Appendix B

Air Quality and Greenhouse Gas Emissions Report

Air Quality and Greenhouse Gas Emissions Analysis Technical Report for the Costco/Vineyard II Retail Development Project City of Murrieta, California

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Acronyms and Abbreviations

Acronym/Abbreviation	Definition
°C	degrees Celsius
°F	degrees Fahrenheit
µg/m^3	micrograms per cubic meter
AB	Assembly Bill
ADMRT	Air Dispersion and Risk Tool
AERMOD	American Meteorological Society/Environmental Protection Agency Regulatory Model
amsl	above mean sea level
ANFO	ammonium nitrate/fuel oil
AQMP	Air Quality Management Plan
CAAQS	California Ambient Air Quality Standards
CalEEMod	California Emissions Estimator Model
CALGreen	California's Green Building Standards
CALINE4	California LINE Source Dispersion Model
CalRecycle	California Department of Resources Recycling and Recovery
Caltrans	California Department of Transportation
CAP	climate action plan
CAPCOA	California Air Pollution Control Officers Association
CARB	California Air Resources Board
CAT	Climate Action Team
CDPH	California Department of Public Health
CEC	California Energy Commission
CEQA	California Environmental Quality Act
CH_4	methane
City	City of Murrieta
CNRA	California Natural Resources Agency
CO	carbon monoxide
CO_2	carbon dioxide
CPUC	California Public Utilities Commission
DPM	diesel particulate matter
ELSI	Lake Elsinore air monitoring station
EO	Executive Order
EPA	U.S. Environmental Protection Agency
EV	electric vehicle
GHG	greenhouse gas
GWP	global warming potential
H_2S	hydrogen sulfide
HAP	hazardous air pollutant
HARP2	Hotspots Analysis and Reporting Program Version 2
HFC	hydrofluorocarbon
HRA	health risk assessment
HVAC	heating, ventilation, and air conditioning
I	Interstate
IPCC	Intergovernmental Panel on Climate Change
ITE	Institute of Transportation Engineers
LCFS	Low Carbon Fuel Standard

Acronym/Abbreviation	Definition
LED	light emitting diode
LOS	level of service
LST	localized significance thresholds
MMT	million metric ton
MT CO_2e	metric tons of CO_2 equivalent
N_2O	nitrous oxide
NAAQS	National Ambient Air Quality Standards
NF_3	nitrogen trifluoride
NHTSA	National Highway Traffic Safety Administration
NO_2	nitrogen dioxide
NO_x	oxides of nitrogen
O_3	ozone
OEHHA	Office of Environmental Health Hazard Assessment
PDF	project design feature
PeMS	Caltrans Performance Measurement System
PFC	perfluorocarbon
PM_{10}	particulate matter with an aerodynamic diameter less than or equal to 10 microns
$PM_{2.5}$	particulate matter with an aerodynamic diameter less than or equal to 2.5 microns
ppb	parts per billion
ppm	parts per million
PV	photovoltaic
RCP	Regional Comprehensive Plan
RPS	Renewables Portfolio Standard
RTP	Regional Transportation Plan
SB	Senate Bill
SCAB	South Coast Air Basin
SCAG	Southern California Association of Governments
SCAQMD	South Coast Air Quality Management District
SCS	Sustainable Communities Strategy
SF_6	sulfur hexafluoride
SJVAPCD	San Joaquin Valley Air Pollution Control District
SLCP	short-lived climate pollutant
SO_2	sulfur dioxide
SO_4	sulfates
SO_x	sulfur oxides
SRA	source-receptor area
TAC	toxic air contaminants
TIA	Transportation Impact Analysis
TRU	transport refrigeration unit
UNFCCC	United Nations Framework Convention on Climate Change
USGS	United States Geological Survey
VOC	volatile organic compound
ZNE	zero net energy

Executive Summary

The purpose of this technical report is to assess the potential air quality and greenhouse gas (GHG) emissions impacts associated with implementation of the proposed Costco/Vineyard II Retail Development Project (project). This assessment utilizes the significance thresholds in Appendix G of the California Environmental Quality Act (CEQA) Guidelines (14 CCR 15000 et seq.).

Project Overview

The project site is located in the northern portion of the City of Murrieta (City) in Riverside County, California, at the northwest corner of Interstate (I-) 215 and Clinton Keith Road. The project site encompasses approximately 26 acres.

The project proposes construction of a new retail development consisting of a Costco Wholesale warehouse and a gasoline dispensing facility, a fitness center, a major retail pad, four smaller retail shops, one restaurant with a drive through, one drive through fast food restaurant, and associated parking on approximately 26 acres.

The project site is located within the South Coast Air Basin (SCAB) and is under the jurisdiction of the South Coast Air Quality Management District (SCAQMD). Construction and operational criteria air pollutant and GHG emissions were estimated using the California Emissions Estimator Model (CalEEMod) Version 2016.3.2, consistent with SCAQMD guidance.

Air Quality

The air quality impact analysis evaluated the potential for adverse impacts to air quality due to construction and operational emissions resulting from the project. Impacts were evaluated for their significance based on the SCAQMD mass daily criteria air pollutant thresholds of significance (SCAQMD 1993, as revised in April 2019). Criteria air pollutants are defined as pollutants for which the federal and state governments have established ambient air quality standards, or criteria, for outdoor concentrations to protect public health. Criteria air pollutants include ozone (O_3), nitrogen dioxide (NO_2), carbon monoxide (CO), sulfur dioxide (SO_2), particulate matter with an aerodynamic diameter less than or equal to 10 microns (PM_{10}), particulate matter with an aerodynamic diameter less than or equal to 2.5 microns ($PM_{2.5}$), and lead. Pollutants that are evaluated include volatile organic compounds (VOCs) (also referred to as reactive organic gases), oxides of nitrogen (NO_x), CO, sulfur oxides (SO_x), PM_{10}, and $PM_{2.5}$. VOCs and NO_x are important because they are precursors to O_3.

Air Quality Plan Consistency

Implementation of the project would not exceed the demographic growth forecasts in the Southern California Association of Governments (SCAG) 2016 Regional Transportation Plan/Sustainable Communities Strategy (2016 RTP/SCS); therefore, the project would also be consistent with the SCAQMD 2016 Air Quality Management Plan (AQMP), which based future emission estimates on the SCAG 2016 RTP/SCS. However, the project would result in an increase in the frequency or severity of existing air quality violations or cause or contribute to new violations. Based on these considerations, impacts related to the project's potential to conflict with or obstruct implementation of the applicable air quality plan would be significant and unavoidable after implementation of **Mitigation Measure (MM) AQ-1** and **MM-AQ-2**.

Potential to Result in a Cumulatively Considerable Net Increase of Any Nonattainment Criteria Pollutant

The potential for the project to result in a cumulatively considerable net increase in a nonattainment pollutant, per the SCAQMD guidance and thresholds, is based on the project's potential to exceed the project-specific daily thresholds. To reduce construction and operational emissions to the extent feasible, Costco would incorporate Project Design Feature (PDF) AQ/GHG-1, and the Vineyard II developer would incorporate PDF-AQ/GHG-2. Construction of the project would result in the temporary addition of pollutants to the local airshed caused by on-site sources (i.e., off-road construction equipment, rock crushing, rock popping, blasting, soil disturbance, and VOC off-gassing) and off-site sources (i.e., on-road haul trucks, vendor trucks, and worker vehicle trips). Estimated maximum daily construction emissions would not exceed the SCAQMD significance thresholds for VOC, CO, SO_x, PM_{10}, or $PM_{2.5}$ during construction in all construction years (2020–2021). However, the daily construction emissions would exceed the SCAQMD significance threshold for NO_x and mitigation is required. With implementation of **MM-AQ-1**, estimated maximum daily NO_x emissions would be reduced below the SCAQMD NO_x threshold; therefore, construction-related criteria air pollutant impacts would be less than significant with mitigation.

Operational year 2021 was assumed upon completion of project construction. Operation of the project would generate criteria air pollutants from mobile sources (vehicles), area sources (consumer product use, architectural coatings, landscape maintenance equipment, and gasoline dispensing facility), and energy (natural gas). Estimated maximum daily operational emissions would not exceed the SCAQMD operational significance thresholds for NO_x, CO, SO_x, PM_{10}, or $PM_{2.5}$; however, estimated daily operational emissions would exceed the SCAQMD operational significance threshold for VOC and NO_x, and mitigation is required. While project-generated operational criteria air pollutant emissions are anticipated to reduce with implementation of required feasible mitigation measures, the amount of emission reductions is not accurately quantifiable. As such, with implementation of mitigation measures, the project would generate VOC and NO_x emissions during operation that would exceed the SCAQMD thresholds. Therefore, the project would result in an increase in criteria air pollutants. Operational regional impact would be significant and unavoidable after implementation of **MM-AQ-2**.

Exposure of Sensitive Receptors

Construction activities would generate emissions in excess of the SCAQMD site-specific localized significance thresholds (LSTs) for PM_{10} and $PM_{2.5}$; therefore, site-specific construction impacts during construction of the project would be significant and unavoidable after implementation of **MM-AQ-1**.

Operation of the project would not expose sensitive receptors to localized high concentrations of CO or contribute traffic volumes to intersections that would cause a CO hotspot. As neither the 1-hour nor the 8-hour CO California Ambient Air Quality Standards (CAAQS) would be equaled or exceeded at any of the studied intersections, potential CO hotspot impacts would be less than significant.

Impacts related to cancer risk and chronic hazard from diesel particulate matter (DPM), which is a toxic air contaminant (TAC), would potentially exceed the SCAQMD's health risk thresholds during construction activities; however, after implementation of **MM-AQ-1**, construction health risk impacts would be less than significant. Long-term sources of TACs include heavy-duty trucks, truck idling, and gasoline dispensing facility emissions and would not exceed the SCAQMD's health risk thresholds during operational activities; therefore, operation health risk impacts would be less than significant. Furthermore, the cumulative health risk exposure from project construction and operation would not exceed the SCAQMD threshold with implementation of **MM-AQ-1**. Thus, impacts would be less than significant.

Other Emissions

Potential odors produced during construction would be attributable to concentrations of unburned hydrocarbons from tailpipes of construction equipment, architectural coatings, and asphalt pavement application, which would disperse rapidly from the project site and generally occur at magnitudes that would not affect substantial numbers of people. Impacts associated with odors during construction would be less than significant. The project would have the potential to create odors related to vehicle fueling at the proposed gas station. The gasoline dispensing facility would be equipped with phase I and phase II controls to be in compliance with the California Air Resources Board (CARB) and SCAQMD requirements for installing a vapor recovery system to collect gasoline vapors during fuel delivery or fuel storage and vehicle fueling, which would also have a co-benefit for controlling odors. Therefore, project operations would result in odor impacts that are less than significant.

Greenhouse Gas Emissions

Global climate change is primarily considered a cumulative impact, but must also be evaluated on a project-level under CEQA. A project participates in this potential impact through its incremental contribution combined with the cumulative increase of all other sources of GHG emissions. GHGs are gases that absorb infrared radiation in the atmosphere. Principal GHGs regulated under state and federal law and regulations include carbon dioxide (CO_2), methane (CH_4), and nitrous oxide (N_2O). GHG emissions are measured in metric tons of CO_2 equivalent (MT CO_2e), which account for weighted global warming potential (GWP) factors for CH_4 and N_2O.

Project-Generated Construction and Operational Greenhouse Gas Emissions and Consistency with Applicable Greenhouse Gas Reduction Plans

Pursuant to SCAQMD recommendation, construction emissions were amortized over a 30-year project lifetime, so that GHG reduction measures will address construction GHG emissions as part of the operational GHG reduction strategies (SCAQMD 2008).

Construction of the project would result in GHG emissions primarily associated with use of off-road construction equipment, rock crushing, rock popping, on-road hauling and vendor (material delivery) trucks, and worker vehicles. Total project-generated GHG emissions during construction were estimated to be 2,609 MT CO_2e over the construction period. Estimated project-generated construction emissions amortized over 30 years would be approximately 87 MT CO_2e per year.

The project would generate operational GHG emissions from area sources (landscape maintenance), energy sources (natural gas and electricity), mobile sources, solid waste, and water supply and wastewater treatment. Estimated annual project-generated operational GHG emissions would be approximately 18,726 MT CO_2e. Estimated annual project-generated operational emissions in 2021, prior to the implementation of the 708-kilowatt solar photovoltaic system on the roof of the Costco warehouse within 2 years of opening, and amortized project construction emissions would be approximately 18,812 MT CO_2e.

With implementation of the 708-kilowatt solar photovoltaic system within 2 years of opening the Costco Warehouse, the estimated annual project-generated operational emissions in 2023 and amortized project construction emissions would be approximately 18,510 MT CO_2e.

As part of the City's General Plan 2035, the City has adopted a Climate Action Plan (CAP). However, the City has not established a significance threshold under the City's CAP, but the CAP noted that projects that demonstrate consistency

with the goals, strategies, actions, and emission reduction targets contained in the City's CAP would have a less-than-significant impact on climate change. Development of the project site would be consistent with the City's CAP climate action strategies and not result in a conflict with the adopted CAP, support the SCAG 2016 RTP/SCS by being consistent with the current zoning and land use designation and through incorporation of energy and water-efficient features, and demonstrate consistency with the Scoping Plan. The project is consistent with the Scoping Plan (and specifically the Scoping Plan's GHG emission reduction measures), 2016 RTP/SCS, City's General Plan, and the City's CAP, which all promote economic growth while achieving greater energy efficiency. The project would be consistent with SCAG's RTP/SCS, Senate Bill 32, and Executive Order S-3-05. The project would not conflict with any plans adopted with the purpose of reducing GHG emissions; therefore, the proposed project's impacts with respect to GHG emissions would be less than significant.

1 Introduction

1.1 Report Purpose and Scope

The purpose of this technical report is to assess the potential air quality and greenhouse gas (GHG) emissions impacts associated with implementation of the proposed Costco/Vineyard II Retail Development Project (project). This assessment uses the significance thresholds in Appendix G of the California Environmental Quality Act (CEQA) Guidelines (14 CCR 15000 et seq.), and is based on the emissions-based significance thresholds recommended by the South Coast Air Quality Management District (SCAQMD) and other applicable thresholds of significance.

This introductory section provides a description of the project and the project location. Chapter 2, Air Quality, describes the air quality–related environmental setting, regulatory setting, existing air quality conditions, and thresholds of significance and analysis methodology, and presents an air quality impact analysis per Appendix G of the CEQA Guidelines. Chapter 3, Greenhouse Gas Emissions, follows the same format as Chapter 2 and similarly describes the GHG emissions–related environmental setting, regulatory setting, existing climate changes conditions, and thresholds of significance and analysis methodology, and presents a GHG emissions impact analysis per Appendix G of the CEQA Guidelines. Chapter 4, References Cited, includes a list of the references cited. Chapter 5, List of Preparers, includes a list of those who prepared this technical report.

1.2 Regional and Local Setting

The approximate 26-acre, rectangular-shaped project site is located in the northern portion of the City of Murrieta (City) in Riverside County, California. Specifically, the project site is located on a lot at the northwest corner of Interstate (I-) 215 and Clinton Keith Road (Figure 1, Project Location). Adjacent land uses include residential to the east, Vista Murrieta High School to the south, I-215 to the west, and vacant land zoned for future commercial development to the north and south.

The City General Plan (City of Murrieta 2011a) land use designation for the project is Commercial. The City's Zoning Map (City of Murrieta 2014) shows the project site as being zoned Regional Commercial.

The project site is located within the South Coast Air Basin (SCAB), which includes all of Orange County and the non-desert portions of Los Angeles, Riverside, and San Bernardino Counties.

1.3 Project Description

The project is a new retail development, which includes a Costco Wholesale warehouse and a gasoline dispensing facility, a fitness center, a major retail pad, four smaller retail shops, one restaurant, one drive through fast food restaurant, and associated parking on approximately 26 acres (Figure 2, Proposed Site Plan).

Costco and Gasoline Dispensing Facility

The Costco Wholesale warehouse would be 153,362 square feet with associated parking. The gasoline dispensing facility would be separate from the main building, and the fuel facility area would include a 7,535-square-foot canopy with 32 pumps. The proposed maximum throughput is 26 million gallons of gasoline per year, operating 16 hours per day. The gasoline dispensing facility is equipped with phase I and phase II controls, and the underground tank vent pipes are fitted with pressure-vacuum relief valves. The Costco Wholesale warehouse would also include a tire center,

which would be located at the southwest corner of the project site. The Costco facility would employ 250 full-time employees in three shifts.

Vineyard II Retail Development

The remaining retail development would be developed on an approximately 7.83-acre parcel on the east side of a future northerly extension of Warm Springs Road, and would include the following pads: 37,000-square-foot fitness center; 16,000-square-foot major retail pad that may include an office store, pet supply store, health and beauty store, shoe store, or other similar retailers; service-oriented retail shops such as a pick-up and drop-off dry cleaner (no plant on site), hair salon, or phone store that range from 11,900 square feet to 4,700 square feet; 1,200-square-foot casual dining space with drive-through and window service; and 2,400-square-foot fast-food restaurant with drive-through.

1.4 Project Design Features

To reduce construction and operational emissions to the extent feasible, Costco would incorporate the following project design features (PDFs) into the new facility (PDF-AQ/GHG-1):

a. New and renewable building materials shall be extracted and manufactured within the region whenever possible, reducing transportation emissions.
b. The project shall use pre-manufactured building components, including structural framing and metal panels, to help minimize waste during construction.
c. The main building structure shall be constructed with a pre-engineered system that uses 100% recycled steel materials and is designed to minimize the amount of material utilized.
d. Roof material shall be 100% recycled standing seam metal panel, designed to maximum efficiency for spanning the structure.
e. Exterior skin metal shall be 100% recycled.
f. Construction waste shall be recycled whenever possible.
g. Floor sealant contains no volatile organic compounds (VOCs) and represents over 80% of the floor area.
h. LED lamps shall be installed in the parking lots.
i. Parking lot and exterior lights are controlled by the building's automated energy management system.
j. Pre-manufactured metal wall panels with insulation carry a higher Resistance Value (more commonly known as R-Value), and greater solar reflectivity shall be installed to help conserve energy. Building heat absorption is further reduced by a decrease in the thermal mass of the metal wall when compared to a typical masonry block wall.
k. Costco would design the roofing structure to accommodate the additional structural load of the solar panels to allow for the flexibility for possible future installation.
l. The project shall plant native, drought-tolerant vegetation that would use less water than other common species.
m. The project shall install an irrigation system that uses deep-root watering bubblers for parking lot trees to minimize usage and ensure that water goes directly to the intended planting areas.

n. High-efficiency restroom fixtures shall be installed.
o. Building envelopes shall be insulated to meet or exceed current energy code requirements.
p. Heating, ventilation, and air conditioning (HVAC) comfort systems shall be controlled by a computerized building management system to maximize efficiency.
q. HVAC units shall be high-efficiency, direct-ducted units.
r. HVAC units shall not use hydrochlorofluorocarbons.
s. Interior lighting shall be controlled by the overall project energy management system.
t. Gas water heaters shall be direct vent and high efficiency.
u. Extensive recycling/reuse program shall be implemented for warehouse and office space including tires, cardboard, grease, plastics, and electronic waste.
v. All Costco trucks shall be equipped with an engine idle shut off timer.
w. Three electric vehicle (EV) charging stations shall be installed in the parking lot.
x. Within 2 years of opening the Costco Warehouse, a 708-kilowatt photovoltaic system shall be installed, which would generate a system output of 1,128,400 kilowatt-hours per year.
y. Stalls designated as clean air vehicle/van pool would encourage use of such vehicles by employees and customers.

Vineyard II Retail Development would incorporate the following PDFs into the new facilities (PDF-AQ/GHG-2):

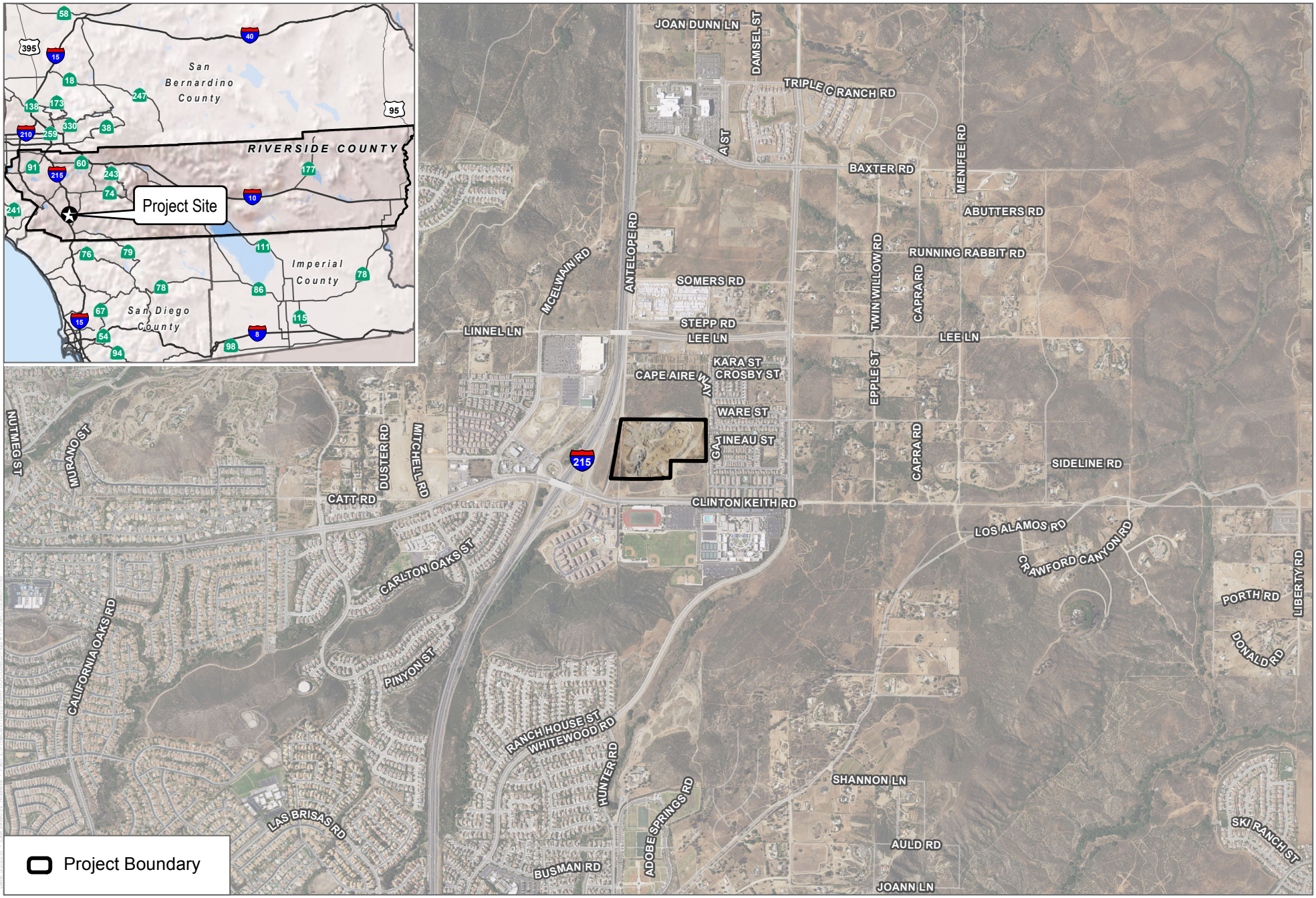
a. Design the roofing structure to accommodate the additional structural load of the solar panels to allow for the flexibility for possible future installation.
b. LED lamps shall be installed in the parking lots and outdoor lighting fixtures.
c. Parking lot and exterior lights shall be controlled by a time clock and photocell device to turn lights off at dawn.
d. Fourteen EV charging stations shall be installed in the parking lot, four of which shall be tied to solar source from the roofs of two buildings at the time of opening.
e. Electrical outlets on site shall allow recharging of batteries by landscape maintenance people of their battery-operated landscape maintenance equipment.
f. Each trash enclosure in the retail center shall have a recycling bin slot for each tenant.
g. Non-potable irrigation lines shall be installed in preparation for future recycled water.

1.5 Dust Control Strategies

The project would include various construction dust control strategies as a PDF. Compliance with these dust control measures would be identified on grading plan approvals. The following dust control strategies are proposed (PDF-AQ-1):

a. During clearing, grading, earthmoving, excavation, or transportation of cut or fill materials, water trucks or sprinkler systems shall be used to prevent dust from leaving the site and to create a crust after each day's activities cease.

b. During construction, water trucks or sprinkler systems shall be used to keep all areas of vehicle movement damp enough to prevent dust from leaving the site. At a minimum, this would include wetting down such areas later in the morning, after work is completed for the day, and whenever winds exceed 15 miles per hour during active operations. Watering of active disturbance areas, including active grading areas and unpaved roads, would occur approximately every two hours of active operations, approximately three times per work day (at a minimum).
c. Speeds on unpaved roads shall be reduced to less than 15 miles per hour.
d. All grading and excavation operations shall be halted when wind speeds exceed 25 miles per hour.
e. Dirt and debris spilled onto paved surfaces at the project site and on the adjacent roadways shall be swept, vacuumed, and/or washed at the end of each workday.
f. All trucks hauling dirt, sand, soil, or other loose material to and from the construction site shall be covered and/or a minimum 2 feet of freeboard shall be maintained.



SOURCE: NAIP 2016

DUDEK

0 1,000 2,000 Feet

FIGURE 1

Project Location

Costco/Vineyard Phase II Retail Development Project, City of Murrieta, California

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PROJECT DATA

APPLICANT:	COSTCO WHOLESALE 999 LAKE DRIVE ISSAQUAH, WA. 98027
PROJECT ADDRESS:	NEC OF I-215 & CLINTON KEITH RD. MURRIETA, CA.
ZONING:	REGIONAL COMMERCIAL
SETBACKS:	FRONT: 25' BLDG / 15' LANDSC. REAR: 5' BLDG / 5' LANDSC. SIDE: 5' BLDG / 5' LANDSC.

SITE DATA:

PARCEL 1 & 2 OF TPM 37511

COSTCO SITE AREA:	15.21 ACRES (662,538 SF.)
COSTCO FUEL FACILITY AREA:	1.21 ACRES (52,910 SF)
TOTAL COSTCO SITE:	16.42 ACRES (715,448 SF.)
VINEYARD PHASE II:	
LOT "A"	1.74 ACRES (76,012 SF.)
PARCEL 3	0.63 ACRES (27,573 SF.)
PARCEL 4	0.71 ACRES (31,063 SF.)
PARCEL 5	1.30 ACRES (56,541 SF.)
PARCEL 6	3.62 ACRES (157,801 SF.)
PARCEL 7	0.85 ACRES (36,952 SF.)
PARCEL 8	0.73 ACRES (31,842 SF.)
TOTAL GROSS SITE AREA:	9.58 ACRES (417,479 SF.)
TOTAL NET SITE AREA:	7.84 ACRES (341,467 SF.)

BUILDING DATA:

COSTCO SITE:	
NET BUILDING AREA	149,856 SF
NET FIRE DEPT. ROOM	430 SF
NET MACHINE ROOM	1,469 SF
ENVELOPE/ EXTERIOR WALLS	1,586 SF
TOTAL COSTCO WAREHOUSE	153,362 SF
FUEL STATION CANOPY	12,678 SF
FUEL CONTROLLER ENCLOSURE	125 SF
TOTAL VINEYARD PHASE II SITE:	
FITNESS USE (BLDG K)	37,000 SF
RETAIL USE (BLDG J, I, & L)	31,400 SF
FOOD USE (BLDG L & M)	3,600 SF

PARKING DATA:

TOTAL COSTCO PARKING:	799 STALLS
INCLUDES:	
10' WIDE STALLS	706 STALLS
9' WIDE STALLS	10 STALLS
ACCESSIBLE STALLS (1 IN 6 VAN + 4 VAN REQUIRED)	19 STALLS
10' WIDE CLEAN AIR/ VAN POOL/ EV STALLS (8% OF PARKING)	64 STALLS
JURISDICTION REQUIRED PARKING INSTALL / 200 S.F. (5/1000):	767 STALLS
TOTAL VINEYARD PHASE II PARKING:	416 STALLS
INCLUDES:	
FITNESS USE (BLDG K)	222 STALLS
RETAIL USE (BLDG J, I, & L)	158 STALLS
FOOD USE (BLDG L & M)	36 STALLS
JURISDICTION REQUIRED PARKING:	286 STALLS

CURRENT OWNERS:

1. CANDEE FAMILY LLC
2. CK-17, A CALIFORNIA LIMITED PARTNERSHIP
3. SCOTT-215, LP, A CALIFORNIA LIMITED PARTNERSHIP
4. LAMBDA INVESTMENTS, LLC, A DELAWARE LIMITED LIABILITY COMPANY

UTILITY COMPANIES:

ELECTRIC:	SOUTHERN CALIFORNIA EDISON (SCE) 2244 WALNUT GROVE AVENUE ROSEMEAD, CA 91770 (951) 249-8356
GAS:	SOUTHERN CALIFORNIA GAS COMPANY 1981 WEST LUGONIA AVENUE REDLANDS, CA 92374 800-427-2200
SEWER/WATER:	EASTER MUNICIPAL WATER DISTRICT (EMWD) 2270 TRUMBLE ROAD PERRIS, CA 92570 (951) 928-3777
PHONE:	VERIZON 24520 VILLAGE WALK PL., STE A MURRIETA, CA 92562 (951) 672-9490
CABLE:	FRONTIER COMMUNICATIONS 9 S. 4TH STREET REDLANDS, CA 92373 (951) 7779667
SCHOOL DISTRICT:	MENIFEE UNION SCHOOL DISTRICT 29775 HAUN ROAD MENIFEE, CA 92586 (951) 672-1851

*A through D Project Driveways

SOURCE: MG2, Inc

FIGURE 2

Proposed Site Plan

Costco/Vineyard Phase II Retail Development Project, City of Murrieta, California

DUDEK

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2 Air Quality

2.1 Environmental Setting

As stated previously, the project site is located within the SCAB. The SCAB is a 6,745-square-mile area bounded by the Pacific Ocean to the west and the San Gabriel, San Bernardino, and San Jacinto Mountains to the north and east.

2.1.1 Meteorological and Topographical Conditions

The primary factors that determine air quality are the locations of air pollutant sources and the amount of pollutants emitted. Meteorological and topographical conditions, however, are also important. Factors such as wind speed and direction, air temperature gradients and sunlight, and precipitation and humidity interact with physical landscape features to determine the movement and dispersal of air pollutants. The SCAB's air pollution problems are a consequence of the combination of emissions from the nation's second largest urban area, meteorological conditions adverse to the dispersion of those emissions, and mountainous terrain surrounding the SCAB that traps pollutants as they are pushed inland with the sea breeze (SCAQMD 2017a). Meteorological and topographical factors that affect air quality in the SCAB are described below.[1]

Climate

The SCAB is characterized as having a Mediterranean climate (typified as semiarid with mild winters, warm summers, and moderate rainfall). The general region lies in the semi-permanent high-pressure zone of the eastern Pacific; as a result, the climate is mild and tempered by cool sea breezes. The usually mild climatological pattern is interrupted infrequently by periods of extremely hot weather, winter storms, or Santa Ana winds. The extent and severity of the air pollution problem in the SCAB is a function of the area's natural physical characteristics (e.g., weather and topography) and of manufactured influences (e.g., development patterns and lifestyle). Moderate temperatures, comfortable humidity, and limited precipitation characterize the climate in the SCAB. The average annual temperature varies little throughout the SCAB, averaging 75°F. However, with a less-pronounced oceanic influence, the eastern inland portions of the SCAB show greater variability in annual minimum and maximum temperatures. All portions of the SCAB have recorded temperatures over 100°F in recent years. Although the SCAB has a semiarid climate, the air near the surface is moist because of the presence of a shallow marine layer. Except for infrequent periods when dry air is brought into the SCAB by offshore winds, the ocean effect is dominant. Periods with heavy fog are frequent, and low stratus clouds, occasionally referred to as "high fog," are a characteristic climate feature. Annual average relative humidity is 70% at the coast and 57% in the eastern part of the SCAB. Precipitation in the SCAB is typically 9–14 inches annually and is rarely in the form of snow or hail because of typically warm weather. The frequency and amount of rainfall is greater in the coastal areas of the SCAB.

In the City, the climate is typically warm during summer when temperatures tend to be in the 80s and cool during winter when temperatures tend to be in the 50s. The warmest month of the year is August with an average maximum temperature of 98°F; whereas, the coldest month of the year is December with an average minimum

[1] The discussion of meteorological and topographical conditions of the SCAB is based on information provided in the *Final 2016 Air Quality Management Plan* (SCAQMD 2017a).

temperature of 34°F. The wettest month of the year is February with an average rainfall of 2.86 inches (City of Murrieta 2011b).

Sunlight

The presence and intensity of sunlight are necessary prerequisites for the formation of photochemical smog. Under the influence of the ultraviolet radiation of sunlight, certain "primary" pollutants (mainly reactive hydrocarbons and oxides of nitrogen (NO_x)[2]) react to form "secondary" pollutants (primarily oxidants). Since this process is time dependent, secondary pollutants can be formed many miles downwind of the emission sources. Southern California also has abundant sunshine, which drives the photochemical reactions that form pollutants such as ozone (O_3) and a substantial portion of fine particulate matter ($PM_{2.5}$, particles less than 2.5 microns in diameter). In the SCAB, high concentrations of O_3 are normally recorded during the late spring, summer, and early autumn months, when more intense sunlight drives enhanced photochemical reactions. Due to the prevailing daytime winds and time-delayed nature of photochemical smog, oxidant concentrations are highest in the inland areas of Southern California.

Temperature Inversions

Under ideal meteorological conditions and irrespective of topography, pollutants emitted into the air mix and disperse into the upper atmosphere. However, the Southern California region frequently experiences temperature inversions in which pollutants are trapped and accumulate close to the ground. The inversion, a layer of warm, dry air overlaying cool, moist marine air, is a normal condition in coastal Southern California. The cool, damp, and hazy sea air capped by coastal clouds is heavier than the warm, clear air, which acts as a lid through which the cooler marine layer cannot rise. The height of the inversion is important in determining pollutant concentration. When the inversion is approximately 2,500 feet above mean sea level (amsl), the sea breezes carry the pollutants inland to escape over the mountain slopes or through the passes. At a height of 1,200 feet amsl, the terrain prevents the pollutants from entering the upper atmosphere, resulting in the pollutants settling in the foothill communities. Below 1,200 feet amsl, the inversion puts a tight lid on pollutants, concentrating them in a shallow layer over the entire coastal basin. Usually, inversions are lower before sunrise than during the daylight hours.

Mixing heights for inversions are lower in the summer and inversions are more persistent, being partly responsible for the high levels of O_3 observed during summer months in the SCAB. Smog in Southern California is generally the result of these temperature inversions combining with coastal day winds and local mountains to contain the pollutants for long periods, allowing them to form secondary pollutants by reacting in the presence of sunlight. The SCAB has a limited ability to disperse these pollutants due to typically low wind speeds and the surrounding mountain ranges.

As with other cities within the SCAB, the City is susceptible to air inversions, which trap a layer of stagnant air near the ground where pollutants are further concentrated. These inversions produce haziness, which is caused by moisture, suspended dust, and a variety of chemical aerosols emitted by trucks, automobiles, furnaces, and other sources. Elevated particles less than 10 microns in diameter (PM_{10}) and $PM_{2.5}$ concentrations can occur in the SCAB throughout the year but occur most frequently in fall and winter. Although there are some changes in emissions by day of the week and season, the observed variations in pollutant concentrations are primarily the result of seasonal differences in weather conditions.

[2] NO_x is a general term pertaining to compounds of nitric oxide (NO), nitrogen dioxide (NO_2), and other oxides of nitrogen.

2.1.2 Pollutants and Effects

2.1.2.1 Criteria Air Pollutants

Criteria air pollutants are defined as pollutants for which the federal and state governments have established ambient air quality standards, or criteria, for outdoor concentrations to protect public health. The federal and state standards have been set, with an adequate margin of safety, at levels above which concentrations could be harmful to human health and welfare. These standards are designed to protect the most sensitive persons from illness or discomfort. Pollutants of concern include O_3, nitrogen dioxide (NO_2), carbon monoxide (CO), sulfur dioxide (SO_2), PM_{10}, $PM_{2.5}$, and lead. These pollutants, as well as toxic air contaminants (TACs), are discussed in the following paragraphs.[3] In California, sulfates, vinyl chloride, hydrogen sulfide, and visibility-reducing particles are also regulated as criteria air pollutants. A more detailed discussion of health effects of criteria air pollutants is provided in Appendix E.

Ozone. O_3 is a strong-smelling, pale blue, reactive, toxic chemical gas consisting of three oxygen atoms. It is a secondary pollutant formed in the atmosphere by a photochemical process involving the sun's energy and O_3 precursors. These precursors are mainly NO_x and VOCs. The maximum effects of precursor emissions on O_3 concentrations usually occur several hours after they are emitted and many miles from the source. Meteorology and terrain play major roles in O_3 formation, and ideal conditions occur during summer and early autumn on days with low wind speeds or stagnant air, warm temperatures, and cloudless skies. O_3 exists in the upper atmosphere O_3 layer (stratospheric O_3) and at the Earth's surface in the troposphere (ground-level O_3).[4] The O_3 that EPA and the California Air Resources Board (CARB) regulate as a criteria air pollutant is produced close to the ground level, where people live, exercise, and breathe. Ground-level O_3 is a harmful air pollutant that causes numerous adverse health effects and is thus considered "bad" O_3. Stratospheric, or "good," O_3 occurs naturally in the upper atmosphere, where it reduces the amount of ultraviolet light (i.e., solar radiation) entering the Earth's atmosphere. Without the protection of the beneficial stratospheric O_3 layer, plant and animal life would be seriously harmed.

O_3 in the troposphere causes numerous adverse health effects; short-term exposures (lasting for a few hours) to O_3 at levels typically observed in Southern California can result in breathing pattern changes, reduction of breathing capacity, increased susceptibility to infections, inflammation of the lung tissue, and some immunological changes (EPA 2013). These health problems are particularly acute in sensitive receptors such as the sick, the elderly, and young children.

Nitrogen Dioxide. NO_2 is a brownish, highly reactive gas that is present in all urban atmospheres. The major mechanism for the formation of NO_2 in the atmosphere is the oxidation of the primary air pollutant nitric oxide, which is a colorless, odorless gas. NO_x plays a major role, together with VOCs, in the atmospheric reactions that produce O_3. NO_x is formed from fuel combustion under high temperature or pressure. In addition, NO_x is an important precursor to acid rain and may affect both terrestrial and aquatic ecosystems. The two major emissions sources are transportation and stationary fuel combustion sources such as electric utility and industrial boilers.

[3] The descriptions of each of the criteria air pollutants and associated health effects are based on the EPA's Criteria Air Pollutants (EPA 2016a) and the CARB Glossary of Air Pollutant Terms (CARB 2016a).

[4] The troposphere is the layer of the Earth's atmosphere nearest to the surface of the Earth. The troposphere extends outward about 5 miles at the poles and about 10 miles at the equator.

NO_2 can irritate the lungs, cause bronchitis and pneumonia, and lower resistance to respiratory infections (EPA 2016b).

Carbon Monoxide. CO is a colorless, odorless gas formed by the incomplete combustion of hydrocarbon, or fossil fuels. CO is emitted almost exclusively from motor vehicles, power plants, refineries, industrial boilers, ships, aircraft, and trains. In urban areas such as the project location, automobile exhaust accounts for the majority of CO emissions. CO is a nonreactive air pollutant that dissipates relatively quickly; therefore, ambient CO concentrations generally follow the spatial and temporal distributions of vehicular traffic. CO concentrations are influenced by local meteorological conditions—primarily wind speed, topography, and atmospheric stability. CO from motor vehicle exhaust can become locally concentrated when surface-based temperature inversions are combined with calm atmospheric conditions, which is a typical situation at dusk in urban areas from November to February. The highest levels of CO typically occur during the colder months of the year, when inversion conditions are more frequent.

In terms of adverse health effects, CO competes with oxygen, often replacing it in the blood, reducing the blood's ability to transport oxygen to vital organs. The results of excess CO exposure can include dizziness, fatigue, and impairment of central nervous system functions.

Sulfur Dioxide. SO_2 is a colorless, pungent gas formed primarily from incomplete combustion of sulfur-containing fossil fuels. The main sources of SO_2 are coal and oil used in power plants and industries; as such, the highest levels of SO_2 are generally found near large industrial complexes. In recent years, SO_2 concentrations have been reduced by the increasingly stringent controls placed on stationary source emissions of SO_2 and limits on the sulfur content of fuels.

SO_2 is an irritant gas that attacks the throat and lungs and can cause acute respiratory symptoms and diminished ventilator function in children. When combined with particulate matter, SO_2 can injure lung tissue and reduce visibility and the level of sunlight. SO_2 can also yellow plant leaves and erode iron and steel.

Particulate Matter. Particulate matter pollution consists of very small liquid and solid particles floating in the air, which can include smoke, soot, dust, salts, acids, and metals. Particulate matter can form when gases emitted from industries and motor vehicles undergo chemical reactions in the atmosphere. $PM_{2.5}$ and PM_{10} represent fractions of particulate matter. Coarse particulate matter (PM_{10}) consists of particulate matter that is 10 microns or less in diameter and is about 1/7 the thickness of a human hair. Major sources of PM_{10} include crushing or grinding operations; dust stirred up by vehicles traveling on roads; wood-burning stoves and fireplaces; dust from construction, landfills, and agriculture; wildfires and brush/waste burning; industrial sources; windblown dust from open lands; and atmospheric chemical and photochemical reactions. Fine particulate matter ($PM_{2.5}$) consists of particulate matter that is 2.5 microns or less in diameter and is roughly 1/28 the diameter of a human hair. $PM_{2.5}$ results from fuel combustion (e.g., from motor vehicles and power generation and industrial facilities), residential fireplaces, and woodstoves. In addition, $PM_{2.5}$ can be formed in the atmosphere from gases such as sulfur oxides (SO_x), NO_x, and VOCs.

$PM_{2.5}$ and PM_{10} pose a greater health risk than larger-size particles. When inhaled, these tiny particles can penetrate the human respiratory system's natural defenses and damage the respiratory tract. $PM_{2.5}$ and PM_{10} can increase the number and severity of asthma attacks, cause or aggravate bronchitis and other lung diseases, and reduce the body's ability to fight infections. Very small particles of substances such as lead, sulfates, and nitrates can cause lung damage directly or be absorbed into the blood stream, causing damage elsewhere in the body. Additionally, these substances can transport adsorbed gases such as chlorides or ammonium into the lungs, also causing injury. PM_{10} tends to collect in the upper portion of the respiratory system; whereas, $PM_{2.5}$ is so tiny that it can penetrate deeper into the lungs and

damage lung tissue. Suspended particulates also damage and discolor surfaces on which they settle and produce haze and reduce regional visibility.

People with influenza, people with chronic respiratory and cardiovascular diseases, and the elderly may suffer worsening illness and premature death as a result of breathing particulate matter. People with bronchitis can expect aggravated symptoms from breathing in particulate matter. Children may experience a decline in lung function due to breathing in PM_{10} and $PM_{2.5}$ (EPA 2009).

Lead. Lead in the atmosphere occurs as particulate matter. Sources of lead include leaded gasoline; the manufacturing of batteries, paints, ink, ceramics, and ammunition; and secondary lead smelters. Prior to 1978, mobile emissions were the primary source of atmospheric lead. Between 1978 and 1987, the phaseout of leaded gasoline reduced the overall inventory of airborne lead by nearly 95%. With the phaseout of leaded gasoline, secondary lead smelters, battery recycling, and manufacturing facilities are becoming lead-emissions sources of greater concern.

Prolonged exposure to atmospheric lead poses a serious threat to human health. Health effects associated with exposure to lead include gastrointestinal disturbances, anemia, kidney disease, and, in severe cases, neuromuscular and neurological dysfunction. Of particular concern are low-level lead exposures during infancy and childhood. Such exposures are associated with decrements in neurobehavioral performance, including intelligence quotient performance, psychomotor performance, reaction time, and growth. Children are highly susceptible to the effects of lead.

Volatile Organic Compounds. Hydrocarbons are organic gases that are formed from hydrogen and carbon and sometimes other elements. Hydrocarbons that contribute to formation of O_3 are referred to and regulated as VOCs (also referred to as reactive organic gases). Combustion engine exhaust, oil refineries, and fossil-fueled power plants are the sources of hydrocarbons. Other sources of hydrocarbons include evaporation from petroleum fuels, solvents, dry cleaning solutions, and paint.

The primary health effects of VOCs result from the formation of O_3 and its related health effects. High levels of VOCs in the atmosphere can interfere with oxygen intake by reducing the amount of available oxygen through displacement. Carcinogenic forms of hydrocarbons, such as benzene, are considered TACs. There are no separate health standards for VOCs as a group.

2.1.2.2 Non-Criteria Air Pollutants

Toxic Air Contaminants. A substance is considered toxic if it has the potential to cause adverse health effects in humans, including increasing the risk of cancer upon exposure, or acute and/or chronic non-cancer health effects. A toxic substance released into the air is considered a TAC. TACs are identified by federal and state agencies based on a review of available scientific evidence. In the State of California, TACs are identified through a two-step process that was established in 1983 under the Toxic Air Contaminant Identification and Control Act. This two-step process of risk identification and risk management and reduction was designed to protect residents from the health effects of toxic substances in the air. In addition, the California Air Toxics "Hot Spots" Information and Assessment Act, Assembly Bill (AB) 2588, was enacted by the legislature in 1987 to address public concern over the release of TACs into the atmosphere. The law requires facilities emitting toxic substances to provide local air pollution control districts with information that will allow an assessment of the air toxics problem, identification of

air toxics emissions sources, location of resulting hotspots, notification of the public exposed to significant risk, and development of effective strategies to reduce potential risks to the public over 5 years.

Examples include certain aromatic and chlorinated hydrocarbons, certain metals, and asbestos. TACs are generated by a number of sources, including stationary sources such as dry cleaners, gas stations, combustion sources, and laboratories; mobile sources such as automobiles; and area sources such as landfills. Adverse health effects associated with exposure to TACs may include carcinogenic (i.e., cancer-causing) and non-carcinogenic effects. Non-carcinogenic effects typically affect one or more target organ systems and may be experienced on either short-term (acute) or long-term (chronic) exposure to a given TAC.

Diesel Particulate Matter. Diesel particulate matter (DPM) is part of a complex mixture that makes up diesel exhaust. Diesel exhaust is composed of two phases, gas and particle, both of which contribute to health risks. More than 90% of DPM is less than 1 micrometer in diameter (about 1/70th the diameter of a human hair), and thus is a subset of $PM_{2.5}$ (CARB 2016b). DPM is typically composed of carbon particles ("soot," also called black carbon, or BC) and numerous organic compounds, including over 40 known cancer-causing organic substances. Examples of these chemicals include polycyclic aromatic hydrocarbons, benzene, formaldehyde, acetaldehyde, acrolein, and 1,3-butadiene (CARB 2016b). The CARB classified "particulate emissions from diesel-fueled engines" (i.e., DPM; 17 CCR 93000) as a TAC in August 1998. DPM is emitted from a broad range of diesel engines: on-road diesel engines of trucks, buses, and cars and off-road diesel engines, including locomotives, marine vessels, and heavy-duty construction equipment, among others. Approximately 70% of all airborne cancer risk in California is associated with DPM (CARB 2000). To reduce the cancer risk associated with DPM, CARB adopted a diesel risk reduction plan in 2000 (CARB 2000). Because it is part of $PM_{2.5}$, DPM also contributes to the same non-cancer health effects as $PM_{2.5}$ exposure. These effects include premature death; hospitalizations and emergency department visits for exacerbated chronic heart and lung disease, including asthma; increased respiratory symptoms; and decreased lung function in children. Several studies suggest that exposure to DPM may also facilitate development of new allergies (CARB 2016b). Those most vulnerable to non-cancer health effects are children whose lungs are still developing and the elderly who often have chronic health problems.

Odorous Compounds. Odors are generally regarded as an annoyance rather than a health hazard. Manifestations of a person's reaction to odors can range from psychological (e.g., irritation, anger, or anxiety) to physiological (e.g., circulatory and respiratory effects, nausea, vomiting, and headache). The ability to detect odors varies considerably among the population and overall is subjective. People may have different reactions to the same odor. An odor that is offensive to one person may be perfectly acceptable to another (e.g., coffee roaster). An unfamiliar odor is more easily detected and is more likely to cause complaints than a familiar one. Known as odor fatigue, a person can become desensitized to almost any odor, and recognition may only occur with an alteration in the intensity. The occurrence and severity of odor impacts depend on the nature, frequency, and intensity of the source; wind speed and direction; and the sensitivity of receptors.

Valley Fever. Coccidioidomycosis, more commonly known as "valley fever," is an infection caused by inhalation of the spores of the *Coccidioides immitis* fungus, which grows in the soils of the southwestern United States. When fungal spores are present, any activity that disturbs the soil, such as digging, grading, or other earth-moving operations, can cause the spores to become airborne and thereby increase the risk of exposure. The ecologic factors that appear to be most conducive to survival and replication of the spores are high summer temperatures, mild winters, sparse rainfall, and alkaline sandy soils.

Valley fever is not considered highly endemic to Riverside County. Per the California Department of Public Health (CDPH), the 8-year average (2011–2018) for coccidioidomycosis cases in Riverside County is 5.6 cases per 100,000 people per year. For the zip code 92563, where the project site is located, incidences of coccidioidomycosis are too few to be reliably used to calculate a rate (Lopez 2018). Statewide incidences in 2018 were 18.8 per 100,000 people (CDPH 2019).

Even if present at a site, earth-moving activities may not result in increased incidence of valley fever. Propagation of *Coccidioides immitis* is dependent on climatic conditions, with the potential for growth and surface exposure highest following early seasonal rains and long dry spells. *Coccidioides immitis* spores can be released when filaments are disturbed by earth-moving activities, although receptors must be exposed to and inhale the spores to be at increased risk of developing valley fever. Moreover, exposure to *Coccidioides immitis* does not guarantee that an individual will become ill—approximately 60% of people exposed to the fungal spores are asymptomatic and show no signs of an infection (USGS 2000).

2.1.3 Sensitive Receptors

Some land uses are considered more sensitive to changes in air quality than others, depending on the population groups and the activities involved. People most likely to be affected by air pollution include children, the elderly, athletes, and people with cardiovascular and chronic respiratory diseases. Facilities and structures where these air pollution-sensitive people live or spend considerable amounts of time are known as sensitive receptors. Land uses where air pollution-sensitive individuals are most likely to spend time include schools and schoolyards, parks and playgrounds, daycare centers, nursing homes, hospitals, and residential communities (sensitive sites or sensitive land uses) (CARB 2005). The SCAQMD identifies sensitive receptors as residences, schools, playgrounds, childcare centers, long-term healthcare facilities, rehabilitation centers, convalescent centers, and retirement homes (SCAQMD 1993). Residential land uses are located along the project site boundary to the east of the project. The closest off-site sensitive receptors to the project site include residences located approximately 30 feet east of the project site boundary.

2.2 Regulatory Setting

2.2.1 Federal Regulations

2.2.1.1 Criteria Air Pollutants

The federal Clean Air Act, passed in 1970 and last amended in 1990, forms the basis for the national air pollution control effort. The EPA is responsible for implementing most aspects of the Clean Air Act, including setting National Ambient Air Quality Standards (NAAQS) for major air pollutants; setting hazardous air pollutant (HAP) standards; approving state attainment plans; setting motor vehicle emission standards; issuing stationary source emission standards and permits; and establishing acid rain control measures, stratospheric O_3 protection measures, and enforcement provisions. Under the Clean Air Act, NAAQS are established for the following criteria pollutants: O_3, CO, NO_2, SO_2, PM_{10}, $PM_{2.5}$, and lead.

The NAAQS describe acceptable air quality conditions designed to protect the health and welfare of the citizens of the nation. The NAAQS (other than for O_3, NO_2, SO_2, PM_{10}, $PM_{2.5}$, and those based on annual averages or

arithmetic mean) are not to be exceeded more than once per year. NAAQS for O_3, NO_2, SO_2, PM_{10}, and $PM_{2.5}$ are based on statistical calculations over 1- to 3-year periods, depending on the pollutant. The Clean Air Act requires the EPA to reassess the NAAQS at least every 5 years to determine whether adopted standards are adequate to protect public health based on current scientific evidence. States with areas that exceed the NAAQS must prepare a state implementation plan that demonstrates how those areas will attain the NAAQS within mandated time frames. A more detailed discussion of the NAAQS, as well as the CAAQS (also discussed in Section 2.2.2.1, Criteria Air Pollutants), is provided in Appendix E.

2.2.1.2 Hazardous Air Pollutants

The 1977 federal Clean Air Act amendments required the EPA to identify National Emission Standards for Hazardous Air Pollutants to protect public health and welfare. HAPs include certain volatile organic chemicals, pesticides, herbicides, and radionuclides that present a tangible hazard, based on scientific studies of exposure to humans and other mammals. Under the 1990 federal Clean Air Act Amendments, which expanded the control program for HAPs, 189 substances and chemical families were identified as HAPs.

2.2.2 State Regulations

2.2.2.1 Criteria Air Pollutants

The federal Clean Air Act delegates the regulation of air pollution control and the enforcement of the NAAQS to the states. In California, the task of air quality management and regulation has been legislatively granted to CARB, with subsidiary responsibilities assigned to air quality management districts and air pollution control districts at the regional and county levels. CARB, which became part of the California Environmental Protection Agency in 1991, is responsible for ensuring implementation of the California Clean Air Act of 1988, responding to the federal Clean Air Act, and regulating emissions from motor vehicles and consumer products.

CARB has established CAAQS, which are generally more restrictive than the NAAQS. As stated previously, an ambient air quality standard defines the maximum amount of a pollutant, averaged over a specified period of time, that can be present in outdoor air without harm to the public's health. For each pollutant, concentrations must be below the relevant CAAQS before a basin can attain the corresponding CAAQS. Air quality is considered "in attainment" if pollutant levels are continuously below the CAAQS and violate the standards no more than once each year. The CAAQS for O_3, CO, SO_2 (1-hour and 24-hour), NO_2, PM_{10}, and $PM_{2.5}$ and visibility-reducing particles are values that are not to be exceeded.

California air districts have based their thresholds of significance for CEQA purposes on the levels that scientific and factual data demonstrate that the air basin can accommodate without affecting the attainment date for the NAAQS or CAAQS. Since an ambient air quality standard is based on maximum pollutant levels in outdoor air that would not harm the public's health, and air district thresholds pertain to attainment of the ambient air quality standard, this means that the thresholds established by air districts are also protective of human health.

All others are not to be equaled or exceeded. The NAAQS and CAAQS are presented in Table 1.

Table 1. Ambient Air Quality Standards

Pollutant	Averaging Time	California Standards[a]	National Standards[b]	
		Concentration[c]	*Primary*[c,d]	*Secondary*[c,e]
O_3	1 hour	0.09 ppm (180 μg/m³)	—	Same as Primary Standard[f]
	8 hours	0.070 ppm (137 μg/m³)	0.070 ppm (137 μg/m³)[f]	
NO_2[g]	1 hour	0.18 ppm (339 μg/m³)	0.100 ppm (188 μg/m³)	Same as Primary Standard
	Annual Arithmetic Mean	0.030 ppm (57 μg/m³)	0.053 ppm (100 μg/m³)	
CO	1 hour	20 ppm (23 mg/m³)	35 ppm (40 mg/m³)	None
	8 hours	9.0 ppm (10 mg/m³)	9 ppm (10 mg/m³)	
SO_2[h]	1 hour	0.25 ppm (655 μg/m³)	0.075 ppm (196 μg/m³)	—
	3 hours	—	—	0.5 ppm (1,300 μg/m³)
	24 hours	0.04 ppm (105 μg/m³)	0.14 ppm (for certain areas)[g]	—
	Annual	—	0.030 ppm (for certain areas)[g]	—
PM_{10}[i]	24 hours	50 μg/m³	150 μg/m³	Same as Primary Standard
	Annual Arithmetic Mean	20 μg/m³	—	
$PM_{2.5}$[i]	24 hours	—	35 μg/m³	Same as Primary Standard
	Annual Arithmetic Mean	12 μg/m³	12.0 μg/m³	15.0 μg/m³
Lead[j,k]	30-day Average	1.5 μg/m³	—	—
	Calendar Quarter	—	1.5 μg/m³ (for certain areas)[k]	Same as Primary Standard
	Rolling 3-Month Average	—	0.15 μg/m³	
Hydrogen sulfide	1 hour	0.03 ppm (42 μg/m³)	—	—
Vinyl chloride[j]	24 hours	0.01 ppm (26 μg/m³)	—	—
Sulfates	24- hours	25 μg/m³	—	—
Visibility reducing particles	8 hour (10:00 a.m. to 6:00 p.m. PST)	Insufficient amount to produce an extinction coefficient of 0.23 per kilometer due to the number of particles when the relative humidity is less than 70%	—	—

Source: CARB 2016c.

Notes: μg/m³ = micrograms per cubic meter; mg/m³= milligrams per cubic meter; ppm = parts per million by volume; O_3 = ozone; NO_2 = nitrogen dioxide; CO = carbon monoxide; SO_2 = sulfur dioxide; PM_{10} = particulate matter with an aerodynamic diameter less than or equal to 10 microns; $PM_{2.5}$ = particulate matter with an aerodynamic diameter less than or equal to 2.5 microns.

[a] California standards for O_3, CO, SO_2 (1-hour and 24-hour), NO_2, suspended particulate matter (PM_{10}, $PM_{2.5}$), and visibility-reducing particles are values that are not to be exceeded. All others are not to be equaled or exceeded. CAAQS are listed in the Table of Standards in Section 70200 of Title 17 of the California Code of Regulations.

[b] National standards (other than O_3, NO_2, SO_2, particulate matter, and those based on annual averages or annual arithmetic mean) are not to be exceeded more than once per year. The O_3 standard is attained when the fourth highest 8-hour concentration measured at each site in a year, averaged over 3 years, is equal to or less than the standard. For PM_{10}, the 24-hour standard is attained when the expected number of days per calendar year with a 24-hour average concentration above 150 µg/m³ is equal to or less than 1. For $PM_{2.5}$, the 24-hour standard is attained when 98% of the daily concentrations, averaged over 3 years, are equal to or less than the standard.

[c] Concentration expressed first in units in which it was promulgated. Equivalent units given in parentheses are based on a reference temperature of 25°C and a reference pressure of 760 torr. Most measurements of air quality are to be corrected to a reference temperature of 25°C and a reference pressure of 760 torr; ppm in this table refers to ppm by volume, or micromoles of pollutant per mole of gas.

[d] National Primary Standards: The levels of air quality necessary, with an adequate margin of safety, to protect the public health.

[e] National Secondary Standards: The levels of air quality necessary to protect the public welfare from any known or anticipated adverse effects of a pollutant.

[f] On October 1, 2015, the national 8-hour O_3 primary and secondary standards were lowered from 0.075 to 0.070 ppm.

[g] To attain the national 1-hour standard, the 3-year average of the annual 98th percentile of the 1-hour daily maximum concentrations at each site must not exceed 100 parts per billion (ppb). Note that the national 1-hour standard is in units of ppb. California standards are in units of ppm. To directly compare the national 1-hour standard to the California standards, the units can be converted from ppb to ppm. In this case, the national standard of 100 ppb is identical to 0.100 ppm.

[h] On June 2, 2010, a new 1-hour SO_2 standard was established, and the existing 24-hour and annual primary standards were revoked. To attain the national 1-hour standard, the 3-year average of the annual 99th percentile of the 1-hour daily maximum concentrations at each site must not exceed 75 ppb. The 1971 SO_2 national standards (24-hour and annual) remain in effect until 1 year after an area is designated for the 2010 standard, except that in areas designated nonattainment of the 1971 standards, the 1971 standards remain in effect until implementation plans to attain or maintain the 2010 standards are approved.

[i] On December 14, 2012, the national annual $PM_{2.5}$ primary standard was lowered from 15 µg/m³ to 12.0 µg/m³. The existing national 24-hour $PM_{2.5}$ standards (primary and secondary) were retained at 35 µg/m³, as was the annual secondary standard of 15 µg/m³. The existing 24-hour PM_{10} standards (primary and secondary) of 150 µg/m³ were also retained. The form of the annual primary and secondary standards is the annual mean averaged over 3 years.

[j] CARB has identified lead and vinyl chloride as TACs with no threshold level of exposure for adverse health effects determined. These actions allow for the implementation of control measures at levels below the ambient concentrations specified for these pollutants.

[k] The national standard for lead was revised on October 15, 2008, to a rolling 3-month average. The 1978 lead standard (1.5 µg/m³ as a quarterly average) remains in effect until 1 year after an area is designated for the 2008 standard, except that in areas designated nonattainment for the 1978 standard, the 1978 standard remains in effect until implementation plans to attain or maintain the 2008 standard are approved.

2.2.2.2 Toxic Air Contaminants

The state Air Toxics Program was established in 1983 under Assembly Bill (AB) 1807 (Tanner). The California TAC list identifies more than 700 pollutants, of which carcinogenic and non-carcinogenic toxicity criteria have been established for a subset of these pollutants pursuant to the California Health and Safety Code. In accordance with AB 2728, the state list includes the (federal) HAPs. In 1987, the Legislature enacted the Air Toxics "Hot Spots" Information and Assessment Act of 1987 (AB 2588) to address public concern over the release of TACs into the atmosphere. AB 2588 law requires facilities emitting toxic substances to provide local air pollution control districts with information that will allow an assessment of the air toxics problem, identification of air toxics emissions sources, location of resulting hotspots, notification of the public exposed to significant risk, and development of effective strategies to reduce potential risks to the public over 5 years. TAC emissions from individual facilities are quantified and prioritized. "High-priority" facilities are required to perform a health risk assessment (HRA), and if specific thresholds are exceeded, the facility operator is required to communicate the results to the public in the form of notices and public meetings.

In 2000, CARB approved a comprehensive Diesel Risk Reduction Plan to reduce diesel emissions from both new and existing diesel-fueled vehicles and engines (CARB 2000). The regulation is anticipated to result in an 80% decrease in statewide diesel health risk in 2020 compared with the diesel risk in 2000. Additional regulations

apply to new trucks and diesel fuel, including the On-Road Heavy Duty Diesel Vehicle (In-Use) Regulation, the On-Road Heavy Duty (New) Vehicle Program, the In-Use Off-Road Diesel Vehicle Regulation, and the New Off-Road Compression-Ignition (Diesel) Engines and Equipment program. These regulations and programs have timetables by which manufacturers must comply and existing operators must upgrade their diesel-powered equipment. There are several Airborne Toxic Control Measures that reduce diesel emissions, including In-Use Off-Road Diesel-Fueled Fleets (13 CCR 2449 et seq.) and In-Use On-Road Diesel-Fueled Vehicles (13 CCR 2025).

California Health and Safety Code Section 41700

Section 41700 of the Health and Safety Code states that a person shall not discharge from any source whatsoever quantities of air contaminants or other material that cause injury, detriment, nuisance, or annoyance to any considerable number of persons or to the public; or that endanger the comfort, repose, health, or safety of any of those persons or the public; or that cause, or have a natural tendency to cause, injury or damage to business or property. This section also applies to sources of objectionable odors.

2.2.3 Local Regulations

2.2.3.1 South Coast Air Quality Management District

The SCAQMD is the regional agency responsible for the regulation and enforcement of federal, state, and local air pollution control regulations in the SCAB, where the project is located. The SCAQMD operates monitoring stations in the SCAB, develops rules and regulations for stationary sources and equipment, prepares emissions inventory and air quality management planning documents, and conducts source testing and inspections. The SCAQMD's Air Quality Management Plans (AQMPs) include control measures and strategies to be implemented to attain state and federal ambient air quality standards in the SCAB. The SCAQMD then implements these control measures as regulations to control or reduce criteria pollutant emissions from stationary sources or equipment.

The most recent adopted AQMP is the 2016 AQMP (SCAQMD 2017), which was adopted by the SCAQMD governing board on March 3, 2017. The 2016 AQMP is a regional blueprint for achieving air quality standards and healthful air. The 2016 AQMP represents a new approach, focusing on available, proven, and cost effective alternatives to traditional strategies, while seeking to achieve multiple goals in partnership with other entities promoting reductions in GHGs and toxic risk, as well as efficiencies in energy use, transportation, and goods movement (SCAQMD 2017a). Because mobile sources are the principal contributor to the SCAB's air quality challenges, the SCAQMD has been and will continue to be closely engaged with CARB and the EPA, who have primary responsibility for these sources. The 2016 AQMP recognizes the critical importance of working with other agencies to develop funding and other incentives that encourage the accelerated transition of vehicles, buildings, and industrial facilities to cleaner technologies in a manner that benefits not only air quality but also local businesses and the regional economy. These "win-win" scenarios are key to implementation of this 2016 AQMP with broad support from a wide range of stakeholders.

Applicable Rules

Emissions that would result from mobile, area, and stationary sources during construction and operation of the project are subject to the rules and regulations of the SCAQMD. The SCAQMD rules applicable to the project may include the following:

- **Rule 401 – Visible Emissions:** This rule establishes the limit for visible emissions from stationary sources.
- **Rule 402 – Nuisance:** This rule prohibits the discharge of air pollutants from a facility that cause injury, detriment, nuisance, or annoyance to the public or damage to business or property.
- **Rule 403 – Fugitive Dust:** This rule requires fugitive dust sources to implement best available control measures for all sources and prohibits all forms of visible particulate matter from crossing any property line. SCAQMD Rule 403 is intended to reduce PM_{10} emissions from any transportation, handling, construction, or storage activity that has the potential to generate fugitive dust.
- **Rule 431.2 – Sulfur Content of Liquid Fuels:** The purpose of this rule is to limit the sulfur content in diesel and other liquid fuels for the purpose of reducing the formation of SO_x and particulates during combustion and of enabling the use of add-on control devices for diesel-fueled internal combustion engines. The rule applies to all refiners, importers, and other fuel suppliers such as distributors, marketers, and retailers, as well as to users of diesel, low-sulfur diesel, and other liquid fuels for stationary-source applications in the SCAQMD. The rule also affects diesel fuel supplied for mobile sources.
- **Rule 461 – Gasoline Transfer and Dispensing:** This rule requires testing of vapor recovery systems for gasoline dispensing facilities from certified vapor recovery testing companies and contractors. This rule applies to the transfer of gasoline from any tank truck, trailer, or railroad tank car into any stationary storage tank or mobile fueler, and from any stationary storage tank or mobile fueler into any mobile fueler or motor fuel tank.
- **Rule 1110.2 – Emissions from Gaseous- and Liquid-Fueled Engines:** This rule applies to stationary and portable engines rated at greater than 50 horsepower. The purpose of Rule 1110.2 is to reduce NO_x, VOCs, and CO emissions from engines. Emergency engines, including those powering standby generators, are generally exempt from the emissions and monitoring requirements of this rule because they have permit conditions that limit operation to 200 hours or less per year as determined by an elapsed operating time meter.
- **Rule 1113 – Architectural Coatings:** This rule requires manufacturers, distributors, and end users of architectural and industrial maintenance coatings to reduce VOC emissions from the use of these coatings, primarily by placing limits on the VOC content of various coating categories.

2.2.3.2 Southern California Association of Governments

The Southern California Association of Governments (SCAG) is the regional planning agency for Los Angeles, Orange, Ventura, Riverside, San Bernardino, and Imperial Counties and serves as a forum for regional issues relating to transportation, the economy, community development, and the environment. SCAG serves as the federally designated metropolitan planning organization for the Southern California region and is the largest metropolitan planning organization in the United States.

With respect to air quality planning and other regional issues, SCAG has prepared the 2008 Regional Comprehensive Plan: Helping Communities Achieve a Sustainable Future (2008 RCP) for the region (SCAG 2008). The 2008 RCP sets the policy context in which SCAG participates in and responds to the SCAQMD air quality plans

and builds off the SCAQMD AQMP processes that are designed to meet health-based criteria pollutant standards in several ways (SCAG 2008). First, it complements AQMPs by providing guidance and incentives for public agencies to consider best practices that support the technology-based control measures in AQMPs. Second, the 2008 RCP emphasizes the need for local initiatives that can reduce the region's GHG emissions that contribute to climate change, an issue that is largely outside the focus of local attainment plans, which is assessed in Chapter 3. Third, the 2008 RCP emphasizes the need for better coordination of land use and transportation planning, which heavily influences the emissions inventory from the transportation sectors of the economy. This also minimizes land use conflicts, such as residential development near freeways, industrial areas, or other sources of air pollution.

On April 7, 2016, SCAG's Regional Council adopted the 2016–2040 Regional Transportation Plan/Sustainable Communities Strategy (2016 RTP/SCS). The 2016 RTP/SCS is a long-range visioning plan that balances future mobility and housing needs with economic, environmental, and public health goals. The 2016 RTP/SCS charts a course for closely integrating land use and transportation so that the region can grow smartly and sustainably. The 2016 RTP/SCS was prepared through a collaborative, continuous, and comprehensive process with input from local governments, county transportation commissions, tribal governments, nonprofit organizations, businesses, and local stakeholders within Imperial, Los Angeles, Orange, Riverside, San Bernardino, and Ventura Counties. In June 2016, SCAG received its conformity determination from the Federal Highway Administration and the Federal Transit Administration indicating that all air quality conformity requirements for the 2016 RTP/SCS and associated 2015 Federal Transportation Improvement Program Consistency Amendment through Amendment 15-12 have been met (SCAG 2016). The SCAQMD 2016 AQMP applies the updated SCAG growth forecasts assumed in the 2016 RTP/SCS.

2.2.3.3 City of Murrieta

The Air Quality Element of the City's General Plan 2035 (City of Murrieta 2011b) includes goals and policies that would be applied to the project related to air quality. These applicable goals and policies are as follows:

GOAL AQ-1 Improved air quality through participation in regional and local efforts.

GOAL AQ-3 Reduced emissions during construction activities.

Policy AQ-3.1 Ensure that construction activities follow current SCAQMD rules, regulations, and thresholds.

Policy AQ-3.2 Ensure all applicable best management practices are used in accordance with the SCAQMD to reduce emitting criteria pollutants during construction.

Policy AQ-3.3 Require all construction equipment for public and private projects comply with CARB's vehicle standards. For projects that may exceed daily construction emissions established by the SCAQMD, Best Available Control Measures will be incorporated to reduce construction emissions to below daily emission standards established by the SCAQMD.

Policy AQ-3.4 Require project proponents to prepare and implement a Construction Management Plan, which will include Best Available Control Measures among others. Appropriate

control measures will be determined on a project by project basis, and should be specific to the pollutant for which the daily threshold is exceeded.

GOAL AQ-5 Air quality is improved through an efficient circulation system, reduced traffic congestion, and reduced vehicle miles traveled.

Policy AQ-5.1 Encourage employers to implement transportation demand management (TDM) measures, such as the following programs to reduce trips and vehicle miles traveled:

- Transit subsidies
- Bicycle facilities
- Alternating work schedules
- Ridesharing
- Telecommuting and work-at-home programs
- Employee education
- Preferential parking for carpools/vanpools

Policy AQ-5.2 Re-designate truck routes away from sensitive land uses including schools, hospitals, elder and childcare facilities, or residences, where feasible.

Policy AQ-5.7 Reduce industrial truck idling by enforcing California's 5-minute maximum law, requiring warehouse and distribution facilities to provide adequate on site truck parking, and requiring refrigerated warehouses to provide generators for refrigerated trucks.

GOAL AQ-6 Stationary source pollution (point source and area source) are minimized through existing and future regulations and new technology.

Policy AQ-6.7 During the design review process, encourage the use of measures to reduce indoor air quality impacts (i.e., air filtration systems, kitchen range top exhaust fans, and low-VOC paint and carpet for new developments busy roadways with significant volumes of heavy truck traffic).

GOAL AQ-7 Particulate matter and fugitive dust emissions are reduced throughout the City.

Policy AQ-7.4 Consider the suspension of all grading operations, not including dust control actions, at construction projects when the source represents a public nuisance or potential safety hazard due to reduced visibility on streets surrounding the property.

The City has established a policy program that addresses air quality through new development and balanced growth, land use compatibility, and coordination and compliance with regulatory agencies and new regulations/requirements. The responsibility of implementing the goals and policies of the Air Quality Element are assigned to the City's Community Development Department, and in some instances, this authority is shared with the SCAQMD and the SCAG.

2.3 Regional and Local Air Quality Conditions

2.3.1 South Coast Air Basin Attainment Designation

Pursuant to the 1990 federal Clean Air Act amendments, the EPA classifies air basins (or portions thereof) as "attainment" or "nonattainment" for each criteria air pollutant, based on whether the NAAQS have been achieved. Generally, if the recorded concentrations of a pollutant are lower than the standard, the area is classified as "attainment" for that pollutant. If an area exceeds the standard, the area is classified as "nonattainment" for that pollutant. If there is not enough data available to determine whether the standard is exceeded in an area, the area is designated as "unclassified" or "unclassifiable." The designation of "unclassifiable/attainment" means that the area meets the standard or is expected to be meet the standard despite a lack of monitoring data. Areas that achieve the standards after a nonattainment designation are re-designated as maintenance areas and must have approved Maintenance Plans to ensure continued attainment of the standards. The California Clean Air Act, like its federal counterpart, called for the designation of areas as "attainment" or "nonattainment," but based on CAAQS rather than the NAAQS. Table 2 depicts the current attainment status of the project site with respect to the NAAQS and CAAQS, as well as the attainment classifications for the criteria pollutants are outlined in Table 2.

Table 2. South Coast Air Basin Attainment Classification

Pollutant	Designation/Classification	
	National Standards	*California Standards*
Ozone (O_3) – 1 hour	No National Standard	**Nonattainment**
Ozone (O_3) – 8 hour	**Extreme Nonattainment**	**Nonattainment**
Nitrogen Dioxide (NO_2)	Unclassifiable/Attainment	Attainment
Carbon Monoxide (CO)	Attainment/Maintenance	Attainment
Sulfur Dioxide (SO_2)	Unclassifiable/Attainment	Attainment
Coarse Particulate Matter (PM_{10})	Attainment/Maintenance	**Nonattainment**
Fine Particulate Matter ($PM_{2.5}$)	**Serious Nonattainment**	**Nonattainment**
Lead (Pb)	**Nonattainment**	Attainment
Hydrogen Sulfide	No National Standard	Unclassified
Sulfates	No National Standard	Attainment
Visibility-Reducing Particles	No National Standard	Unclassified
Vinyl Chloride	No National Standard	No designation

Sources: EPA 2016c (national); CARB 2016d (California).
Notes: Bold text = not in attainment; Attainment = meets the standards; Attainment/Maintenance = achieve the standards after a nonattainment designation; Nonattainment = does not meet the standards; Unclassified or Unclassifiable = insufficient data to classify; Unclassifiable/Attainment = meets the standard or is expected to be meet the standard despite a lack of monitoring data.

In summary, the SCAB is designated as a nonattainment area for federal and state O_3 standards and federal and state $PM_{2.5}$ standards. The SCAB is designated as a nonattainment area for state PM_{10} standards; however, it is designated as an attainment area for federal PM_{10} standards. The SCAB is designated as an attainment area for federal and state CO standards, federal and state NO_2 standards, and federal and state SO_2 standards. While the SCAB has been designated as nonattainment for the federal rolling 3-month average lead standard, it is designated attainment for the state lead standard (EPA 2016c; CARB 2016d).

Despite the current nonattainment status, air quality within the SCAB has generally improved since the inception of air pollutant monitoring in 1976. This improvement is mainly due to lower-polluting on-road motor vehicles, more stringent regulation of industrial sources, and the implementation of emission reduction strategies by the SCAQMD. This trend toward cleaner air has occurred in spite of continued population growth. Despite this growth, air quality has improved significantly over the years, primarily due to the impacts of the region's air quality control program. PM_{10} levels have declined almost 50% since 1990, and $PM_{2.5}$ levels have also declined 50% since measurements began in 1999 (SCAQMD 2013). Similar improvements are observed with O_3, although the rate of O_3 decline has slowed in recent years.

2.3.2 Local Ambient Air Quality

CARB, air districts, and other agencies monitor ambient air quality at approximately 250 air quality monitoring stations across the state. The SCAQMD monitors local ambient air quality at the project site. Air quality monitoring stations usually measure pollutant concentrations 10 feet above ground level; therefore, air quality is often referred to in terms of ground-level concentrations. The most recent background ambient air quality data from 2016 to 2018 are presented in Table 3. The Lake Elsinore monitoring station, located at 506 West Flint Street, Lake Elsinore, California 92530, is the nearest air quality monitoring station to the project site, located approximately 10.3 miles northwest from the project site. The data collected at this station are considered representative of the air quality experienced in the project vicinity. Air quality data for O_3, NO_2, CO, and PM_{10} from the Lake Elsinore monitoring station are provided in Table 3. Because SO_2 and $PM_{2.5}$ are not monitored at the Lake Elsinore monitoring station, SO_2 measurements were taken from the Rubidoux monitoring station (5888 Mission Boulevard, Rubidoux, California 92509, approximately 30 miles northwest from the project site) and $PM_{2.5}$ measurements are taken from the Temecula monitoring station (12705 Pechanga Road, Temecula, California 92592, approximately 11.5 miles southeast from the project site). The number of days exceeding the ambient air quality standards are also shown in Table 3.

Table 3. Local Ambient Air Quality Data

Monitoring Station	Unit	Averaging Time	Agency/ Method	Ambient Air Quality Standard	Measured Concentration by Year			Exceedances by Year		
					2016	*2017*	*2018*	*2016*	*2017*	*2018*
Ozone (O_3)										
Lake Elsinore	ppm	Maximum 1-hour concentration	California	0.09	0.124	0.121	0.116	15	23	23
	ppm	Maximum 8-hour concentration	California	0.070	0.093	0.098	0.095	44	54	30
			National	0.070	0.093	0.098	0.095	44	54	30
Nitrogen Dioxide (NO_2)										
Lake Elsinore	ppm	Maximum 1-hour concentration	California	0.18	0.051	0.049	0.041	0	0	0
			National	0.100	0.0513	0.0490	0.041	0	0	0
	Ppm	Annual concentration	California	0.030	—	—	—	—	—	—
			National	0.053	0.008	0.008	0.009	—	—	—

Table 3. Local Ambient Air Quality Data

Monitoring Station	Unit	Averaging Time	Agency/ Method	Ambient Air Quality Standard	Measured Concentration by Year			Exceedances by Year		
					2016	*2017*	*2018*	*2016*	*2017*	*2018*
Carbon Monoxide (CO)										
Lake Elsinore	ppm	Maximum 1-hour concentration	California	20	—	—	—	—	—	—
			National	35	1.2	1.2	1.1	0	0	0
	ppm	Maximum 8-hour concentration	California	9.0	—	—	—	—	—	—
			National	9	0.6	0.8	0.8	0	0	0
Sulfur Dioxide (SO_2)										
Rubidoux	ppm	Maximum 1-hour concentration	National	0.075	0.056	0.020	0.017	—	—	—
	ppm	Maximum 24-hour concentration	National	0.14	0.0012	0.003	0.001	—	—	—
	ppm	Annual concentration	National	0.030	0.0002	0.0008	0.0005	—	—	—
Coarse Particulate Matter (PM_{10})[b]										
Lake Elsinore	µg/m³	Maximum 24-hour concentration	California	50	—	—	—	—	—	—
			National	150	99	86	104	0	0	0
	µg/m³	Annual concentration	California	20	—	—	—	—	—	—
Fine Particulate Matter ($PM_{2.5}$)[b]										
Temecula	µg/m³	Maximum 24-hour concentration	National	35	18.9	16.7	—	—	—	—
	µg/m³	Annual concentration	California	12	9.8	6.5[a]	—	—	—	—
			National	12.0	9.6[a]	6.5[a]	—	—	—	—

Sources: CARB 2017a; EPA 2016d.

Notes: — = not available; µg/m³ = micrograms per cubic meter; ND = insufficient data available to determine the value; ppm = parts per million

Data taken from CARB iADAM (http://www.arb.ca.gov/adam) and EPA AirData (https://www.epa.gov/outdoor-air-quality-data) represent the highest concentrations experienced over a given year.

Exceedances of national and California standards are only shown for O_3 and particulate matter. Daily exceedances for particulate matter are estimated days because PM_{10} and $PM_{2.5}$ are not monitored daily. All other criteria pollutants did not exceed national or California standards during the years shown. There is no national standard for 1-hour O_3, annual PM_{10}, or 24-hour SO_2, nor is there a California 24-hour standard for $PM_{2.5}$.

Lake Elsinore Monitoring Station is located at 506 W Flint St, Lake Elsinore, California 92530.

Rubidoux Monitoring Station is located 5888 Mission Boulevard, Rubidoux, California 92509.

Temecula Monitoring Station is located at 12705 Pechanga Road, Temecula, California 92592.

[a] Mean does not satisfy minimum data completeness criteria.

[b] Measurements of PM_{10} and $PM_{2.5}$ are usually collected every 6 days and every 1 to 3 days, respectively. Number of days exceeding the standards is a mathematical estimate of the number of days concentrations would have been greater than the level of the standard had each day been monitored. The numbers in parentheses are the measured number of samples that exceeded the standard.

2.4 Significance Criteria and Methodology

2.4.1 Thresholds of Significance

The significance criteria used to evaluate the project impacts to air quality is based on the recommendations provided in Appendix G of the CEQA Guidelines. For the purposes of this air quality analysis, a significant impact would occur if the project would (14 CCR 15000 et seq.):

1. Conflict with or obstruct implementation of the applicable air quality plan.
2. Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard.
3. Expose sensitive receptors to substantial pollutant concentrations.
4. Result in other emissions (such as those leading to odors) adversely affecting a substantial number of people.

Appendix G of the CEQA Guidelines (14 CCR 15000 et seq.) indicates that, where available, the significance criteria established by the applicable air quality management district or air pollution control district may be relied upon to determine whether the project would have a significant impact on air quality.

The SCAQMD has established Air Quality Significance Thresholds, as revised in March 2015, which set forth quantitative emission significance thresholds below which a project would not have a significant impact on ambient air quality under project-level and cumulative conditions. The quantitative air quality analysis provided herein applies the SCAQMD thresholds identified in Table 4 to determine the potential for the project to result in a significant impact under CEQA.

Table 4. South Coast Air Quality Management District Air Quality Significance Thresholds

Criteria Pollutants Mass Daily Thresholds		
Pollutant	*Construction (pounds per day)*	*Operation (pounds per day)*
VOCs	75	55
NO_x	100	55
CO	550	550
SO_x	150	150
PM_{10}	150	150
$PM_{2.5}$	55	55
Lead[a]	3	3
TACs and Odor Thresholds		
TACs[b]	Maximum incremental cancer risk ≥10 in 1 million Cancer Burden >0.5 excess cancer cases (in areas ≥1 in 1 million) Chronic and acute hazard index ≥1.0 (project increment)	
Odor	Project creates an odor nuisance pursuant to SCAQMD Rule 402	

Table 4. South Coast Air Quality Management District Air Quality Significance Thresholds

Criteria Pollutants Mass Daily Thresholds		
Pollutant	*Construction (pounds per day)*	*Operation (pounds per day)*
Ambient Air Quality Standards for Criteria Pollutants[c]		
NO_2 1-hour average NO_2 annual arithmetic mean	SCAQMD is in attainment; project is significant if it causes or contributes to an exceedance of the following attainment standards: 0.18 ppm (state) 0.030 ppm (state) and 0.0534 ppm (federal)	
CO 1-hour average CO 8-hour average	SCAQMD is in attainment; project is significant if it causes or contributes to an exceedance of the following attainment standards: 20 ppm (state) and 35 ppm (federal) 9.0 ppm (state/federal)	
PM_{10} 24-hour average PM_{10} annual average	10.4 μg/m^3 (construction)[d] 2.5 μg/m^3 (operation) 1.0 μg/m^3	
$PM_{2.5}$ 24-hour average	10.4 μg/m^3 (construction)[d] 2.5 μg/m^3 (operation)	

Source: SCAQMD 2019.
Notes: VOC = volatile organic compounds; NO_x = oxides of nitrogen; CO = carbon monoxide; SO_x = sulfur oxides; PM_{10} = coarse particulate matter; $PM_{2.5}$ = fine particulate matter; TAC = toxic air contaminant; SCAQMD = South Coast Air Quality Management District; NO_2 = nitrogen dioxide; ppm = parts per million; μg/m^3 = micrograms per cubic meter.
Greenhouse gas emissions thresholds for industrial projects, as added in the March 2015 revision to the SCAQMD Air Quality Significance Thresholds, were not include included in Table 4 as they are addressed within the greenhouse gas emissions analysis and not the air quality study.

[a] The phase-out of leaded gasoline started in 1976. Since gasoline no longer contains lead, the project is not anticipated to result in impacts related to lead; therefore, it is not discussed in this analysis.
[b] TACs include carcinogens and non-carcinogens.
[c] Ambient air quality standards for criteria pollutants are based on SCAQMD Rule 1303, Table A-2, unless otherwise stated.
[d] Ambient air quality threshold are based on SCAQMD Rule 403.

The evaluation of whether the project would conflict with or obstruct implementation of the applicable air quality plan is based on the SCAQMD CEQA Air Quality Handbook (SCAQMD 1993), Chapter 12, Sections 12.2 and 12.3. The first criterion assesses if the project would result in an increase in the frequency or severity of existing air quality violations or cause or contribute to new violations, or delay the timely attainment of air quality standards of the interim emissions reductions specified in the AQMP, which is addressed in detail under in Section 2.5.2. The second criterion is if the project would exceed the assumptions in the AQMP or increments based on the year of project buildout and phase, as discussed further in Section 2.5.1.

To evaluate the potential for the project to violate any air quality standard or contribute substantially to an existing or projected air quality violation, this analysis applies the SCAQMD's construction and operational criteria pollutants mass daily thresholds, as shown in Table 4. A project would result in a substantial contribution to an existing air quality violation of the NAAQS or CAAQS for O_3, which is a nonattainment pollutant, if the project's construction or operational emissions would exceed the SCAQMD VOC or NO_x thresholds shown in Table 4. These emissions-based thresholds for O_3 precursors are intended to serve as a surrogate for an "ozone significance threshold" (i.e., the potential for adverse O_3 impacts to occur). This approach is used because O_3 is not emitted directly (see the discussion of O_3 and its sources in Section 2.1.2, Pollutants and Effects), and the effects of an

individual project's emissions of O_3 precursors (VOC and NO_x) on O_3 levels in ambient air cannot be determined through air quality models or other quantitative methods.

The assessment of the project's potential to expose sensitive receptors to substantial pollutant concentrations includes a localized significance threshold (LST) analysis, as recommended by the SCAQMD, to evaluate the potential of localized air quality impacts to sensitive receptors in the immediate vicinity of the project from construction. For project sites of 5 acres or less, the SCAQMD LST Methodology (2009) includes lookup tables that can be used to determine the maximum allowable daily emissions that would satisfy the localized significance criteria (i.e., the emissions would not cause an exceedance of the applicable concentration limits for NO_2, CO, PM_{10}, and $PM_{2.5}$) without performing project-specific dispersion modeling. Although the proposed development area of the site is greater than 5 acres (estimated to be 26 acres), the project would disturb less than 5 acres in 1 day, as discussed in detail in the following text, so it is appropriate to use the lookup tables for the LST evaluation.

The LST significance thresholds for NO_2 and CO represent the allowable increase in concentrations above background levels in the vicinity of a project that would not cause or contribute to an exceedance of the relevant ambient air quality standards, while the threshold for PM_{10} represents compliance with Rule 403 (Fugitive Dust). The LST significance threshold for $PM_{2.5}$ is intended to ensure that construction emissions do not contribute substantially to existing exceedances of the $PM_{2.5}$ ambient air quality standards. The allowable emission rates depend on the following parameters:

- Source-receptor area (SRA) in which the project is located
- Size of the project site
- Distance between the project site and the nearest sensitive receptor (e.g., residences, schools, hospitals)

The project site is located in SRA 26 (Temecula Valley). The SCAQMD provides guidance for applying the California Emissions Estimator Model (CalEEMod) to the LSTs. LST pollutant screening level concentration data is currently published for 1-, 2-, and 5-acre sites for varying distances. The maximum number of acres disturbed on the peak day was estimated using the "Fact Sheet for Applying CalEEMod to Localized Significance Thresholds" (SCAQMD 2011a), which provides estimated acres per 8-hour day for crawler tractors, graders, rubber-tired dozers, and scrapers. Based on the SCAQMD guidance, and assuming an excavator can grade 0.5 acres per 8-hour day (similar to graders, dozers, and tractors), it was estimated that the maximum acres on the project site that would be disturbed by off-road equipment would be 4 acres per day (three excavators, two dozers, and three tractors operating during the grading phase). Because the total disturbed acreage would be 26 acres over approximately 136 days, the estimate of 4 acres per day of disturbance is conservative. The SCAQMD lookup table does not include 4 acres; thus, the lookup table values for 2-acre and 5-acre sites within SRA 26 were interpolated.

The nearest sensitive-receptor land use (a residence) is located approximately 30 feet east of the project property boundary, approximately 160 feet or more from actual building construction work. As such, the LST receptor distance was assumed to be 82 feet (25 meters), which is the shortest distance provided by the SCAQMD lookup tables. The LST values from the SCAQMD lookup tables for SRA 26 (Temecula Valley) for an interpolated 4-acre project site and a receptor distance of 25 meters are shown in Table 5.

Table 5. Construction Localized Significance Thresholds for Source Receptor Area 26 (Temecula Valley)

Pollutant	Threshold (pounds per day)
NO_2	325
CO	1,677
PM_{10}	11
$PM_{2.5}$	7

Source: SCAQMD 2009.
Notes: NO_2 = nitrogen dioxide; CO = carbon monoxide; PM_{10} = coarse particulate matter; $PM_{2.5}$ = fine particulate matter.
Localized significance thresholds (LSTs) were determined based on the values for an interpolated 4-acre site at a distance of 25 meters from the nearest sensitive receptor.

The methodology to evaluate of CO hotspots is detailed in Section 2.4.2.3, as follows. Similarly, the construction HRA methodology and assumptions are presented in Section 2.4.2.4 and 2.4.2.5. The construction HRA applies the SCAQMD risk thresholds presented in Table 4, which are a maximum incremental cancer risk greater than or equal to 10 in 1 million and a chronic hazard index greater than or equal to 1.0 (project increment). The CO hotspot assessment and construction HRA are evaluated under the potential for the project to expose sensitive receptors to substantial pollutant concentrations (Section 2.5.4), along with the LST analysis.

The potential for the project to result in other emissions, specifically an odor impact (Section 2.5.5), is based on the project's land use type and anticipated construction activity, and the potential for the project to create an odor nuisance pursuant to SCAQMD Rule 402.

2.4.2 Approach and Methodology

2.4.2.1 Construction Emissions

Emissions from the construction phase of the project were estimated using CalEEMod Version 2016.3.2. Construction scenario assumptions, including phasing, equipment mix, and vehicle trips, were based on information provided by the project applicant and CalEEMod default values when project specifics were not known.

For purposes of estimating project emissions, and based on information provided by the project applicant, it is assumed that construction of the project would commence in September 2020[5] and would last approximately 14 months, ending in November 2021. Construction would occur 5 days per week for all construction phases for Vineyard II and the Costco grading phase, and construction would occur 6 days per week for the remaining Costco construction phases. The analysis contained herein is based on the following assumptions (duration of phases is approximate):

[5] The analysis assumes a construction start date of September 2020, which represents the earliest date construction would initiate. Assuming the earliest start date for construction represents the worst-case scenario for criteria air pollutant and GHG emissions because equipment and vehicle emission factors for later years would be slightly less due to more stringent standards for in-use off-road equipment and heavy-duty trucks, as well as fleet turnover replacing older equipment and vehicles in later years.

Costco:

- Site Preparation: 2 months (September 2020–November 2020)
- Grading: 6 months (September 2020–April 2021)
- Building Construction: 3 months (November 2020–March 2021)
- Paving: 1 month (January 2021–February 2021)
- Architectural Coating: 2 months (January 2021–March 2021)

Vineyard II Retail Development:

- Phase I Site Preparation: 10 days (November 2020–December 2020)
- Phase I Grading and Trenching: 3 months (November 2020–February 2021)
- Phase I Building Construction: 5 months (January 2021–June 2021)
- Phase I Paving: 1 month (April 2021–May 2021)
- Phase I Architectural Coating: 1 month (April 2021–May 2021)
- Phase II Precise Grading and Footing Trenching: 6 months (May 2021–November 2021)
- Phase II Building Construction: 4 months (July 2021–October 2021)
- Phase II Paving: 1 month (September 2021–September 2021)
- Phase II Architectural Coating: 1 month (August 2021–September 2021)

Warm Springs Parkway:

- Grading: 3 months (September 2020–December 2020)
- Paving: 1 month (December 2020–December 2020)

Vendor truck trips of two deliveries per day, 3 days per week for the building construction phase were based on applicant-provided data. Construction-worker estimates by construction phase were based on CalEEMod default values. Grading would include 209,000 cubic yards of cut and 125,600 cubic yards of fill, resulting in 83,600 cubic yards of soil for export (67,300 cubic yards export for Costco and 16,300 cubic yards for Vineyard II and Warm Springs Parkway). Assuming a haul truck capacity of 16 cubic yards per truck, earth-moving activities would result in approximately 5,225 round trips (10,450 one-way truck trips) during the grading phase. Construction of Warm Springs Parkway would include 100 one-way truck trips of soil export for the grading phase and 250 one-way truck trips of base material for the paving phase. CalEEMod default trip length values were used for the distances for all construction-related trips.

The construction equipment mix and vehicle trips used for estimating the project-generated construction emissions are shown in Table 6.

Table 6. Construction Scenario Assumptions

Construction Phase	One-Way Vehicle Trips			Equipment		
	Average Daily Worker Trips	*Average Daily Vendor Truck Trips*	*Total Haul Truck Trips*	*Equipment Type*	*Quantity*	*Usage Hours*
Costco						
Site Preparation	18	0	0	Rubber-Tired Dozers	3	8
				Tractors/Loaders/ Backhoes	4	8
Grading	15	0	8,413	Excavators	1	8
				Graders	1	8
				Rubber-Tired Dozers	1	8
				Tractors/Loaders/Dozers	3	8
Building Construction	154	66	0	Cranes	1	7
				Forklifts	3	8
				Generator Sets	1	8
				Tractors/Loaders/ Backhoes	3	7
				Welders	1	8
Paving	15	0	0	Pavers	2	8
				Paving Equipment	2	8
				Rollers	2	8
Architectural Coating	31	0	0	Air Compressors	1	6
Vineyard II						
Phase I Site Preparation	13	0	0	Rubber-Tired Dozers	3	8
				Tractors/Loaders/ Backhoes	1	8
				Tractors/Loaders/ Backhoes	1	6
Phase I Grading and Trenching	23	0	2,038	Rubber-Tired Dozer	1	8
				Excavator	3	8
				Tractors/Loaders/ Backhoes	2	8
				Scrapers	2	8
				Grader	1	8
Phase I Building Construction	216	85	0	Crane	1	8
				Forklift	1	6
				Generators	6	6
				Tractors/Loaders/ Backhoes	1	8
				Tractors/Loaders/ Backhoes	3	7
				Welders	4	6
				Air Compressor	1	6

Table 6. Construction Scenario Assumptions

Construction Phase	One-Way Vehicle Trips			Equipment		
	Average Daily Worker Trips	*Average Daily Vendor Truck Trips*	*Total Haul Truck Trips*	*Equipment Type*	*Quantity*	*Usage Hours*
Phase I Paving	8	0	0	Mortar Mixers	1	8
				Paving Equipment	1	8
				Rollers	1	8
Phase I Architectural Coating	43	0	0	Air Compressor	1	6
Phase II Precise Grading and Footing Trenching	15	0	0	Excavator	2	8
				Grader	1	8
				Tractors/Loaders/ Backhoes	2	8
				Rubber-Tired Dozer	1	6
Phase II Building Construction	216	85	0	Crane	1	8
				Forklift	1	6
				Generators	2	6
				Tractors/Loaders/ Backhoes	1	8
				Welders	4	6
				Air Compressor	1	8
Phase II Paving	10	0	0	Tractors/Loaders/ Backhoes	1	8
				Paving Equipment	1	8
				Rollers	2	8
Phase II Architectural Coating	43	0	0	Air Compressor	1	6
Warm Springs Parkway						
Grading	15	0	100	Rubber-Tired Dozer	1	8
				Excavator	1	8
				Tractors/Loaders/ Backhoes	3	8
				Grader	1	8
Paving	15	0	250	Pavers	2	8
				Paving Equipment	2	8
				Rollers	2	6

Notes: See Appendix A for details.

As discussed in Section 1.5, Dust Control Strategies, the project would implement dust control strategies as a project design feature. To reflect implementation of proposed dust control strategies, the following was assumed in CalEEMod:

- Water exposed area three times per day (61% reduction in PM_{10} and $PM_{2.5}$).

- As a surrogate for watering unpaved road three times per day, the "soil stabilizer for unpaved" option was used assuming a 61% reduction in PM_{10} and $PM_{2.5}$.
- Limit vehicle travel on unpaved roads to 15 miles per hour.
- Dirt and debris spilled onto paved surfaces at the project site and on the adjacent roadways shall be swept, vacuumed, and/or washed at the end of each workday (26% reduction in PM).

Rock Popping

Rock-crushing and rock-popping operations would be required for site preparation. Rock popping involves lower intensity splitting of rock using an air drill with two 8-foot stems and two gun powder caps. It is anticipated that rock popping operations would occur during the grading phase over a 60-day period. A maximum of two rocks would be popped per day, and a total of 25 rocks would be popped. Each rock would require 40 grams of black powder for popping. Emission factors were obtained from AP-42, Section 13.3-1, Detonation of Explosives (EPA 1995), for black powder, potassium nitrate/charcoal sulfur. Rock popping involves lower intensity, non-detonating, splitting of rock using an air drill with an 8-foot stem and gunpowder caps.

Rock Crushing

In addition to rock-popping emissions, emissions associated with rock crushing were quantified in a separate calculation, since CalEEMod does not account for rock crushing. Emission factors were obtained from AP-42, Section 11.9.2, Crushed Stone Processing and Pulverized Mineral Processing (EPA 2004). For transfers to the feed hopper and stockpiles, the "drop" equation in Section 13.2.4, Aggregate Handling and Storage Piles, of AP-42 (EPA 2006) was used to derive an emission factor. It was assumed that a total of 13,000 tons of rock would be processed over a 60-day period, or 217 tons of rock processed per day, for construction of Costco. It was assumed that a total of 2,000 tons of rock would be processed over a 10-day period, or 200 tons of rock processed per day, for construction of Warm Springs Parkway.

The number and types of rock-crushing equipment were obtained from the SCAQMD Permit to Operate. Based on the SCAQMD Permit to Construct, ID 180912, Application Number 588969, the rock-crushing equipment consists of a hopper, jaw crusher, screen, cone crusher, and conveyors, and the crushed rock would be stockpiled for future use. As specified in the permit condition, particulate emissions from the crushers, screens, and conveyors would be controlled with water sprays.

The rock-crushing equipment would be powered by a 350-horsepower (hp), 156-hp, 325-hp, and 85-hp diesel-engine generators. The diesel-engine generators would operate up to 8 hours per day. The VOC, NO_x, CO, SO_x, PM_{10}, and $PM_{2.5}$ emissions from the diesel-engine generators were estimated using the off-road-engine load factor and emissions factors from the CalEEMod User's Guide for a typical generator operating in 2020 (the first year of construction).

Blasting

Blasting operations would be required for construction of Warm Springs Parkway. Rock blasting is the controlled use of explosives to excavate, break down, or remove rock. The result of rock blasting is often known as a rock cut. The most commonly used explosives today are ammonium nitrate/fuel oil (ANFO) based blends due to their lower cost compared to dynamite. The chemistry of ANFO detonation is the reaction of ammonium nitrate with a long-chain alkane to form NO_x, carbon dioxide, and water. When detonation conditions are optimal, these gases are the only

products. In practical use, such conditions are impossible to attain, and blasts produce moderate amounts of other gases. The EPA's Compilation of Air Pollutant Emission Factors (AP-42), Section 13.3 – Explosives Detonation (EPA 1980), provided the emissions factors for CO, NO_x, and SO_x used in this assessment. According to AP-42, "Unburned hydrocarbons also result from explosions, but in most instances, methane is the only species that has been reported" (EPA 1980); methane is not a VOC, and a methane emission factor has not been determined for ANFO.

AP-42 states that CO is the pollutant produced in greatest quantity from explosives detonation. All explosives produce measurable amounts of CO. Particulates are produced as well, but such large quantities of particulate are generated during shattering of the rock and earth by the explosive that the quantity of particulates from the explosive charge cannot be distinguished. Accordingly, AP-42, Section 11.9 – Western Surface Coal Mining (EPA 1998), provided the basis for the PM_{10} and $PM_{2.5}$ emissions factors. The emissions factors are based on the horizontal area disturbed during blasting. The cubic yards and area to be blasted were provided by the applicant.

It is anticipated that blasting operations would occur during the grading phase. Based on similar blasting activities and data provided by the applicant, an average of 0.10 tons of ANFO would be applied per blast, 200 cubic yards of rock would be blasted per blast and 1,000 total cubic yards of rock would be blasted for the project, and there would be a maximum of 1 blast per day and 5 total blasts for the project.

Rock-popping, rock-crushing, and blasting emissions calculations are provided in Appendix B.

2.4.2.2 Operational Emissions

Emissions from the operational phase of the project were estimated using CalEEMod Version 2016.3.2. Operational year 2021 was assumed consistent with completion of project construction.

Costco and Vineyard II would incorporate the PDFs summarized in Section 1.4.

Area Sources

CalEEMod was used to estimate operational emissions from area sources, including emissions from consumer product use, architectural coatings, landscape maintenance equipment, and the gasoline dispensing facility. Emissions associated with natural gas usage in space heating and water heating are calculated in the building energy use module of CalEEMod, as described in the following text.

Consumer products are chemically formulated products used by household and institutional consumers, including detergents; cleaning compounds; polishes; floor finishes; cosmetics; personal care products; home, lawn, and garden products; disinfectants; sanitizers; aerosol paints; and automotive specialty products. Other paint products, furniture coatings, or architectural coatings are not considered consumer products (CAPCOA 2017). Consumer product VOC emissions are estimated in CalEEMod based on the floor area of nonresidential buildings and on the default factor of pounds of VOC per building square foot per day. For parking lot land uses, CalEEMod estimates VOC emissions associated with use of parking surface degreasers based on a square footage of parking surface area and pounds of VOC per square foot per day.

VOC off-gassing emissions result from evaporation of solvents contained in surface coatings such as in paints and primers using during building maintenance. CalEEMod calculates the VOC evaporative emissions from application of nonresidential surface coatings based on the VOC emission factor, the building square footage,

the assumed fraction of surface area, and the reapplication rate. The VOC emission factor is based on the VOC content of the surface coatings, and SCAQMD's Rule 1113 (Architectural Coatings) governs the VOC content for interior and exterior coatings. The model default reapplication rate of 10% of area per year is assumed. Consistent with CalEEMod defaults, it is assumed that the nonresidential surface area for painting equals 2.0 times the floor square footage, with 75% assumed for interior coating and 25% assumed for exterior surface coating (CAPCOA 2017).

Landscape maintenance includes fuel combustion emissions from equipment such as lawn mowers, rototillers, shredders/grinders, blowers, trimmers, chain saws, and hedge trimmers. The emissions associated from landscape equipment use are estimated based on CalEEMod default values for emission factors (grams per square foot of nonresidential building space per day) and number of summer days (when landscape maintenance would generally be performed) and winter days. For Riverside County, the average annual "summer" days are estimated to 365 days; however, it is assumed that landscaping equipment would likely only operate during the week (not weekends), so operational days were assumed to be 250 days per year in CalEEMod (CAPCOA 2017).

The project applicant would use floor sealant that contains no VOCs over 80% of the floor area in the Costco Warehouse; however, emission reductions from using no VOC floor sealant was not quantified.

VOC emissions from the proposed gas station loading, breathing, refueling, hose permeation, and spillage were quantified in a spreadsheet model using the emission factors from SCAQMD's Risk Assessment Procedures (SCAQMD 2017b) and based on the gas station's annual throughput of 26 million gallons per year.

Energy Sources

As represented in CalEEMod, energy sources include emissions associated with building electricity and natural gas usage. Electricity use would contribute indirectly to criteria air pollutant emissions; however, the emissions from electricity use are only quantified for GHGs in CalEEMod, since criteria pollutant emissions occur at the site of the power plant, which is typically off site.

CalEEMod default values for energy consumption were applied for the project analysis. The energy use from nonresidential building were calculated based on CalEEMod energy intensity values (natural gas usage per square foot per year) from the California Commercial End-Use Survey database.

The project applicant would install direct vent gas water heaters that are 94% more efficient; however, emission reductions were not quantified.

Mobile Sources

Mobile sources for the project would primarily be motor vehicles (automobiles, light-duty trucks, and heavy-duty delivery trucks) traveling to and from the project site. Motor vehicles may be fueled with gasoline, diesel, or alternative fuels. Based on the Transportation Impact Analysis (TIA) prepared for the project by Kittelson & Associates Inc., the proposed development is anticipated to generate 8,378 new daily Costco and gasoline dispensing facility employee, customer, and delivery primary trips and 4,402 new daily Vineyard II employee,

customer, and delivery primary trips, which was assumed for the weekday trip rate.[6,7] The diverted trips are not included in the TIA because these trips are expected to come from I-215 and function as new trips at the study intersections; however, these trips do not create similar system capacity or environmental impacts to the regional system as these are not new trips (Kittelson & Associates Inc. 2020). Although Costco would be open 358 days per year, the annual Costco trips were assumed to occur 365 days per year. Furthermore, the peak Saturday trip rate was conservatively assumed for the daily trip rate.

Emissions from the mobile sources during operation of the project were estimated using a spreadsheet-based model and emission factors from the CARB EMFAC 2017 and EPA AP-42 factors for paved road dust generation. Costco fuel delivery and delivery truck trip lengths were provided by the project applicant and were assumed to be 36.5 miles originating from Colton and 39.9 miles from Mira Loma. Costco customer and employee trip lengths were assumed to be 11.87 miles (Kittelson & Associates Inc. 2020). The CalEEMod default was used for Vineyard II delivery truck trips and customer and employee trip lengths. Vehicle emissions occur during startup, operation (running), and idling, as well as from evaporative losses when the engines are resting. The emissions factors for trucks and passenger vehicles were determined using EMFAC 2017, which generates emissions factors, expressed in grams per mile, grams per trip, and grams per vehicle per day, for the fleet in a class of motor vehicles within a county for a particular study year. For this analysis, Riverside County was selected for the region and calendar year 2021 was selected in EMFAC to represent the project operational start year.

A composite, or weighted-average, emissions factor was developed for project vehicle types if more than one vehicle category in EMFAC is anticipated to be representative of the project vehicle. The composite emission factors are weighted by vehicle miles traveled (VMT), population, or trips depending on the emissions process, which is the physical mechanism that results in the emissions of a pollutant. For customer and employee vehicles, the composite emission factor represents the weighted average emission rate for passenger vehicles, light-duty trucks, motorcycles, motor homes, buses, and a composite mix of gasoline, diesel-fueled, and electric. All delivery trucks were assumed to be a mix of diesel-fueled heavy-heavy-duty and medium-heavy-duty trucks.

Project delivery truck idling would be limited to 5 minutes in accordance with CARB's adopted Airborne Toxic Control Measure; however, for modeling purposes, it was conservatively assumed that the delivery trucks would idle for 15 minutes at the loading dock and prior to exiting the project site. Transport refrigeration units (TRUs) are designed to maintain the temperature inside delivery truck trailers. Electric plug-ins are available at the loading dock; therefore, each TRU was assumed to operate for 30 minutes per visit. Based on data from the applicant, Costco would generate 10 truck delivery trips per day, 5 of which would be equipped with TRUs; Vineyard II would generate 8 truck delivery trips per week, 3 of which would be equipped with TRUs; and Costco gas station would generate 9 truck delivery trips per day. All deliveries would occur Monday through Sunday. The use of forklifts in the loading dock areas would be fueled with compressed natural gas.

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6 The trip rates expected to be generated by Vineyard II were estimated using *Institute of Transportation Engineers Trip Generation Manual, 9th Edition*, for the shopping center land use category (Institute of Transportation Engineers (ITE) Code 820) which accounts for "an integrated group of commercial establishments", as it is proposed for the site. Trip distribution and assignments for the proposed Costco is based on Costco Warehouse membership data as well as review of existing travel patterns in the study area.

7 The emissions modeling assumes that all trips would be primary trips resulting in 100% of the anticipated trip length and does not include pass-by trips, rather than assuming a portion of the total trips are diverted or pass-by, which are associated with reduced trip lengths, to ensure double-counting does not occur and the modeling is consistent with the TIA.

2.4.2.3 Carbon Monoxide Hotspots

Mobile source impacts occur on two scales of motion. Regionally, project-related travel would add to regional trip generation and increase the vehicle miles traveled within the local airshed and the SCAB. Locally, project generated traffic would be added to the City's roadway system near the project site. If such traffic occurs during periods of poor atmospheric ventilation, is composed of a large number of vehicles "cold-started" and operating at pollution-inefficient speeds, and is operating on roadways already crowded with non-project traffic, there is a potential for the formation of microscale CO hotspots in the area immediately around points of congested traffic. Because of continued improvement in vehicular emissions at a rate faster than the rate of vehicle growth and/or congestion, the potential for CO hotspots in the SCAB is steadily decreasing.

Projects contributing to adverse traffic impacts may result in the formation of CO hotspots. To verify that the project would not cause or contribute to a violation of the CO standard, a screening evaluation of the potential for CO hotspots was conducted. The potential for CO hotspots is evaluated based on the results of the TIA (Kittelson & Associates Inc. 2020) and the California Department of Transportation Institute of Transportation (Caltrans) Studies *Transportation Project-Level Carbon Monoxide Protocol* (CO Protocol; Caltrans 1997) was followed. For projects located within an area designated as attainment or unclassified under the CAAQS or NAAQS, the CO Protocol identifies screening criteria for consideration. The first screening criteria focuses on projects that are likely to worsen air quality, which would occur if: a) the project significantly increases the percentage of vehicles operating in cold start mode (greater than 2%), b) the project significantly increases traffic volumes (greater than 5%), and/or c) the project worsens traffic flow. In addition to consideration of whether the project would worsen air quality, CO hotspots are typically evaluated when (1) the level of service (LOS) of an intersection or roadway decreases to LOS E or worse; (2) signalization and/or channelization is added to an intersection; and (3) sensitive receptors such as residences, schools, and hospitals are located in the vicinity of the affected intersection or roadway segment. Appendix C presents the CO hotspot assessment assumptions. This is also discussed in Section 2.5.4.

2.4.2.4 Construction Health Risk Assessment

A HRA was performed to evaluate potential health risk associated with construction of the project. The following discussion summarizes the dispersion modeling and HRA methodology; supporting construction HRA documentation, including detailed assumptions, is presented in Appendix D.

For risk assessment purposes, PM_{10} in diesel exhaust is considered DPM, originating mainly from off-road equipment operating at a defined location for a given length of time at a given distance from sensitive receptors. Less-intensive, more-dispersed emissions result from on road vehicle exhaust (e.g., heavy-duty diesel trucks). For the construction HRA, the CalEEMod scenario for the project was adjusted to reduce diesel truck one-way trip distances to 1,000 feet to estimate emissions from truck pass-by at proximate receptors.

The air dispersion modeling methodology was based on generally accepted modeling practices of SCAQMD (SCAQMD 2018). Air dispersion modeling was performed using the EPA's American Meteorological Society/Environmental Protection Agency Regulatory Model (AERMOD) Version 19191 modeling system (computer software) with the Lakes Environmental Software implementation/user interface, AERMOD View Version 9.8.3. The HRA followed the Office of Environmental Health Hazard Assessment (OEHHA) 2015 guidelines (OEHHA 2015) and SCAQMD guidance to calculate the health risk impacts at all proximate receptors as further

discussed below. The dispersion modeling included the use of standard regulatory default options. AERMOD parameters were selected consistent with the SCAQMD and EPA guidance and identified as representative of the project site and project activities. Based on the construction schedule of 8 hours per day, 6 days per week, the variable emission factor of 3.5 was applied. Principle parameters of this modeling are presented in Table 7.

Table 7. American Meteorological Society/Environmental Protection Agency Regulatory Model Principle Parameters

Parameter	Details
Meteorological Data	AERMOD-specific meteorological data for the Lake Elsinore air monitoring station (ELSI) was used for the dispersion modeling. A 5-year meteorological data set from 2012 through 2016 was obtained from the SCAQMD in a preprocessed format suitable for use in AERMOD.
Urban versus Rural Option	Urban dispersion option was selected due to the developed nature of the project area and per SCAQMD guidelines.
Terrain Characteristics	The elevation of the site is 1,550 feet (472 meters) above sea level.
Elevation Data	Digital elevation data were imported into AERMOD and elevations were assigned to receptors and emission sources, as necessary. Digital elevation data were obtained through the AERMOD View in the United States Geological Survey's National Elevation Dataset format with a resolution of 1/3 degree (approximately 10 meters), consistent with the SCAQMD guidance (SCAQMD 2018).
Source Release Characterizations	Air dispersion modeling of DPM emissions was conducted assuming the equipment would operate in accordance with the modeling scenario estimated in CalEEMod (Appendix A). The construction equipment DPM emissions were modeled as a line of adjacent volume sources across the project site to represent project construction with a release height of 5 meters, plume height of 2.33 meters, and plume width of 11.63 meters (SCAQMD 2008; EPA 2004). On-site truck travel was modeled as lines of adjacent volume sources, and based on EPA methodology, the modeled sources would result in a release height of 3.4 meters, a plume height of 3.16 meters, and a plume width of 3.12 meters (EPA 2015). The 350 hp and 325 hp diesel-engine generators were modeled as a point source with a stack height of 8.2 feet, inside stack diameter of 5.3 inches, stack temperature of 931°F, and exhaust flow rate of 1,829 standard cubic feet per minute (scfm). The 156 hp diesel-engine generator was modeled as a point source with a stack height of 7.4 feet, inside stack diameter of 4.1 inches, stack temperature of 899°F, and exhaust flow rate of 779 scfm. The 85 hp diesel-engine generators diesel-engine generators was modeled as a point source with a stack height of 7.1 feet, inside stack diameter of 4.6 inches, stack temperature of 992°F, and exhaust flow rate of 468 scfm (SBCAPCD 2019).

Note: AERMOD = American Meteorological Society/Environmental Protection Agency Regulatory Model; SCAQMD = South Coast Air Quality Management District; DPM = diesel particular matter; CalEEMod = California Emissions Estimator Model; hp = horsepower.
See Appendix D.

Regarding receptors, the construction scenario used a 2-kilometer by 2-kilometer Cartesian receptor grid with 100-meter spacing to establish the impact area and evaluate locations of maximum health risk impact. The construction scenario also used discrete receptors positioned at specific locations to evaluate the maximally exposed sensitive receptor. Discrete receptors included residences located 30 feet east of the project property boundary and Vista Murrieta High School, which is located approximately 320 feet southeast of the project property boundary.

The health risk calculations were performed using the Hotspots Analysis and Reporting Program Version 2 (HARP2) Air Dispersion and Risk Tool (ADMRT, dated 19121). AERMOD was run with all sources emitting unit emissions (1 gram

per second) to obtain the necessary input values for HARP2. The line of volume sources was partitioned evenly based on the 1 gram per second emission rate. The ground-level concentration plot files were then used to estimate the long-term cancer health risk to an individual, and the non-cancer chronic health indices. There is no reference exposure level (REL) for acute health impacts from DPM, and, thus, acute risk was not evaluated.

Cancer risk is defined as the increase in probability (chance) of an individual developing cancer due to exposure to a carcinogenic compound, typically expressed as the increased chances in one million. Maximum Individual Cancer Risk is the estimated probability of a maximally exposed individual potentially contracting cancer as a result of exposure to TACs over a period of 30 years for residential receptor locations. For the construction HRA, the TAC exposure period was assumed to be from third trimester to 13 months for all receptor locations (i.e., the assumed duration of project construction). The exposure pathway for DPM is inhalation only.

The SCAQMD has also established non-carcinogenic risk parameters for use in HRAs since some TACs increase non-cancer health risk due to long-term (chronic) exposures and some TACs increase non-cancer health risk due to short-term (acute) exposures. No short-term, acute relative exposure level has been established for DPM; therefore, acute impacts of DPM are not addressed in the HRA. Chronic exposure is evaluated in the construction HRA. Non-carcinogenic risks are quantified by calculating a hazard index, expressed as the ratio between the ambient pollutant concentration and its toxicity or REL, which is a concentration at or below which health effects are not likely to occur. The chronic hazard index is the sum of the individual substance chronic hazard indices for all TACs affecting the same target organ system. A hazard index less of than one (1.0) means that adverse health effects are not expected.

The exposure duration for a resident from the third trimester to 13 months is more conservative than a student ages 14 through 18 at a high school due to the increased age sensitivity factors and breathing rates; therefore, the calculated Residential Maximum Individual Cancer Risk and the Residential Chronic Hazard Index are the worst-case scenario for a resident and student.

2.4.2.5 Operational Health Risk Assessment

An HRA was performed to evaluate potential health risk associated with operation of the project: on-site and off-site fuel delivery truck trips, the Costco gasoline dispensing facility, on-site and off-site delivery truck trips, delivery truck idling at loading docks, TRU idling at loading docks, on-site and off-site light-duty truck and passenger vehicle travel, and light-duty and passenger vehicle idling at the Costco gas station. The following discussion summarizes the dispersion modeling and HRA methodology; supporting operational HRA documentation, including detailed assumptions, is presented in Appendix D.

For risk assessment purposes, PM_{10} in diesel exhaust is considered DPM, originating mainly from diesel delivery trucks traveling on site and off site, and truck idling and TRU emissions in the loading areas. The fuel delivery truck traffic were modeled for one-way trip distances to 1,000 feet from the project site boundary to estimate emissions at proximate receptors. Delivery truck idling and TRU emissions were modeled in accordance with SCAQMD and San Joaquin Valley Air Pollution Control District (SJVAPCD) modeling guidance (SCAQMD 2003; SJVAPCD 2006), delivery truck travel and idling emission rates were obtained from EMFAC 2017, and TRU emission rates were obtained from OFFROAD 2017. In addition to the truck traffic, idling, and TRU emissions, the Costco gasoline dispensing facility would generate potential TAC emissions that were assessed in this HRA.

CARB's *Air Quality and Land Use Handbook: A Community Health Perspective* (CARB Handbook) encourages consideration of the health impacts of distribution centers that accommodates more than 100 trucks per day on sensitive receptors sited within 1,000 feet from the source in the land use decision-making process (CARB 2005). Furthermore, CARB encourages consideration of the health impacts of large gasoline dispensing facilities (with a throughput of 3.6 million gallons per year or greater) on sensitive receptors sited within 300 feet or a 50 foot separation for typical gas dispensing facilities (CARB 2005). The Costco gasoline dispensing facility proposed maximum annual throughput is 26 million gallons of gasoline and is considered a large gasoline dispensing facility.

Similar to the construction scenario as summarized in Section 2.4.2.4, air dispersion modeling methodology was based on generally accepted modeling practices of SCAQMD (SCAQMD 2018). Air dispersion modeling was performed using the EPA's AERMOD Version 19191 modeling system (computer software) with the Lakes Environmental Software implementation/user interface, AERMOD View Version 9.8.3. The HRA followed OEHHA 2015 guidelines (OEHHA 2015) and SCAQMD guidance to calculate the health risk impacts at all proximate receptors as further discussed below. The dispersion modeling included the use of standard regulatory default options. AERMOD parameters were selected consistent with the SCAQMD and EPA guidance and identified as representative of the project site and project activities. Principal parameters of this modeling are presented in Table 8.

Table 8. American Meteorological Society/Environmental Protection Agency Regulatory Model Principle Parameters

Parameter	Details
Meteorological Data	AERMOD-specific meteorological data for the Lake Elsinore air monitoring station (ELSI) was used for the dispersion modeling. A 5-year meteorological data set from 2012 through 2016 was obtained from the SCAQMD in a preprocessed format suitable for use in AERMOD.
Urban versus Rural Option	Urban dispersion option was selected due to the developed nature of the project area and per SCAQMD guidelines.
Terrain Characteristics	The elevation of the site is 1,550 feet (472 meters) above sea level.
Elevation Data	Digital elevation data were imported into AERMOD and elevations were assigned to receptors and emission sources, as necessary. Digital elevation data were obtained through the AERMOD View in the U.S. Geological Survey's National Elevation Dataset format with a resolution of 1/3 degree (approximately 10 meters), consistent with the SCAQMD guidance (SCAQMD 2018).
Source Release Characterizations	Off-site and on-site truck travel was modeled as a line of adjacent volume sources, and based on EPA methodology, the modeled sources would result in a release height of 3.4 meters, a plume height of 3.16 meters, and a plume width of 3.12 meters (EPA 2015). On-site truck travel was also modeled as a line of adjacent volume sources, and based on EPA methodology, the modeled sources would result in a release height of 3.4 meters, a plume height of 3.16 meters, and a plume width of 1.56 meters (EPA 2015). Costco on-site truck idling at loading docks was modeled as a 15.24-meter volume source with a release height of 4 meters, an initial lateral dimension of 3.54 meters, and an initial vertical dimension of 0.93 meters. The truck idling emissions were modeled as a stationary source with a 4 meter exhaust height and 0.1 meters exhaust diameter (EPA 2015; SCAQMD 2003; SJVAPCD 2006). TRU idling emissions were modeled as a stationary source with a 4 meter exhaust height and 0.04 meter exhaust diameter (SCAQMD 2003; SJVAPCD 2006). Light-duty trucks and passenger vehicle travel was modeled as a line of adjacent volume sources with a release height of 2 meters (BAAQMD 2012), an initial lateral dimension of 1.13 meters, and an initial vertical dimension of 1.56 meters (AASHTO 2011). The refueling, spillage, and hose

Table 8. American Meteorological Society/Environmental Protection Agency Regulatory Model Principle Parameters

Parameter	Details
	permeation emissions were modeled as volume sources with horizontal dimensions of 13 meters by 13 meters to correspond to the dimensions of the pump islands and vertical dimensions of 5 meters to correspond to the height of the canopy. For refueling and hose permeation, the release height were modeled with 1 meter to approximate the height of a vehicle fuel tank inlet, and spillage emissions were assumed to be released at ground level. Loading and breathing emissions were modeled as a point source with a height and diameter of 3.66 meters and 0.05 meters, respectively (SCAQMD 2017b). The loading stack temperature was modeled at 65°F and exit velocity at 0.009214 meters per second (m/s), and the breathing stack temperature was modeled at 60°F and exit velocity at 0.002740 m/s (CAPCOA 1997). Light-duty trucks and passenger vehicles idling at the gas station were modeled as a 12.19-meter volume source with a release height of 2 meters (BAAQMD 2012), an initial lateral dimension of 2.83 meters, and an initial vertical dimension of 0.93 meters. The proposed project buildings were modeled to account for building downwash.

Note: AERMOD = American Meteorological Society/Environmental Protection Agency Regulatory Model; SCAQMD = South Coast Air Quality Management District; EPA = U.S. Environmental Protection Agency.
See Appendix D.

Regarding receptors, the operational scenario used a 2-kilometer by 2-kilometer Cartesian receptor grid with 100-meter spacing to establish the impact area and evaluate locations of maximum health risk impact. The operational scenario also used discrete receptors positioned at specific locations to evaluate the maximally exposed sensitive receptor. Discrete receptors included residences located 30 feet east of the project property boundary and Vista Murrieta High School, which is located approximately 320 feet southeast of the project property boundary.

Similar to the construction scenario as summarized in Section 2.4.2.4, the health risk calculations were performed using the HARP2 ADMRT (dated 19121). AERMOD was run with all sources emitting unit emissions (1 gram per second) to obtain the necessary input values for HARP2. The line of volume sources were modeled with 1 gram per second evenly partitioned across each volume source. The ground-level concentration plot files were then used to estimate the long-term cancer health risk to an individual, and the non-cancer chronic and acute health indices.

Cancer risk is defined as the increase in probability (chance) of an individual developing cancer due to exposure to a carcinogenic compound, typically expressed as the increased chances in one million. Maximum Individual Cancer Risk is the estimated probability of a maximally exposed individual potentially contracting cancer as a result of exposure to TACs over a period of 30 years, operational lifetime, for residential receptor locations. For the operational HRA, the TAC exposure period was assumed to be from third trimester to 30 years for all receptor locations. The mandatory minimum pathways of exposure (i.e., inhalation, soils, dermal, mother's milk, and homegrown produce) were selected for the operation-generated TAC emissions.

The SCAQMD has also established non-carcinogenic risk parameters for use in HRAs since some TACs increase non-cancer health risk due to long-term (chronic) exposures and some TACs increase non-cancer health risk due to short-term (acute) exposures. Non-carcinogenic risks are quantified by calculating a hazard index, expressed as the ratio between the ambient pollutant concentration and its toxicity or REL, which is a concentration at or below which health effects are not likely to occur. The chronic hazard index is the sum of the individual substance chronic hazard indices

for all TACs affecting the same target organ system, similarly calculated for acute hazard index. A hazard index less of than one (1.0) means that adverse health effects are not expected.

The exposure duration for a resident from the third trimester to 30 years is more conservative than a student ages 14 through 18 at a high school due to the increased age sensitivity factors and breathing rates; therefore, the calculated Residential Maximum Individual Cancer Risk, the Residential Chronic Hazard Index, and the Residential Acute Hazard Index are the worst-case scenario for a resident and student.

If the cancer risk from project operation at the maximally exposed individual resident exceeds 1 in a million, cancer burden, for which a SCAQMD significance threshold of 0.5, is evaluated. Unlike cancer risk, which is the lifetime probability (chances) of an individual developing cancer due to exposure to a carcinogenic compound, cancer burden estimates the number of theoretical cancer cases in a defined population resulting from a lifetime exposure to carcinogenic TACs. As described in the OEHHA guidance manual:

> The cancer burden can be calculated by multiplying the cancer risk at a census block centroid by the number of people who live in the census block, and adding up the estimated number of potential cancer cases across the zone of impact. The result of this calculation is a single number that is intended to estimate of the number of potential cancer cases within the population that was exposed to the emissions for a lifetime (70 years) (OEHHA 2015).

2.5 Impact Analysis

2.5.1 Would the project conflict with or obstruct implementation of the applicable air quality plan?

As previously discussed, the project site is located within the SCAB under the jurisdiction of the SCAQMD, which is the local agency responsible for administration and enforcement of air quality regulations for the area. The SCAQMD has established criteria for determining consistency with the AQMP, currently the 2016 AQMP, in Chapter 12, Sections 12.2 and 12.3, in the SCAQMD CEQA Air Quality Handbook (SCAQMD 1993). The criteria are as follows (SCAQMD 1993):

- **Consistency Criterion No. 1:** The proposed project will not result in an increase in the frequency or severity of existing air quality violations or cause or contribute to new violations, or delay the timely attainment of air quality standards of the interim emissions reductions specified in the AQMP.
- **Consistency Criterion No. 2:** The proposed project will not exceed the assumptions in the AQMP or increments based on the year of project buildout and phase.

Consistency Criterion No. 1

Section 2.5.2 evaluates the project's potential impacts regarding CEQA Guidelines Appendix G Threshold 2 (the project's potential to violate any air quality standard or contribute substantially to an existing or projected air quality violation impact analysis). As discussed in Section 2.5.2, the project would exceed the SCAQMD significance thresholds for VOC and NO_x. Therefore, the project would result in an increase in the frequency or severity of existing air quality violations prior to mitigation. Because the project would result in an increase in the

frequency and severity of existing air quality violations with mitigation, the project would conflict with Consistency Criterion No. 1 of the SCAQMD CEQA Air Quality Handbook.

Consistency Criterion No. 2

While striving to achieve the NAAQS for O_3 and $PM_{2.5}$ and the CAAQS for O_3, PM_{10}, and $PM_{2.5}$ through a variety of air quality control measures, the 2016 AQMP also accommodates planned growth in the SCAB. Projects are considered consistent with, and would not conflict with or obstruct implementation of, the AQMP if the growth in socioeconomic factors (e.g., population, employment) is consistent with the underlying regional plans used to develop the AQMP (per Consistency Criterion No. 2 of the SCAQMD CEQA Air Quality Handbook).

The SCAQMD primarily uses demographic growth forecasts for various socioeconomic categories (e.g., population, housing, employment by industry) developed by the SCAG for its RTP/SCS (SCAG 2016), which is based on general plans for cities and counties in the SCAB, for the development of the AQMP emissions inventory (SCAQMD 2017a).[8] The SCAG 2016 RTP/SCS, and associated Regional Growth Forecast, are generally consistent with the local plans; therefore, the 2016 AQMP is generally consistent with local government plans. The City General Plan Land Use Map designates the project site as Commercial (City of Murrieta 2011b). The City's Zoning Map shows the site as being zoned Regional Commercial (City of Murrieta 2014). The project would be consistent with the current zoning and land use designation. The project would add 285 full-time employees.

Accordingly, the project would meet Consistency Criterion No. 2 of the SCAQMD CEQA Air Quality Handbook.

Therefore, implementation of the project would not result in a conflict with, or obstruct implementation of, the applicable air quality plan (i.e., the 2016 AQMP). Accordingly, the project would meet Consistency Criterion No. 2 of the SCAQMD CEQA Air Quality Handbook.

Summary

As described previously, the project would result in an increase in the frequency and severity of existing air quality violations and would conflict with Consistency Criterion No. 1. However, implementation of the project would not exceed the demographic growth forecasts in the SCAG 2016 RTP/SCS; therefore, the project would also be consistent with the SCAQMD 2016 AQMP, which based future emission estimates on the SCAG 2016 RTP/SCS. Thus, the project would not conflict with Consistency Criterion No. 2. The project would exceed the SCAQMD significance thresholds for VOC and NO_x, conflicting with Consistency Criterion No. 1; therefore, impacts related to the project's potential to conflict with or obstruct implementation of the applicable air quality plan would be **potentially significant**.

[8] Information necessary to produce the emission inventory for the SCAB is obtained from the SCAQMD and other governmental agencies, including CARB, Caltrans, and SCAG. Each of these agencies is responsible for collecting data (e.g., industry growth factors, socioeconomic projections, travel activity levels, emission factors, emission speciation profile, and emissions) and developing methodologies (e.g., model and demographic forecast improvements) required to generate a comprehensive emissions inventory. SCAG incorporates these data into their Travel Demand Model for estimating/projecting vehicle miles traveled (VMT) and driving speeds. SCAG's socioeconomic and transportation activities projections in their 2016 RTP/SCS are integrated in the 2016 AQMP (SCAQMD 2017a).

Mitigation Measures

Implementation of **Mitigation Measure (MM) AQ-1** and **MM-AQ-2**, as described in Section 2.5.2.

Level of Significance After Mitigation

As shown in Table 10, construction emissions would be reduced to below SCAQMD's thresholds with implementation of **MM-AQ-1**. However, the project would exceed significance thresholds of NO_x during operation with implementation of **MM-AQ-2**; thus, impacts would be **significant and unavoidable**.

2.5.2 Would the project result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard?

Construction Emissions

Construction of the project would result in the temporary addition of pollutants to the local airshed caused by on-site sources (i.e., off-road construction equipment, rock crushing, rock popping, soil disturbance, and VOC off-gassing) and off-site sources (i.e., on-road haul trucks, vendor trucks, and worker vehicle trips). Construction emissions can vary substantially from day to day, depending on the level of activity, the specific type of operation, and for dust, the prevailing weather conditions. Therefore, such emission levels can only be approximately estimated with a corresponding uncertainty in precise ambient air quality impacts.

As discussed in Section 2.4.2.1, Construction Emissions, criteria air pollutant emissions associated with temporary construction activity were quantified using CalEEMod. Construction emissions were calculated for the estimated worst-case day over the construction period associated with each phase and reported as the maximum daily emissions estimated during each year of construction (2020 through 2021). Construction schedule assumptions, including phase type, duration, and sequencing, were based on information provided by the project applicant and is intended to represent a reasonable scenario based on the best information available. Default values provided in CalEEMod were used where detailed project information was not available.

Implementation of the project would generate air pollutant emissions from entrained dust, off-road equipment, vehicle emissions, architectural coatings, and asphalt pavement application. Entrained dust results from the exposure of earth surfaces to wind from the direct disturbance and movement of soil, resulting in PM_{10} and $PM_{2.5}$ emissions. The project would implement various dust control strategies (PDF-AQ-1) and would be required to comply with SCAQMD Rule 403 to control dust emissions generated during the grading activities. Proposed construction practices that would be employed to reduce fugitive dust emissions include watering of the active sites and unpaved roads three times per day depending on weather conditions and restricting vehicle speed on unpaved roads to 15 miles per hour. Internal combustion engines used by construction equipment, vendor trucks (i.e., delivery trucks), and worker vehicles would result in emissions of VOCs, NO_x, CO, PM_{10}, and $PM_{2.5}$. The application of architectural coatings, such as exterior application/interior paint and other finishes, and application of asphalt pavement would also produce VOC emissions; however, the contractor is required to procure architectural coatings from a supplier in compliance with the requirements of SCAQMD's Rule 1113 (Architectural Coatings).

Emissions associated with rock crushing, rock popping, blasting, and associated diesel-engine generators were quantified in a separate calculation, since CalEEMod does not account for rock crushing, rock popping, and blasting activities.

Table 9 presents the estimated maximum daily construction emissions generated during construction of the project. The values shown are the maximum summer or winter daily emissions results from CalEEMod and include estimated emissions from rock-crushing, rock-popping, and blasting activities, which were estimated outside of CalEEMod. Details of the emission calculations are provided in Appendix A.

Table 9. Estimated Maximum Daily Construction Criteria Air Pollutant Emissions - Unmitigated

Year	VOC	NO_x	CO	SO_x	PM_{10}	$PM_{2.5}$
	pounds per day					
Vineyard II						
2020	8.70	97.93	54.43	0.13	14.91	9.38
2021	31.30	98.85	84.44	0.21	10.35	6.12
Costco						
2020	7.05	83.71	44.95	0.14	14.84	8.91
2021	30.60	77.26	62.24	0.17	9.78	5.25
Costco Rock Crushing and Rock Popping						
2020	2.60	23.25	18.58	0.06	1.24	0.94
Warm Springs Parkway						
2020	4.08	42.62	31.72	0.06	4.86	3.25
Warm Springs Parkway Crushing and Blasting						
2020	2.60	24.95	25.27	0.26	1.21	0.94
Total						
2020	25.04	272.46	174.96	0.66	37.06	23.42
2021	61.90	176.11	146.68	0.38	20.13	11.37
Maximum Daily Emissions	**61.90**	**272.46**	**174.96**	**0.66**	**37.06**	**23.42**
SCAQMD Threshold	*75*	*100*	*550*	*150*	*150*	*55*
Threshold Exceeded?	**No**	**Yes**	**No**	**No**	**No**	**No**

Notes: VOC = volatile organic compound; NO_x = oxides of nitrogen; CO = carbon monoxide; SO_x = sulfur oxides; PM_{10} = coarse particulate matter; $PM_{2.5}$ = fine particulate matter; SCAQMD = South Coast Air Quality Management District.
See Appendix A for complete results.
The values shown are the maximum summer or winter daily emissions results from CalEEMod. These emissions reflect CalEEMod "mitigated" output, which accounts for compliance with SCAQMD Rule 1113 (Architectural Coatings) and implementation of the project's fugitive dust control strategies, including watering of the project site and unpaved roads three times per day, and restricting vehicle speed on unpaved roads to 15 miles per hour.

Maximum daily emissions of NO_x, CO, SO_x, PM_{10}, and $PM_{2.5}$ emissions would occur during the grading phase in 2020 as a result of off-road equipment operation, rock popping, rock crushing, blasting, and on-road vendor trucks and haul trucks. As shown in Table 9, daily construction emissions would not exceed the SCAQMD significance thresholds for VOC, CO, SO_x, PM_{10}, or $PM_{2.5}$ during construction in all construction years. However, the daily construction emissions would exceed the SCAQMD significance thresholds for NO_x in 2020 and 2021.

Operational Emissions

The project proposes development of a new retail development consisting of a Costco Wholesale warehouse and a gasoline dispensing facility, and the Vineyard II retail development consisting of a fitness center, a major retail pad, four smaller retail shops, one restaurant with a drive through, one drive through fast food restaurant, and associated parking spaces. Operation of the project would generate VOC, NO_x, CO, SO_x, PM_{10}, and $PM_{2.5}$ emissions from mobile sources, including vehicle trips from customers, employees, and delivery trips; fueling operations; area sources, including the use of consumer products, architectural coatings for repainting, and landscape maintenance equipment (the Vineyard II project will require rechargeable battery operated landscape maintenance equipment and will provide exterior outlets for re-charging on site, two of which will be tied to solar panel source on the roofs of two of the buildings on the Vineyard II site); and energy sources, including combustion of fuels used for space and water heating and cooking appliances. As discussed in Section 2.4.2.2, Operational Emissions, pollutant emissions associated with long-term operations were quantified using CalEEMod. Project-generated mobile source emissions were estimated in CalEEMod based on project-specific trip rates. CalEEMod default values were used to estimate emissions from the project area and energy sources.

Table 10 presents the maximum daily area, energy, and mobile source emissions associated with operation (year 2021) of the project. Operational year 2021 was assumed upon completion of construction. The values shown are the maximum summer or winter daily emissions results from CalEEMod. Details of the emission calculations are provided in Appendix A.

Table 10. Estimated Maximum Daily Operational Criteria Air Pollutant Emissions - Unmitigated

Emission Source	VOC	NO_x	CO	SO_x	PM_{10}	$PM_{2.5}$
	pounds per day					
Area	58.11	<0.01	0.15	<0.01	<0.01	<0.01
Energy	0.08	0.74	0.62	0.01	0.06	0.06
Mobile	17.20	55.92	362.44	1.02	98.84	24.81
Off-road	0.39	3.54	3.50	<0.01	0.25	0.23
Total	**75.78**	**60.20**	**366.71**	**1.04**	**99.15**	**25.10**
SCAQMD Threshold	*55*	*55*	*550*	*150*	*150*	*55*
Threshold Exceeded?	**Yes**	**Yes**	**No**	**No**	**No**	**No**

Notes: VOC = volatile organic compound; NO_x = oxides of nitrogen; CO = carbon monoxide; SO_x = sulfur oxides; PM_{10} = coarse particulate matter; $PM_{2.5}$ = fine particulate matter; SCAQMD = South Coast Air Quality Management District.
See Appendix A for complete results.
Totals may not sum due to rounding.
The values shown are the maximum summer or winter daily emissions results from the California Emissions Estimator Model (CalEEMod). These emissions reflect CalEEMod "mitigated" output and operational year 2021, which accounts for compliance with SCAQMD Rule 1113 (Architectural Coatings) and implementation of project's Project Design Feature (PDF) AQ/GHG-1 and PDF-AQ/GHG-2, including installing low flow bathroom faucets and toilets, and installing water efficient irrigation systems. VOC emissions from gas dispensing operations are included in area source emissions.
VOC emissions 52.93 pounds per day of the total 58.11 pounds per day area source VOC emissions are from gas dispensing operations.

As shown in Table 10, the combined daily area, energy, and mobile source emissions would not exceed the SCAQMD operational thresholds for CO, SO_x, PM_{10}, and $PM_{2.5}$. However, the project-generated emissions would exceed the SCAQMD operational threshold for VOC and NO_x.

Air pollution is largely a cumulative impact. The nonattainment status of regional pollutants is a result of past and present development, and the SCAQMD develops and implements plans for future attainment of ambient air quality standards. Based on these considerations, project-level thresholds of significance for criteria pollutants are relevant in the determination of whether a project's individual emissions would have a cumulatively significant impact on air quality.

In considering cumulative impacts from the project, the analysis must specifically evaluate a project's contribution to the cumulative increase in pollutants for which the SCAB is designated as nonattainment for the CAAQS and NAAQS. If a project's emissions would exceed the SCAQMD significance thresholds, it would be considered to have a cumulatively considerable contribution to nonattainment status in the SCAB. The basis for analyzing the project's cumulatively considerable contribution is if the project's contribution accounts for a significant proportion of the cumulative total emissions (i.e., it represents a "cumulatively considerable contribution" to the cumulative air quality impact because it would exceed the SCAQMD significance thresholds) and consistency with the SCAQMD 2016 AQMP, which addresses the cumulative emissions in the SCAB.

As discussed in Section 2.3.1, South Coast Air Basin Attainment Designation, the SCAB has been designated as a national nonattainment area for O_3 and $PM_{2.5}$ and a California nonattainment area for O_3, PM_{10}, and $PM_{2.5}$. The nonattainment status is the result of cumulative emissions from various sources of air pollutants and their precursors within the SCAB, including motor vehicles, off-road equipment, and commercial and industrial facilities. Construction and operation of the project would generate VOC and NO_x emissions (which are precursors to O_3) and emissions of PM_{10} and $PM_{2.5}$. As indicated in Tables 9 and 10, project-generated construction and operational emissions of NOx, and operation emissions of VOC, would exceed the applicable SCAQMD emission-based significance thresholds. As discussed in the analysis of the project's potential to conflict with or obstruct implementation of the applicable air quality plan (Section 2.5.1), the project would not conflict with the SCAQMD 2016 AQMP, but would still result in a potentially significant impact under Consistency Criterion No. 1, previously outlined.

Based on the project-generated construction emissions of NO_x, and operational emissions of VOC and NO_x, the project would result in an increase in emissions of nonattainment pollutants. Impacts would be **potentially significant** and thus require mitigation.

Mitigation Measures

MM-AQ-1: To reduce the potential for criteria air pollutants, specifically oxides of nitrogen (NO_x), as a result of construction of the project, the applicant shall:

Prior to the start of construction activities, the project applicant, or its designee, shall ensure that all 75 horsepower or greater diesel-powered equipment are powered with California Air Resources Board (CARB)-certified Tier 4 Final engines, except where the project applicant establishes to the satisfaction of the City of Murrieta that Tier 4 Final equipment is not available.

An exemption from these requirements may be granted by the City of Murrieta (City) in the event that the City documents that equipment with the required tier is not reasonably available and corresponding reductions in criteria air pollutant emissions are achieved from other construction equipment. Before an exemption may be considered by the City, the applicant shall: (1) be required to demonstrate that two construction fleet owners/operators in Riverside County were contacted and that those owners/operators confirmed Tier 4 Final equipment could not be

located within Riverside County; and (2) the proposed replacement equipment has been evaluated using the California Emissions Estimator Model (CalEEMod) or other industry standard emission estimation method and documentation provided to the City to confirm the project-generated emissions do not exceed applicable South Coast Air Quality Management District (SCAQMD) mass daily thresholds of significance and localized significance thresholds.

MM-AQ-2: To reduce the potential impacts from criteria air emissions, specifically to reduce VOC and NO_x, as a result of operation of the project, the applicant shall:

A. Provide preferential parking for electric-powered vehicles, compressed natural gas vehicles, and carpool/vanpool rideshare vehicles.
B. Offer transit subsidies for 100 percent of employees of the project for 3–6 months.

As discussed in under the evaluation of the project's potential to generate VOC and NO_x emissions in excess of SCAQMD thresholds, the project would implement PDF-AQ/GHG-1, PDF-AQ/GHG-2, **MM-AQ-1**, and **MM-AQ-2** to reduce construction and operational emissions to the extent feasible.

Construction

Implementation of **MM-AQ-1** would result in mitigated construction emissions summarized in Table 11. The values shown are the maximum summer or winter daily emissions results from CalEEMod. Details of the emission calculations are provided in Appendix A.

Table 11. Estimated Maximum Daily Construction Criteria Air Pollutant Emissions – Mitigated

Year	VOC	NO_x	CO	SO_x	PM_{10}	$PM_{2.5}$
	pounds per day					
Vineyard II						
2020	1.60	12.86	55.34	0.13	10.89	5.69
2021	27.52	33.85	101.05	0.23	9.24	3.57
Costco						
2020	2.60	26.94	47.54	0.14	11.48	5.83
2021	26.19	26.30	67.90	0.17	7.09	2.77
Costco Rock Crushing and Rock Popping						
2020	2.60	23.25	18.58	0.06	1.24	0.94
Warm Springs Parkway						
2020	1.03	5.92	36.02	0.06	0.91	0.35
Warm Springs Parkway Crushing and Blasting						
2020	2.60	24.95	25.27	0.26	1.21	0.94
Total						
2020	10.44	93.93	182.74	0.66	25.73	13.75
2021	53.71	60.15	168.95	0.41	16.34	6.33
Maximum Daily Emissions	**53.71**	**93.93**	**182.74**	**0.66**	**25.73**	**13.75**
SCAQMD Threshold	*75*	*100*	*550*	*150*	*150*	*55*

Table 11. Estimated Maximum Daily Construction Criteria Air Pollutant Emissions – Mitigated

Year	VOC	NO_x	CO	SO_x	PM_{10}	$PM_{2.5}$
	pounds per day					
Threshold Exceeded?	No	No	No	No	No	No

Notes: VOC = volatile organic compound; NO_x = oxides of nitrogen; CO = carbon monoxide; SO_x = sulfur oxides; PM_{10} = coarse particulate matter; $PM_{2.5}$ = fine particulate matter; SCAQMD = South Coast Air Quality Management District.
See Appendix A for complete results.
The values shown are the maximum summer or winter daily emissions results from CalEEMod. These emissions reflect CalEEMod "mitigated" output, which accounts for compliance with SCAQMD Rule 1113 (Architectural Coatings) implementation of the project's fugitive dust control strategies, including watering of the project site and unpaved roads three times per day, and restricting vehicle speed on unpaved roads to 15 miles per hour, and implementation of **Mitigation Measure (MM) AQ-1**, which requires equipment over 75 horsepower to meet specific engine emission standards (Tier 4 Final).

Operational

The major contributor to maximum operational daily emissions of VOC and NO_x is mobile source emissions. Due to the size and type of the project, it is not feasible to implement mitigation measures to reduce the mobile source emissions to below the applicable significance threshold.

Level of Significance After Mitigation

As shown in Table 11, construction-generated NO_x emissions would not exceed the SCAQMD threshold of significance with mitigation. Thus, construction-generated impacts after mitigation are **less than significant**.

Not all reductions from **MM-AQ-2** were quantifiable. Operation-generated VOC and NO_x emissions would exceed the SCAQMD threshold of significance with mitigation; thus, operation-generated impacts be **significant and unavoidable** after implementation of **MM-AQ-2**.

2.5.3 Would the project expose sensitive receptors to substantial pollutant concentrations?

Localized Significance Thresholds (LST) Analysis

As discussed in Section 2.1.3, Sensitive Receptors, sensitive receptors are those individuals more susceptible to the effects of air pollution than the population at large. People most likely to be affected by air pollution include children, the elderly, and people with cardiovascular and chronic respiratory diseases. According to the SCAQMD, sensitive receptors include residences, schools, playgrounds, childcare centers, long-term healthcare facilities, rehabilitation centers, convalescent centers, and retirement homes (SCAQMD 1993). The closest off-site sensitive receptors to the project site include residences located approximately 30 feet east of the project site boundary.

An LST analysis has been prepared to determine potential impacts to nearby sensitive receptors during construction of the project. As indicated in the discussion of the thresholds of significance (Section 2.4), the SCAQMD also recommends the evaluation of localized NO_2, CO, PM_{10}, and $PM_{2.5}$ impacts as a result of construction activities to sensitive receptors in the immediate vicinity of the project site. The impacts were analyzed using methods consistent with those in the SCAQMD's *Final Localized Significance Threshold*

Methodology (2009). According to the *Final Localized Significance Threshold Methodology*, "off-site mobile emissions from the project should not be included in the emissions compared to the LSTs" (SCAQMD 2009). Hauling of soils and construction materials associated with the project construction are not expected to cause substantial air quality impacts to sensitive receptors along off-site roadways. Localized emissions from the trucks would be relatively brief in nature and would cease once the trucks pass through the main streets.

Construction activities associated with the project would result in temporary sources of on-site fugitive dust and construction equipment emissions. As previously discussed, off-site emissions from vendor trucks, haul trucks, and worker vehicle trips are not included in the LST analysis. The maximum allowable daily emissions that would satisfy the SCAQMD localized significance criteria for SRA 26 are presented in Table 12 and compared to the maximum daily on-site construction emissions generated during the project.

Table 12. Localized Significance Thresholds Analysis for Project Construction - Unmitigated

Maximum On-Site Emissions	NO_2	CO	PM_{10}	$PM_{2.5}$
	Pounds per Day			
Construction Emissions	181.95	139.88	24.11	16.47
SCAQMD LST	*325*	*1,677*	*11*	*7*
LST Exceeded?	No	No	Yes	Yes

Source: SCAQMD 2009.
Notes: NO_2 = nitrogen dioxide; CO = carbon monoxide; PM_{10} = coarse particulate matter; $PM_{2.5}$ = fine particulate matter; SCAQMD = South Coast Air Quality Management District; LST = localized significance threshold.
See Appendix A for complete results.
Localized significance thresholds are shown for an interpolated 4-acre project sites corresponding to a distance to a sensitive receptor of 25 meters.
These estimates implementation of the project's fugitive dust control strategies, including watering of the project site and unpaved roads three times per day, and restricting vehicle speed on unpaved roads to 15 miles per hour.
Greatest on-site NO_2, CO, PM_{10}, and $PM_{2.5}$ emissions are associated with the overlap between the site preparation, grading, rock-crushing and rock-popping, and paving phases in November 2020 through April 2021.

Although diesel equipment would be subject to the CARB air toxic control measures for in-use off-road diesel fleets, which would minimize DPM emissions, as shown in Table 12, construction activities would generate emissions in excess of site-specific LST for PM_{10} and $PM_{2.5}$; therefore, localized construction impacts during construction of the project would be potentially significant and thus requires mitigation.

Valley Fever

As discussed above in Section 2.1.2.2, valley fever is not highly endemic to the County, and within the County, the incidence rate in the project site is below the County average and the statewide average. Construction of the project would comply with SCAQMD Rule 403 (Fugitive Dust), which requires fugitive dust sources to implement best available control measures for all sources and prohibits all forms of visible particulate matter from crossing any property line. SCAQMD Rule 403 is intended to reduce PM_{10} emissions from any transportation, handling, construction, or storage activity that has the potential to generate fugitive dust. In addition, the project would implement various dust control strategies as included in PDF-AQ-1. The nearest sensitive-receptor land use (existing residence) is located approximately 30 feet east of the project boundary. Based on the low incidence rate of coccidioidomycosis on the project site and in the County, and with the project's implementation of dust control strategies, it is not anticipated that earth-moving activities during project construction would result in exposure of

nearby sensitive receptors to valley fever. Therefore, the project would have a **less-than-significant** impact with respect to valley fever exposure for sensitive receptors.

Health Impacts of Carbon Monoxide

As explained in Section 2.4.2.3, Carbon Monoxide Hotspots, to verify that the project would not cause or contribute to a violation of the CO standard, a screening evaluation of the potential for CO hotspots was conducted based on the TIA (Kittelson & Associates 2020) results and the Caltrans Institute of Transportation Studies *Transportation Project-Level Carbon Monoxide Protocol* (CO Protocol; Caltrans 1997).

The proposed project's TIA evaluated 18 intersections. As determined by the TIA using data from Caltrans Performance Measurement System (PeMS) for I-215 where available and Makena Hills Traffic Study (2017), the following intersections under the Cumulative Year (2020) operate at LOS E or worse during the AM or PM peak hours:

- Nutmeg Street/Clinton Keith Road (LOS E in PM)
- California Oaks Road/Clinton Keith Road (LOS E in PM)
- Murrieta Oaks Avenue/Clinton Keith Road (LOS E in AM and PM)
- Whitewood Road/Clinton Keith Road (LOS E in PM)

Operational 2021 year was assumed for the TIA; thus, the CO analysis was prepared for the operational year consistent with the TIA. For each scenario (existing with project; existing with ambient growth and the proposed project; existing with ambient growth, cumulative projects, and the proposed project), the screening evaluation presents LOS with project improvements (mitigation), whether the recommended improvements (mitigation measures) are feasible, and whether a quantitative CO hotspots analysis may be required. According to the CO Protocol, there is a cap on the number of intersections that need to be analyzed for any one project. For a single project with multiple intersections, only the three intersections representing the worst LOS ratings of the project, and, to the extent they are different intersections, the three intersections representing the highest traffic volumes, need be analyzed. For each intersection failing a screening test as described in this protocol, an additional intersection should be analyzed (Caltrans 2010).

Based on the CO hotspot screening evaluation (Appendix C), the intersections that exceeded the CO hotspot screening criteria shown above all have different geometries and are signalized. Therefore, all intersections that exceeded the CO hotspot screening criteria were evaluated. The potential impact of the project on local CO levels was assessed at this intersection with the Caltrans CL4 interface based on the California LINE Source Dispersion Model (CALINE4), which allows microscale CO concentrations to be estimated along each roadway corridor or near intersections (Caltrans 1998a).

The emissions factor represents the weighted average emissions rate of the local SCAB vehicle fleet expressed in grams per mile per vehicle. Consistent with the TIA, emissions factors for 2021 were used for the analysis, consistent with buildout year specified in the TIA. Emissions factors for 2021 were predicted by EMFAC 2017 based on a 5-mile-per-hour average speed for all of the intersections for approach and departure segments. The hourly traffic volume anticipated to travel on each link, in units of vehicles per hour, was based on the traffic report. Modeling assumptions are outlined in Appendix C.

Four receptor locations at each intersection were modeled to determine CO ambient concentrations. A receptor was assumed on the sidewalk at each corner of the modeled intersections, for a total of four receptors adjacent

to the intersection, to represent the future possibility of extended outdoor exposure. A receptor height of 5.9 feet (1.8 meters) was used in accordance with Caltrans recommendations for all receptor locations (Caltrans 1998b).

The SCAQMD provides projected future concentrations of CO emissions to assist the CEQA practitioner with a CO Hotspots Analysis. The projected future 1-hour CO background concentration of 5.1 parts per million for 2021 for the Rubidoux monitoring station was assumed in the CALINE4 model for 2021 (SCAQMD 2002). The maximum CO concentration measured at the Lake Elsinore monitoring station over the last 3 years was 1.2 parts per million, which was measured in 2016 and 2017; as such, the SCAQMD projected 1-hour CO ambient concentration of 5.1 parts per million is a conservative assumption. The 8-hour average CO concentration was added to the SCAQMD projected 8-hour CO ambient concentration of 3.2 parts per million for 2021 from the Rubidoux monitoring station to compare to the CAAQS (SCAQMD 2002).

The CALINE4 predicted CO concentrations are shown in Table 13. Model input and output data are provided in Appendix C.

Table 13. CALINE4 Predicted Carbon Monoxide Concentrations

Intersection	Maximum Modeled Carbon Monoxide Project Plus Ambient Impact (ppm)	
	1-hour	*8-hour*
Nutmeg Street/Clinton Keith Road	5.3	4.04
California Oaks Road/Clinton Keith Road	5.4	4.11
Murrieta Oaks Avenue/Clinton Keith Road	5.4	4.11
Whitewood Road/Clinton Keith Road	5.2	3.97

Source: Caltrans 1998a (CALINE4).
Notes: ppm = parts per million.

As shown in Table 13, the maximum CO concentration predicted for the 1-hour averaging period at the studied intersections would be 5.4 ppm, which is below the 1-hour CO CAAQS of 20 ppm (CARB 2016c). The maximum predicted 8-hour CO concentration of 4.11 ppm at the studied intersections would be below the 8-hour CO CAAQS of 9.0 ppm (CARB 2016c). Neither the 1-hour nor 8-hour CAAQS would be equaled or exceeded at any of the intersections studied. Accordingly, the project would not cause or contribute to violations of the CAAQS, and would not result in exposure of sensitive receptors to localized high concentrations of CO. As such, impacts would be less than significant to sensitive receptors with regard to potential CO hotspots resulting from the project or its contribution to cumulative traffic-related CO impacts, and no mitigation is required.

Health Impacts of Toxic Air Contaminants

Construction Health Risk

As discussed in Section 2.4.2.4, a construction HRA was performed to estimate the Maximum Individual Cancer Risk and the Chronic Hazard Index for residential receptors as a result of project construction. Results of the construction HRA are presented in Table 14.

Table 14. Construction Health Risk Assessment Results – Unmitigated

Impact Parameter	Units	Project Impact	CEQA Threshold	Level of Significance
Maximum Individual Cancer Risk – Residential	Per Million	36.20	10	**Potentially Significant**
Chronic Hazard Index – Residential	Index Value	0.038	1.0	Less than Significant

Source: SCAQMD 2015.
Note: CEQA = California Environmental Quality Act.
See Appendix D.

As shown in Table 14, project construction activities would result in a Residential Maximum Individual Cancer Risk of 36.20 in 1 million, which exceeds the significance threshold of 10 in 1 million. Project construction would result in a Residential Chronic Hazard Index of 0.038, which is below the 1.0 significance threshold. The project construction TAC health risk impacts would be **potentially significant** and thus requires mitigation.

Operational Health Risk

As discussed in Section 2.4.2.5, a HRA was performed to estimate the Maximum Individual Cancer Risk, the Chronic Hazard Index, and the Acute Hazard Index for residential receptors as a result of project operation, including delivery truck trips, delivery truck idling, TRU emissions, and Costco gasoline dispensing facility. Results of the operational HRA are presented in Table 15.

Table 15. Operational Health Risk Assessment Results - Unmitigated

Impact Parameter	Units	Project Impact	CEQA Threshold	Level of Significance
Maximum Individual Cancer Risk – Residential	Per Million	9.02	10	Less than Significant
Chronic Hazard Index – Residential	Index Value	0.025	1.0	Less than Significant
Acute Hazard Index – Residential	Index Value	0.086	1.0	Less than Significant

Source: SCAQMD 2015.
Notes: CEQA = California Environmental Quality Act.
See Appendix D.

As shown in Table 15, project operational activities would result in a Residential Maximum Individual Cancer Risk of 9.02 in 1 million, which would be less than the significance threshold of 10 in 1 million. Project operation would also result in a Residential Chronic Hazard Index and Acute Hazard Index of 0.025 and 0.086, respectively, which are below the 1.0 significance threshold.

The cumulative health risk was assessed for exposure from project construction and operation. The unmitigated construction and operational activities would result in a Residential Maximum Individual Cancer Risk of 41.18 in 1 million, which would exceed the significance threshold of 10 in 1 million.

Since the cancer risk from project operation at the maximally exposed individual resident exceeds 1 in a million, cancer burden, for which a SCAQMD significance threshold of 0.5, is evaluated. The maximum estimated for a 70-year cancer risk duration for project operation was estimated at 10.62 in a million with HARP2 using the Population-Wide option in the model, which is specified for use in cancer burden estimates. The zone of impact

was estimated to be 1.90 square-kilometers. The total population in this area was estimated to be approximately 1,508 persons, based on the average densities of the Census Tracts that would be within the zone of impact (Census Tract 507) (U.S. Census Bureau 2010). Multiplying the maximum estimated 70-year cancer risk by the project population gives a cancer burden of 0.016. Accordingly, this would be less than the SCAQMD cancer burden threshold of 0.5. Thus, the impact with respect to potential cancer burden due to project operations would be significant. The project's operation TAC health risk impacts would be **less than significant**.

Health Effects of Criteria Air Pollutants

Construction and operation of the project would result in emissions that would exceed the SCAQMD threshold for NO_x and VOC for operation. Project construction and operation would not exceed SCAQMD thresholds for CO, SO_x, PM_{10}, or $PM_{2.5}$.

The California Supreme Court decision on December 24, 2018, *Sierra Club v. County of Fresno* (Friant Ranch), requires projects with significant air quality impacts to "relate the expected adverse air quality impacts to likely health consequences or explain why it is not feasible at the time of drafting to provide such an analysis, so that the public may make informed decisions regarding the costs and benefits of the project."

In requiring a health risk type analysis for criteria air pollutants, it is important to understand how ozone is formed, dispersed and regulated. Ground-level ozone (smog) is not directly emitted into the air, but is instead formed when precursor pollutants such as VOCs or NO_x are emitted into the atmosphere and undergo complex chemical reactions in the process of sunlight (SJVUAPCD 2015, p.4). Once formed, ozone can be transported long distances by wind (EPA 2020a). Because of the complexity of ozone formation, a specific tonnage amount of VOCs or NO_x emitted in a particular area does not equate to a particular concentration of ozone in that area (SJVUAPCD 2015, p.4). In fact, even rural areas that have relatively low tonnages of emissions of VOCs or NO_x can have high levels of ozone concentrations simply due to wind transport and other meteorological conditions such as temperature inversion and high pressure systems. Conversely, areas that have substantially more VOCs or NO_x emissions could experience lower concentrations of ozone simply because sea breezes disperse the emissions (SJVUAPCD 2007).

The lack of link between the tonnage of precursor pollutants and the concentration of ozone formed is important because it is not necessarily the tonnage of precursor pollutants that causes human health effects; rather, it is the concentration of resulting ozone that causes these effects (SJVUAPCD 2015, p.5). Indeed, the ambient air quality standards, which are statutorily required to be set by EPA at levels that are requisite to protect the public health, are established as concentrations of ozone and not as tonnages of their precursor pollutants (EPA 2020b). Because the ambient air quality standards are focused on achieving a particular concentration region-wide, the tools and plans for attaining the ambient air quality standards are regional in nature.

The computer models (e.g., Community Multiscale Air Quality [CMAQ] modeling platform)[9] used to simulate and predict an attainment date for ozone are based on regional inventories of precursor pollutants and meteorology within an air basin. At a very basic level, the models simulate future ozone levels based on predicted changes in precursor emissions basin-wide. These computer models are not designed to determine whether the emissions

[9] The SCAQMD 2016 AQMP ozone attainment demonstration was developed using the U.S. EPA recommended CMAQ (version 5.0.2) modeling platform with SAPRC07 chemistry, and the Weather Research and Forecasting Model (WRF) (version 3.6) meteorological fields.

generated by an individual development project will affect the date that the air basin attains the ambient air quality standards. Instead, the models help inform regional planning strategies based on the extent that all of the emission-generating sources within the air basin must be controlled in order to reach attainment (SJVUPCD 2015, pp.6–7).

The SCAQMD and the San Joaquin Valley Air Pollution Control District (SJVAPCD) have indicated that it is not feasible to quantify project-level health impacts based on existing modeling (SCAQMD 2015; SJVUPCD 2015). Even if a metric could be calculated, it would not be reliable because the models are equipped to model the impact of all emission sources in an air basin on attainment and would likely not yield valid information or a measurable increase in ozone concentrations sufficent to accurately quantify ozone-related health imacts for an individual project.

In the case of the project, regional construction emissions exceed the SCAQMD's recommended daily significance thresholds for NO_x during construction and operation and VOCs during operation. However, this does not mean that one can determine the concentration of ozone that will be created at or near the project site on a particular day or month of the year, or the specific human health impacts that may occur from such exceedance. Meteorology, the presence of sunlight, and other complex chemical factors all combine to determine the ultimate concentrations and locations of ozone. This is especially true for a project like the project, where most of the criteria pollutant emissions derive not from a single "point source," but from area wide sources (consumer products, paint, etc.) or mobile sources (cars and trucks) driving to, from and around the project site.

Running the regional-scale photochemical grid model used for predicting ozone attainment with the emissions from the project (which equates to approximately a very small fraction of the VOC and NO_x in the air basin) is not likely to yield valid information regarding a measurable increase in ozone concentrations sufficient to accurately quantify the project's ozone-related health impacts. Any identified modeled increase in ozone concentrations would not be accurate, as it would be well within the error margins of such models. Similary, it would also not be feasible to identify the project's impact on the days of nonattainment per year. Based on this information, a general description of the adverse health impacts resulting from the pollutants at issue is all that can be meaningfully provided at this time. Please see the above description of general adverse health impacts resulting from NO_x and VOCs.

CO tends to be a localized impact associated with congested intersections. The associated potential for CO hotspots were discussed previously and are determined to be a less-than-significant impact. Thus, the project's CO emissions would not contribute to significant health effects associated with this pollutant.

Construction and operation of the project would also not exceed regional thresholds for PM_{10} or $PM_{2.5}$ and would not contribute to exceedances of the NAAQS or CAAQS for particulate matter or would obstruct the SCAB from coming into attainment for these pollutants. The project would also not result in substantial DPM emissions during construction and operation and, therefore, would not result in significant health effects related to DPM exposure with implementation of **MM-AQ-1**. Additionally, the project would implement dust control strategies and be required to comply with SCAQMD Rule 403, which limits the amount of fugitive dust generated during construction. Due to the minimal contribution of particulate matter during construction and operation, the project is not anticipated to result in health effects associated with PM_{10} or $PM_{2.5}$. Furthermore, the project would reduce PM emissions with implementation of **MM-AQ-1**.

In summary, because construction and operation of the project could result in exceedances of the SCAQMD significance thresholds for VOC and NO_x, the potential health effects associated with criteria air pollutants, specifically O_3 are considered potentially significant. Notably, there are numerous scientific and technological complexities associated with correlating criteria air pollutant emissions from an individual project to specific health effects or potential additional nonattainment days, and there are currently no modeling tools that could provide reliable and meaningful additional information regarding health effects from criteria air pollutants generated by individual projects. These subjects are discussed further in Appendix E.

Mitigation Measures

Implementation of **MM-AQ-1** and **MM-AQ-2**, as described in Section 2.5.2.

Level of Significance After Mitigation

As shown in Table 12, construction activities would generate emissions in excess of site-specific LSTs; therefore, site-specific construction impacts during construction of the project would be potentially significant. Implementation of **MM-AQ-1** would reduce project construction-generated criteria air pollutant emissions to the extent feasible by requiring that equipment meet Tier 4 Final engine emission standards. The emissions results after incorporation of **MM-AQ-1** are presented in Table 16. Thus, impacts after mitigation are **significant and unavoidable**.

Table 16. Localized Significance Thresholds Analysis for Project Construction - Mitigated

Maximum On-Site Emissions	NO_2	CO	PM_{10}	$PM_{2.5}$
	Pounds per Day			
Construction Emissions	35.37	147.86	14.78	8.73
SCAQMD LST	*325*	*1,677*	*11*	*7*
LST Exceeded?	**No**	**No**	**Yes**	**Yes**

Source: SCAQMD 2009.
Notes: NO_2 = nitrogen dioxide; CO = carbon monoxide; PM_{10} = coarse particulate matter; $PM_{2.5}$ = fine particulate matter; SCAQMD = South Coast Air Quality Management District; LST = localized significance threshold.
See Appendix A for complete results.
Localized significance thresholds are shown for an interpolated 4-acre project sites corresponding to a distance to a sensitive receptor of 25 meters.
These estimates implementation of the project's fugitive dust control strategies, including watering of the project site and unpaved roads three times per day, and restricting vehicle speed on unpaved roads to 15 miles per hour.
Emissions include reductions from implementation of **MM-AQ-1**.
Greatest on-site NO_2, CO, PM_{10}, and $PM_{2.5}$ emissions are associated with the overlap between the site preparation, grading, rock crushing and rock popping, and paving phases in November 2020 through April 2021.

As shown in Table 14, the construction HRA results from the unmitigated scenario show cancer risks exceeding the 10 in 1 million threshold and thus a potentially significant impact at the maximally exposed individual residential receptors. Implementation of **MM-AQ-1** would reduce project construction-generated DPM missions to the extent feasible. The HRA results after incorporation of **MM-AQ-1** are presented in Table 17. Thus, impacts after mitigation are **less than significant**.

Table 17. Construction Health Risk Assessment Results – Mitigated

Impact Parameter	Units	Project Impact	CEQA Threshold	Level of Significance
Maximum Individual Cancer Risk – Residential	Per Million	3.96	10	Less than significant
Chronic Hazard Index – Residential	Index Value	0.004	1.0	Less than Significant

Source: SCAQMD 2015.
Notes: CEQA = California Environmental Quality Act.
See Appendix D.

Implementation of **MM-AQ-1** would reduce construction-generated health risk to levels below SCAQMD thresholds. However, implementation of **MM-AQ-2** would not reduce operation-generated emissions to levels below SCAQMD thresholds. Furthermore, the mitigated construction and operational activities would result in a Residential Maximum Individual Cancer Risk of 8.94 in 1 million, which would be less than the significance threshold of 10 in 1 million. Thus, site-specific impacts during operation and to other criteria air pollutants would be **significant and unavoidable**.

2.5.4 Result in other emissions (such as those leading to odors) adversely affecting a substantial number of people?

The occurrence and severity of potential odor impacts depends on numerous factors. The nature, frequency, and intensity of the source; the wind speeds and direction; and the sensitivity of receiving location each contribute to the intensity of the impact. Although offensive odors seldom cause physical harm, they can be annoying and cause distress among the public and generate citizen complaints.

Odors would be potentially generated from vehicles and equipment exhaust emissions during construction of the project. Potential odors produced during construction would be attributable to concentrations of unburned hydrocarbons from tailpipes of construction equipment, architectural coatings, and asphalt pavement application. Such odors would disperse rapidly from the project site and generally occur at magnitudes that would not affect substantial numbers of people. Therefore, impacts associated with odors during construction would be less than significant.

Land uses and industrial operations associated with odor complaints include agricultural uses, wastewater treatment plants, food-processing plants, chemical plants, composting, refineries, landfills, dairies, and fiberglass molding (SCAQMD 1993). Operation of the project would have the potential to create odors related to vehicle fueling at the proposed gas station. These odors would be temporary and dissipated quickly by regional air movement and localized winds, and no buildup of odors is expected to occur. Furthermore, the closest residential receptors are located 640 feet from the proposed gas station. Also, the gasoline dispensing facility would be equipped with phase I and phase II controls to be in compliance with CARB and SCAQMD requirements for vapor recovery to collect gasoline vapors during fuel delivery or fuel storage and vehicle fueling, which would also have a co-benefit for controlling odors. Therefore, project operations would result in an odor impact that is less than significant.

Mitigation Measures

No mitigation is required.

Level of Significance After Mitigation

Impacts would be less than significant without mitigation.

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3 Greenhouse Gas Emissions

3.1 Environmental Setting

3.1.1 Climate Change Overview

Climate change refers to any significant change in measures of climate, such as temperature, precipitation, or wind patterns, lasting for an extended period of time (i.e., decades or longer). The Earth's temperature depends on the balance between energy entering and leaving the planet's system. Many factors, both natural and human, can cause changes in Earth's energy balance, including variations in the sun's energy reaching Earth, changes in the reflectivity of Earth's atmosphere and surface, and changes in the greenhouse effect, which affects the amount of heat retained by Earth's atmosphere (EPA 2017a).

The greenhouse effect is the trapping and build-up of heat in the atmosphere (troposphere) near the Earth's surface. The greenhouse effect traps heat in the troposphere through a threefold process as follows: Short-wave radiation emitted by the Sun is absorbed by the Earth, the Earth emits a portion of this energy in the form of long-wave radiation, and GHGs in the upper atmosphere absorb this long-wave radiation and emit it into space and toward the Earth. The greenhouse effect is a natural process that contributes to regulating the Earth's temperature and creates a pleasant, livable environment on the Earth. Human activities that emit additional GHGs to the atmosphere increase the amount of infrared radiation that gets absorbed before escaping into space, thus enhancing the greenhouse effect and causing the Earth's surface temperature to rise.

The scientific record of the Earth's climate shows that the climate system varies naturally over a wide range of time scales and that, in general, climate changes prior to the Industrial Revolution in the 1700s can be explained by natural causes such as changes in solar energy, volcanic eruptions, and natural changes in GHG concentrations. Recent climate changes, in particular the warming observed over the past century, however, cannot be explained by natural causes alone. Rather, it is extremely likely that human activities have been the dominant cause of that warming since the mid-twentieth century and is the most significant driver of observed climate change (IPCC 2013; EPA 2017a). Human influence on the climate system is evident from the increasing GHG concentrations in the atmosphere, positive radiative forcing, observed warming, and improved understanding of the climate system (IPCC 2013). The atmospheric concentrations of GHGs have increased to levels unprecedented in the last 800,000 years, primarily from fossil fuel emissions and secondarily from emissions associated with land use changes (IPCC 2013). Continued emissions of GHGs will cause further warming and changes in all components of the climate system, which is discussed further in Section 3.3.2, Potential Effects of Climate Change.

3.1.2 Greenhouse Gases

A GHG is any gas that absorbs infrared radiation in the atmosphere; in other words, GHGs trap heat in the atmosphere. As defined in California Health and Safety Code, Section 38505(g), for purposes of administering many of the State's primary GHG emissions reduction programs, GHGs include CO_2, methane (CH_4), nitrous oxide (N_2O), hydrofluorocarbons (HFCs), perfluorocarbons (PFCs), sulfur hexafluoride (SF_6), and nitrogen trifluoride (NF_3). (See also CEQA Guidelines, Section 15364.5.) Some GHGs, such as CO_2, CH_4, and N_2O, occur naturally and are emitted into the atmosphere through natural processes and human activities. Of these gases, CO_2 and CH_4 are emitted in the greatest quantities from human activities. Manufactured GHGs, which have a much greater

heat-absorption potential than CO_2, include fluorinated gases, such as HFCs, PFCs, and SF_6, which are associated with certain industrial products and processes. The following paragraphs provide a summary of the most common GHGs and their sources.[10]

Carbon Dioxide. CO_2 is a naturally occurring gas and a by-product of human activities and is the principal anthropogenic GHG that affects the Earth's radiative balance. Natural sources of CO_2 include respiration of bacteria, plants, animals, and fungus; evaporation from oceans; volcanic out-gassing; and decomposition of dead organic matter. Human activities that generate CO_2 are from the combustion of fuels such as coal, oil, natural gas, and wood and changes in land use.

Methane. CH_4 is produced through both natural and human activities. CH_4 is a flammable gas and is the main component of natural gas. Methane is produced through anaerobic (without oxygen) decomposition of waste in landfills, flooded rice fields, animal digestion, decomposition of animal wastes, production and distribution of natural gas and petroleum, coal production, and incomplete fossil fuel combustion.

Nitrous Oxide. N_2O is produced through natural and human activities, mainly through agricultural activities and natural biological processes, although fuel burning and other processes also create N_2O. Sources of N_2O include soil cultivation practices (microbial processes in soil and water), especially the use of commercial and organic fertilizers, manure management, industrial processes (such as in nitric acid production, nylon production, and fossil-fuel-fired power plants), vehicle emissions, and using N_2O as a propellant (e.g., rockets, racecars, and aerosol sprays).

Fluorinated Gases. Fluorinated gases (also referred to as F-gases) are synthetic powerful GHGs emitted from many industrial processes. Fluorinated gases are commonly used as substitutes for stratospheric ozone-depleting substances (e.g., chlorofluorocarbons [CFCs], hydrochlorofluorocarbons [HCFCs], and halons). The most prevalent fluorinated gases include the following:

- **Hydrofluorocarbons:** HFCs are compounds containing only hydrogen, fluorine, and carbon atoms. HFCs are synthetic chemicals used as alternatives to ozone-depleting substances in serving many industrial, commercial, and personal needs. HFCs are emitted as by-products of industrial processes and are used in manufacturing.
- **Perfluorocarbons:** PFCs are a group of human-made chemicals composed of carbon and fluorine only. These chemicals were introduced as alternatives, with HFCs, to the ozone depleting substances. The two main sources of PFCs are primary aluminum production and semiconductor manufacturing. Since PFCs have stable molecular structures and do not break down through the chemical processes in the lower atmosphere, these chemicals have long lifetimes, ranging between 10,000 and 50,000 years.
- **Sulfur Hexafluoride:** SF_6 is a colorless gas soluble in alcohol and ether and slightly soluble in water. SF_6 is used for insulation in electric power transmission and distribution equipment, semiconductor manufacturing, the magnesium industry, and as a tracer gas for leak detection.
- **Nitrogen Trifluoride:** NF_3 is used in the manufacture of a variety of electronics, including semiconductors and flat panel displays.

[10] The descriptions of GHGs are summarized from the Intergovernmental Panel on Climate Change (IPCC) Second Assessment Report (1995), IPCC Fourth Assessment Report (2007), CARB's "Glossary of Terms Used in GHG Inventories" (2015a), and EPA's "Glossary of Climate Change Terms" (2016e).

Chlorofluorocarbons. CFCs are synthetic chemicals that have been used as cleaning solvents, refrigerants, and aerosol propellants. CFCs are chemically unreactive in the lower atmosphere (troposphere), and the production of CFCs was prohibited in 1987 due to the chemical destruction of stratospheric O_3.

Hydrochlorofluorocarbons. HCFCs are a large group of compounds whose structure is very close to that of CFCs—containing hydrogen, fluorine, chlorine, and carbon atoms—but including one or more hydrogen atoms. Like HFCs, HCFCs are used in refrigerants and propellants. HCFCs were also used in place of CFCs for some applications; however, their use in general is being phased out.

Black Carbon. Black carbon is a component of fine particulate matter, which has been identified as a leading environmental risk factor for premature death. It is produced from the incomplete combustion of fossil fuels and biomass burning, particularly from older diesel engines and forest fires. Black carbon warms the atmosphere by absorbing solar radiation, influences cloud formation, and darkens the surface of snow and ice, which accelerates heat absorption and melting. Black carbon is a short-lived species that varies spatially, which makes it difficult to quantify the global warming potential. DPM emissions are a major source of black carbon and are TACs that have been regulated and controlled in California for several decades to protect public health. In relation to declining diesel particulate matter from the CARB's regulations pertaining to diesel engines, diesel fuels, and burning activities, CARB estimates that annual black carbon emissions in California have reduced by 70% between 1990 and 2010, with 95% control expected by 2020 (CARB 2014).

Water Vapor. The primary source of water vapor is evaporation from the ocean, with additional vapor generated by sublimation (change from solid to gas) from ice and snow, evaporation from other water bodies, and transpiration from plant leaves. Water vapor is the most important, abundant, and variable GHG in the atmosphere and maintains a climate necessary for life.

Ozone. Tropospheric O_3, which is created by photochemical reactions involving gases from both natural sources and human activities, acts as a GHG. Stratospheric O_3, which is created by the interaction between solar ultraviolet radiation and molecular oxygen (O_2), plays a decisive role in the stratospheric radiative balance. Depletion of stratospheric O_3, due to chemical reactions that may be enhanced by climate change, results in an increased ground-level flux of ultraviolet-B radiation.

Aerosols. Aerosols are suspensions of particulate matter in a gas emitted into the air through burning biomass (plant material) and fossil fuels. Aerosols can warm the atmosphere by absorbing and emitting heat and can cool the atmosphere by reflecting light.

3.1.3 Global Warming Potential

Gases in the atmosphere can contribute to climate change both directly and indirectly. Direct effects occur when the gas itself absorbs radiation. Indirect radiative forcing occurs when chemical transformations of the substance produce other GHGs, when a gas influences the atmospheric lifetimes of other gases, and/or when a gas affects atmospheric processes that alter the radiative balance of the Earth (e.g., affect cloud formation or albedo) (EPA 2016e). The Intergovernmental Panel on Climate Change (IPCC) developed the global warming potential (GWP) concept to compare the ability of each GHG to trap heat in the atmosphere relative to another gas. The GWP of a GHG is defined as the ratio of the time-integrated radiative forcing from the instantaneous release of 1 kilogram of a trace substance relative to that of 1 kilogram of a reference gas (IPCC 2014). The reference gas used is CO_2; therefore, GWP-weighted emissions are measured in metric tons of CO_2 equivalent (MT CO_2e).

The current version of CalEEMod (version 2016.3.2) assumes that the GWP for CH_4 is 25 (so emissions of 1 MT of CH_4 are equivalent to emissions of 25 MT of CO_2), and the GWP for N_2O is 298, based on the IPCC Fourth Assessment Report (IPCC 2007). The GWP values identified in CalEEMod were applied to the project.

3.2 Regulatory Setting

3.2.1 Federal Regulations

Massachusetts v. EPA. In *Massachusetts v. EPA* (April 2007), the U.S. Supreme Court directed the EPA administrator to determine whether GHG emissions from new motor vehicles cause or contribute to air pollution that may reasonably be anticipated to endanger public health or welfare, or whether the science is too uncertain to make a reasoned decision. In December 2009, the administrator signed a final rule with the following two distinct findings regarding GHGs under Section 202(a) of the federal Clean Air Act:

- The Administrator found that elevated concentrations of GHGs—CO_2, CH_4, N_2O, HFCs, PFCs, and SF_6—in the atmosphere threaten the public health and welfare of current and future generations. This is the "endangerment finding."
- The Administrator further found the combined emissions of GHGs—CO_2, CH_4, N_2O, and HFCs—from new motor vehicles and new motor vehicle engines contribute to the GHG air pollution that endangers public health and welfare. This is the "cause or contribute finding."

These two findings were necessary to establish the foundation for regulation of GHGs from new motor vehicles as air pollutants under the Clean Air Act.

Energy Independence and Security Act of 2007. The Energy Independence and Security Act of 2007 (December 2007), among other key measures, would do the following, which would aid in the reduction of national GHG emissions (EPA 2007):

- Increase the supply of alternative fuel sources by setting a mandatory Renewable Fuel Standard requiring fuel producers to use at least 36 billion gallons of biofuel in 2022.
- Set a target of 35 miles per gallon for the combined fleet of cars and light trucks by model year 2020, and directs National Highway Traffic Safety Administration (NHTSA) to establish a fuel economy program for medium- and heavy-duty trucks and create a separate fuel economy standard for work trucks.
- Prescribe or revise standards affecting regional efficiency for heating and cooling products and procedures for new or amended standards, energy conservation, energy-efficiency labeling for consumer electronic products, residential boiler efficiency, electric motor efficiency, and home appliances.

Federal Vehicle Standards. In response to the U.S. Supreme Court ruling previously discussed, the Bush Administration issued Executive Order (EO) 13432 in 2007 directing the EPA, the Department of Transportation, and the Department of Energy to establish regulations that reduce GHG emissions from motor vehicles, non-road vehicles, and non-road engines by 2008. In 2009, the NHTSA issued a final rule regulating fuel efficiency and GHG emissions from cars and light-duty trucks for model year 2011, and in 2010, the EPA and NHTSA issued a final rule regulating cars and light-duty trucks for model years 2012–2016 (75 FR 25324–25728).

In 2010, President Barack Obama issued a memorandum directing the Department of Transportation, Department of Energy, EPA, and NHTSA to establish additional standards regarding fuel efficiency and GHG reduction, clean fuels, and advanced vehicle infrastructure. In response to this directive, EPA and NHTSA proposed stringent, coordinated federal GHG and fuel economy standards for model years 2017–2025 light-duty vehicles. The proposed standards projected to achieve 163 grams per mile of CO_2 in model year 2025, on an average industry fleet-wide basis, which is equivalent to 54.5 miles per gallon if this level were achieved solely through fuel efficiency. The final rule was adopted in 2012 for model years 2017–2021 (77 FR 62624–63200). On January 12, 2017, the EPA finalized its decision to maintain the current greenhouse (GHG) emissions standards for model years 2022–2025 cars and light trucks (EPA 2017b).

In addition to the regulations applicable to cars and light-duty trucks described above, in 2011, the EPA and NHTSA announced fuel economy and GHG standards for medium- and heavy-duty trucks for model years 2014–2018 (76 FR 57106–57513). The standards for CO_2 emissions and fuel consumption are tailored to three main vehicle categories: combination tractors, heavy-duty pickup trucks and vans, and vocational vehicles. According to the EPA, this regulatory program will reduce GHG emissions and fuel consumption for the affected vehicles by 6%–23% over the 2010 baselines.

On September 27, 2019, EPA and NHTSA published the "Safer Affordable Fuel-Efficient (SAFE) Vehicles Rule Part One: One National Program." (84 Fed. Reg. 51,310), which became effective November 26, 2019. The Part One Rule revokes California's authority to set its own GHG emissions standards and set zero-emission vehicle mandates in California. The Part One Rule impacts some of the underlying assumptions in the CARB EMFAC 2014 and EMFAC 2017 models for criteria air pollutant emissions from gasoline light-duty vehicles, which CARB released off-model adjustment factors for on November 20, 2019, primarily for use in federal Clean Air Act conformity demonstration analyses. EPA and NHTSA delayed promulgating final federal GHG and fuel economy standards (SAFE Rule Part Two) for the "near future." Because CARB does not know the full impacts of these rules until Part Two is released, no off-model adjustments factors are available for GHG emissions at this time. In addition, the EMFAC off-model adjustments have not yet been incorporated into CalEEMod. This issue is evolving as California and 22 other states, as well as the District of Columbia and two cities, filed suit against the EPA over the vehicle waiver revocation on November 15, 2019, and a petition for reconsideration of the rule was filed on November 26, 2019, by California and 22 other states, the District of Columbia, and four cities

Clean Power Plan and New Source Performance Standards for Electric Generating Units. On October 23, 2015, EPA published a final rule (effective December 22, 2015) establishing the Carbon Pollution Emission Guidelines for Existing Stationary Sources: Electric Utility Generating Units (80 FR 64510–64660), also known as the Clean Power Plan. These guidelines prescribe how states must develop plans to reduce GHG emissions from existing fossil-fuel-fired electric generating units. The guidelines establish CO_2 emission performance rates representing the best system of emission reduction for two subcategories of existing fossil-fuel-fired electric generating units: (1) fossil-fuel-fired electric utility steam-generating units, and (2) stationary combustion turbines. Concurrently, the EPA published a final rule (effective October 23, 2015) establishing Standards of Performance for Greenhouse Gas Emissions from New, Modified, and Reconstructed Stationary Sources: Electric Utility Generating Units (80 FR 64661–65120). The rule prescribes CO_2 emission standards for newly constructed, modified, and reconstructed affected fossil-fuel-fired electric utility generating units. The U.S. Supreme Court stayed implementation of the Clean Power Plan pending resolution of several lawsuits.

3.2.2 State Regulations

The statewide GHG emissions regulatory framework is summarized below by category: state climate change targets, building energy, renewable energy and energy procurement, mobile sources, solid waste, water, and other state regulations and goals. The following text describes EOs, legislation, regulations, and other plans and policies that would directly or indirectly reduce GHG emissions and/or address climate change issues.

State Climate Change Targets

The state has taken a number of actions to address climate change. These include EOs, legislation, and CARB plans and requirements. These are summarized below.

EO S-3-05. EO S-3-05 (June 2005) established California's GHG emissions reduction targets and laid out responsibilities among the state agencies for implementing the EO and for reporting on progress toward the targets. This EO established the following targets:

- By 2010, reduce GHG emissions to 2000 levels
- By 2020, reduce GHG emissions to 1990 levels
- By 2050, reduce GHG emissions to 80% below 1990 levels

EO S-3-05 also directed the California Environmental Protection Agency to report biannually on progress made toward meeting the GHG targets and the impacts to California due to global warming, including impacts to water supply, public health, agriculture, the coastline, and forestry. The Climate Action Team (CAT) was formed, which subsequently issued reports from 2006 to 2010 (CAT 2016).

AB 32. In furtherance of the goals established in EO S-3-05, the Legislature enacted AB 32 (Núñez and Pavley). The bill is referred to as the California Global Warming Solutions Act of 2006 (September 27, 2006). AB 32 provided initial direction on creating a comprehensive multiyear program to limit California's GHG emissions at 1990 levels by 2020 and initiate the transformations required to achieve the state's long-range climate objectives.

Senate Bill (SB) 32 and AB 197. SB 32 and AB 197 (enacted in 2016) are companion bills. SB 32 codified the 2030 emissions reduction goal of EO B-30-15 by requiring CARB to ensure that statewide GHG emissions are reduced to 40% below 1990 levels by 2030. AB 197 established the Joint Legislative Committee on Climate Change Policies, consisting of at least three members of the Senate and three members of the Assembly, in order to provide ongoing oversight over implementation of the state's climate policies. AB 197 also added two members of the Legislature to the Board as nonvoting members; requires CARB to make available and update (at least annually via its website) emissions data for GHGs, criteria air pollutants, and TACs from reporting facilities; and, requires CARB to identify specific information for GHG emissions reduction measures when updating the scoping plan.

CARB's 2007 Statewide Limit. In 2007, in accordance with California Health and Safety Code, Section 38550, CARB approved a statewide limit on the GHG emissions level for year 2020 consistent with the determined 1990 baseline (427 million metric tons (MMT) CO_2e).

CARB's Climate Change Scoping Plan. One specific requirement of AB 32 is for CARB to prepare a "scoping plan" for achieving the maximum technologically feasible and cost-effective GHG emission reductions by 2020 (Health and Safety Code, Section 38561(a)), and to update the plan at least once every 5 years. In 2008, CARB approved

the first scoping plan. The *Climate Change Scoping Plan: A Framework for Change* (*Scoping Plan*) included a mix of recommended strategies that combined direct regulations, market-based approaches, voluntary measures, policies, and other emission reduction programs calculated to meet the 2020 statewide GHG emission limit and initiate the transformations needed to achieve the state's long-range climate objectives. The key elements of the Scoping Plan include the following (CARB 2008):

1. Expanding and strengthening existing energy efficiency programs as well as building and appliance standards
2. Achieving a statewide renewable energy mix of 33%
3. Developing a California cap-and-trade program that links with other Western Climate Initiative partner programs to create a regional market system and caps sources contributing 85% of California's GHG emissions
4. Establishing targets for transportation-related GHG emissions for regions throughout California, and pursuing policies and incentives to achieve those targets
5. Adopting and implementing measures pursuant to existing state laws and policies, including California's clean car standards, goods movement measures, and the Low Carbon Fuel Standard (LCFS 17 CCR, Section 95480 et seq.)
6. Creating targeted fees, including a public goods charge on water use, fees on high GWP gases, and a fee to fund the administrative costs of the State of California's long-term commitment to AB 32 implementation

The Scoping Plan also identified local governments as essential partners in achieving California's goals to reduce GHG emissions because they have broad influence and, in some cases, exclusive authority over activities that contribute to significant direct and indirect GHG emissions through their planning and permitting processes, local ordinances, outreach and education efforts, and municipal operations. Specifically, the Scoping Plan encouraged local governments to adopt a reduction goal for municipal operations and for community emissions to reduce GHGs by approximately 15% from then levels (2008) by 2020. Many local governments developed community-scale local GHG reduction plans based on this Scoping Plan recommendation.

In 2014, CARB approved the first update to the Scoping Plan. The *First Update to the Climate Change Scoping Plan: Building on the Framework* (*First Update)* defined the state's GHG emission reduction priorities for the next 5 years and laid the groundwork to start the transition to the post-2020 goals set forth in EOs S-3-05 and B-16-2012. The *First Update* concluded that California is on track to meet the 2020 target but recommended a 2030 mid-term GHG reduction target be established to ensure a continuum of action to reduce emissions. The *First Update* recommended a mix of technologies in key economic sectors to reduce emissions through 2050 including: energy demand reduction through efficiency and activity changes; large-scale electrification of on-road vehicles, buildings and industrial machinery; decarbonizing electricity and fuel supplies; and, the rapid market penetration of efficient and clean energy technologies. As part of the *First Update*, CARB recalculated the state's 1990 emissions level, using more recent global warming potentials identified by the Intergovernmental Panel on Climate Change, from 427 MMT CO_2e to 431 MMT CO_2e.

In 2015, as directed by EO B-30-15, CARB began working on an update to the Scoping Plan to incorporate the 2030 target of 40% below 1990 levels by 2030 to keep California on its trajectory toward meeting or exceeding the long-term goal of reducing GHG emissions to 80% below 1990 levels by 2050 as set forth in S-3-05. The Governor called on California to pursue a new and ambitious set of strategies, in line with the five climate change pillars from his inaugural address, to reduce GHG emissions and prepare for the unavoidable impacts of climate change. In the summer of 2016, the Legislature affirmed the importance of addressing climate change through passage of SB 32 (Pavley, Chapter 249, Statutes of 2016).

In January 2017, CARB released the *2017 Climate Change Scoping Plan Update (2030 Scoping Plan)* for public review and comment (CARB 2017b). The 2030 Scoping Plan builds on the successful framework established in the initial Scoping Plan and First Update, while identifying new, technologically feasible and cost-effective strategies that will serve as the framework to achieve the 2030 GHG target and define the state's climate change priorities to 2030 and beyond. The strategies' "known commitments" include implementing renewable energy and energy efficiency (including the mandates of SB 350), increased stringency of the Low Carbon Fuel Standard, measures identified in the Mobile Source and Freight Strategies, measures identified in the proposed Short-Lived Climate Pollutant Plan, and increased stringency of SB 375 targets. To fill the gap in additional reductions needed to achieve the 2030 target, it recommends continuing the Cap-and-Trade Program.

For local governments, the 2030 Scoping Plan replaced the initial Scoping Plan's 15% reduction goal with a recommendation to aim for a community-wide goal of no more than 6 MT CO_2e per capita by 2030 and no more than 2 MT CO_2e per capita by 2050, which are consistent with the state's long-term goals. These goals are also consistent with the Under 2 MOU (Under 2 2016) and the Paris Agreement, which are developed around the scientifically based levels necessary to limit global warming below 2°C. The 2030 Scoping Plan recognized the benefits of local government GHG planning (e.g., through climate action plans (CAPs)) and provide more information regarding tools CARB is working on to support those efforts. It also recognizes the CEQA streamlining provisions for project level review where there is a legally adequate CAP.[11] The Second Update was approved by CARB's Governing Board on December 14, 2017.

The Scoping Plan recommends strategies for implementation at the statewide level to meet the goals of AB 32, SB 32, and the EOs and establishes an overall framework for the measures that will be adopted to reduce California's GHG emissions. A project is considered consistent with the statutes and EOs if it meets the general policies in reducing GHG emissions to facilitate the achievement of the state's goals and does not impede attainment of those goals. As discussed in several cases, a given project need not be in perfect conformity with each and every planning policy or goals to be consistent. A project would be consistent, if it will further the objectives and not obstruct their attainment.

CARB's Regulations for the Mandatory Reporting of Greenhouse Gas Emissions. CARB's Regulation for the Mandatory Reporting of Greenhouse Gas Emissions (17 CCR 95100–95157) incorporated by reference certain requirements that EPA promulgated in its Final Rule on Mandatory Reporting of Greenhouse Gases (Title 40, CFR, Part 98). Specifically, Section 95100(c) of the Mandatory Reporting Regulation incorporated those requirements that EPA promulgated in the Federal Register on October 30, 2009; July 12, 2010; September 22, 2010; October 28, 2010; November 30, 2010; December 17, 2010; and April 25, 2011. In general, entities subject to the Mandatory Reporting Regulation that emit over 10,000 MT CO_2e per year are required to report annual GHGs through the California Electronic GHG Reporting Tool. Certain sectors, such as refineries and cement plants, are required to report regardless of emission levels. Entities that emit more than the 25,000 MT CO_2e per year threshold are required to have their GHG emission report verified by a CARB-accredited third-party verified.

EO B-18-12. EO B-18-12 (April 2012) directed state agencies, departments, and other entities under the governor's executive authority to take action to reduce entity-wide GHG emissions by at least 10% by 2015 and 20% by 2020, as

[11] *Sierra Club v. County of Napa* (2004) 121 Cal.App.4th 1490; *San Francisco Tomorrow et al. v. City and County of San Francisco* (2015) 229 Cal.App.4th 498; *San Franciscans Upholding the Downtown Specific Plan v. City and County of San Francisco* (2002) 102 Cal.App.4th 656; *Sequoyah Hills Homeowners Assn. V. City of Oakland* (1993) 23 Cal.App.4th 704, 719.

measured against a 2010 baseline. EO B-18-12 also established goals for existing state buildings for reducing grid-based energy purchases and water use.

EO B-30-15. EO B-30-15 (April 2015) identified an interim GHG reduction target in support of targets previously identified under S-3-05 and AB 32. EO B-30-15 set an interim target goal of reducing GHG emissions to 40% below 1990 levels by 2030 to keep California on its trajectory toward meeting or exceeding the long-term goal of reducing GHG emissions to 80% below 1990 levels by 2050 as set forth in S-3-05. To facilitate achieving this goal, EO B-30-15 called for CARB to update the Scoping Plan to express the 2030 target in terms of MMT CO_2e. The EO also called for state agencies to continue to develop and implement GHG emission reduction programs in support of the reduction targets.

SB 605 and SB 1383. SB 605 (2014) requires CARB to complete a comprehensive strategy to reduce emissions of short-lived climate pollutants (SLCPs) in the state; and SB 1383 (2016) requires CARB to approve and implement that strategy by January 1, 2018. SB 1383 also establishes specific targets for the reduction of SLCPs (40% below 2013 levels by 2030 for methane and HFCs, and 50% below 2013 levels by 2030 for anthropogenic black carbon), and provides direction for reductions from dairy and livestock operations and landfills. Accordingly, and as mentioned above, CARB adopted its *Short-Lived Climate Pollutant Reduction Strategy* (*SLCP Reduction Strategy*) in March 2017. The *SLCP Reduction Strategy* establishes a framework for the statewide reduction of emissions of black carbon, methane, and fluorinated gases.

Building Energy

Title 24, Part 6. Title 24 of the California Code of Regulations was established in 1978 and serves to enhance and regulate California's building standards. While not initially promulgated to reduce GHG emissions, Part 6 of Title 24 specifically established Building Energy Efficiency Standards that are designed to ensure new and existing buildings in California achieve energy efficiency and preserve outdoor and indoor environmental quality. These energy efficiency standards are reviewed every few years by the Building Standards Commission and the California Energy Commission (CEC) (and revised if necessary) (California Public Resources Code, Section 25402(b)(1)). The regulations receive input from members of industry, as well as the public, with the goal of "reducing of wasteful, uneconomic, inefficient, or unnecessary consumption of energy" (California Public Resources Code, Section 25402). These regulations are carefully scrutinized and analyzed for technological and economic feasibility (California Public Resources Code, Section 25402(d)) and cost effectiveness (California Public Resources Code, Sections 25402(b)(2) and (b)(3)). As a result, these standards save energy, increase electricity supply reliability, increase indoor comfort, avoid the need to construct new power plants, and help preserve the environment.

The 2016 Title 24 building energy efficiency standards became effective January 1, 2017. The 2019 Title 24 Building Energy Efficiency Standards became effective January 1, 2020, which will further reduce energy used and associated GHG emissions compared to the 2016 Title 24 building energy standards. Nonresidential buildings built to the 2019 standards are anticipated to use an estimated 30% less energy than those built to the 2016 standards (CEC 2018).

Title 24, Part 11. In addition to the CEC's efforts, in 2008, the California Building Standards Commission adopted the nation's first green building standards. The California Green Building Standards Code (Part 11 of Title 24) is commonly referred to as California's Green Building Standards (CALGreen), and establishes minimum mandatory standards as well as voluntary standards pertaining to the planning and design of sustainable site development, energy efficiency (in

excess of the California Energy Code requirements), water conservation, material conservation, and interior air quality. The CALGreen standards took effect in January 2011 and instituted mandatory minimum environmental performance standards for all ground-up, new construction of commercial, low-rise residential and state-owned buildings and schools and hospitals.

The 2019 Title 24 standards focus on building energy efficiency and ensuring solar electricity generated on site is used on site. "Looking beyond the 2019 standards, the most important energy characteristic for a building will be that it produces and consumes energy at times that are appropriate and responds to the needs of the grid, which reduces the building's emissions" (CEC 2018).

The California Public Utilities Commission, CEC, and CARB also have a shared, established goal of achieving zero net energy (ZNE) performance for new construction in California. The key policy timelines include: (1) all new residential construction in California will be ZNE by 2020, and (2) all new commercial construction in California will be ZNE by 2030.[12]

Title 20. Title 20 of the California Code of Regulations requires manufacturers of appliances to meet state and federal standards for energy and water efficiency. The CEC certifies an appliance based on a manufacturer's demonstration that the appliance meets the standards. New appliances regulated under Title 20 include refrigerators, refrigerator-freezers, and freezers; room air conditioners and room air-conditioning heat pumps; central air conditioners; spot air conditioners; vented gas space heaters; gas pool heaters; plumbing fittings and plumbing fixtures; fluorescent lamp ballasts; lamps; emergency lighting; traffic signal modules; dishwaters; clothes washers and dryers; cooking products; electric motors; low-voltage dry-type distribution transformers; power supplies; televisions and consumer audio and video equipment; and battery charger systems. Title 20 presents protocols for testing each type of appliance covered under the regulations and appliances must meet the standards for energy performance, energy design, water performance and water design. Title 20 contains three types of standards for appliances: federal and state standards for federally regulated appliances, state standards for federally regulated appliances, and state standards for non-federally regulated appliances.

Senate Bill 1. SB 1 (Murray) (August 2006) established a $3 billion rebate program to support the goal of the state to install rooftop solar energy systems with a generation capacity of 3,000 megawatts through 2016. SB 1 added sections to the Public Resources Code, including Chapter 8.8 (California Solar Initiative), that require building projects applying for ratepayer-funded incentives for photovoltaic systems to meet minimum energy efficiency levels and performance requirements. Section 25780 established that it is a goal of the state to establish a self-sufficient solar industry. The goals included establishing solar energy systems as a viable mainstream option for both homes and businesses within 10 years of adoption, and placing solar energy systems on 50% of new homes within 13 years of adoption. SB 1, also termed "Go Solar California," was previously titled "Million Solar Roofs."

[12] See for example, CPUC, California's Zero Net Energy Policies and Initiatives, Sept. 18, 2013, accessed at http://annualmeeting.naseo.org/Data/Sites/2/presentations/Fogel-Getting-to-ZNE-CA-Experience.pdf. It is expected that achievement of the zero net energy goal will occur via revisions to the Title 24 standards.

California AB 1470 (Solar Water Heating). This bill established the Solar Water Heating and Efficiency Act of 2007. The bill makes findings and declarations of the Legislature relating to the promotion of solar water heating systems and other technologies that reduce natural gas demand. The bill defines several terms for purposes of the act. The bill requires the commission to evaluate the data available from a specified pilot program, and, if it makes a specified determination, to design and implement a program of incentives for the installation of 200,000 solar water heating systems in homes and businesses throughout the state by 2017.

Renewable Energy and Energy Procurement

SB 1078. SB 1078 (Sher) (September 2002) established the Renewable Portfolio Standard (RPS) program, which required an annual increase in renewable generation by the utilities equivalent to at least 1% of sales, with an aggregate goal of 20% by 2017. This goal was subsequently accelerated, requiring utilities to obtain 20% of their power from renewable sources by 2010 (see SB 107, EO S-14-08, and S-21-09).

SB 1368. SB 1368 (September 2006), required the CEC to develop and adopt regulations for GHG emission performance standards for the long-term procurement of electricity by local publicly owned utilities. These standards must be consistent with the standards adopted by the California Public Utilities Commission (CPUC).

AB 1109. Enacted in 2007, AB 1109 required the CEC to adopt minimum energy efficiency standards for general-purpose lighting, to reduce electricity consumption 50% for indoor residential lighting and 25% for indoor commercial lighting.

EO S-14-08. EO S-14-08 (November 2008) focused on the contribution of renewable energy sources to meet the electrical needs of California while reducing the GHG emissions from the electrical sector. This EO required that all retail suppliers of electricity in California serve 33% of their load with renewable energy by 2020. Furthermore, the EO directed state agencies to take appropriate actions to facilitate reaching this target. The California Natural Resources Agency (CNRA), through collaboration with the CEC and California Department of Fish and Wildlife (formerly the California Department of Fish and Game), was directed to lead this effort.

EO S-21-09 and SBX1-2. EO S-21-09 (September 2009) directed CARB to adopt a regulation consistent with the goal of EO S-14-08 by July 31, 2010. CARB was further directed to work with the CPUC and CEC to ensure that the regulation builds upon the RPS program and was applicable to investor-owned utilities, publicly owned utilities, direct access providers, and community choice providers. Under this order, CARB was to give the highest priority to those renewable resources that provide the greatest environmental benefits with the least environmental costs and impacts on public health and can be developed the most quickly in support of reliable, efficient, cost-effective electricity system operations. On September 23, 2010, CARB initially approved regulations to implement a Renewable Electricity Standard. However, this regulation was not finalized because of subsequent legislation (SB X1-2, Simitian, statutes of 2011) signed by Governor Brown in April 2011.

SB X1 2 expanded the Renewables Portfolio Standard by establishing a renewable energy target of 20% of the total electricity sold to retail customers in California per year by December 31, 2013, and 33% by December 31, 2020, and in subsequent years. Under the bill, a renewable electrical generation facility is one that uses biomass, solar thermal, photovoltaic, wind, geothermal, fuel cells using renewable fuels, small hydroelectric generation (30 megawatts or less), digester gas, municipal solid waste conversion, landfill gas, ocean wave, ocean thermal, or tidal current, and that meets other specified requirements with respect to its location.

SB X1-2 applies to all electricity retailers in the state including publicly owned utilities, investor-owned utilities, electricity service providers, and community choice aggregators. All of these entities must meet the renewable energy goals previously listed.

SB 350. SB 350 (October 2015) further expanded the RPS by establishing a goal of 50% of the total electricity sold to retail customers in California per year by December 31, 2030. In addition, SB 350 included the goal to double the energy efficiency savings in electricity and natural gas final end uses (e.g., heating, cooling, lighting, or class of energy uses on which an energy-efficiency program is focused) of retail customers through energy conservation and efficiency. The bill also requires the CPUC, in consultation with the CEC, to establish efficiency targets for electrical and gas corporations consistent with this goal.

SB 100. SB 100 (2018) increased the standards set forth in SB 350 establishing that 44% of the total electricity sold to retail customers in California per year by December 31, 2024, 52% by December 31, 2027, and 60% by December 31, 2030, be secured from qualifying renewable energy sources. SB 100 states that it is the policy of the state that eligible renewable energy resources and zero-carbon resources supply 100% of the retail sales of electricity to California. This bill requires that the achievement of 100% zero-carbon electricity resources do not increase the carbon emissions elsewhere in the western grid and that the achievement not be achieved through resource shuffling.

Mobile Sources

AB 1493. AB 1493 (Pavley) (July 2002) was enacted in a response to the transportation sector accounting for more than half of California's CO_2 emissions. AB 1493 required CARB to set GHG emission standards for passenger vehicles, light-duty trucks, and other vehicles determined by the state board to be vehicles that are primarily used for non-commercial personal transportation in the state. The bill required that CARB set GHG emission standards for motor vehicles manufactured in 2009 and all subsequent model years. CARB adopted the standards in September 2004. When fully phased in, the near-term (2009–2012) standards will result in a reduction of about 22% in GHG emissions compared to the emissions from the 2002 fleet, while the mid-term (2013–2016) standards will result in a reduction of about 30%.

Heavy Duty Diesel. CARB adopted the final Heavy Duty Truck and Bus Regulation, Title 13, Division 3, Chapter 1, Section 2025, on December 31, 2014, to reduce PM and NO_x emissions from heavy-duty diesel vehicles. The rule requires PM filters be applied to newer heavier trucks and buses by January 1, 2012, with older vehicles required to comply by January 1, 2015. The rule will require nearly all diesel trucks and buses to be compliant with the 2010 model year engine requirement by January 1, 2023. CARB also adopted an Airborne Toxic Control Measure to limit idling of diesel-fueled commercial vehicles on December 12, 2013. This rule requires diesel-fueled vehicles with gross vehicle weights greater than 10,000 pounds to idle no more than 5 minutes at any location (13 CCR 2485).

EO S-1-07. EO S-1-07 (January 2007, implementing regulation adopted in April 2009) sets a declining LCFS for GHG emissions measured in CO_2e grams per unit of fuel energy sold in California. The target of the LCFS is to reduce the carbon intensity of California passenger vehicle fuels by at least 10% by 2020 (17 CCR 95480 et seq.). The carbon intensity measures the amount of GHG emissions in the lifecycle of a fuel, including extraction/feedstock production, processing, transportation, and final consumption, per unit of energy delivered.

SB 375. SB 375 (Steinberg) (September 2008) addresses GHG emissions associated with the transportation sector through regional transportation and sustainability plans. SB 375 requires CARB to adopt regional GHG reduction targets for the automobile and light-truck sector for 2020 and 2035 and to update those targets every 8 years. SB 375 requires the state's 18 regional metropolitan planning organizations (MPOs) to prepare a Sustainable Communities Strategy (SCS) as part of their Regional Transportation Plan (RTP) that will achieve the GHG reduction targets set by CARB. If a MPO is unable to devise an SCS to achieve the GHG reduction target, the MPO must prepare an Alternative Planning Strategy demonstrating how the GHG reduction target would be achieved through alternative development patterns, infrastructure, or additional transportation measures or policies.

Pursuant to Government Code, Section 65080(b)(2)(K), a SCS does not: (i) regulate the use of land; (ii) supersede the land use authority of cities and counties; or (iii) require that a city's or county's land use policies and regulations, including those in a general plan, be consistent with it. Nonetheless, SB 375 makes regional and local planning agencies responsible for developing those strategies as part of the federally required metropolitan transportation planning process and the state-mandated housing element process.

In September 2010, CARB adopted the first SB 375 targets for the regional metropolitan planning organizations. The targets for SCAG are an 8% reduction in emissions per capita by 2020 and a 13% reduction by 2035. Achieving these goals through adoption of a SCS is the responsibility of the metropolitan planning organizations. SCAG adopted its first RTP/SCS in April 2012. The plan quantified a 9% reduction by 2020 and a 16% reduction by 2035 (SCAG 2012). In June 2012, CARB accepted SCAG's quantification of GHG reductions and its determination the SCS, if implemented, would achieve SCAG targets. On April 4, 2016, the SCAG Regional Council adopted the 2016 RTP/SCS, which builds upon the progress made in the 2012 RTP/SCS. The updated RTP/SCS quantified an 8% reduction by 2020 and an 18% reduction by 2030 (SCAG 2016). In June 2016, CARB accepted SCAG's quantification of GHG reductions and its determination the SCS, if implemented, would achieve SCAG targets.

Advanced Clean Cars Program and Zero-Emissions Vehicle Program. The Advanced Clean Cars program (January 2012) is a new emissions-control program for model years 2015 through 2025. The program combines the control of smog- and soot-causing pollutants and GHG emissions into a single coordinated package. The package includes elements to reduce smog-forming pollution, reduce GHG emissions, promote clean cars, and provide the fuels for clean cars (CARB 2012). To improve air quality, CARB has implemented new emission standards to reduce smog-forming emissions beginning with 2015 model year vehicles. It is estimated that in 2025 cars will emit 75% less smog-forming pollution than the average new car sold today. To reduce GHG emissions, CARB, in conjunction with the EPA and the NHTSA, adopted new GHG standards for model year 2017 to 2025 vehicles; the new standards are estimated to reduce GHG emissions by 34% in 2025. The ZEV program will act as the focused technology of the Advanced Clean Cars program by requiring manufacturers to produce increasing numbers of ZEVs and plug-in hybrid electric vehicles in the 2018 to 2025 model years.

EO B-16-12. EO B-16-12 (March 2012) required that state entities under the governor's direction and control support and facilitate the rapid commercialization of ZEVs. It ordered CARB, CEC, CPUC, and other relevant agencies to work with the Plug-in Electric Vehicle Collaborative and the California Fuel Cell Partnership to establish benchmarks to help achieve benchmark goals by 2015, 2020, and 2025. On a statewide basis, EO B-16-12 established a target reduction of GHG emissions from the transportation sector equaling 80% less than 1990 levels by 2050. This directive did not apply to vehicles that have special performance requirements necessary for the protection of the public safety and welfare.

AB 1236. AB 1236 (October 2015) (Chiu) required a city, county, or city and county to approve an application for the installation of electric vehicle charging stations, as defined, through the issuance of specified permits unless the city or county makes specified written findings based upon substantial evidence in the record that the proposed installation would have a specific, adverse impact upon the public health or safety, and there is no feasible method to satisfactorily mitigate or avoid the specific, adverse impact. The bill provided for appeal of that decision to the planning commission, as specified. The bill provided that the implementation of consistent statewide standards to achieve the timely and cost-effective installation of electric vehicle charging stations is a matter of statewide concern. The bill required electric vehicle charging stations to meet specified standards. The bill required a city, county, or city and county with a population of 200,000 or more residents to adopt an ordinance, by September 30, 2016, that created an expedited and streamlined permitting process for electric vehicle charging stations, as specified. The bill also required a city, county, or city and county with a population of less than 200,000 residents to adopt this ordinance by September 30, 2017.

Water

EO B-29-15. In response to the ongoing drought in California, EO B-29-15 (April 2015) set a goal of achieving a statewide reduction in potable urban water usage of 25% relative to water use in 2013. The term of the EO extended through February 28, 2016, although many of the directives have become permanent water-efficiency standards and requirements. The EO includes specific directives that set strict limits on water usage in the state. In response to EO B-29-15, the California Department of Water Resources has modified and adopted a revised version of the Model Water Efficient Landscape Ordinance that, among other changes, significantly increases the requirements for landscape water use efficiency and broadens its applicability to include new development projects with smaller landscape areas.

Solid Waste

AB 939 and AB 341. In 1989, AB 939, known as the Integrated Waste Management Act (California Public Resources Code, Sections 40000 et seq.), was passed because of the increase in waste stream and the decrease in landfill capacity. The statute established the California Integrated Waste Management Board, which oversees a disposal reporting system. AB 939 mandated a reduction of waste being disposed where jurisdictions were required to meet diversion goals of all solid waste through source reduction, recycling, and composting activities of 25% by 1995 and 50% by the year 2000.

AB 341 (Chapter 476, Statutes of 2011 (Chesbro)) amended the California Integrated Waste Management Act of 1989 to include a provision declaring that it is the policy goal of the state that not less than 75% of solid waste generated be source-reduced, recycled, or composted by the year 2020, and annually thereafter. In addition, AB 341 required the California Department of Resources Recycling and Recovery (CalRecycle) to develop strategies to achieve the state's policy goal. CalRecycle conducted several general stakeholder workshops and several focused workshops and in August 2015 published a discussion document titled AB 341 Report to the Legislature, which identifies five priority strategies that CalRecycle believes would assist the state in reaching the 75% goal by 2020, legislative and regulatory recommendations and an evaluation of program effectiveness (CalRecycle 2012).

Other State Actions

Senate Bill 97. SB 97 (Dutton) (August 2007) directed the Governor's Office of Planning and Research (OPR) to develop guidelines under CEQA for the mitigation of GHG emissions. In 2008, OPR issued a technical advisory as interim guidance regarding the analysis of GHG emissions in CEQA documents. The advisory indicated that the lead agency should identify and estimate a project's GHG emissions, including those associated with vehicular traffic, energy consumption, water usage, and construction activities (OPR 2008). The advisory further recommended that the lead agency determine significance of the impacts and impose all mitigation measures necessary to reduce GHG emissions to a level that is less than significant. The CNRA adopted the CEQA Guidelines amendments in December 2009, which became effective in March 2010.

Under the amended Guidelines, a lead agency has the discretion to determine whether to use a quantitative or qualitative analysis or apply performance standards to determine the significance of GHG emissions resulting from a particular project (14 CCR 15064.4(a)). The Guidelines require a lead agency to consider the extent to which the project complies with regulations or requirements adopted to implement a statewide, regional, or local plan for the reduction or mitigation of GHG emissions (14 CCR 15064.4(b)). The Guidelines also allow a lead agency to consider feasible means of mitigating the significant effects of GHG emissions, including reductions in emissions through the implementation of project features or off-site measures. The adopted amendments do not establish a GHG emission threshold, instead allowing a lead agency to develop, adopt, and apply its own thresholds of significance or those developed by other agencies or experts. The CNRA also acknowledges that a lead agency may consider compliance with regulations or requirements implementing AB 32 in determining the significance of a project's GHG emissions (CNRA 2009).

With respect to GHG emissions, the CEQA Guidelines state in Section 15064.4(a) that lead agencies should "make a good faith effort, to the extent possible on scientific and factual data, to describe, calculate or estimate" GHG emissions. The CEQA Guidelines note that an agency may identify emissions by either selecting a "model or methodology" to quantify the emissions or by relying on "qualitative analysis or other performance based standards" (14 CCR 15064.4(a)). Section 15064.4(b) states that the lead agency should consider the following when assessing the significance of impacts from GHG emissions on the environment: (1) the extent a project may increase or reduce GHG emissions as compared to the existing environmental setting; (2) whether the project emissions exceed a threshold of significance that the lead agency determines applies to the project; and (3) the extent to which the project complies with regulations or requirements adopted to implement a statewide, regional, or local plan for the reduction or mitigation of GHG emissions (14 CCR 15064.4(b)).

EO S-13-08. EO S-13-08 (November 2008) is intended to hasten California's response to the impacts of global climate change, particularly sea-level rise. Therefore, the EO directs state agencies to take specified actions to assess and plan for such impacts. The final 2009 California Climate Adaptation Strategy report was issued in December 2009 (CNRA 2009), and an update, Safeguarding California: Reducing Climate Risk, followed in July 2014 (CNRA 2014). To assess the state's vulnerability, the report summarizes key climate change impacts to the state for the following areas: Agriculture, Biodiversity and Habitat, Emergency Management, Energy, Forestry, Ocean and Coastal Ecosystems and Resources, Public Health, Transportation, and Water. Issuance of the Safeguarding California: Implementation Action Plans followed in March 2016 (CNRA 2016). In January 2018, the CNRA released the Safeguarding California Plan: 2018 Update, which communicates current and needed actions that state government should take to build climate change resiliency (CNRA 2018a).

2015 State of the State Address. In January 2015, Governor Brown in his inaugural address and annual report to the Legislature established supplementary goals, which would further reduce GHG emissions over the next 15 years. These goals include an increase in California's renewable energy portfolio from 33% to 50%, a reduction in vehicle petroleum use for cars and trucks by up to 50%, measures to double the efficiency of existing buildings, and decreasing emissions associated with heating fuels.

2016 State of the State Address. In his January 2016 address, Governor Brown established a statewide goal to bring per capita GHG emission down to two tons per person, which reflects the goal of the Global Climate Leadership Memorandum of Understanding (Under 2 MOU) to limit global warming to less than two degrees Celsius by 2050. The Under 2 MOU agreement pursues emission reductions of 80% to 95% below 1990 levels by 2050 and/or reaching a per capita annual emissions goal of less than 2 metric tons by 2050. A total of 135 jurisdictions representing 32 countries and 6 continents, including California, have signed or endorsed the Under 2 MOU (Under 2 2016).

3.2.3 Local Regulations

3.2.3.1 South Coast Air Quality Management District

Air districts typically act in an advisory capacity to local governments in establishing the framework for environmental review of air pollution impacts under CEQA. This may include recommendations regarding significance thresholds, analytical tools to estimate emissions and assess impacts, and mitigations for potentially significant impacts. Although air districts will also address some of these issues on a project-specific basis as responsible agencies, they may provide general guidance to local governments on these issues (SCAQMD 2008). As discussed in Section 3.4.1, Thresholds of Significance, the SCAQMD has recommended numeric CEQA significance thresholds for GHG emissions for lead agencies to use in assessing GHG impacts of residential and commercial development projects; however, these thresholds were not adopted. See Section 2.2.3.1, South Coast Air Quality Management District, for additional discussion on the SCAQMD.

3.2.3.2 City of Murrieta General Plan 2035

The Air Quality Element of the City's General Plan 2035 (City of Murrieta 2011b) includes the goals and policies that result in co-benefits with reducing GHG emissions. The Air Quality Element of the City's General Plan is discussed in Section 2.2.3.3. The Conservation Element includes goals and policies that result in benefits with reducing GHG emissions, these applicable goals and policies are as follows:

GOAL CSV-2 Murrieta promotes compliance with requirements from the State and appropriate agencies regarding comprehensive water conservation measures in buildings and landscaping.

Policy CSV-2.1 Ensure that all developments comply with water efficiency requirements, as mandated by the applicable Building Code.

GOAL CSV-12 Energy conservation and the generation of energy from renewable sources is prioritized as part of an overall strategy to reduce GHG emissions.

Policy CSV-12.1 Ensure that all developments comply with energy efficiency requirements as mandated by the applicable Building Code.

Policy CSV-12.3 Support the on-site installation and use of renewable energy generation systems for residential, commercial, institutional, and industrial uses.

GOAL CSV-13 Solid waste is diverted from landfills through waste reduction, re-use, and recycling.

Policy CSV-13.1 Continue to comply with the landfill diversion requirements of the Integrated Waste Management Program.

Policy CSV-13.2 Ensure that non-residential and multi-family developments provide readily accessible areas for recycling (at a minimum) paper, corrugated cardboard, glass, plastics and metals, as required by California law.

GOAL CSV-14 A community that encourages and incentivizes the sustainable development of buildings and neighborhoods, particularly with respect to durability, energy and water use, and transportation impacts.

Policy CSV-14.1 Ensure all applicable construction projects comply with the California State Green Building Standards Code.

Policy CSV-14.2 Encourage the integration of other principles of green building into development standards and guidelines, looking for opportunities to realize other benefits such as improved health and increased bicycle transportation.

3.2.3.3 City of Murrieta Climate Action Plan

Adopted as part of the City's General Plan 2035 on July 11, 2011, the City's Climate Action Plan (CAP) (City of Murrieta 2011b), which was prepared following CEQA Guidelines Section 15183.5, provides a framework for reducing GHG emissions and managing resources to best prepare for a changing climate. With respect to evaluation of projects under CEQA, the CAP states, "Projects that demonstrate consistency with the strategies, actions, and emission reduction targets contained in the CAP would have a less than significant impacts on climate change" (City of Murrieta 2011c). The City's CAP also suggests best practices for implementation and makes recommendations for measuring progress.

The City's CAP is intended to address the main sources of the emissions that cause climate change, which include emissions from the energy consumed in buildings and for transportation, as well as the solid waste sent to landfills. The purpose of the City's CAP is to guide the development, enhancement, and implementation of actions that would reduce the City's GHG emissions by 15% below existing (2009) levels by 2020. The City's CAP cannot be relied on for the analysis because the Project buildout would be post-2020; thus, consistency with the City's CAP is included for informational purposes.

3.3 Greenhouse Gas Inventories and Climate Change Conditions

3.3.1 Sources of Greenhouse Gas Emissions

Anthropogenic GHG emissions worldwide in 2017 (the most recent year for which data is available) totaled approximately 50,860 million metric tons (MMT) of CO_2e, excluding land use change and forestry (PBL 2018). Six countries—China, the United States, the Russian Federation, India, Japan, and Brazil—and the European community accounted for approximately 65% of the total global emissions, or approximately 33,290 MMT CO_2e (PBL 2018).

Per the EPA's *Inventory of U.S. Greenhouse Gas Emissions and Sinks: 1990–2017* (2019), total United States GHG emissions were approximately 6,457 MMT CO_2e in 2017. The primary GHG emitted by human activities in the United States was CO_2, which represented approximately 81.6% of total GHG emissions (6,457 MMT CO_2e). The largest source of CO_2, and of overall GHG emissions, was fossil-fuel combustion, which accounted for approximately 93.2% of CO_2 emissions in 2017 (4,912 MMT CO_2e). Relative to 1990, gross United States GHG emissions in 2017 are higher by 1.3%, down from a high of 15.7% above 1990 levels in 2007. GHG emissions decreased from 2016 to 2017 by 0.5% (35.5 MMT CO_2e) and overall, net emissions in 2017 were 13% below 2005 levels (EPA 2019).

According to California's 2000–2016 GHG emissions inventory (2018 edition), California emitted 429.4 MMT CO_2e in 2016, including emissions resulting from out-of-state electrical generation (CARB 2018). The sources of GHG emissions in California include transportation, industrial uses, electric power production from both in-state and out-of-state sources, commercial and residential uses, agriculture, high global-warming potential substances, and recycling and waste. The California GHG emission source categories (as defined in CARB's 2008 Scoping Plan) and their relative contributions in 2016 are presented in Table 18.

Table 18. Greenhouse Gas Emissions Sources in California

Source Category	Annual GHG Emissions (MMT CO_2e)	Percent of Total[a]
Transportation	169.38	39%
Industrial	89.61	21%
Electric power[b]	68.58	16%
Commercial and residential	39.36	9%
Agriculture	33.84	8%
High global-warming potential substances	19.78	5%
Recycling and waste	8.81	2%
Total	**429.40**	**100%**

Source: CARB 2018.
Notes: GHG = greenhouse gas; MMT CO_2e = million metric tons of carbon dioxide equivalent.
Emissions reflect the 2016 California GHG inventory.
[a] Percentage of total has been rounded, and total may not sum due to rounding.
[b] Includes emissions associated with imported electricity, which account for 26.28 MMT CO_2e annually.

During the 2000 to 2016 period, per capita GHG emissions in California have continued to drop from a peak in 2001 of 14.0 MT per person to 10.8 MT per person in 2016, representing a 23% decrease. In addition, total GHG emissions in 2016 were approximately 12 MMT CO_2e less than 2015 emissions. The declining trend in GHG emissions, coupled with programs that will continue to provide additional GHG reductions going forward, demonstrates that California is just below the 2020 target of 431 MMT CO_2e (CARB 2018).

The City community-wide GHG emissions inventory is summarized in Table 19. Transportation-related activities account for the majority of the City's GHG emissions (48%). Approximately 24% of the City's community-wide GHG emissions are attributed to residential uses. Commercial uses account for approximately 15%. Office, business park, civic/institutional, industrial, and waste disposal account for the remaining 13% of community-wide GHG emissions.

Table 19. Greenhouse Gas Emissions Sources in City of Murrieta

Source Category	Annual GHG Emissions (MT CO_2e)[a]	Percent of Total[a]
Residential	91,492	23.5%
Commercial	60,153	15.4%
Office	12,711	3.3%
Business Park	8,332	2.1%
Civic/Institutional	9,333	2.4%
Industrial	3,463	0.9%
Transportation	188,138	48.3%
Waste	14,795	3.8%
Total	**389,717**	**100.0%**

Source: City of Murrieta 2011.
Notes: GHG = greenhouse gas; MT CO_2e = metric tons of carbon dioxide equivalent.
Emissions reflect the 2009 City of Murrieta GHG inventory.
[a] Total may not sum due to rounding.

3.3.2 Potential Effects of Climate Change

Globally, climate change has the potential to affect numerous environmental resources through uncertain impacts related to future air temperatures and precipitation patterns. The 2014 *Intergovernmental Panel on Climate Change Synthesis Report* (IPCC 2014) indicated that warming of the climate system is unequivocal, and since the 1950s, many of the observed changes are unprecedented over decades to millennia. Signs that global climate change has occurred include warming of the atmosphere and ocean, diminished amounts of snow and ice, and rising sea levels (IPCC 2014).

In California, climate change impacts have the potential to affect sea-level rise, agriculture, snowpack and water supply, forestry, wildfire risk, public health, and electricity demand and supply. In California, climate change impacts have the potential to affect sea-level rise, agriculture, snowpack and water supply, forestry, wildfire risk, public health, and electricity demand and supply. The primary effect of global climate change has been a rise in average global tropospheric temperature. The primary effect of global climate change has been a rise in average global tropospheric temperature. Reflecting the long-term warming trend since pre-industrial times, observed mean surface temperature for the decade 2006–2015 was 0.87°C (likely between 0.75°C and 0.99°C) higher than the average over the 1850–1900 period (IPCC 2018). Scientific modeling predicts that continued emissions of GHGs at or above current rates would induce more extreme climate changes during the twenty-first century than were observed during the twentieth century. Human activities are estimated to have caused approximately

1.0°C (1.8°F) of global warming above pre-industrial levels, with a likely range of 0.8°C to 1.2°C (1.4°F to 2.2°F) (IPCC 2018). Global warming is likely to reach 1.5°C (2.7°F) between 2030 and 2052 if it continues to increase at the current rate (IPCC 2018).

Although climate change is driven by global atmospheric conditions, climate change impacts are felt locally. A scientific consensus confirms that climate change is already affecting California. The Office of Environmental Health Hazard Assessment identified various indicators of climate change in California, which are scientifically based measurements that track trends in various aspects of climate change. Many indicators reveal discernible evidence that climate change is occurring in California and is having significant, measurable impacts in the state. Changes in the state's climate have been observed, including an increase in annual average air temperature with record warmth from 2012 to 2016, more frequent extreme heat events, more extreme drought, a decline in winter chill, an increase in cooling degree days and a decrease in heating degree days, and an increase in variability of statewide precipitation (OEHHA 2018).

Warming temperatures and changing precipitation patterns have altered California's physical systems—the ocean, lakes, rivers and snowpack—upon which the state depends. Winter snowpack and spring snowmelt runoff from the Sierra Nevada and southern Cascade Mountains provide approximately one-third of the state's annual water supply. Impacts of climate on physical systems have been observed such as high variability of snow-water content (i.e., amount of water stored in snowpack), decrease in snowmelt runoff, glacier change (loss in area), rise in sea levels, increase in average lake water temperature and coastal ocean temperature, and a decrease in dissolved oxygen in coastal waters (OEHHA 2018).

Impacts of climate change on biological systems, including humans, wildlife, and vegetation, have also been observed, including climate change impacts on terrestrial, marine, and freshwater ecosystems. As with global observations, species responses include those consistent with warming: elevational or latitudinal shifts in range, changes in the timing of key plant and animal life cycle events, and changes in the abundance of species and in community composition. Humans are better able to adapt to a changing climate than plants and animals in natural ecosystems. Nevertheless, climate change poses a threat to public health as warming temperatures and changes in precipitation can affect vector-borne pathogen transmission and disease patterns in California as well as the variability of heat-related deaths and illnesses. In addition, since 1950, the area burned by wildfires each year has been increasing.

The California Natural Resources Agency (CNRA) has released four California Climate Change Assessments (2006, 2009, 2012, and 2018), which have addressed the following: acceleration of warming across the state, more intense and frequent heat waves, greater riverine flows, accelerating sea level rise, more intense and frequent drought, more severe and frequent wildfires, more severe storms and extreme weather events, shrinking snowpack and less overall precipitation, and ocean acidification, hypoxia, and warming. To address local and regional governments need for information to support action in their communities, the Fourth Assessment (2018) includes reports for nine regions of the state, including the Inland Deserts Region, where the project is located. Key projected climate changes for the Inland Deserts Region include the following (CNRA 2018b):

- Extremely high maximum temperatures are expected to occur in the Inland Deserts.
- The fate of the Salton Sea is a critical determinant of future environmental quality.
- Renewable energy development will have big impacts on the economy and infrastructure.

- Continuing current land use/development patterns (i.e., housing development in the region to compensate for lack of development on the coast) will require increased energy for cooling to compensate for a rise in extreme high temperatures.
- Higher temperatures will exacerbate water stress in an already very water-limited region.
- Changing water availability is a key determinant of the future for ecological and agricultural systems.
- Population in the Inland Deserts is highly vulnerable to the effects of climate change.
- Tourism is a major economic driver that is likely to be threatened by a changing climate.

3.4 Significance Criteria and Methodology

3.4.1 Thresholds of Significance

The significance criteria used to evaluate the project's GHG emissions impacts is based on the recommendations provided in Appendix G of the CEQA Guidelines. For the purposes of this GHG emissions analysis, the project would have a significant environmental impact if it would (14 CCR 15000 et seq.):

1. Generate GHG emissions, either directly or indirectly, that may have a significant impact on the environment?
2. Conflict with an applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of GHGs?

Global climate change is a cumulative impact; a project participates in this potential impact through its incremental contribution combined with the cumulative increase of all other sources of GHGs. There are currently no established thresholds for assessing whether the GHG emissions of a project, such as the proposed project, would be considered a cumulatively considerable contribution to global climate change; however, all reasonable efforts should be made to minimize a project's contribution to global climate change. In addition, while GHG impacts are recognized exclusively as cumulative impacts (CAPCOA 2008), GHG emissions impacts must also be evaluated on a project-level under CEQA.

The CEQA Guidelines do not prescribe specific methodologies for performing an assessment, do not establish specific thresholds of significance, and do not mandate specific mitigation measures. Rather, the CEQA Guidelines emphasize the lead agency's discretion to determine the appropriate methodologies and thresholds of significance consistent with the manner in which other impact areas are handled in CEQA (CNRA 2009). The State of California has not adopted emission-based thresholds for GHG emissions under CEQA. The Governor's Office of Planning and Research's Technical Advisory, titled Discussion Draft CEQA and Climate Change Advisory, states that

> [N]either the CEQA statute nor the CEQA Guidelines prescribe thresholds of significance or particular methodologies for perming an impact analysis. This is left to lead agency judgment and discretion, based upon factual data and guidance from regulatory agencies and other sources where available and applicable. Even in the absence of clearly defined thresholds for GHG emissions, such emissions must be disclosed and mitigated to the extent feasible whenever the lead agency determines that the project contributes to a significant, cumulative climate change impact (OPR 2018).

Furthermore, the advisory document indicates that "in the absence of regulatory standards for GHG emissions or other scientific data to clearly define what constitutes a 'significant impact,' individual lead agencies may

undertake a project-by-project analysis, consistent with available guidance and current CEQA practice." Section 15064.7(c) of the CEQA Guidelines specifies that "when adopting thresholds of significance, a lead agency may consider thresholds of significance previously adopted or recommended by other public agencies, or recommended by experts, provided the decision of the lead agency to adopt such thresholds is supported by substantial evidence."

In October 2008, the SCAQMD proposed recommended numeric CEQA significance thresholds for GHG emissions for lead agencies to use in assessing GHG impacts of residential and commercial development projects as presented in its *Draft Guidance Document – Interim CEQA Greenhouse Gas (GHG) Significance Threshold* (SCAQMD 2008). This guidance document, which builds on the previous guidance prepared by the CAPCOA, explored various approaches for establishing a significance threshold for GHG emissions. The draft interim CEQA thresholds guidance document was not adopted or approved by the Governing Board. In December 2008, the SCAQMD adopted an interim 10,000 MT CO_2e per-year screening level threshold for stationary source/industrial projects for which the SCAQMD is the lead agency (see SCAQMD Resolution No. 08-35, December 5, 2008). However, SCAQMD has not adopted a GHG significance threshold for land use development projects such as commercial projects; the proposed commercial/residential thresholds were never formally adopted. Thus, the SCAQMD interim GHG significance threshold is not applicable to the project as the project is a commercial project.

In absence of any applicable numeric threshold, this analysis assesses compliance with applicable plans, policies, regulations, and requirements adopted to implement a statewide, regional, or local plan for the reduction or mitigation of GHG emissions. As a land use development project, the most directly applicable adopted regulatory plan to reduce GHG emissions is the 2016 RTP/SCS, which is designed to achieve regional GHG reductions from the land use and transportation sectors as required by SB 375 and the state's long-term climate goals. This analysis also considers consistency with regulations and requirements adopted pursuant to the Scoping Plan and the City's CAP.

The City's CAP, which was prepared following CEQA Guidelines Section 15183.5, provides a framework for reducing GHG emissions and managing resources to best prepare for a changing climate. With respect to evaluation of projects under CEQA, the CAP states, "Projects that demonstrate consistency with the strategies, actions, and emission reduction targets contained in the CAP would have a less than significant impacts on climate change" (City of Murrieta 2011). The purpose of the City's CAP is to guide the development, enhancement, and implementation of actions that would reduce the City's GHG emissions by 15% below existing (2009) levels by 2020. However, the Project buildout would be post-2020; thus, consistency with the City's CAP is included for informational purposes.

3.4.2 Approach and Methodology

3.4.2.1 Construction

CalEEMod Version 2016.3.2 was used to estimate potential project-generated GHG emissions during construction. Construction of the project would result in GHG emissions primarily associated with use of off-road construction equipment, rock-crushing diesel-engine generators, on-road hauling and vendor (material delivery) trucks, and worker vehicles. GHG emission reductions from PDF-AQ/GHG-1 and PDF-AQ/GHG-2 related to construction were not quantified. All details for construction criteria air pollutants discussed in Section 2.4.2.1 are

also applicable for the estimation of construction-related GHG emissions. As such, see Section 2.4.2.1 for a discussion of construction emissions calculation methodology and assumptions.

3.4.2.2 Operation

CalEEMod Version 2016.3.2 was used to estimate potential project-generated operational GHG emissions from area sources (landscape maintenance), energy sources (natural gas and electricity), mobile sources, solid waste, and water supply and wastewater treatment. Emissions from each category are discussed in the following text with respect to the project. For additional details, see Section 2.4.2.2, Operational Emissions, for a discussion of operational emission calculation methodology and assumptions, specifically for area, energy (natural gas), and mobile sources. Operational year 2021 was assumed consistent with the project's traffic report.

Costco and Vineyard II would incorporate the PDFs summarized in Section 1.4, which include reductions from installing low-flow bathroom faucets and toilets, installing water efficient irrigation systems, installing LED lamps in the parking lots, and installing EV charging stations.

Area Sources

CalEEMod was used to estimate GHG emissions from the project's area sources, which include operation of gasoline-powered landscape maintenance equipment, which produce minimal GHG emissions. See Section 2.4.2.2, for a discussion of landscaping equipment emissions calculations. Consumer product use and architectural coatings result in VOC emissions, which are analyzed in air quality analysis only, and little to no GHG emissions.

Energy Sources

The estimation of operational energy emissions was based on CalEEMod land use defaults and total area (i.e., square footage) of the project's land uses. The energy use from nonresidential land uses is calculated in CalEEMod based on the California Commercial End-Use Survey database. Emissions are calculated by multiplying the energy use by the utility carbon intensity (pounds of GHGs per kilowatt-hour for electricity or 1,000 British thermal units for natural gas) for CO_2 and other GHGs. Annual natural gas and electricity emissions were estimated in CalEEMod using the emissions factors for Southern California Edison (SCE), which would be the energy source provider for the project.

Within 2 years of opening the Costco Warehouse, the project applicant would install a 708-kilowatt solar photovoltaic system, which would generate a system output of 1,128,400 kilowatt-hours per year.

The project applicant would provide high-efficiency lighting would be incorporated in the parking garage and all exterior lighting; thus, a 40% lighting energy reduction associated with high efficiency lighting was assumed in CalEEMod.[13]

[13] Per the CAPCOA *Quantifying Greenhouse Gas Mitigation Measures: A Resource for Local Government to Assess Emission Reductions from Greenhouse Gas Mitigation Measures* (CAPCOA 2010), LE-1 (Install Higher Efficacy Public Street and Area Lighting is applicable to public street and area outdoor lighting, which includes streetlights, pedestrian pathway lights, area lighting for parks and parking lots, and outdoor lighting around public buildings.

CalEEMod default energy intensity factors (CO_2, CH_4, and N_2O mass emissions per kilowatt-hour) for SCE is based on the value for SCE's energy mix in 2012. As explained in Section 3.2.2, SB X1 2 established a target of 33% from renewable energy sources for all electricity providers in California by 2020 and SB 350 calls for further development of renewable energy, with a target of 50% by 2030. The CO_2 emissions intensity factor for utility energy use in CalEEMod was adjusted consistent with SCE's 2017 Power Content Label, which reported that 32% of the power mix was generated by eligible renewable sources (SCE 2018). Because SCE is striving to meet the 33% RPS by December 31, 2020, the CO_2 emissions intensity factor is anticipated to be less than assumed in CalEEMod at project operation (2021), which would reflect the increase in percentage of renewable energy in SCE's energy portfolio.

Mobile Sources

All details for criteria air pollutants discussed in Section 2.4.2.2 are also applicable for the estimation of operational mobile source GHG emissions.

Regulatory measures related to mobile sources include AB 1493 (Pavley) and related federal standards. AB 1493 required that CARB establish GHG emission standards for automobiles, light-duty trucks, and other vehicles determined by CARB to be vehicles that are primarily used for non-commercial personal transportation in the state. In addition, the NHTSA and EPA have established corporate fuel economy standards and GHG emission standards, respectively, for automobiles and light-, medium-, and heavy-duty vehicles. Implementation of these standards and fleet turnover (replacement of older vehicles with newer ones) will gradually reduce emissions from the project's motor vehicles. The effectiveness of fuel economy improvements was evaluated by using the CARB EMFAC 2017 emission factors for motor vehicles in year 2021.

Bus route 61 serviced by the Riverside Transit Agency would provide residents and employers/employees an alternate mode of transportation to the future commercial/retail center. Adjacent residents to the east of the project site could be able to walk to the project site. Implementation of the project would generate approximately 285 jobs that could be available for residents of the City and surrounding communities. Residents in the City and surrounding communities would also be provided a nearer commercial/retail center rather than driving to another location. Reductions were quantified by the installation of 17 EV charging stations (County of Santa Clara 2018). Costco would install three EV charging stations in the parking lot, and Vineyard II would install 14 EV charging stations in the parking lot.

Solid Waste

The project would generate solid waste, and therefore, result in CO_2e emissions associated with landfill off-gassing. CalEEMod default values for solid waste generation were used to estimate GHG emissions associated with solid waste. Project compliance with statewide solid waste diversion goals, including the 75% diversion rate by 2020 consistent with AB 341 (25% increase from the solid waste diversion requirements of AB 939, Integrated Waste Management Act), would reduce project-generated GHG emissions associated with solid waste disposal.

The project applicant would implement an extensive recycling and reuse program for the Costco Warehouse and office space including tires, cardboard, grease, plastics, and electronic waste.

Water and Wastewater

Supply, conveyance, treatment, and distribution of water for the project require the use of electricity, which would result in associated indirect GHG emissions. Similarly, wastewater generated by the project requires the use of electricity for conveyance and treatment, along with GHG emissions generated during wastewater treatment. Water consumption estimates for both indoor and outdoor water use and associated electricity consumption from water use and wastewater generation were estimated using water rates from Eastern Municipal Water District (EMWD 2007). It was assumed that wastewater treatment would be 100% aerobic.

With regard to indoor water use, the project would install low-flow bathroom faucets and low-flow toilets. With regard to outdoor water, the project would install water-efficient devices and landscaping in accordance with applicable ordinances, including use of drought-tolerant species appropriate to the climate and region. To account for the project's indoor and outdoor water conservation features discussed above, it was assumed that the project would apply a water conservation strategy resulting in a 33% reduction in indoor water use and a minimum 6.1% reduction in outdoor water use.

3.5 Impact Analysis

3.5.1 Would the project generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?
and
Would the project conflict with an applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of greenhouse gases?

Construction Emissions

Construction of the project would result in GHG emissions, which are primarily associated with the use of off-road construction equipment, haul trucks, on-road vendor trucks, and worker vehicles. The SCAQMD *Draft Guidance Document – Interim CEQA Greenhouse Gas (GHG) Significance Threshold* (2009) recommends that "construction emissions be amortized over a 30-year project lifetime, so that GHG reduction measures will address construction GHG emissions as part of the operational GHG reduction strategies." Thus, the total construction GHG emissions were calculated, amortized over 30 years, and added to the total operational emissions.

CalEEMod was used to calculate the annual GHG emissions based on the construction scenario described in Section 2.4.2.1. Construction of the project is anticipated to commence in September 2020 and reach completion in September 2021, lasting a total of 12 months. On-site sources of GHG emissions include rock crushing diesel-engine generators, rock popping, blasting, off-road equipment and off-site sources, including haul trucks, vendor trucks, and worker vehicles. Table 20 presents construction emissions for the project in 2020 and 2021 from on-site and off-site emission sources.

Table 20. Estimated Annual Construction Greenhouse Gas Emissions

Year	CO_2	CH_4	N_2O	CO_2e
	Metric Tons per Year			
Vineyard II				
2020	137.10	0.03	0.00	137.96
2021	1,247.26	0.18	0.00	1,251.79
Costco				
2020	411.72	0.07	0.00	413.54
2021	460.91	0.07	0.00	462.59
Costco Rock Crushing and Rock Popping				
2020	184.90	0.01	0.00	185.06
Warm Springs Parkway				
2020	157.08	0.04	0.00	157.98
Sub Total				
2020	*890.80*	*0.15*	*0.00*	*894.54*
2021	*1,708.18*	*0.25*	*0.00*	*1,714.38*
Total	**2,598.98**	**0.40**	**0.00**	**2,608.92**

Notes: CO_2 = carbon dioxide; CH_4 = methane; N_2O = nitrous oxide; CO_2e = carbon dioxide equivalent.
See Appendix A for complete results.
The values shown are the annual emissions reflect California Emissions Estimator Model "mitigated" output.
Totals may not add due to rounding.

As shown in Table 20, the estimated total GHG emissions during construction of would be approximately 895 MT CO_2e in 2020 and 1,714 MT CO_2e in 2021, for a total of 2,609 MT CO_2e over the construction period. Estimated project-generated construction emissions amortized over 30 years would be approximately 87 MT CO_2e per year. As with project-generated construction criteria air pollutant emissions, GHG emissions generated during construction of the project would be short-term in nature, lasting only for the duration of the construction period, and would not represent a long-term source of GHG emissions.

Operational Emissions

Operation of the project would generate GHG emissions through motor vehicle and delivery truck trips to and from the project site; fuel dispensing operations; landscape maintenance equipment operation; energy use (natural gas and generation of electricity consumed by the project); solid waste disposal; and generation of electricity associated with water supply, treatment, and distribution and wastewater treatment. CalEEMod was used to calculate the annual GHG emissions based on the operational assumptions described in Section 3.4.2.2, Operation. The project would implement PDF-AQ/GHG-1, which includes the following strategies, quantified in Table 21: reductions from installing low-flow bathroom faucets and toilets, installing water efficient irrigation systems, installing LED lamps in the parking lots, and installing EV charging stations.

The estimated operational (year 2021) project-generated GHG emissions from area sources, energy usage, off-road equipment (compressed natural gas forklifts), motor vehicles, solid waste generation, and water usage and wastewater generation are shown in Table 21.

Table 21. Estimated Annual Operational Greenhouse Gas Emissions (2021)

Emission Source	CO_2	CH_4	N_2O	CO_2e
	metric tons per year			
Area	0.04	<0.01	0.00	0.04
Energy	810.92	0.03	0.01	814.21
Mobile	17,571.96	0.77	0.65	17,599.57
Solid waste	97.65	5.77	0.00	241.93
Water supply and wastewater	65.86	0.02	0.01	69.76
Off-road	73.52	0.02	0.00	74.12
Amortized 30-Year Construction Emissions				*86.96*
Operation plus Amortized Construction Total				**18,812.47**

Notes: CO_2 = carbon dioxide; CH_4 = methane; N_2O = nitrous oxide; CO_2e = carbon dioxide equivalent; PDF = project design feature.
See Appendix A for complete results.
The values shown are the annual emissions reflect California Emissions Estimator Model "mitigated" output and operational year 2021, which accounts for implementation of project's PDF-AQ/GHG-1 and PDF-AQ/GHG-2, including installing low-flow bathroom faucets and toilets, installing water efficient irrigation systems, installing LED lamps in the parking lots, and installing EV charging stations.
Totals may not add due to rounding.

As shown in Table 21, estimated annual project-generated GHG emissions would be approximately 18,726 MT CO_2e per year as a result of project operations only. Estimated annual project-generated operational emissions in 2021 plus amortized project construction emissions would be approximately 18,812 MT CO_2e per year.

In order to demonstrate project-generated GHG emissions with the implementation of the 708-kilowatt solar photovoltaic system within 2 years of operation of the Costco Warehouse, the estimated operational year (2023) project-generated GHG emissions are shown in Table 22.

Table 22. Estimated Annual Operational Greenhouse Gas Emissions (2023) With Solar

Emission Source	CO_2	CH_4	N_2O	CO_2e
	metric tons per year			
Area	0.04	<0.01	0.00	0.04
Energy	506.81	0.02	0.01	512.04
Mobile	17,571.96	0.77	0.65	17,599.57
Solid waste	97.65	5.77	0.00	241.93
Water supply and wastewater	65.86	0.02	0.01	69.76
Off-road	73.52	0.02	0.00	74.12
Amortized 30-Year Construction Emissions				*86.96*
Operation plus Amortized Construction Total				**18,510.30**

Notes: CO_2 = carbon dioxide; CH_4 = methane; N_2O = nitrous oxide; CO_2e = carbon dioxide equivalent; PDF = project design feature.
See Appendix A for complete results.
The values shown are the annual emissions reflect California Emissions Estimator Model "mitigated" output and operational year 2021, which accounts for implementation of project's PDF-AQ/GHG-1 and PDF-AQ/GHG-2, including installing low flow bathroom faucets and toilets, installing water efficient irrigation systems, installing LED lamps in the parking lots, installing EV charging stations, and installing a 708-kilowatt solar photovoltaic system within two years of operation of the Costco Warehouse.
Totals may not add due to rounding.

As shown in Table 22, estimated annual project-generated GHG emissions would be approximately 18,423 MT CO_2e per year as a result of project operations only with implementation of the 708-kilowatt solar photovoltaic

system. Estimated annual project-generated operational emissions starting in 2023 plus amortized project construction emissions would be approximately 18,510 MT CO_2e per year. Impacts would be less than significant without mitigation.

The project's consistency with statewide GHG reduction strategies is summarized in detail in Table 23.

Table 23. Applicable Greenhouse Gas-Related Laws and Regulations

Project Component	Applicable Laws/ Regulations	GHG Reduction Measures Required for Project
Building Components/Facility Operations		
Roofs/Ceilings/Insulation	CALGreen Code (Title 24, Part 11) California Energy Code (Title 24, Part 6)	The project must comply with efficiency standards regarding roofing, ceilings, and insulation. For example: Roofs/Ceilings: New construction must reduce roof heat island effects per CALGreen Code Section 106.11.2, which requires use of roofing materials having a minimum aged solar reflectance, thermal emittance complying with Section A5.106.11.2.2 and A5.106.11.2.3 or a minimum aged Solar Reflectance Index as specified in Tables A5.106.11.2.2, or A5.106.11.2.3. Roofing materials must also meet solar reflectance and thermal emittance standards contained in Title 20 Standards. Roof/Ceiling Insulation: There are also requirements for the installation of roofing and ceiling insulation. (See Title 24, Part 6 Compliance Manual at Section 3.2.2.)
Flooring	CALGreen Code	The project must comply with efficiency standards regarding flooring materials. For example, for 80% of floor area receiving "resilient flooring," the flooring must meet applicable installation and material requirements contained in CALGreen Code Section 5.504.4.6.
Window and Doors (Fenestration)	California Energy Code	The project must comply with fenestration efficiency requirements. For example, the choice of windows, glazed doors, and any skylights for the project must conform to energy consumption requirements affecting size, orientation, and types of fenestration products used. (See Title 24, Part 6 Compliance Manual, Section 3.3.)
Building Walls/Insulation	CALGreen Code California Energy Code	The project must comply with efficiency requirements for building walls and insulation. Exterior Walls: Must meet requirements in current edition of California Energy Code and comply with Sections A5.106.7.1 or A5.106.7.2 of CALGreen Code for wall surfaces, as well as Section 5.407.1, which required weather-resistant exterior wall and foundation envelope as required by California Building Code Section 1403.2. Construction must also meet requirements contained in Title 24, Part 6, which vary by material of the exterior walls. (See Title 24, Part 6 Compliance Manual, Part 3.2.3.) Demising (Interior) Walls: Mandatory insulation requirements for demising walls (which separate conditioned from non-conditions space) differ by the type of wall material used. (*Id*. at 3.2.4.)

Table 23. Applicable Greenhouse Gas-Related Laws and Regulations

Project Component	Applicable Laws/ Regulations	GHG Reduction Measures Required for Project
		Door Insulation: There are mandatory requirements for air infiltration rates to improve insulation efficiency; they differ according to the type of door. (*Id*. at 3.2.5.) Flooring Insulation: There are mandatory requirements for insulation that depend on the material and location of the flooring. (*Id*. at 3.2.6.)
Finish Materials	CALGreen Code	The project must comply with pollutant control requirements for finish materials. For example, materials including adhesives, sealants, caulks, paints and coatings, carpet systems, and composite wood products must meet requirements in CALGreen Code to ensure pollutant control. (CALGreen Code Section 5.504.4.)
Wet Appliances (Toilets/Faucets/Urinals, Dishwasher/Clothes Washer, Spa and Pool/Water Heater)	CALGreen Code California Energy Code Appliance Efficiency Regulations (Title 20 Standards)	Wet appliances associated with the project must meet various efficiency requirements. For example: Spa and Pool: Use associated with the project is subject to appliance efficiency requirements for service water heating systems and equipment, spa and pool heating systems and equipment. (Title 24, Part 6, Sections 110.3, 110.4, 110.5; Title 20 Standards, Sections 1605.1(g), 1605.3(g); see also California Energy Code.) Toilets/Faucets/Urinals: Use associated with the project is subject to new maximum rates for toilets, urinals, and faucets effective January 1, 2016: • Showerheads maximum flow rate 2.5 gpm at 80 psi • Wash fountains 2.2 x (rim space in inches/20) gpm at 60 psi • Metering faucets 0.25 gallons/cycle • Lavatory faucets and aerators 1.2 gpm at 60 psi • Kitchen faucets and aerators 1.8 gpm with optional temporary flow of 2.2 gpm at 60 psi • Public lavatory faucets 0.5 gpm at 60 psi • Trough-type urinals 16 inches length • Wall mounted urinals 0.125 gallons per flush • Other urinals 0.5 gallons per flush (Title 20 Standards, Sections 1605.1(h),(i) 1065.3(h),(i).) Water Heaters: Use associated with the project is subject to appliance efficiency requirements for water heaters. (Title 20 Standards, Sections 1605.1(f), 1605.3(f).) Dishwasher/Clothes Washer: Use associated with the project is subject to appliance efficiency requirements for dishwashers and clothes washers. (Title 20 Standards, Sections 1605.1(o),(p),(q), 1605.3(o),(p),(q).)
Dry Appliances (Refrigerator/Freezer, Heater/Air Conditioner, Clothes Dryer)	Title 20 Standards CALGreen Code	Dry appliances associated with the project must meet various efficiency requirements. For example: Refrigerator/Freezer: Use associated with the project is subject to appliance efficiency requirements for refrigerators and freezers. (Title 20 Standards, Sections 1605.1(a), 1605.3(a).)

Table 23. Applicable Greenhouse Gas-Related Laws and Regulations

Project Component	Applicable Laws/ Regulations	GHG Reduction Measures Required for Project
		Heater/Air Conditioner: Use associated with the project is subject to appliance efficiency requirements for heaters and air conditioners. (Title 20 Standards, Sections 1605.1(b),(c),(d),(e), 1605.3(b),(c),(d),(e) as applicable.) Clothes Dryer: Use associated with the project is subject to appliance efficiency requirements for clothes dryers. (Title 20 Standards, Section 1605.1(q).)
	CALGreen Code	Installations of HVAC, refrigeration and fire suppression equipment must comply with CALGreen Code Sections 5.508.1.1 and 508.1.2, which prohibits CFCs, halons, and certain HCFCs and HFCs.
Lighting	Title 20 Standards	Lighting associated with the project will be subject to energy efficiency requirements contained in Title 20 Standards. General Lighting: Indoor and outdoor lighting associated with the project must comply with applicable appliance efficiency regulations (Title 20 Standards, Sections 1605.1(j),(k),(n), 1605.3(j),(k),(n).) Emergency lighting and self-contained lighting: the project must also comply with applicable appliance efficiency regulations (Title 20 Standards, Sections 1605.1(l), 1605.3(l).) Traffic Signal Lighting: For any necessary project improvements involving traffic lighting, traffic signal modules and traffic signal lamps will need to comply with applicable appliance efficiency regulations (Title 20 Standards, Sections 1605.1(m), 1605.3(m).)
	California Energy Code	Lighting associated with the project will also be subject to energy efficiency requirements contained in Title 24, Part 6, which contains energy standards for non-residential indoor lighting and outdoor lighting. (See Title 24 Part 6 Compliance Manual, at Sections 5, 6.) Mandatory lighting controls for indoor lighting include, for example, regulations for automatic shut-off, automatic daytime controls, demand responsive controls, and certificates of installation. (Id. at Section 5.) Regulations for outdoor lighting include, for example, creation of lighting zones, lighting power requirements, a hardscape lighting power allowance, requirements for outdoor incandescent and luminaire lighting, and lighting control functionality. (Id. at Section 6.)
	AB 1109	Lighting associated with the project will be subject to energy efficiency requirements adopted pursuant to AB 1109. Enacted in 2007, AB 1109 required the CEC to adopt minimum energy efficiency standards for general purpose lighting, to reduce electricity consumption 50% for indoor residential lighting and 25% for indoor commercial lighting.

Table 23. Applicable Greenhouse Gas-Related Laws and Regulations

Project Component	Applicable Laws/ Regulations	GHG Reduction Measures Required for Project
Bicycle and Vehicle Parking	CALGreen Code	The project will be required to provide compliant bicycle parking, fuel-efficient vehicle parking, and electric vehicle charging spaces (CALGreen Code Sections 5.106.4, 5.106.5.1, 5.106.5.3)
	California Energy Code	The project is also subject to parking requirements contained in Title 24, Party 6. For example, parking capacity is to meet but not exceed minimum local zoning requirements, and the project should employ approved strategies to reduce parking capacity (Title 24, Part 6, section 106.6)
Landscaping	CALGreen Code	The CALGreen Code requires and has further voluntary provisions for: • A water budget for landscape irrigation use; • For new water service, separate meters or submeters must be installed for indoor and outdoor potable water use for landscaped areas of 1,000-5,000 square feet; • Provide water-efficient landscape design that reduces use of potable water beyond initial requirements for plant installation and establishment
	Model Water Efficient Landscaping Ordinance	The model ordinance promotes efficient landscaping in new developments and establishes an outdoor water budget for new and renovated landscaped areas that are 500 square feet or larger. (CCR, Title 23, Division 2, Chapter 2.7.)
	Cap-and-Trade Program	Transportation fuels used in landscape maintenance equipment (e.g., gasoline) would be subject to the Cap-and-Trade Program. (See "Energy Use," below.)
Refrigerants	CARB Management of High GWP Refrigerants for Stationary Sources	Any refrigerants associated with the project will be subject to CARB standards. CARB's Regulation for the Management of High GWP Refrigerants for Stationary Sources 1) reduces emissions of high-GWP refrigerants from leaky stationary, non-residential refrigeration equipment; 2) reduces emissions resulting from the installation and servicing of stationary refrigeration and air conditioning appliances using high-GWP refrigerants; and 3) requires verification GHG emission reductions. (CCR, Title 17, Division 3, Chapter 1, Subchapter 10, Article 4, Subarticle 5.1, Section 95380 et seq.)
Consumer Products	CARB High GWP GHGs in Consumer Products	All consumer products associated with the project will be subject to CARB standards. CARB's consumer products regulations set VOC limits for numerous categories of consumer products, and limits the reactivity of the ingredients used in numerous categories of aerosol coating products (CCR, Title 17, Division 3, Chapter 1, Subchapter 8.5.)

Table 23. Applicable Greenhouse Gas-Related Laws and Regulations

Project Component	Applicable Laws/ Regulations	GHG Reduction Measures Required for Project
Construction		
Use of Off-Road Diesel Engines, Vehicles, and Equipment	CARB In-Use Off-Road Diesel Vehicle Regulation	Any relevant vehicle or machine use associated with the project will be subject to CARB standards. The CARB In-Use-Off-Road Diesel Vehicle Regulation applies to certain off-road diesel engines, vehicles, or equipment greater than 25 horsepower. The regulation: 1) imposes limits on idling, requires a written idling policy, and requires a disclosure when selling vehicles; 2) requires all vehicles to be reported to CARB (using the Diesel Off-Road Online Reporting System) and labeled; 3) restricts the adding of older vehicles into fleets starting on January 1, 2014; and 4) requires fleets to reduce their emissions by retiring, replacing, or repowering older engines, or installing Verified Diesel Emission Control Strategies (i.e., exhaust retrofits). The requirements and compliance dates of the Off-Road regulation vary by fleet size, as defined by the regulation.
	Cap-and-Trade Program	Transportation fuels (e.g., gasoline) used in equipment operation would be subject to the Cap-and-Trade Program. (See "Energy Use," below.)
Greening New Construction	CALGreen Code	All new construction, including the project, must comply with CALGreen Code, as discussed in more detail throughout this table. Adoption of the mandatory CALGreen Code standards for construction has been essential for improving the overall environmental performance of new buildings; it also sets voluntary targets for builders to exceed the mandatory requirements.
Construction Waste	CALGreen Code	The project will be subject to CALGreen Code requirements for construction waste reduction, disposal, and recycling, such as a requirement to recycle and/or salvage for reuse a minimum of 50% of the non-hazardous construction waste in accordance with Section 5.408.1.1, 5.408.1.2, or 5.408.1.3; or meet a local construction and demolition waste management ordinance, whichever is more stringent.
Worker, vendor and truck vehicle trips (on-road vehicles)	Cap-and-Trade Program	Transportation fuels (e.g., gasoline) used in worker, vendor and truck vehicle trips would be subject to the Cap-and-Trade Program.

Table 23. Applicable Greenhouse Gas-Related Laws and Regulations

Project Component	Applicable Laws/ Regulations	GHG Reduction Measures Required for Project
Solid Waste		
Solid Waste Management	Landfill Methane Control Measure	Waste associated with the project will be disposed per state requirements for landfills, material recovery facilities, and transfer stations. Per the statewide GHG emissions inventory, the largest emissions from waste management sectors come from landfills, and are in the form of CH_4. In 2010, CARB adopted a regulation that reduces emissions from methane in landfills, primarily by requiring owners and operators of certain uncontrolled municipal solid waste landfills to install gas collection and control systems, and requires existing and newly installed gas and control systems to operate in an optimal manner. The regulation allows local air districts to voluntarily enter into a memorandum of understanding with CARB to implement and enforce the regulation and to assess fees to cover costs of implementation.
	Mandatory Commercial Recycling (AB 341)	AB 341 will require the project, if it generates four cubic yards or more of commercial solid waste per week, to arrange for recycling services, using one of the following: self-haul; subscribe to a hauler(s); arranging for pickup of recyclable materials; subscribing to a recycling service that may include mixed waste processing that yields diversion results comparable to source separation. The project will also be subject to local commercial solid waste recycling program required to be implemented by each jurisdiction under AB 341.
	CALGreen Code	The project will be subject to CALGreen Code requirement to provide areas that serve the entire building and are identified for the depositing, storage and collection of nonhazardous materials for recycling (CALGreen Code Section 5.410.1)
Energy Use		
Electricity/Natural Gas Generation	Cap-and-Trade Program	Electricity and natural gas usage associated with the project will be subject to the Cap-and-Trade Program. The rules came into effect on January 1, 2013, applying to large electric power plants and large industrial plants. In 2015, importers and distributors of fossil fuels were added to the Cap-and-Trade Program in the second phase. Specifically, on January 1, 2015, cap-and-trade compliance obligations were phased in for suppliers of natural gas, reformulated gasoline blendstock for oxygenate blending (RBOB), distillate fuel oils, and liquefied petroleum gas that meet or exceed specified emissions thresholds. The threshold that triggers a cap-and-trade compliance obligation for a fuel supplier is 25,000 metric tons or more of CO_2e annually from the GHG emissions that would result from full combustion or oxidation of quantities of fuels

Table 23. Applicable Greenhouse Gas-Related Laws and Regulations

Project Component	Applicable Laws/ Regulations	GHG Reduction Measures Required for Project
		(including natural gas, RBOB, distillate fuel oil, liquefied petroleum gas, and blended fuels that contain these fuels) imported and/or delivered to California.
Renewable Energy	California RPS (SB X1-2, SB 350, and SB 100)	Energy providers associated with the project will be required to comply with RPS set by SB X1 2, SB 350, and SB 100. SB X1 2 requires investor-owned utilities, publicly-owned utilities, and electric service providers to increase purchases of renewable energy such that at least 33% of retail sales are procured from renewable energy resources by December 31, 2020. In the interim, each entity was required to procure an average of 20% of renewable energy for the period of January 1, 2011 through December 31, 2013; and will be required to procure an average of 25% by December 31, 2016, and 33% by 2020. SB 350 requires retail sellers and publicly owned utilities to procure 50% of their electricity from eligible renewable energy resources by 2030. SB 100 increased the standards set forth in SB 350 establishing that 44% of the total electricity sold to retail customers in California per year by December 31, 2024, 52% by December 31, 2027, and 60% by December 31, 2030, be secured from qualifying renewable energy sources. SB 100 states that it is the policy of the state that eligible renewable energy resources and zero-carbon resources supply 100% of the retail sales of electricity to California by 2045.
	Million Solar Roofs Program (SB 1)	The project will participate in California's energy market, which is affected by implementation of the Million Solar Roofs Program. As part of Governor Schwarzenegger's Million Solar Roofs Program, California has set a goal to install 3,000 megawatts of new, solar capacity through 2016. The Million Solar Roofs Program is a ratepayer-financed incentive program aimed at transforming the market for rooftop solar systems by driving down costs over time. The project will install rooftop solar on the Costco within 2 years of Costco opening.
	California Solar Initiative- Thermal Program	The project will participate in California's energy market, which is affected by implementation of the California Solar Initiative -Thermal Program. The program offers cash rebates of up to $4,366 on solar water heating systems for single-family residential customers. Multifamily and Commercial properties qualify for rebates of up to $800,000 on solar water heating systems and eligible solar pool heating systems qualify for rebates of up to $500,000. Funding for the California Solar Initiative-Thermal program comes from ratepayers of Pacific Gas & Electric, SCE,

Table 23. Applicable Greenhouse Gas-Related Laws and Regulations

Project Component	Applicable Laws/ Regulations	GHG Reduction Measures Required for Project
		Southern California Gas Company, and San Diego Gas & Electric. The rebate program is overseen by the CPUC as part of the California Solar Initiative.
	Waste Heat and Carbon Emissions Reduction Act (AB 1613, AB 2791)	The project will participate in California's energy market, which is affected by implementation of the Waste Heat and Carbon Emissions Reduction Act. Originally enacted in 2007 and amended in 2008, this act directed the CEC, CPUC, and CARB to implement a program that would encourage the development of new combined heat and power systems in California with a generating capacity of not more than 20 megawatts, to increase combined heat and power use by 30,000 gigawatt-hour. The CPUC publicly owned electric utilities, and CEC duly established policies and procedures for the purchase of electricity from eligible combined heat and power systems. CEC guidelines require combined heat and power systems to be designed to reduce waste energy; have a minimum efficiency of 60%; have NO_x emissions of no more than 0.07 pounds per megawatt-hour; be sized to meet eligible customer generation thermal load; operate continuously in a manner that meets expected thermal load and optimizes efficient use of waste heat; and be cost effective, technologically feasible, and environmentally beneficial.
Vehicular/Mobile Sources		
General	SB 375 and SCAG RTP/SCS	As set forth below, the project complies with the applicable policies of, and is subject to, the SCAG adopted RTP/SCS, which CARB approved as meeting its regional GHG targets in 2016, and which is designed to achieve regional GHG reductions from the land use and transportation sectors as required by SB 375 and the state's long-term climate goals.
Fuel	Low Carbon Fuel Standard (LCFS)/ EO S-01-07	Vehicle trips associated with the project will be subject to LCFS (EO S-01-07), which requires a 10% or greater reduction in the average fuel carbon intensity by 2020 with a 2010 baseline for transportation fuels in California regulated by CARB. The program establishes a strong framework to promote the low carbon fuel adoption necessary to achieve the Governor's 2030 and 2050 GHG goals.
	Cap-and-Trade Program	Use of gasoline associated with the project will be subject to the Cap-and-Trade Program. The rules came into effect on January 1, 2013, applying to large electric power plants and large industrial plants. In 2015, importers and distributors of fossil fuels were added to the Cap-and-Trade Program in the second phase. Specifically, on January 1, 2015, cap-and-trade compliance obligations were phased in for suppliers of natural gas, RBOB, distillate fuel oils, and liquefied petroleum gas that meet or exceed specified emissions thresholds. The

Table 23. Applicable Greenhouse Gas-Related Laws and Regulations

Project Component	Applicable Laws/ Regulations	GHG Reduction Measures Required for Project
		threshold that triggers a cap-and-trade compliance obligation for a fuel supplier is 25,000 MT or more of CO_2e annually from the GHG emissions that would result from full combustion or oxidation of quantities of fuels (including natural gas, RBOB, distillate fuel oil, liquefied petroleum gas, and blended fuels that contain these fuels) imported and/or delivered to California.
Automotive Refrigerants	CARB Regulation for Small Containers of Automotive Refrigerant	Vehicles associated with the project will be subject to CARB's Regulation for Small Containers of Automotive Refrigerant. (CCR, Title 17, Division 3, Chapter 1, Subchapter 10, Article 4, Subarticle 5, Section 95360 et seq.) The regulation applies to the sale, use, and disposal of small containers of automotive refrigerant with a GWP greater than 150. The regulation achieves emission reductions through implementation of four requirements: 1) use of a self-sealing valve on the container, 2) improved labeling instructions, 3) a deposit and recycling program for small containers, and 4) an education program that emphasizes best practices for vehicle recharging. This regulation went into effect on January 1, 2010 with a one-year sell-through period for containers manufactured before January 1, 2010. The target recycle rate is initially set at 90%, and rises to 95% beginning January 1, 2012.
Light-Duty Vehicles	AB 1493 (or the Pavley Standard)	Cars that drive to and from the project will be subject to AB 1493, which directed CARB to adopt a regulation requiring the maximum feasible and cost effective reduction of GHG emissions from new passenger vehicles. Pursuant to AB 1493, CARB adopted regulations that establish a declining fleet average standard for CO_2, CH_4, N_2O, and HFCs (air conditioner refrigerants) in new passenger vehicles and light-duty trucks beginning with the 2009 model year and phased-in through the 2016 model year. These standards are divided into those applicable to lighter and those applicable to heavier portions of the passenger vehicle fleet. The regulations will reduce "upstream" smog-forming emissions from refining, marketing, and distribution of fuel.
	Advanced Clean Car and ZEV Programs	Cars that drive to and from the project will be subject to the Advanced Clean Car and ZEV Programs. In January 2012, CARB approved a new emissions-control program for model years 2017 through 2025. The program combines the control of smog, soot and global warming gases and requirements for greater numbers of zero-emission vehicles into a single package of standards called Advanced Clean Cars. By 2025, new automobiles will emit 34% fewer global warming gases and 75% fewer smog-forming emissions. The ZEV program will act as the focused technology of the

Table 23. Applicable Greenhouse Gas-Related Laws and Regulations

Project Component	Applicable Laws/ Regulations	GHG Reduction Measures Required for Project
		Advanced Clean Cars program by requiring manufacturers to produce increasing numbers of ZEVs and plug-in hybrid electric vehicles in the 2018-2025 model years.
	Tire Inflation Regulation	Cars that drive to and from the project will be subject to the CARB Tire Inflation Regulation, which took effect on September 1, 2010, and applies to vehicles with a gross vehicle weight rating of 10,000 pounds or less. Under this regulation, automotive service providers must, inter alia, check and inflate each vehicle's tires to the recommended tire pressure rating, with air or nitrogen, as appropriate, at the time of performing any automotive maintenance or repair service, and to keep a copy of the service invoice for a minimum of three years, and make the vehicle service invoice available to the CARB, or its authorized representative upon request.
	EPA and NHTSA GHG and CAFE standards.	Mobile sources that travel to and from the project would be subject to EPA and NHTSA GHG and CAFE standards for passenger cars, light-duty trucks, and medium-duty passenger vehicles. (75 FR 25324–25728 and 77 FR 62624–63200.)
Medium- and Heavy-Duty Vehicles	CARB In-Use On-Road Heavy-Duty Diesel Vehicles Regulation (Truck and Bus Regulation)	Any heavy-duty trucks associated with the project will be subject to CARB standards. The regulation requires diesel trucks and buses that operate in California to be upgraded to reduce emissions. Newer heavier trucks and buses must meet PM filter requirements. Lighter and older heavier trucks must be replaced starting January 1, 2015. By January 1, 2023, nearly all trucks and buses will need to have 2010 model year engines or equivalent. The regulation applies to nearly all privately and federally owned diesel fueled trucks and buses and to privately and publicly owned school buses with a gross vehicle weight rating greater than 14,000 pounds.
	CARB In-Use Off-Road Diesel Vehicle Regulation	Any relevant vehicle or machine use associated with the project will be subject to CARB standards. The CARB In-Use-Off-Road Diesel Vehicle Regulation applies to certain off-road diesel engines, vehicles, or equipment greater than 25 horsepower. The regulations: 1) imposes limits on idling, requires a written idling policy, and requires a disclosure when selling vehicles; 2) requires all vehicles to be reported to CARB (using the Diesel Off-Road Online Reporting System) and labeled; 3) restricts the adding of older vehicles into fleets starting on January 1, 2014; and 4) requires fleets to reduce their emissions by retiring, replacing, or repowering older engines, or installing Verified Diesel Emission Control Strategies (i.e., exhaust retrofits). The requirements and compliance dates of the Off-Road regulation vary by fleet size, as defined by the regulation.

Table 23. Applicable Greenhouse Gas-Related Laws and Regulations

Project Component	Applicable Laws/ Regulations	GHG Reduction Measures Required for Project
	Heavy-Duty Vehicle GHG Emission Reduction Regulation	Any relevant vehicle or machine use associated with the project will be subject to CARB standards. The CARB Heavy-Duty Vehicle GHG Emission Reduction Regulation applies to heavy-duty tractors that pull 53-foot or longer box-type trailers. (CCR, Title 17, Division 3, Chapter 1, Subchapter 10, Article 4, Subarticle 1, Section 95300 et seq.) Fuel efficiency is improved through improvements in tractor and trailer aerodynamics and the use of low rolling resistance tires.
	EPA and NHTSA GHG and CAFE standards.	Mobile sources that travel to and from the project would be subject to EPA and NHTSA GHG and CAFE standards for medium- and heavy-duty vehicles. (76 FR 57106–57513.)
Water Use		
Water Use Efficiency	Emergency State Water Board Regulations	Water use associated with the project will be subject to emergency regulations. On May 18, 2016, partially in response to EO B-27-16, the State Water Board adopted emergency water use regulations (CCR, title 23, Section 864.5 and amended and re-adopted Sections 863, 864, 865, and 866). The regulation directs the State Water Board, Department of Water Resources, and CPUC to implement rates and pricing structures to incentivize water conservation, and calls upon water suppliers, homeowners' associations, California businesses, landlords and tenants, and wholesale water agencies to take stronger conservation measures.
	EO B-37-16	Water use associated with the project will be subject to Emergency EO B-37-16, issued May 9, 2016, which directs the State Water Resources Control Board to adjust emergency water conservation regulations through the end of January 2017 to reflect differing water supply conditions across the state. The Water Board must also develop a proposal to achieve a mandatory reduction of potable urban water usage that builds off the mandatory 25% reduction called for in EO B-29-15. The Water Board and Department of Water Resources will develop new, permanent water use targets to which the project will be subject. The Water Board will permanently prohibit water-wasting practices such as hosing off sidewalks, driveways, and other hardscapes; washing automobiles with hoses not equipped with a shut-off nozzle; using non-recirculated water in a fountain or other decorative water feature; watering lawns in a manner that causes runoff, or within 48 hours after measurable precipitation; and irrigating ornamental turf on public street medians.

Table 23. Applicable Greenhouse Gas-Related Laws and Regulations

Project Component	Applicable Laws/ Regulations	GHG Reduction Measures Required for Project
	EO B-40-17	EO B-40-17 lifted the drought emergency in all California counties except Fresno, Kings, Tulare, and Tuolumne. It also rescinds EO B-29-15, but expressly states that EO B-37-16 remains in effect and directs the State Water Resources Control Board to continue development of permanent prohibitions on wasteful water use to which the project will be subject.
	SB X7-7	Water provided to the project will be affected by SB X7-7's requirements for water suppliers. SB X7-7, or the Water Conservation Act of 2009, requires all water suppliers to increase water use efficiency. It also requires, among other things, that the Department of Water Resources, in consultation with other state agencies, develop a single standardized water use reporting form, which would be used by both urban and agricultural water agencies.
	CALGreen Code	The project is subject to CALGreen Code's water efficiency standards, including a required 20% mandatory reduction in indoor water use. (CALGreen Code, Division 4.3.)
	California Water Code, Division 6, Part 2.10, Sections 10910–10915.	Development and approval of the project requires the development of a project-specific Water Supply Assessment.
	Cap-and-Trade Program	Electricity usage associated with water and wastewater supply, treatment and distribution would be subject to the Cap-and-Trade Program.
	California RPS (SB X1-2, SB 350, SB 100)	Electricity usage associated with water and wastewater supply, treatment and distribution associated with the project will be required to comply with RPS set by SB X1-2, SB 350, and SB 100.

Notes: AB = Assembly Bill; CARB = California Air Resources Board; CEC = California Energy Commission; CFC = chlorofluorocarbon; CH4 = methane; CO2 = carbon dioxide; CO2e = carbon dioxide equivalent; CPUC = California Public Utilities Commission; EO = Executive Order; EPA = Environmental Protection Agency; GHG = greenhouse gas; GWP = global warming potential; HCFC = hydrochlorofluorocarbon; HFC = hydrofluorocarbon; gpm = gallons per minute; MT = metric tons; N2O = nitrous oxide; NHTSA = National Highway Traffic Safety Administration; PM = particulate matter; RPS = Renewable Portfolio Standard; RTP/SCS = Regional Transportation Plan/Sustainable Communities Strategy; SB = Senate Bill; SCAG = Southern California Association of Governments; VOC = volatile organic compound; ZEV = zero emission vehicle

As shown, the project would be consistent with and would not conflict with the applicable GHG-reducing strategies of the state.

As part of the City's General Plan 2035, the City has adopted a CAP on July 11, 2011, which was prepared following CEQA Guidelines Section 15183.5. The City's CAP cannot be relied on for the analysis because the project buildout would be post-2020; thus, consistency with the City's CAP is included for informational purposes. Table 24, Consistency with the City of Murrieta's Climate Action Strategies, describes the project's consistency with those strategies, for informational purposes.

Table 24. Consistency with City of Murrieta's Climate Action Plan Strategies

Climate Action Strategies	Project Consistency
Community Involvement Strategy. The community involvement strategy is intended to foster a sense of ownership of the ideas and actions to be carried out within the City. To create a successful plan that is supported by the community, who will ultimately make these changes.	*Not applicable.* This strategy does not apply to the project.
Land Use and Community Vision Strategy. The land use and community vision strategy encourages changes in the land use pattern to enable residents to reduce dependence on their cars to get around town.	*Consistent.* Bus route 61 serviced by the Riverside Transit Agency would provide residents and employers/employees an alternate mode of transportation to the future commercial/retail center. Adjacent residents to the east of the project site could be able to walk to the project site. Residents in the City and surrounding communities would also be provided a nearer commercial/retail center rather than driving to another location.
Transportation and Mobility Strategy. The transportation and mobility strategy identifies opportunities to improve mobility such as walking, bicycling, and transit use, and to decrease the need to drive.	*Consistent.* Bus route 61 serviced by the Riverside Transit Agency would provide residents and employers/employees an alternate mode of transportation to the future commercial/retail center. Adjacent residents to the east of the project site could be able to walk to the project site. Residents in the City and surrounding communities would also be provided a nearer commercial/retail center rather than driving to another location. Bicycle racks would be provided at each building on the retail portion of the project site east of Warm Springs Parkway. Preferred van pool parking would be provided to encourage use of carpooling by employees and customers.
Energy Use and Conservation Strategy. The energy use and efficiency strategy recommends ways to increase energy efficiency in existing buildings, enhance energy performance for new construction, and increase use of renewable energy.	*Consistent.* The project would include PDF-AQ/GHG-1 and PDF-AQ/GHG-2 that would reduce energy use and increase energy efficiency, including the installation of LED lamps, using recycled and renewable building materials, installation of cool roofs and building materials, installation of high-efficiency HVAC systems, installation of high-efficiency water heaters, recycling of construction waste, installation of EV charging stations (four initially tied to solar source power at the time of opening), installation of a 708-kilowatt solar photovoltaic system on the Costco warehouse roof within two years of opening, and solar ready roofs for the other roofs.
Water Use and Efficiency Strategy. The intent of this strategy is to conserve water through efficient use and conservation.	*Consistent.* The project would include PDF-AQ/GHG-1 that would conserve water, including planting drought-tolerant vegetation, installing water-efficient irrigation system, and installing high-efficiency restroom fixtures.
Waste Reduction and Recycling Strategy. The strategy builds on past City successes by increasing waste diversion, reducing consumption of materials that otherwise end up in landfills, and increasing recycling.	*Consistent.* Implemented under PDF-AQ/GHG-1 and PDF-AQ/GHG-2, all non-hazardous solid waste generated from the project site once operational (e.g., plastic and glass bottles and jars, paper, newspaper, metal containers, and cardboard) would be recycled to the greatest extent possible. Extensive recycling/reuse program shall be implemented for warehouse and office space, including tires, cardboard, grease, plastics, and electronic waste. Furthermore, the project would use

Table 24. Consistency with City of Murrieta's Climate Action Plan Strategies

Climate Action Strategies	Project Consistency
	renewable building materials whenever possible, exterior skin metal would be 100% recycled, roof material would be 100% recycled, main building structure would be 100% recycled, construction waste would be recycled whenever possible. Each trash enclosure facility would provide a recycling bin slot with each landfill trash bin slot for each tenant on the retail east of Warm Springs Parkway.
Open Space Strategy. This strategy expands the utilization of open space areas for habitat, storm water management, soil retention, air filtration, and cooling, aesthetic and economic value, local food security, increased and improved parks, preservation, and to create new open spaces.	*Not applicable.* Per the City's General Plan, the project area was not zoned as an open space land use type (e.g., park), and the project area does not include elements (e.g., creek, designated trail) that would require open space designation. The project includes outdoor eating and seating areas for customers and employees.

Source: City of Murrieta 2011c.
Notes: HVAC = heating, ventilation, and air conditioning; EV = electric vehicle.

Each of the City's CAP strategies described above includes goals to identify ways to reduce GHG emissions. For informational purposes, the project is shown to be consistent with the strategies in the CAP.

Table 25, Consistency with the City of Murrieta Climate Action Strategy Goals, describes the project's consistency with applicable goals, included for informational purposes.

Table 25. Consistency with City of Murrieta's Climate Action Plan Strategy Goals

Climate Action Strategy Goals	Project Consistency
Community Involvement Strategy	
Increase Public Education Goal CIR-6: Alternative travel modes and facilities are available to serve residents and employers/employees and reduce vehicle miles traveled.	*Consistent.* Bus route 61 serviced by the Riverside Transit Agency would provide residents and employers/employees an alternate mode of transportation to the future commercial/retail center. Adjacent residents to the east of the project site could be able to walk to the project site. Residents in the City and surrounding communities would also be provided a nearer commercial/retail center rather than driving to another location.
Green the City Operations Goal CSV-15. A community taking a leadership role in resource conservation and reduction of GHG by implementing programs to improve municipal operations.	*Not applicable.* This goal does not apply to the project.
Green the City Fleet Goal HC-1: Application of innovative and model best practices in the community health field.	*Not applicable.* This goal does not apply to the project.
Land Use and Community Vision Strategy	
Balance of Land Uses to Reduce Vehicles Miles Traveled Goal LU-1: A complementary balance of land uses throughout the community that meets the needs of	*Consistent.* The project site is designated Commercial in the General Plan and the zoning is Regional Commercial, so the proposed project is consistent with the General

Table 25. Consistency with City of Murrieta's Climate Action Plan Strategy Goals

Climate Action Strategy Goals	Project Consistency
existing residents and businesses as well as anticipated growth, and achieves the community's vision.	Plan land use and zoning designation for the site. By locating a regional retail center here, it would reduce vehicle miles traveled in the community and in the region as residents currently travel greater distances to the Costco in Temecula or Lake Elsinore. It would also provide additional employment opportunities in the City, which reduces vehicle miles traveled for residents who may otherwise be traveling outside the City for these retail jobs. Furthermore, under **MM-AQ-2**, the project would offer transit subsidies for 100% of employees of the project for 3–6 months.
Improve Jobs/Housing Balance Goal LU-4: A housing stock that meets the diverse needs of Murrieta's existing and future residents.	*Consistent.* By providing additional employment opportunities within the city, this project would improve the jobs/housing imbalance.
Improve Jobs/Housing Balance Goal LU-5: Promotion of quality industrial development that provides local employment opportunities.	*Not applicable.* This goal does not apply to the project.
Improve Jobs/Housing Balance Goal LU-6: Land use policy that encourages job retention and attraction.	*Consistent.* The project would generate approximately 285 jobs for residents in the City and surrounding communities.
Transit Oriented Development Goal LU-7: Economically viable, vital, and attractive commercial centers throughout the City that serve the needs of the community.	*Consistent.* Bus route 61 serviced by the Riverside Transit Agency would provide residents and employers/employees an alternate mode of transportation to the future commercial/retail center. Adjacent residents to the east of the project site could be able to walk to the project site. Residents in the City and surrounding communities would also be provided a nearer commercial/retail center rather than driving to another location.
Transit Oriented Development Goal LU-8: A community that provides opportunities for mixed use and/or transit-oriented development.	*Not applicable.* This goal does not apply to the project.
Pedestrian-Friendly Environment Goal LU-9: Land use patterns and urban design that support healthy and sustainable lifestyles and businesses.	*Consistent.* The project would include PDF-AQ/GHG-1 and PDF-AQ/GHG-2 that would reduce energy use, increase energy efficiency, and conserve water that would help reduce environmental impacts.
Pedestrian-Friendly Environment Goal LU-10: A community that provides pedestrian-friendly environments for residential, commercial, business, and recreation uses.	*Consistent.* The project site would be accessible for bicycles and pedestrians. A pedestrian pathway would be constructed to ensure connectivity throughout the site and easy access from adjacent streets and neighboring properties. Bicycle racks would be provided on site.
Sustainable Economy Goal ED-3: A sound, stable, and diversified economic base.	*Consistent.* The project would generate approximately 285 jobs for residents in the City and surrounding communities, consistent with the City's economic development strategy.

Table 25. Consistency with City of Murrieta's Climate Action Plan Strategy Goals

Climate Action Strategy Goals	Project Consistency
Sustainable Economy Goal ED-4: Positive balance between the supply of retail opportunities and demand for goods and services will reduce the need to travel outside the City.	*Consistent.* Residents in the City and surrounding communities would be provided a nearer commercial/retail center rather than driving to another location.
Improve Jobs/Housing Balance Goal ED-5: An improved jobs/housing balance.	*Consistent.* The project would generate approximately 285 jobs for residents in the City and surrounding communities.
Improve Jobs/Housing Balance Goal ED-6: An educated and highly-skilled labor force.	*Consistent.* The project would generate 285 jobs for residents in the City and surrounding communities. The project would provide highly skilled employment opportunities, including the managerial staff.
Improve Jobs/Housing Balance Goal ED-8: Strategic approach to economic growth.	*Consistent.* The project would generate 285 jobs for residents in the City and surrounding communities. The project would increase sales tax generated by the goods sold at the project site.
Sustainable Economy Goal ED-10: A revitalized and economically stable Historic Downtown Murrieta.	*Not applicable.* This goal does not apply to the project.
Green Economy Goal AQ-6: Stationary source pollution (point source and area source) are minimized through existing and future regulations and new technology.	*Consistent.* The gasoline dispensing facility is a stationary source that would be required to be permitted through SCAQMD and comply with all applicable rules and regulation to reduce emissions.
Transportation and Mobility Strategy	
Increase Trail Connectivity Goal LU-22: Natural and visual resources are valued resources to maintain the rural character of the Los Alamos Hills.	*Not applicable.* This goal does not apply to the project.
Reduce Driving Goal LU-24: Historic Murrieta as the City's cultural, civic, and community center.	*Not applicable.* This goal does not apply to the project.
Support High Speed Rail Goal LU-25: Collaboration with Federal, State, County, and other regional agencies and authorities to ensure compliance with existing and future legislation that affects the City of Murrieta.	*Not applicable.* This goal does not apply to the project.
Support Multi-Modal Transportation Goal CIR-1: A circulation system that serves the internal circulation needs of the City, while also addressing the inter-community or through travel needs.	*Consistent.* The project would include construction of an extension of Warm Springs Parkway, including a signalized intersection, from where it ends at the southern end of the project site. Bus route 61 serviced by the Riverside Transit Agency would provide residents and employers/employees an alternate mode of transportation to the future commercial/retail center. Adjacent residents to the east of the project site could walk to the project site. Residents in the City and surrounding communities would also be provided a closer commercial/retail center rather than driving to another location. The project site would be accessible for bicycles and pedestrians. Bike racks would be provided at each building east of Warm Springs Parkway. A pedestrian

Table 25. Consistency with City of Murrieta's Climate Action Plan Strategy Goals

Climate Action Strategy Goals	Project Consistency
	pathway would be constructed to ensure connectivity throughout the site and easy access from adjacent streets and neighboring properties.
Promote Pedestrian Safety Goal CIR-2: A comprehensive circulation system that promotes safety.	*Consistent.* Proposed project driveways and internal circulation elements have been designed to reflect the specific opportunities and constraints within the project site with safety in mind. All intersections, circulation improvements, and access to the site would be designed consistent with City roadway standards and would not create a hazard for vehicles, bicycles, or pedestrians entering or exiting the site. A pedestrian pathway would be constructed to ensure connectivity throughout the site and easy access from adjacent streets and neighboring properties.
Improve Public Transportation Goal CIR-5: A supported regional transportation system that serves existing and future travel between Murrieta and other population and employment centers within southwest Riverside County and the larger region, and that accommodates the regional travel needs of developing areas outside the City.	*Consistent.* The project would include construction of an extension of Warm Springs Parkway, including a signalized intersection, from where it ends at the southern end of the project site. Bus route 61 serviced by the Riverside Transit Agency would provide residents and employers/employees an alternate mode of transportation to the future commercial/retail center.
Reduce Driving Goal CIR-6: Alternative travel modes and facilities are available to serve residents and employers/employees and reduce vehicle miles traveled.	*Consistent.* Bus route 61 serviced by the Riverside Transit Agency would provide residents and employers/employees an alternate mode of transportation to the future commercial/retail center. Adjacent residents to the east of the project site could be able to walk to the project site. Residents in the City and surrounding communities would also be provided a nearer commercial/retail center rather than driving to another location. Furthermore, under PDF-AQ/GHG-1 and PDF-AQ/GHG-2, the project would install EV charging stations, four of which would be tied to solar facilities on the roofs in the retail east of Warm Springs Parkway upon opening.
Increase Walking Goal CIR-7: Residential areas and activity centers are accessible to all pedestrians, including persons with disabilities or having special accessibility needs.	*Not applicable.* This goal does not apply to the project.
Increase Trail Connectivity Goal CIR-8: Development, expansion, and maintenance of a network of bicycle, pedestrian, and multi-use trails that allows residents to travel between parks, schools, neighborhoods, and other major destinations without driving.	*Not applicable.* This goal does not apply to the project.
Goal AQ-4: Mobile source emissions are reduced by providing a balance of jobs and housing that serve the needs of the community.	*Consistent.* Implementation of the project would generate approximately 285 jobs that could be available for residents of the City and surrounding communities. Residents in the City and surrounding communities would also be provided a nearer commercial/retail center rather than driving to another location.

Table 25. Consistency with City of Murrieta's Climate Action Plan Strategy Goals

Climate Action Strategy Goals	Project Consistency
Improve Air Quality by Reducing Driving Goal AQ-5: Air quality is improved through an efficient circulation system, reduced traffic congestion, and reduced vehicle miles traveled.	*Consistent.* Bus route 61 serviced by the Riverside Transit Agency would provide residents and employers/employees an alternate mode of transportation to the future commercial/retail center. Adjacent residents to the east of the project site could be able to walk to the project site. Residents in the City and surrounding communities would also be provided a nearer commercial/retail center rather than driving to another location. The project site would be accessible for bicycles and pedestrians. A pedestrian pathway would be constructed to ensure connectivity throughout the site and easy access from adjacent streets and neighboring properties.
Energy Use and Conservation Strategy	
Renewable Energy and Efficiency Goal CSV-12: Energy conservation and the generation of energy from renewable sources is prioritized as part of an overall strategy to reduce greenhouse gas emissions.	*Consistent.* The project would include PDF-AQ/GHG-1 and PDF-AQ/GHG-2 that would reduce energy use and increase energy efficiency, including the installation of LED lamps, using recycled and renewable building materials, installation of cool roofs and building materials, installation of high-efficiency HVAC systems, installation of high-efficiency water heaters, recycling of construction waste, installation of a 708-kilowatt solar photovoltaic system on the roof of the Costco warehouse within two years of opening, and solar ready roofs on the remaining roof tops.
Green Building Goal CSV-14: A community that encourages and incentivizes the sustainable development of buildings and neighborhoods, particularly with respect to durability, energy and water use, and transportation impacts.	*Consistent.* The project would include PDF-AQ/GHG-1 and PDF-AQ/GHG-2 that would reduce energy use, increase energy efficiency, and conserve water that would help reduce environmental impacts.
Energy Efficient Design Goal 2: Conserve and enhance the quality of existing housing and residential neighborhoods in Murrieta.	*Not applicable.* This goal does not apply to the project.
Water Use and Efficiency Strategy	
Increase Use of Recycled Water Goal INF-2: Infrastructure for recycled water is expanded throughout Murrieta for irrigation and other non-potable uses.	*Not applicable.* Recycled water is not available to the site; however, the project would install non-potable irrigation lines in preparation for recycled water becoming available in the future PDF-AQ/GHG-2.
Increase Water Conservation Goal CSV-1: A community that conserves, protects, and manages water resources to meet long-term community needs, including surface waters, groundwater, imported water supplies, storm water, and waste water.	*Consistent.* The project would include PDF-AQ/GHG-1 and PDF-AQ/GHG-2 that would conserve water including planting drought-tolerant vegetation; installation of water-efficient irrigation system; and installation of high-efficiency restroom fixtures. The project has been designed to include landscape throughout the project site that will help with runoff and stormwater management. A system of bio-filtration planters at the perimeter of the parcel and within the parking area would provide an ecologically responsible method of on-site stormwater treatment.

Table 25. Consistency with City of Murrieta's Climate Action Plan Strategy Goals

Climate Action Strategy Goals	Project Consistency
Reduce Water for Landscaping Goal CSV-2: Murrieta promotes compliance with requirements from the State and appropriate agencies regarding comprehensive water conservation measures in buildings and landscaping.	*Consistent.* The project would include PDF-AQ/GHG-1 that would conserve water including planting drought-tolerant vegetation and installation of water-efficient irrigation system. The project has been designed to include landscape throughout the project site that will help with runoff and stormwater management. A system of bio-filtration planters at the perimeter of the parcel and within the parking area would provide an ecologically responsible method of on-site stormwater treatment. Recycled water would be used for irrigation and landscape where feasible.
Waste Reduction and Recycling Strategy	
Reduce Waste through Education Goal INF-1: New development and redevelopment is coordinated with the provision of adequate infrastructure for water, sewer, storm water, and energy.	*Consistent.* Upon project approval, all infrastructure systems would be adequate to serve the project.
Increase Waste Diversion Goal CSV-13: Solid waste is diverted from landfills through waste reduction, re-use, and recycling.	*Consistent.* Implemented under PDF-AQ/GHG-1 and PDF-AQ/GHG-2, the project would incorporate recycling as applicable in order to divert waste from landfills. Extensive recycling/reuse program shall be implemented for warehouse and office space, including tires, cardboard, grease, plastics, and electronic waste. Furthermore, the project would use renewable building materials whenever possible, exterior skin metal would be 100% recycled, roof material would be 100% recycled, main building structure would be 100% recycled, construction waste would be recycled whenever possible. Each trash enclosure in the retail east of Warm Springs Parkway would have a recycled bin slot for each landfill bin slot for each tenant.
Open Space Strategy	
Goal CSV-9: A community that promotes the growth of an urban forest and water-efficient landscaping, recognizing that plants provide natural services such as habitat, storm water management, soil retention, air filtration, and cooling, and also have aesthetic and economic value.	*Consistent.* The project has been designed to include landscape throughout the project site that will help with runoff and stormwater management. A system of bio-filtration planters at the perimeter of the parcel and within the parking area would provide an ecologically responsible method of on-site stormwater treatment.
Improve Local Food Security Goal CSV-10: Fresh food is grown locally and made available through multiple venues that maintain a link to the City's agricultural heritage and promote healthy eating.	*Not applicable.* This goal does not apply to the project.
Preserve Open Space Goal ROS-7: Open space areas are planned to protect, conserve, and utilize resources of unique character and value of the community.	*Not applicable.* Per the City's General Plan, the project area was not zoned as an open space land use type (e.g., park), and the project area does not include elements (e.g., creek, designated trail) that would require open space designation. The project also

Table 25. Consistency with City of Murrieta's Climate Action Plan Strategy Goals

Climate Action Strategy Goals	Project Consistency
	includes outdoor eating and seating areas for customers and employees.
Integrate New Development and Open Space Goal ROS-8: New development is part of a coordinated system of open space, parkland, recreation facilities, and trails.	*Not applicable.* Per the City's General Plan, the project area was not zoned as an open space land use type (e.g., park), and the project area does not include elements (e.g., creek, designated trail) that would require open space designation. The project also includes outdoor eating and seating areas for customers and employees.
Create New Open Spaces Goal ROS-9: Public plazas or green spaces provide additional open space opportunities for existing and future residents and employees.	*Not applicable.* Per the City's General Plan, the project area was not zoned as an open space land use type (e.g., park), and the project area does not include elements (e.g., creek, designated trail) that would require open space designation. The project also includes outdoor eating and seating areas for customers and employees.

Source: City of Murrieta 2011c.
Notes: GHG = greenhouse gas; City = City of Murrieta; SCAQMD = South Coast Air Quality Management District; HVAC = heating, ventilation, and air conditioning.

As shown in Table 25, for informational purposes, the project demonstrates consistency with the City's Climate Action Strategy Goals.

The City's General Plan includes various goals and policies that promote the use of clean and renewable energy sources, facilitate alternative modes of transportation and reduce VMTs, reduce waste, conserve water, and promote the efficient and sustainable use of energy. The Conservation Element includes goals and policies that result in benefits with reducing GHG emissions. Table 26, Consistency with City of Murrieta's General Plan Policies, summarizes the project's consistency with these policies.

Table 26. Consistency with City of Murrieta's General Plan Policies

General Plan Policies	Project Consistency
Policy CSV-2.1. Ensure that all developments comply with water efficiency requirements, as mandated by the applicable Building Code.	*Consistent.* The project would include PDF-AQ/GHG-2 that would conserve water, including planting drought-tolerant vegetation, installing water-efficient irrigation system, and installing high-efficiency restroom fixtures.
Policy CSV-12.1. Ensure that all developments comply with energy efficiency requirements as mandated by the applicable Building Code.	*Consistent.* The project would comply with energy efficiency requirements as mandated by the applicable Building Code. Additionally, the project would include PDF-AQ/GHG-1 and PDF-AQ/GHG-2 that would reduce energy use and increase energy efficiency, including the installation of LED lamps, using recycled and renewable building materials, installation of cool roofs and building materials, installation of high-efficiency HVAC systems, installation of high-efficiency water heaters, recycling of construction waste, installation of a 708-kilowatt solar photovoltaic system on the roof of the Costco within 2 years of opening, and solar ready roofs on the remaining roof top space.

Table 26. Consistency with City of Murrieta's General Plan Policies

General Plan Policies	Project Consistency
Policy CSV-12.3. Support the on-site installation and use of renewable energy generation systems for residential, commercial, institutional, and industrial uses.	*Consistent.* Under PDF-AQ/GHG-1 and PDF-AQ/GHG-2, the project would install a 708-kilowatt solar photovoltaic system and design the remaining roofing structure to accommodate the additional structural load of the solar panels to allow for the flexibility for possible future installation; however, the project is inconsistent with the policy. The project would install a 708-kilowatt photovoltaic system on the roof of the Costco within 2 years of opening. The retail east of Warm Springs Parkway would have four of the EV stations tied to a solar source on two buildings upon opening.
Policy CSV-13.1. Continue to comply with the landfill diversion requirements of the Integrated Waste Management Program.	*Consistent.* Under PDF-AQ/GHG-1 and PDF-AQ/GHG-2, the project would incorporate recycling as applicable in order to divert waste from landfills. Extensive recycling/reuse program shall be implemented for warehouse and office space including tires, cardboard, grease, plastics, and electronic waste. Furthermore, the project would use renewable building materials whenever possible, exterior skin metal would be 100% recycled, roof material would be 100% recycled, main building structure would be 100% recycled, construction waste would be recycled whenever possible. Each trash enclosure in the retail east of Warm Springs Parkway would have a recycled bin slot for each landfill bin slot for each tenant.
Policy CSV-13.2. Ensure that non-residential and multi-family developments provide readily accessible areas for recycling (at a minimum) paper, corrugated cardboard, glass, plastics and metals, as required by California law.	*Consistent.* Under PDF-AQ/GHG-1 and PDF-AQ/GHG-2, the project would incorporate recycling as applicable to divert waste from landfills. Extensive recycling/reuse program shall be implemented for warehouse and office space including tires, cardboard, grease, plastics, and electronic waste. Each trash enclosure in the retail east of Warm Springs Parkway would have a recycled bin slot for each landfill bin slot for each tenant.
Policy CSV-14.1. Ensure all applicable construction projects comply with the California State Green Building Standards Code.	*Consistent.* The project would include PDF-AQ/GHG-1 and PDF-AQ/GHG-2 that would reduce energy use, increase energy efficiency, and conserve water that would help reduce environmental impacts.
Policy CSV-14.2. Encourage the integration of other principles of green building into development standards and guidelines, looking for opportunities to realize other benefits such as improved health and increased bicycle transportation.	*Consistent.* The project would include PDF-AQ/GHG-1 and PDF-AQ/GHG-2 that would reduce energy use, increase energy efficiency, and conserve water that would help reduce environmental impacts.

Source: City of Murrieta 2011a.
Notes: HVAC = heating, ventilation, and air conditioning.

As discussed in Table 26, the project would be consistent with the City's General Plan Policies.

As discussed in Section 3.2.2, the Scoping Plan (approved by CARB in 2008 and updated in 2014 and 2017) provides a framework for actions to reduce California's GHG emissions and requires CARB and other state agencies to adopt regulations and other initiatives to reduce GHGs. The Scoping Plan is not directly applicable to

specific projects, nor is it intended to be used for project-level evaluations.[14] Under the Scoping Plan, however, there are several state regulatory measures aimed at the identification and reduction of GHG emissions. CARB and other state agencies have adopted many of the measures identified in the Scoping Plan. Most of these measures focus on area source emissions (e.g., energy usage, high-GWP GHGs in consumer products) and changes to the vehicle fleet (i.e., hybrid, electric, and more fuel-efficient vehicles) and associated fuels (e.g., LCFS), among others.

The Scoping Plan recommends strategies for implementation at the statewide level to meet the goals of AB 32 and establishes an overall framework for the measures that will be adopted to reduce California's GHG emissions. Table 27 highlights measures that have been, or will be, developed under the Scoping Plan and the project's consistency with Scoping Plan measures. To the extent that these regulations are applicable to the project, its inhabitants, or uses, the project would comply with all regulations adopted in furtherance of the Scoping Plan to the extent required by law.

Table 27. Project Consistency with Scoping Plan Greenhouse Gas Emission Reduction Strategies

Scoping Plan Measure	Measure Number	Project Consistency
Transportation Sector		
Advanced Clean Cars	T-1	*Consistent.* The project's customers and employees would purchase vehicles in compliance with CARB vehicle standards that are in effect at the time of vehicle purchase.
Low Carbon Fuel Standard	T-2	*Consistent*. Motor vehicles driven by the project's customers and employees would use compliant fuels.
Regional Transportation-Related GHG Targets	T-3	*Consistent*. The project location would be convenient for customers and customers to travel to shopping and work.
Vehicle Efficiency Measures 1. Tire Pressure 2. Fuel Efficiency Tire Program 3. Low-Friction Oil 4. Solar-Reflective Automotive Paint and Window Glazing	T-4	*Consistent.* The project's tire center would purchase tires in compliance with EPA and NHTSA standards that are in effect at the time of tire purchase.
Ship Electrification at Ports (Shore Power)	T-5	*Not applicable.*
Goods Movement Efficiency Measures 1. Port Drayage Trucks 2. Transport Refrigeration Units Cold Storage Prohibition 3. Cargo Handling Equipment, Anti-Idling, Hybrid, Electrification 4. Goods Movement Systemwide Efficiency Improvements 5. Commercial Harbor Craft Maintenance and Design Efficiency	T-6	*Not applicable.*

[14] The Final Statement of Reasons for the amendments to the CEQA Guidelines reiterates the statement in the Initial Statement of Reasons that "[t]he Scoping Plan may not be appropriate for use in determining the significance of individual projects because it is conceptual at this stage and relies on the future development of regulations to implement the strategies identified in the Scoping Plan" (CNRA 2009).

Table 27. Project Consistency with Scoping Plan Greenhouse Gas Emission Reduction Strategies

Scoping Plan Measure	Measure Number	Project Consistency
6. Clean Ships 7. Vessel Speed Reduction		
Heavy-Duty Vehicle GHG Emission Reduction 1. Tractor-Trailer GHG Regulation 2. Heavy-Duty Greenhouse Gas Standards for New Vehicle and Engines (Phase I)	T-7	*Consistent*. The project's delivery trucks would comply with EPA and NHTSA federal Phase 2 Standards that are in effect at the time of vehicle purchase.
Medium- and Heavy-Duty Vehicle Hybridization Voucher Incentive Project	T-8	*Consistent*. The project's delivery trucks would comply with EPA and NHTSA federal Phase 2 Standards that are in effect at the time of vehicle purchase.
High-Speed Rail	T-9	*Not applicable.*
Electricity and Natural Gas Sector		
Energy Efficiency Measures (Electricity)	E-1	*Consistent*. The project would comply with current Title 24, Part 6, of the California Code of Regulations energy efficiency standards for electrical appliances and other devices at the time of building construction. Under PDF-AQ/GHG-1 and PDF-AQ/GHG-2, the project would use high-efficiency HVAC units, install indoor and outdoor lighting fixtures would be controlled by an overall energy management system. In addition, the project would install a 708-kilowatt solar photovoltaic system on the roof of the Costco warehouse within 2 years of opening and the remaining roofs would be solar ready roofs to accommodate the solar equipment that may be installed at a future date.
Energy Efficiency (Natural Gas)	CR-1	*Consistent*. The project would comply with current Title 24, Part 6, of the California Code of Regulations energy efficiency standards for natural gas appliances and other devices at the time of building construction. Under PDF-AQ/GHG-1, the project would install high-efficiency bathroom faucets and toilets.
Solar Water Heating (California Solar Initiative Thermal Program)	CR-2	*Consistent*. The project would install direct vented gas water heaters that are highly efficient.
Combined Heat and Power	E-2	*Not applicable.*
Renewable Portfolios Standard (33% by 2020)	E-3	*Consistent*. The electricity used by the project would benefit from reduced GHG emissions resulting from increased use of renewable energy sources.
SB 1 Million Solar Roofs (California Solar Initiative, New Solar Home Partnership, Public Utility Programs) and Earlier Solar Programs	E-4	*Consistent.* Under PDF-AQ/GHG-1 and PDF-AQ/GHG-2, the project would include installation of a 708-kilowatt solar photovoltaic system on the roof of the Costco warehouse within 2 years of opening and the remaining rooftops would be solar ready roofs. The retail east of Warm Springs Parkway would open with four EVC stations tied to solar source on two roofs.

Table 27. Project Consistency with Scoping Plan Greenhouse Gas Emission Reduction Strategies

Scoping Plan Measure	Measure Number	Project Consistency
Water Sector		
Water Use Efficiency	W-1	Consistent. The project would implement PDF-AQ/GHG-1, which includes installation of low-flow bathroom faucets and low-flow toilets. Regarding outdoor water, the project would install water-efficient devices and landscaping in accordance with applicable ordinances, including use of drought-tolerant species appropriate to the climate and region.
Water Recycling	W-2	*Not feasible.* Under PDF-AQ/GHG-2, recycled water is not available to the site; however, the project would install non-potable irrigation lines in preparation for recycled water becoming available in the future.
Water System Energy Efficiency	W-3	*Not applicable.* This is applicable for the transmission and treatment of water, but it is not applicable for the project.
Reuse Urban Runoff	W-4	*Not feasible.* Per the applicant, reuse of urban water on-site was determined to not be feasible.
Renewable Energy Production	W-5	*Not applicable.* Applicable for wastewater treatment systems.
Green Buildings		
State Green Building Initiative: Leading the Way with State Buildings (Greening New and Existing State Buildings)	GB-1	*Consistent*. The project would be required to be constructed in compliance with state or local green building standards in effect at the time of building construction, which currently includes the 2019 Title 24 and 2019 CALGreen standards.
Green Building Standards Code (Greening New Public Schools, Residential and Commercial Buildings)	GB-1	*Consistent*. The project's buildings would meet green building standards that are in effect at the time of design and construction.
Beyond Code: Voluntary Programs at the Local Level (Greening New Public Schools, Residential and Commercial Buildings)	GB-1	*Consistent*. The project would be required to be constructed in compliance with local green building standards in effect at the time of building construction, which currently includes the 2019 Title 24 and 2019 CALGreen standards.
Greening Existing Buildings (Greening Existing Homes and Commercial Buildings)	GB-1	*Not applicable.* This is applicable for existing buildings only. It is not applicable for the project except as future standards may become applicable to existing buildings.
Industry Sector		
Energy Efficiency and Co-Benefits Audits for Large Industrial Sources	I-1	*Not applicable.*
Oil and Gas Extraction GHG Emission Reduction	I-2	*Not applicable.*
GHG Emissions Reduction from Natural Gas Transmission and Distribution	I-3	*Not applicable.*
Refinery Flare Recovery Process Improvements	I-4	*Not applicable.*
Work with the local air districts to evaluate amendments to their existing leak detection and repair rules for industrial facilities to include methane leaks	I-5	*Not applicable.*

Table 27. Project Consistency with Scoping Plan Greenhouse Gas Emission Reduction Strategies

Scoping Plan Measure	Measure Number	Project Consistency
Recycling and Waste Management Sector		
Landfill Methane Control Measure	RW-1	*Not applicable.*
Increasing the Efficiency of Landfill Methane Capture	RW-2	*Not applicable.*
Mandatory Commercial Recycling	RW-3	*Consistent*. During both construction and operation of the project, the project would comply with all state regulations related to solid waste generation, storage, and disposal, including the California Integrated Waste Management Act, as amended. During construction, under PDF-AQ/GHG-1, all wastes would be recycled to the maximum extent possible. During operation, extensive recycling/reuse program would be implemented for the Costco Warehouse and office space including tires, cardboard, grease, plastics, and electronic waste. Each trash enclosure in the retail east of Warm Springs Parkway would have a recycled bin slot for each landfill bin slot for each tenant.
Increase Production and Markets for Compost and Other Organics	RW-3	*Not applicable.*
Anaerobic/Aerobic Digestion	RW-3	*Not applicable.*
Extended Producer Responsibility	RW-3	*Not applicable* (applicable to product designer and producers).
Environmentally Preferable Purchasing	RW-3	*Not applicable* (applicable to product designer and producers).
Forests Sector		
Sustainable Forest Target	F-1	*Not applicable*.
High GWP Gases Sector		
Motor Vehicle Air Conditioning Systems: Reduction of Refrigerant Emissions from Non-Professional Servicing	H-1	*Consistent*. The project's customers and employees would be prohibited from performing air conditioning repairs and would be required to use professional servicing.
SF_6 Limits in Non-Utility and Non-Semiconductor Applications	H-2	*Not applicable.*
Reduction of Perfluorocarbons in Semiconductor Manufacturing	H-3	*Not applicable.*
Limit High GWP Use in Consumer Products	H-4	*Not applicable.*
Air Conditioning Refrigerant Leak Test During Vehicle Smog Check	H-5	*Not applicable.*
Stationary Equipment Refrigerant Management Program – Refrigerant Tracking/Reporting/Repair Program	H-6	*Not applicable.*
Stationary Equipment Refrigerant Management Program – Specifications for Commercial and Industrial Refrigeration	H-6	*Not applicable.*

Table 27. Project Consistency with Scoping Plan Greenhouse Gas Emission Reduction Strategies

Scoping Plan Measure	Measure Number	Project Consistency
SF_6 Leak Reduction Gas Insulated Switchgear	H-6	*Not applicable.*
Agriculture Sector		
Methane Capture at Large Dairies	A-1	*Not applicable.*

Source: CARB 2010.
Notes: CARB = California Air Resources Board; GHG = greenhouse gas; SB = Senate Bill; EPA = U.S. Environmental Protection Agency; NHTSA = National Highway Traffic Safety Administration; HVAC = heating, ventilation, and air conditioning; SF_6 = sulfur hexafluoride; GWP = global warming potential.

Based on the analysis in Table 27, the project would not be consistent with the applicable strategies and measures in the Scoping Plan.

SCAG's 2016 RTP/SCS is a regional growth-management strategy that targets per capita GHG reduction from passenger vehicles and light-duty trucks in the Southern California region pursuant to SB 375. In addition to demonstrating the region's ability to attain and exceed the GHG emission-reduction targets set forth by CARB, the 2016 RTP/SCS outlines a series of actions and strategies for integrating the transportation network with an overall land use pattern that responds to projected growth, housing needs, changing demographics, and transportation demands. Thus, successful implementation of the 2016 RTP/SCS would result in more complete communities with a variety of transportation and housing choices, while reducing automobile use. The SCAG 2016 RTP/SCS provides employee estimates for the years 2012 and 2040. To provide an interim year comparison, this analysis interpolates the City's projected employee population in the project's operational year (2021) based on the average growth rate to compare with the estimated increase in employees generated by the project. The SCAG 2016 RTP/SCS estimates that the City's employee population will increase approximately 30% between 2012 and 2040. Regarding households, the SCAG 2016 RTP/SCS estimates that the City's total households will increase approximately 25% between 2012 and 2040. The project's 285 potential employees would not exceed the interpolated annual growth rate of 782 employees a year for the City. Based on these considerations, vehicle trip generation and planned development for the site are concluded to have been anticipated in the SCAG growth projections because the land use designation and zoning would remain the same (i.e., Regional Commercial). Because the addition of project-generated employees to the City's estimated employee population would not exceed the SCAG 2016 RTP/SCS forecasted population.

With regard to individual developments, such as the project, the strategies and policies set forth in the 2016 RTP/SCS can be grouped into the following three categories: (1) reduction of vehicle trips and VMT; (2) increased use of alternative fuel vehicles; and (3) improved energy efficiency. The project's consistency with these three strategy categories is presented below.

1. Consistency with VMT Reduction Strategies and Policies

The project's consistency with this aspect of the 2016 RTP/SCS is demonstrated via the project's land use characteristics and features that would reduce vehicular trips and VMT, as well as the project's consistency with the regional growth forecast assumed in the 2016 RTP/SCS for the City. As discussed in Section 2.5.1, vehicle trip generation and planned development for the project site are concluded to have been anticipated in the SCAG 2016 RTP/SCS growth projections because the project would be consistent with the current zoning and land use

designation. Regarding VMT reduction characteristics, the project would be serviced by the Riverside Transit Agency bus route 61, which provide residents and employers/employees an alternate mode of transportation to the project site, and the project would provide 100% of the project employees transit subsidies for 3–6 months. Furthermore, the residents in the City and surrounding communities would also be provided a nearer commercial/retail center rather than driving to other, more distant locations. Furthermore, the project would also provide additional employment opportunities in the City, which reduces VMT for residents who may otherwise be traveling outside the City for these retail jobs. The project site would be accessible for bicycles and pedestrians. A pedestrian pathway would be constructed to ensure connectivity throughout the site and easy access from adjacent streets and neighboring properties. Bicycle racks would be provided on site.

Furthermore, the proposed Costco warehouse will operate on a members-only basis. There are currently existing warehouses in Temecula and Lake Elsinore within the trade area of the proposed Costco. It is anticipated that up to 80% of Costco members who will shop at the new warehouse are currently shopping at existing Costco warehouses. As the proposed Costco has been purposely sited to be closer to the homes of those members in the trade area, it is expected the trip lengths, and VMT, of these members will decrease as compared to existing conditions. Nonetheless, to provide a more conservative analysis, the air quality and GHG analyses assumed that all trips to the Costco would be new and did not reflect any VMT reduction.

2. Increased Use of Alternative Fueled Vehicles Policy Initiative

The second goal of the 2016 RTP/SCS, with regard to individual development projects such as the project, is to increase alternative fueled vehicles to reduce per capita GHG emissions. This 2016 RTP/SCS policy initiative focuses on accelerating fleet conversion to electric or other near zero-emission technologies. The project would be consistent with these strategies since the EV charging stations would be implemented into the project, including designating 17 spaces (i.e., 5%) of the total number of parking spaces as EV charging spaces capable of supporting future electric vehicle supply equipment.

3. Energy Efficiency Strategies and Policies

The third important focus within the 2016 RTP/SCS, for individual developments such as the proposed project, involves improving energy efficiency (e.g., reducing energy consumption) to reduce GHG emissions. The 2016 RTP/SCS goal is to actively encourage and create incentives for energy efficiency, where possible. The project would comply with the current CALGreen and Title 24 standards. Additionally, the project applicant committed to installing LED lamps, cool roofs and building materials, high-efficiency HVAC systems, high-efficiency bathroom faucets, high-efficiency water heaters, EV charging stations, 708-kilowatt solar photovoltaic system on the roof of the Costco warehouse within two years of opening, and solar-ready roofs.

Based on the analysis above, the proposed project would be consistent with the SCAG 2016 RTP/SCS.

Conclusion

The City has taken steps to address climate change impacts at a local level. In 2011, the City Council adopted a CAP. The purpose of the City's CAP is to guide the development, enhancement, and implementation of actions that would reduce the City's GHG emissions by 15% below existing levels below 2009 baseline emission levels by 2020. Actions to be taken to achieve this goal are outlined in the City's CAP. In addition, as summarized in Table 26, the City's General Plan 2035 includes various goals and policies that promote the use of clean and renewable energy sources, facilitate alternative modes of transportation and reduce vehicle miles traveled,

reduce waste, conserve water, and promote the efficient and sustainable use of energy. Table 24 and Table 25 above describes the project's consistency with the City's climate action strategies and City's climate action strategy goals in the City's CAP, respectively. As stated in the City's CAP, projects that demonstrate consistency with the goals, strategies, actions, and emission reduction targets contained in the City's CAP would have a less-than-significant impact on climate change. Since Table 24 and Table 25 demonstrate the project's consistency with those strategies and goals, respectively, the project would be consistent with the City's climate action strategies and not result in a conflict with the adopted CAP.

SCAG's 2016 RTP/SCS is a regional growth-management strategy that targets per capita GHG reduction from passenger vehicles and light-duty trucks in the Southern California region. The 2016 RTP/SCS incorporates local land use projections and circulation networks in city and county general plans. The City's Zoning Map shows the site as being zoned Regional Commercial (City of Murrieta 2014). The project would be consistent with the current zoning and land use designation. The project would add 285 full-time employees.

The project would not impede the attainment of the GHG reduction goals for 2030 or 2050 identified in EO S-3-05 and SB 32. As discussed in Section 3.2.2, EO S-3-05 establishes the following goals: GHG emissions should be reduced to 2000 levels by 2010, to 1990 levels by 2020, and to 80% below 1990 levels by 2050. SB 32 establishes for a statewide GHG emissions reduction target whereby CARB, in adopting rules and regulations to achieve the maximum technologically feasible and cost-effective GHG emissions reductions, shall ensure that statewide GHG emissions are reduced to at least 40% below 1990 levels by December 31, 2030. While there are no established protocols or thresholds of significance for that future year analysis; CARB forecasts that compliance with the current Scoping Plan puts the state on a trajectory of meeting these long-term GHG goals, although the specific path to compliance is unknown (CARB 2014).

To begin, CARB has expressed optimism with regard to both the 2030 and 2050 goals. It states in the First Update to the Climate Change Scoping Plan that "California is on track to meet the near-term 2020 GHG emissions limit and is well positioned to maintain and continue reductions beyond 2020 as required by AB 32" (CARB 2014). With regard to the 2050 target for reducing GHG emissions to 80% below 1990 levels, the First Update to the Climate Change Scoping Plan states the following (CARB 2014):

> This level of reduction is achievable in California. In fact, if California realizes the expected benefits of existing policy goals (such as 12,000 megawatts of renewable distributed generation by 2020, net zero energy homes after 2020, existing building retrofits under AB 758, and others) it could reduce emissions by 2030 to levels squarely in line with those needed in the developed world and to stay on track to reduce emissions to 80% below 1990 levels by 2050. Additional measures, including locally driven measures and those necessary to meet federal air quality standards in 2032, could lead to even greater emission reductions.

In other words, CARB believes that the state is on a trajectory to meet the 2030 and 2050 GHG reduction targets set forth in AB 32, SB 32, and EO S-3-05. This is confirmed in the *Second Update*, which states (CARB 2017b):

> The Proposed Plan builds upon the successful framework established by the Initial Scoping Plan and First Update, while also identifying new, technologically feasible and cost-effective strategies to ensure that California meets its GHG reduction targets in a way that promotes and rewards innovation, continues to foster economic growth, and delivers improvements to the environment

and public health, including in disadvantaged communities. The Proposed Plan is developed to be consistent with requirements set forth in AB 32, SB 32, and AB 197.

The project is consistent with the GHG emission reduction measures in the Scoping Plan. The project is consistent with the Scoping Plan, 2016 RTP/SCS, City's General Plan, and the City's CAP, which all promote economic growth while achieving greater energy efficiency. The project would be consistent with SCAG's RTP/SCS, SB 32, and EO S-3-05 by being consistent with VMT reduction strategies and policies, increasing the use of alternative fueled vehicles, and implementing energy efficiency strategies. The project would not conflict with any plans adopted with the purpose of reducing GHG emissions; therefore, the proposed project's impacts with respect to GHG emissions would be **less than significant**.

Mitigation Measures

No mitigation is required.

Level of Significance After Mitigation

Impacts would be less than significant without mitigation.

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13 CCR 2449–2449.3 and Appendix A. General Requirements for In-Use Off-Road Diesel-Fueled Fleets.14 CCR 15000–15387 and Appendices A–L. Guidelines for Implementation of the California Environmental Quality Act, as amended.

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APPENDIX A

CalEEMod Output Files

Costco and Vineyard II Unmitigated Construction and Operational Air Quality and Greenhouse Gas Emissions

Construction - Unmitigated

	VOC	NOx	CO	SO2	PM10	PM2.5	CO2	CH4	N2O	CO2e	
Year	**(lb/day)**						**MT/year**				
Vineyard II Construction											
2020	8.70	97.93	54.43	0.13	14.91	9.38	137.10	0.03	0.00	137.96	
2021	31.30	98.85	84.44	0.21	10.35	6.12	1,247.26	0.18	0.00	1,251.79	
Costco Construction											
2020	7.05	83.71	44.95	0.14	14.84	8.91	411.72	0.07	0.00	413.54	
2021	30.60	77.26	62.24	0.17	9.78	5.25	460.91	0.07	0.00	462.59	
Costco Rock Crushing and Rock Popping											
2020	2.60	23.25	18.57	0.06	1.24	0.94	184.90	0.01	0.00	185.06	Rock crushing and generators
2020	—	—	0.01	—	0.00	—	-	0.00	0.00	0.00	Rock popping
Warm Springs Parkway Construction											
2020	4.08	42.62	31.72	0.06	4.86	3.25	126.18	0.04	0.00	127.06	
Warm Springs Parkway Crushing and Blasting											
2020	2.60	23.25	18.57	0.06	1.21	0.94	30.82	0.00	0.00	30.84	Rock crushing and generators
2020	—	1.70	6.70	0.20	0.00	0.00	0.08	0.00	0.00	0.08	Blasting
TOTAL											
2020	25.04	272.46	174.96	0.66	37.06	23.42	890.80	0.15	0.00	894.54	
2021	61.90	176.11	146.68	0.38	20.13	11.37	1,708.18	0.25	0.00	1,714.38	
MAX	**61.90**	**272.46**	**174.96**	**0.66**	**37.06**	**23.42**	**2,598.98**	**0.40**	**0.00**	**2,608.92**	TOTAL
Threshold	*75*	*100*	*550*	*150*	*150*	*55*	**Amortized 30 year construction**			**86.96**	

Operational 2021 - Unmitigated

	VOC	NOx	CO	SO2	PM10	PM2.5	CO2	CH4	N2O	CO2e
Category	**(lb/day)**						**MT/year**			
Vineyard II										
Area	1.72	4.70E-04	0.05	0.00	0.00	0.00	0.01	0.00	0.00	0.01
Energy	0.07	0.61	0.51	0.00	0.05	0.05	342.67	0.01	0.00	344.20
Waste	-	-	-	-	-	-	28.96	1.71	0.00	71.75
Water	-	-	-	-	-	-	24.28	0.01	0.00	25.72
Costco										
Area	56.40	0.00	0.10	0.00	0.00	0.00	0.02	0.00	0.00	0.03
Energy	0.01	0.13	0.11	0.01	0.01	0.01	468.25	0.02	0.00	470.02
Waste	-	-	-	-	-	-	68.69	4.06	0.00	170.18
Water	-	-	-	-	-	-	41.58	0.01	0.01	44.04
Offroad	0.39	3.54	3.50	0.00	0.25	0.23	73.52	0.02	0.00	74.12
TOTAL										
Area	58.11	0.00	0.15	0.00	0.00	0.00	0.04	0.00	0.00	0.04
Energy	0.08	0.74	0.62	0.01	0.06	0.06	810.92	0.03	0.01	814.21
Mobile	17.20	55.92	362.44	1.02	98.84	24.81	17,571.96	0.77	0.65	17,599.57

Waste	0.00	0.00	0.00	0.00	0.00	0.00	97.65	5.77	0.00	241.93
Water	0.00	0.00	0.00	0.00	0.00	0.00	65.86	0.02	0.01	69.76
Offroad	0.39	3.54	3.50	0.00	0.25	0.23	73.52	0.02	0.00	74.12
TOTAL	**75.78**	**60.20**	**366.71**	**1.04**	**99.15**	**25.10**	**18,546.43**	**6.59**	**0.67**	**18,725.51**
Threshold	*55*	*55*	*550*	*150*	*150*	*55*			**Amortized 30 year construction**	86.96
									Operation + Amortized Construction	**18,812.47**

Operational 2023 - Unmitigated (including PV solar project design feature)

	VOC	NOx	CO	SO2	PM10	PM2.5	CO2	CH4	N2O	CO2e
Category	**(lb/day)**						**MT/year**			
Vineyard II										
Area							0.01	0.00	0.00	0.01
Energy							342.67	0.01	0.00	344.20
Waste							28.96	1.71	0.00	71.75
Water							24.28	0.01	0.00	25.72
Costco										
Area							0.02	0.00	0.00	0.03
Energy							164.14	0.01	0.00	167.84
Waste							68.69	4.06	0.00	170.18
Water							41.58	0.01	0.01	44.04
Offroad							73.52	0.02	0.00	74.12
TOTAL										
Area							0.04	0.00	0.00	0.04
Energy							506.81	0.02	0.01	512.04
Mobile							17,571.96	0.77	0.65	17,599.57
Waste							97.65	5.77	0.00	241.93
Water							65.86	0.02	0.01	69.76
Offroad							73.52	0.02	0.00	74.12
TOTAL							**18,315.85**	**6.58**	**0.67**	**18,423.33**
									Amortized 30 year construction	86.96
									Operation + Amortized Construction	**18,510.30**

1. Includes solar PV system

Costco and Vineyard II Mitigated Construction Air Quality Emissions

Construction - Mitigated

	VOC	NOx	CO	SO2	PM10	PM2.5
Year	**(lb/day)**					
Vineyard II Construction						
2020	1.60	12.86	55.34	0.13	10.89	5.69
2021	27.52	33.85	101.05	0.23	9.24	3.57
Costco Construction						
2020	2.60	26.94	47.54	0.14	11.48	5.83
2021	26.19	26.30	67.90	0.17	7.09	2.77
Costco Rock Crushing and Rock Popping						
2020	2.60	23.25	18.57	0.06	1.24	0.94
2020	—	—	0.01	—	0.00	—
Warm Springs Parkway Construction						
2020	1.03	5.92	36.02	0.06	0.91	0.35
Warm Springs Parkway Crushing and Blasting						
2020	2.60	23.25	18.57	0.06	1.21	0.94
2020	—	1.70	6.70	0.20	0.00	0.00
TOTAL						
2020	10.44	93.93	182.74	0.66	25.73	13.75
2021	53.71	60.15	168.95	0.41	16.34	6.33
MAX	**53.71**	**93.93**	**182.74**	**0.66**	**25.73**	**13.75**
Threshold	*75*	*100*	*550*	*150*	*150*	*55*

Quantification of Commercial EV Charging Station Benefit

SCE Electricity Emission Factor[1]	0.30	MT CO_2e/MWh
Fuel Economy of Electric Vehicle[2]	0.25	kWh/mile
Gasoline/Diesel CO_2e Emission while Running[3]	314	g/mile
Annual VMT per Parking Spot[4]	45,625	miles/charging station/year
Number of EV Parking Spots Provided by Project[5]	17	
Annual VMT All Stations (Based on Charge)	775,625	miles/year
GHG Emissions of Gasoline/Diesel Vehicle[6]	243	MT CO_2e/year
GHG Emissions of Electric Vehicle[7]	57	MT CO_2e/year
GHG Emissions Reduction[8]	186	MT CO_2e/year
GHG Reduction per Parking Space with Charging per Year	11	MT CO_2e/year

Notes:

1. CO2e weighted intensity factor for SCE accounts for CO_2, CH_4, and N_2O emission rates consistent with 2020 RPS goal of 33%.

2. US Department of Energy. 2013. Benefits and Considerations of Electricity as a Vehicle Fuel. https://www.afdc.energy.gov/fuels/electricity_benefits.html. Accessed October 2018.

3. California Air Resources Board. 2015. EMFAC 2014. Running exhaust emission rate for CO_2 for light duty gasoline- and diesel-pwered vehicles for South Coast Air Basin, aggregated for all models and speeds, averaged over all seasons for 2021. https://www.arb.ca.gov/emfac/. Accessed October 2018.

4. Annual VMT reduction estimated based on an estimate of 5 hours of charge time for a Level 2 charging station that charges at a rate of 25 miles of driving range per hour.

5. Number of charging stations based on project commitment. This assumes 17 parking spaces would be serviced by a charging station.

6. GHG emissions calculated using annual VMT reduction at all stations.

7. GHG emissions calculated using annual VMT reduction at all stations, fuel economy of electric vehicles, along with SCE electricity intensity emission factor.

8. GHG emission reduction is a difference of GHG emissions of gasoline vehicles and GHG emissions of electric vehicles.

EMFAC2014 (v1.0.7) Emission Rates
Region Type: Air Basin
Region: South Coast
Calendar Year: 2021
Season: Annual
Vehicle Classification: EMFAC2007 Categories
Units: miles/day for VMT, trips/day for Trips, g/mile for RUNEX, PMBW and PMTW, g/trip for STREX, HTSK and RUNLS, g/vehicle/day for IDLEX, RESTL and DIL

Region	CalYr	VehClass	MdlYr	Speed	Fuel	Population	VMT	Trips	CO2_RUNEX
South Coas	2021	LDA	Aggregatec	Aggregatec	GAS	6129320	2.1E+08	38690907	286.87
South Coas	2021	LDA	Aggregatec	Aggregatec	DSL	60805.77	2218008	379671.1	264.76
South Coas	2021	LDT1	Aggregatec	Aggregatec	GAS	516238.4	17365475	3138697	340.40
South Coas	2021	LDT1	Aggregatec	Aggregatec	DSL	611.253	16312.41	3163.716	373.21
South Coas	2021	LDT2	Aggregatec	Aggregatec	GAS	2174513	80418424	13771040	383.07
South Coas	2021	LDT2	Aggregatec	Aggregatec	DSL	3910.543	155343.4	25178.54	348.56
South Coas	2021	MCY	Aggregatec	Aggregatec	GAS	291015	1909913	581971.8	182.98
								Average	**313.86**

Costco Gas Dispensing Emissions

Annual Throughput: 26,000,000 gal/year
Operating Schedule: 365 days/year

	VOC lb/1,000 gal	VOC lb/year	VOC lb/day
Loading	0.15	3,900.00	10.68
Breathing	0.024	624.00	1.71
Refueling	0.32	8,320.00	22.79
Hose Permeation	0.009	234.00	0.64
Spillage	0.24	6,240.00	17.10
	TOTAL	**19,318.00**	**52.93**

Source: http://www.aqmd.gov/docs/default-source/permitting/rule-1401-risk-assessment/riskassessproc-v8-1.pdf?sfvrsn=12, Page X-1, Table X-1, (
Notes: gal = gallon; lb = pound

Delivery truck idling and TRU emissions

		Truck Count		VOC	NOx	CO	SO2	PM10	PM2.5	CO2	CH4	N2O	CO2e
	hr/truck	trucks/day	trucks/year	lb/day	lb/day	lb/day	lb/day	lb/day	lb/day	MT/yr	MT/yr	MT/yr	MT/yr
Idling	0.25	27	7,351	0.000689	0.014989	0.009697	0.000021	0.000038	0.000036	2.175747	0.000032	0.000342	2.278461
TRU	0.50	8	1,981	0.002609	0.025316	0.021199	0.000005	0.000995	0.000916	0.063009	-	-	0.063009
			TOTAL	0.003297	0.040305	0.030896	0.000025	0.001033	0.000952	2.238757	0.000032	0.000342	2.341470

Assumptions:
Costco 10 trucks per day
Costco 50% of 10 deliveries per day are TRU
Costco gas station 9 trucks per day
Vineyard 8 deliveries per week (I-2 Sub-Major Retail 1 delivery per week, Building J 4 deliveries per week, 1,200 square foot food 1 TRU delivery per week, Casual dining 2
Vineyard 3 TRU deliveries per week

1 lb = 453.6 g
1 MT = 1000000 g
1 MT = 2000 lb

EMFAC2017 (v1.0.2) Emission Rates
Region Type: County
Region: RIVERSIDE
Calendar Year: 2021
Season: Annual
Vehicle Classification: EMFAC2007 Categories
Units: miles/day for VMT, trips/day for Trips, g/mile for RUNEX, PMBW and PMTW, g/trip for STREX, HTSK and RUNLS, g/vehicle/day for IDLEX, RESTL and DIURN

Region	Calendar Y	Vehicle Cat	Model Yea	Speed	Fuel	Population	VMT	Trips	ROG_IDLEX g/veh/day	TOG_IDLEX g/veh/day	CO_IDLEX g/veh/day	NOx_IDLEX g/veh/day	CO2_IDLEX g/veh/day	CH4_IDLEX g/veh/day	PM10_IDLI g/veh/day	PM2_5_IDI g/veh/day	SOx_IDLEX g/veh/day	N2O_IDLEX g/veh/day	CALCULATED ROG_IDLEX g/veh/hr	TOG_IDLEX g/veh/hr	CO_IDLEX g/veh/hr	NOx_IDLEX g/veh/hr	CO2_IDLEX g/veh/hr	CH4_IDLEX g/veh/hr	PM10_IDLE g/veh/hr	PM2_5_IDI g/veh/hr	SOx_IDLEX g/veh/hr	N2O_IDLEX g/veh/hr
RIVERSIDE	2021	HHDT	Aggregate	Aggregate	DSL	27250.49	3825933	312944.6	6.674635605	7.598565	86.88741	84.40708	16206.86	0.31002	0.123348	0.118012	0.153114	2.547493	0.061011	0.069457	0.794218	0.771545	148.1432	0.002834	0.001127	0.001079	0.0014	0.023286
RIVERSIDE	2021	MHDT	Aggregate	Aggregate	DSL	15756.36	963068.1	151121.4	0.121790715	0.138649	2.373493	8.291139	837.202	0.005657	0.029217	0.027953	0.007909	0.131596	0.020783	0.02366	0.405033	1.41487	142.8672	0.000965	0.004986	0.00477	0.00135	0.022457
																		HHDT and MHDT Composite	**0.046273**	**0.052678**	**0.651633**	**1.007239**	**146.2102**	**0.002149**	**0.002541**	**0.002431**	**0.001381**	**0.022982**
RIVERSIDE	2021	LDA	Aggregate	Aggregate	GAS	750300.9	29816029	3552292	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RIVERSIDE	2021	LDA	Aggregate	Aggregate	DSL	6761.576	284051.9	32376.68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RIVERSIDE	2021	LDA	Aggregate	Aggregate	ELEC	10150.83	397377.3	51147.17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RIVERSIDE	2021	LDT1	Aggregate	Aggregate	GAS	80587.48	3017206	366690.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RIVERSIDE	2021	LDT1	Aggregate	Aggregate	DSL	42.61598	937.3229	139.3726	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RIVERSIDE	2021	LDT1	Aggregate	Aggregate	ELEC	312.6717	12704.03	1592.297	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RIVERSIDE	2021	LDT2	Aggregate	Aggregate	GAS	246596.5	9631964	1154463	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RIVERSIDE	2021	LDT2	Aggregate	Aggregate	DSL	1288.993	58422.34	6390.045	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RIVERSIDE	2021	LDT2	Aggregate	Aggregate	ELEC	1692.169	54349.02	8602.01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RIVERSIDE	2021	LHDT1	Aggregate	Aggregate	GAS	20885.97	692854.1	311169.9	0.45664908	0.666341	3.750864	0.039863	122.4859	0.126649	0	0	0.001212	0.003199	0.262442	0.382955	2.155669	0.02291	70.39417	0.072787	0	0	0.000697	0.001839
RIVERSIDE	2021	LHDT1	Aggregate	Aggregate	DSL	19999.78	695951.6	251572	0.109759705	0.124954	0.909745	2.32175	137.6742	0.005098	0.027287	0.026106	0.001302	0.02164	0.06308	0.071813	0.522842	1.334339	79.1231	0.00293	0.015682	0.015004	0.000748	0.012437
RIVERSIDE	2021	LHDT2	Aggregate	Aggregate	GAS	3292.647	108726.5	49055.53	0.458215314	0.668627	3.761022	0.039963	141.2574	0.12839	0	0	0.001398	0.003191	0.245035	0.357554	2.011242	0.02137	75.53873	0.068658	0	0	0.000748	0.001706
RIVERSIDE	2021	LHDT2	Aggregate	Aggregate	DSL	7676.541	267713.8	96561.22	0.109759705	0.124954	0.909745	2.321113	221.256	0.005098	0.027304	0.026123	0.002092	0.034778	0.058695	0.06682	0.486495	1.241237	118.3187	0.002726	0.014601	0.013969	0.001119	0.018598
RIVERSIDE	2021	MCY	Aggregate	Aggregate	GAS	35659.72	267522.4	71319.43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RIVERSIDE	2021	MDV	Aggregate	Aggregate	GAS	208791.4	7677993	957457.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RIVERSIDE	2021	MDV	Aggregate	Aggregate	DSL	3985.675	171354.6	19488.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RIVERSIDE	2021	MDV	Aggregate	Aggregate	ELEC	787.1077	25973.7	4035.648	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RIVERSIDE	2021	MH	Aggregate	Aggregate	GAS	6261.086	50694.81	626.359	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RIVERSIDE	2021	MH	Aggregate	Aggregate	DSL	2593.425	21461.99	259.3425	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RIVERSIDE	2021	OBUS	Aggregate	Aggregate	GAS	589.4801	27261.01	11794.32	0.745348379	1.087611	5.769077	0.065	382.4352	0.198914	0	0	0.003785	0.005507	0.12633	0.184341	0.97781	0.011017	64.81952	0.033714	0	0	0.000641	0.000933
RIVERSIDE	2021	OBUS	Aggregate	Aggregate	DSL	347.993	24855.13	3314.356	1.087356733	1.237873	11.86623	19.20508	2533.802	0.050505	0.077083	0.073748	0.023938	0.398278	0.184298	0.209809	2.011225	3.255098	429.458	0.00856	0.013065	0.0125	0.004057	0.067505
RIVERSIDE	2021	SBUS	Aggregate	Aggregate	GAS	475.4713	19228.88	1901.885	10.6396621	15.52537	82.22964	0.926404	2659.705	2.409363	0	0	0.02632	0.086396	0.334581	0.488219	2.585838	0.029132	83.63851	0.075766	0	0	0.000828	0.002717
RIVERSIDE	2021	SBUS	Aggregate	Aggregate	DSL	1131.956	35858.76	13062.61	0.279787069	0.318516	5.536054	46.7765	3732.85	0.012995	0.053748	0.051423	0.035266	0.586752	0.008798	0.010016	0.17409	1.470959	117.3852	0.000409	0.00169	0.001617	0.001109	0.018451
RIVERSIDE	2021	UBUS	Aggregate	Aggregate	GAS	163.4848	23017.82	653.9394	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RIVERSIDE	2021	UBUS	Aggregate	Aggregate	DSL	1.105798	58.5719	4.423192	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RIVERSIDE	2021	UBUS	Aggregate	Aggregate	ELEC	5.058469	271.5304	20.23388	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RIVERSIDE	2021	UBUS	Aggregate	Aggregate	NG	306.6216	41979.73	1226.486	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																		LDA, LDT1, LDT2, LHDT1, LHDT2, MCY, and MDV Composite	**0.005889**	**0.008188**	**0.048586**	**0.028059**	**3.239551**	**0.001336**	**0.000306**	**0.000293**	**0.000031**	**0.000341**

Notes:
Duration:

HHDT	109.4	min/day
MHDT	5.86	min/day
LHDT1	1.74	min/day
LHDT2	1.87	min/day
OBUS	5.9	min/day
SBUS	31.8	min/day

OFFROAD2017 (v1.0.1) Emissions Inventory
Region Type: Air Basin
Region: South Coast
Calendar Year: 2021
Scenario: All Adopted Rules - Exhaust
Vehicle Classification: OFFROAD2017 Equipment Types
Units: Emissions: tons/day, Fuel Consumption: gallons/year, Activity: hours/year, HP-Hours: HP-hours/year

Region	CalYr	VehClass	MdlYr	HP_Bin	Fuel	ROG_tpd	CO_tpd	NOx_tpd	CO2_tpd	PM10_tpd	PM2_5_tpd	SOx_tpd	NH3_tpd	Fuel_gpy	Total_Activ	Total_Activ	Total_Popu	Horsepower_Hours_hl
South Coas	2021	TRU - Insta	1993	25	Diesel	0	0	0	0	0	0	0	0	0	0	0	0	0
South Coas	2021	TRU - Insta	1994	25	Diesel	0	0	0	0	0	0	0	0	0	0	0	0	0
South Coas	2021	TRU - Insta	1995	25	Diesel	3.643E-06	1.99E-05	3.53E-05	0.000332	1.82E-06	1.67E-06	3E-09	2.73E-09	0.210578	167.0075	0.457555	0.122709	2354.805
South Coas	2021	TRU - Insta	1996	25	Diesel	6.465E-06	3.53E-05	6.26E-05	0.000589	3.22E-06	2.96E-06	5.32E-09	4.84E-09	0.373697	296.3764	0.81199	0.217764	4178.907
South Coas	2021	TRU - Insta	1997	25	Diesel	1.338E-05	7.31E-05	0.00013	0.001219	6.67E-06	6.14E-06	1.1E-08	1E-08	0.773507	613.4625	1.680719	0.450744	8649.821
South Coas	2021	TRU - Insta	1998	25	Diesel	2.992E-05	0.000164	0.00029	0.002724	1.49E-05	1.37E-05	2.46E-08	2.24E-08	1.72926	1371.462	3.75743	1.007687	19337.61
South Coas	2021	TRU - Insta	1999	25	Diesel	6.829E-05	0.000373	0.000662	0.006219	3.4E-05	3.13E-05	5.62E-08	5.11E-08	3.947293	3130.567	8.576896	2.300196	44141
South Coas	2021	TRU - Insta	2000	25	Diesel	5.67E-05	0.000332	0.000552	0.007973	3.6E-05	3.31E-05	7.28E-08	6.55E-08	5.061266	4014.05	10.9974	2.949338	56598.1
South Coas	2021	TRU - Insta	2001	25	Diesel	6.435E-05	0.000377	0.000626	0.009048	4.08E-05	3.76E-05	8.26E-08	7.43E-08	5.743386	4555.034	12.47955	3.346829	64225.98
South Coas	2021	TRU - Insta	2002	25	Diesel	7.016E-05	0.000411	0.000683	0.009865	4.45E-05	4.1E-05	9.01E-08	8.11E-08	6.261858	4966.23	13.60611	3.648957	70023.85
South Coas	2021	TRU - Insta	2003	25	Diesel	0.000164	0.000961	0.001596	0.023064	0.000104	9.58E-05	2.11E-07	1.9E-07	14.63989	11610.78	31.81035	8.531064	163712
South Coas	2021	TRU - Insta	2004	25	Diesel	0.000328	0.001921	0.003191	0.046123	0.000208	0.000192	4.21E-07	3.79E-07	29.27705	23219.39	63.61478	17.06054	327393.5
South Coas	2021	TRU - Insta	2005	25	Diesel	0.0004493	0.003652	0.00436	0.087668	0.00032	0.000294	8.05E-07	7.2E-07	55.64872	44134.56	120.9166	32.42804	622297.3
South Coas	2021	TRU - Insta	2006	25	Diesel	0.0005885	0.004783	0.005711	0.114831	0.000419	0.000386	1.05E-06	9.44E-07	72.89053	57808.9	158.3805	42.47531	815105.4
South Coas	2021	TRU - Insta	2007	25	Diesel	0.0006307	0.005127	0.006121	0.123079	0.000449	0.000413	1.13E-06	1.01E-06	78.12634	61961.38	169.7572	45.52636	873655.4
South Coas	2021	TRU - Insta	2008	25	Diesel	0.001711	0.013908	0.016605	0.33388	0.000609	0.00056	3.07E-06	2.74E-06	211.9349	168083.9	460.5037	123.5003	2369982
South Coas	2021	TRU - Insta	2009	25	Diesel	0.0006291	0.005114	0.006105	0.122763	0.000224	0.000206	1.13E-06	1.01E-06	77.92544	61802.05	169.3207	45.4093	871408.9
South Coas	2021	TRU - Insta	2010	25	Diesel	0.0007359	0.005982	0.007142	0.143602	0.000262	0.000241	1.32E-06	1.18E-06	91.15314	72292.84	198.0626	53.11744	1019329
South Coas	2021	TRU - Insta	2011	25	Diesel	0.0010461	0.008503	0.010152	0.204134	0.000397	0.000365	1.87E-06	1.68E-06	129.5771	102766.6	281.5522	75.50812	1449008
South Coas	2021	TRU - Insta	2012	25	Diesel	0.0027064	0.021999	0.026264	0.52811	0.001026	0.000944	4.85E-06	4.34E-06	335.225	265864.3	728.3953	195.3448	3748686
South Coas	2021	TRU - Insta	2013	25	Diesel	0.0012147	0.009873	0.011788	0.237024	0.000461	0.000424	2.18E-06	1.95E-06	150.4543	119324.1	326.9153	87.67383	1682470
South Coas	2021	TRU - Insta	2014	25	Diesel	0.0026107	0.021221	0.025336	0.509447	0.00099	0.000911	4.68E-06	4.19E-06	323.3783	256468.8	702.6542	188.4414	3616210
South Coas	2021	TRU - Insta	2015	25	Diesel	0.0046052	0.037433	0.044691	0.898635	0.001746	0.001607	8.25E-06	7.38E-06	570.4211	452396.4	1239.442	332.4	6378790
South Coas	2021	TRU - Insta	2016	25	Diesel	0.0028866	0.023464	0.028013	0.56328	0.001095	0.001007	5.17E-06	4.63E-06	357.55	283570.1	776.9043	208.3542	3998338
South Coas	2021	TRU - Insta	2017	25	Diesel	0.0031027	0.025221	0.030111	0.605456	0.001177	0.001082	5.56E-06	4.97E-06	384.3215	304802.3	835.0748	223.9547	4297713
South Coas	2021	TRU - Insta	2018	25	Diesel	0.0033931	0.027581	0.032929	0.662119	0.001287	0.001184	6.08E-06	5.44E-06	420.2891	333328	913.2273	244.914	4699924
South Coas	2021	TRU - Insta	2019	25	Diesel	0.0050175	0.040785	0.048693	0.979096	0.001903	0.00175	8.99E-06	8.04E-06	621.4948	492902.6	1350.418	362.1621	6949926
South Coas	2021	TRU - Insta	2020	25	Diesel	0.0036139	0.029376	0.035072	0.705211	0.00137	0.001261	6.47E-06	5.79E-06	447.6422	355021.5	972.6616	260.8534	5005803

ROG	CO	Nox	CO2	PM10	PM2.5	Osx	NH3
tons/hr/TRU	tons/hr/TR	tons/hr/TR	tons/hr/TR	tons/hr/TR	tons/hr/TR	tons/hr/TR	tons/hr/TRU
3.26E-07	2.65E-06	3.16E-06	6.36E-05	1.24E-07	1.14E-07	5.84E-10	5.23E-10
lb/hr/TRU	lb/hr/TRU	lb/hr/TRU	lb/hr/TRU	lb/hr/TRU	lb/hr/TRU	lb/hr/TRU	lb/hr/TRU
6.52E-04	5.30E-03	6.33E-03	1.27E-01	2.49E-04	2.29E-04	1.17E-06	1.05E-06

Costco Mitigated 32 pump

Riverside-South Coast County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Parking Lot	799.00	Space	7.19	319,600.00	0
Discount Club	153.36	1000sqft	3.52	153,362.00	0
Gasoline/Service Station	32.00	Pump	0.10	4,517.60	0

1.2 Other Project Characteristics

Urbanization	Rural	**Wind Speed (m/s)**	2.4	**Precipitation Freq (Days)**	28
Climate Zone	10			**Operational Year**	2021
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	573.36	**CH4 Intensity (lb/MWhr)**	0.024	**N2O Intensity (lb/MWhr)**	0.005

1.3 User Entered Comments & Non-Default Data

Project Characteristics - RPS

Land Use -

Construction Phase - Schedule provided by applicant.

Off-road Equipment -

Off-road Equipment - data provided by applicant

Off-road Equipment -

Trips and VMT - 67300 cy soil export / 16 cy per truck = 4,206.25 round trips x 2 = 8,413 one-way trips

Grading - Grading

Architectural Coating - VOC limit rule

Vehicle Trips - Calculated in excel

Area Coating - VOC rule limit

Energy Use -

Water And Wastewater - Assume 100% aerobic. Water rates from EMWDs Water System Planning & Design Principle Guidelines Criteria Handbook (EMWD 2007).

Solid Waste -

Construction Off-road Equipment Mitigation - Dust control measures. MM Tier 4 Final off-road equipment > 75 hp.

Area Mitigation -

Energy Mitigation -

Water Mitigation -

Waste Mitigation -

Operational Off-Road Equipment - Project specific

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	100.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	100.00	50.00
tblAreaCoating	Area_EF_Nonresidential_Exterior	100	50
tblAreaCoating	Area_EF_Nonresidential_Interior	100	50
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	26

Costco Mitigated 32 pump - Riverside-South Coast County, Summer

tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	10.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	10.00	43.00
tblConstructionPhase	NumDays	30.00	136.00
tblConstructionPhase	NumDays	300.00	91.00
tblConstructionPhase	NumDays	20.00	19.00

tblConstructionPhase	NumDays	20.00	37.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblGrading	AcresOfGrading	68.00	18.16
tblGrading	MaterialExported	0.00	67,300.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
tblOperationalOffRoadEquipment	OperDaysPerYear	260.00	365.00
tblOperationalOffRoadEquipment	OperFuelType	Diesel	CNG
tblOperationalOffRoadEquipment	OperOffRoadEquipmentNumber	0.00	3.00
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.024
tblProjectCharacteristics	CO2IntensityFactor	702.44	573.36
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.005
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblTripsAndVMT	VendorTripNumber	78.00	66.00
tblTripsAndVMT	WorkerTripNumber	185.00	154.00
tblTripsAndVMT	WorkerTripNumber	37.00	31.00
tblVehicleTrips	ST_TR	53.75	0.00
tblVehicleTrips	ST_TR	168.56	0.00
tblVehicleTrips	SU_TR	33.67	0.00
tblVehicleTrips	SU_TR	168.56	0.00
tblVehicleTrips	WD_TR	41.80	0.00
tblVehicleTrips	WD_TR	168.56	0.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00

tblWater	AerobicPercent	87.46	100.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	IndoorWaterUseRate	11,359,761.89	10,201,020.00
tblWater	IndoorWaterUseRate	425,020.45	0.00
tblWater	OutdoorWaterUseRate	6,962,434.71	3,000,300.00
tblWater	OutdoorWaterUseRate	260,496.40	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	7.0321	83.5810	44.9535	0.1477	26.6657	3.5204	30.1861	13.8890	3.2405	17.1295	0.0000	14,919.4269	14,919.4269	2.4309	0.0000	14,970.7228
2021	30.5688	77.1818	62.2417	0.1786	11.8706	2.9630	14.8336	4.8358	2.7549	7.5906	0.0000	17,913.0706	17,913.0706	2.7690	0.0000	17,982.2962
Maximum	**30.5688**	**83.5810**	**62.2417**	**0.1786**	**26.6657**	**3.5204**	**30.1861**	**13.8890**	**3.2405**	**17.1295**	**0.0000**	**17,913.0706**	**17,913.0706**	**2.7690**	**0.0000**	**17,982.2962**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	2.5721	26.8079	47.5351	0.1477	11.3157	0.2788	11.4758	5.6665	0.2737	5.8243	0.0000	14,919.4269	14,919.4269	2.4309	0.0000	14,970.7228
2021	26.1631	26.2245	67.9012	0.1786	6.8196	0.2744	7.0940	2.4939	0.2706	2.7645	0.0000	17,913.0706	17,913.0706	2.7690	0.0000	17,982.2961
Maximum	**26.1631**	**26.8079**	**67.9012**	**0.1786**	**11.3157**	**0.2788**	**11.4758**	**5.6665**	**0.2737**	**5.8243**	**0.0000**	**17,913.0706**	**17,913.0706**	**2.7690**	**0.0000**	**17,982.2961**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**23.58**	**67.01**	**-7.69**	**0.00**	**52.94**	**91.47**	**58.75**	**56.42**	**90.92**	**65.26**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	3.4735	9.3000e-004	0.1009	1.0000e-005		3.6000e-004	3.6000e-004		3.6000e-004	3.6000e-004		0.2154	0.2154	5.7000e-004		0.2297
Energy	0.0144	0.1309	0.1099	7.9000e-004		9.9500e-003	9.9500e-003		9.9500e-003	9.9500e-003		157.0477	157.0477	3.0100e-003	2.8800e-003	157.9810
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Offroad	0.3880	3.5374	3.5036	4.5800e-003		0.2511	0.2511		0.2310	0.2310		444.0925	444.0925	0.1436		447.6832
Total	**3.8759**	**3.6692**	**3.7144**	**5.3800e-003**	**0.0000**	**0.2614**	**0.2614**	**0.0000**	**0.2413**	**0.2413**		**601.3556**	**601.3556**	**0.1472**	**2.8800e-003**	**605.8939**

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	3.4735	9.3000e-004	0.1009	1.0000e-005		3.6000e-004	3.6000e-004		3.6000e-004	3.6000e-004		0.2154	0.2154	5.7000e-004		0.2297
Energy	0.0144	0.1309	0.1099	7.9000e-004		9.9500e-003	9.9500e-003		9.9500e-003	9.9500e-003		157.0477	157.0477	3.0100e-003	2.8800e-003	157.9810
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Offroad	0.3880	3.5374	3.5036	4.5800e-003		0.2511	0.2511		0.2310	0.2310		444.0925	444.0925	0.1436		447.6832
Total	**3.8759**	**3.6692**	**3.7144**	**5.3800e-003**	**0.0000**	**0.2614**	**0.2614**	**0.0000**	**0.2413**	**0.2413**		**601.3556**	**601.3556**	**0.1472**	**2.8800e-003**	**605.8939**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	9/28/2020	11/16/2020	6	43	
2	Grading	Grading	9/28/2020	4/5/2021	5	136	
3	Building Construction	Building Construction	11/30/2020	3/15/2021	6	91	
4	Paving	Paving	1/11/2021	2/1/2021	6	19	
5	Architectural Coating	Architectural Coating	1/25/2021	3/8/2021	6	37	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 18.16

Acres of Paving: 7.19

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 236,819; Non-Residential Outdoor: 78,940; Striped Parking Area: 19,176 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	1	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	7	18.00	0.00	0.00	19.80	7.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	6	15.00	0.00	8,413.00	19.80	7.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	154.00	66.00	0.00	19.80	7.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	19.80	7.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	31.00	0.00	0.00	19.80	7.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Use Soil Stabilizer

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

3.2 Site Preparation - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	4.0765	42.4173	21.5136	0.0380		2.1974	2.1974		2.0216	2.0216		3,685.1016	3,685.1016	1.1918		3,714.8975
Total	**4.0765**	**42.4173**	**21.5136**	**0.0380**	**18.0663**	**2.1974**	**20.2637**	**9.9307**	**2.0216**	**11.9523**		**3,685.1016**	**3,685.1016**	**1.1918**		**3,714.8975**

3.2 Site Preparation - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1138	0.0710	0.9516	2.6700e-003	0.2709	1.6000e-003	0.2725	0.0719	1.4700e-003	0.0733		265.6599	265.6599	6.7100e-003		265.8277
Total	**0.1138**	**0.0710**	**0.9516**	**2.6700e-003**	**0.2709**	**1.6000e-003**	**0.2725**	**0.0719**	**1.4700e-003**	**0.0733**		**265.6599**	**265.6599**	**6.7100e-003**		**265.8277**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	0.4656	2.0175	20.8690	0.0380		0.0621	0.0621		0.0621	0.0621	0.0000	3,685.1016	3,685.1016	1.1918		3,714.8975
Total	**0.4656**	**2.0175**	**20.8690**	**0.0380**	**7.0458**	**0.0621**	**7.1079**	**3.8730**	**0.0621**	**3.9351**	**0.0000**	**3,685.1016**	**3,685.1016**	**1.1918**		**3,714.8975**

3.2 Site Preparation - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1138	0.0710	0.9516	2.6700e-003	0.2097	1.6000e-003	0.2113	0.0568	1.4700e-003	0.0583		265.6599	265.6599	6.7100e-003		265.8277
Total	**0.1138**	**0.0710**	**0.9516**	**2.6700e-003**	**0.2097**	**1.6000e-003**	**0.2113**	**0.0568**	**1.4700e-003**	**0.0583**		**265.6599**	**265.6599**	**6.7100e-003**		**265.8277**

3.3 Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.2264	0.0000	6.2264	3.3350	0.0000	3.3350			0.0000			0.0000
Off-Road	2.4288	26.3859	16.0530	0.0297		1.2734	1.2734		1.1716	1.1716		2,872.4851	2,872.4851	0.9290		2,895.7106
Total	**2.4288**	**26.3859**	**16.0530**	**0.0297**	**6.2264**	**1.2734**	**7.4998**	**3.3350**	**1.1716**	**4.5066**		**2,872.4851**	**2,872.4851**	**0.9290**		**2,895.7106**

3.3 Grading - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3181	14.6477	1.8073	0.0471	1.8763	0.0467	1.9230	0.4916	0.0447	0.5362		4,996.8721	4,996.8721	0.2978		5,004.3166
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0949	0.0592	0.7930	2.2200e-003	0.2258	1.3300e-003	0.2271	0.0599	1.2300e-003	0.0611		221.3832	221.3832	5.5900e-003		221.5231
Total	**0.4130**	**14.7068**	**2.6003**	**0.0493**	**2.1021**	**0.0480**	**2.1501**	**0.5515**	**0.0459**	**0.5973**		**5,218.2553**	**5,218.2553**	**0.3034**		**5,225.8397**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.4283	0.0000	2.4283	1.3007	0.0000	1.3007			0.0000			0.0000
Off-Road	0.3632	1.5737	17.7527	0.0297		0.0484	0.0484		0.0484	0.0484	0.0000	2,872.4851	2,872.4851	0.9290		2,895.7106
Total	**0.3632**	**1.5737**	**17.7527**	**0.0297**	**2.4283**	**0.0484**	**2.4767**	**1.3007**	**0.0484**	**1.3491**	**0.0000**	**2,872.4851**	**2,872.4851**	**0.9290**		**2,895.7106**

3.3 Grading - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3181	14.6477	1.8073	0.0471	1.4572	0.0467	1.5039	0.3887	0.0447	0.4334		4,996.8721	4,996.8721	0.2978		5,004.3166
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0949	0.0592	0.7930	2.2200e-003	0.1747	1.3300e-003	0.1761	0.0473	1.2300e-003	0.0486		221.3832	221.3832	5.5900e-003		221.5231
Total	**0.4130**	**14.7068**	**2.6003**	**0.0493**	**1.6319**	**0.0480**	**1.6799**	**0.4361**	**0.0459**	**0.4819**		**5,218.2553**	**5,218.2553**	**0.3034**		**5,225.8397**

3.3 Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.2264	0.0000	6.2264	3.3350	0.0000	3.3350			0.0000			0.0000
Off-Road	2.2903	24.7367	15.8575	0.0296		1.1599	1.1599		1.0671	1.0671		2,871.9285	2,871.9285	0.9288		2,895.1495
Total	**2.2903**	**24.7367**	**15.8575**	**0.0296**	**6.2264**	**1.1599**	**7.3863**	**3.3350**	**1.0671**	**4.4021**		**2,871.9285**	**2,871.9285**	**0.9288**		**2,895.1495**

3.3 Grading - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3011	13.4457	1.7681	0.0466	1.9244	0.0409	1.9653	0.5034	0.0392	0.5425		4,944.7101	4,944.7101	0.2872		4,951.8902
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0885	0.0531	0.7275	2.1500e-003	0.2258	1.3000e-003	0.2271	0.0599	1.2000e-003	0.0611		213.9763	213.9763	5.0300e-003		214.1021
Total	**0.3896**	**13.4989**	**2.4956**	**0.0487**	**2.1501**	**0.0422**	**2.1924**	**0.5632**	**0.0404**	**0.6036**		**5,158.6864**	**5,158.6864**	**0.2922**		**5,165.9923**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.4283	0.0000	2.4283	1.3007	0.0000	1.3007			0.0000			0.0000
Off-Road	0.3632	1.5737	17.7527	0.0296		0.0484	0.0484		0.0484	0.0484	0.0000	2,871.9285	2,871.9285	0.9288		2,895.1495
Total	**0.3632**	**1.5737**	**17.7527**	**0.0296**	**2.4283**	**0.0484**	**2.4767**	**1.3007**	**0.0484**	**1.3491**	**0.0000**	**2,871.9285**	**2,871.9285**	**0.9288**		**2,895.1495**

3.3 Grading - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3011	13.4457	1.7681	0.0466	1.4927	0.0409	1.5337	0.3974	0.0392	0.4366		4,944.7101	4,944.7101	0.2872		4,951.8902
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0885	0.0531	0.7275	2.1500e-003	0.1747	1.3000e-003	0.1760	0.0473	1.2000e-003	0.0485		213.9763	213.9763	5.0300e-003		214.1021
Total	**0.3896**	**13.4989**	**2.4956**	**0.0487**	**1.6675**	**0.0422**	**1.7097**	**0.4448**	**0.0404**	**0.4851**		**5,158.6864**	**5,158.6864**	**0.2922**		**5,165.9923**

3.4 Building Construction - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.1198	19.1860	16.8485	0.0269		1.1171	1.1171		1.0503	1.0503		2,553.0631	2,553.0631	0.6229		2,568.6345
Total	**2.1198**	**19.1860**	**16.8485**	**0.0269**		**1.1171**	**1.1171**		**1.0503**	**1.0503**		**2,553.0631**	**2,553.0631**	**0.6229**		**2,568.6345**

3.4 Building Construction - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1959	7.1178	1.3105	0.0190	0.4836	0.0439	0.5276	0.1392	0.0420	0.1813		2,002.7557	2,002.7557	0.1392		2,006.2346
Worker	0.9740	0.6076	8.1412	0.0228	2.3180	0.0137	2.3317	0.6147	0.0126	0.6273		2,272.8677	2,272.8677	0.0574		2,274.3034
Total	**1.1698**	**7.7254**	**9.4517**	**0.0418**	**2.8017**	**0.0576**	**2.8593**	**0.7539**	**0.0547**	**0.8086**		**4,275.6234**	**4,275.6234**	**0.1966**		**4,280.5380**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6261	2.8021	17.7304	0.0269		0.1248	0.1248		0.1248	0.1248	0.0000	2,553.0631	2,553.0631	0.6229		2,568.6345
Total	**0.6261**	**2.8021**	**17.7304**	**0.0269**		**0.1248**	**0.1248**		**0.1248**	**0.1248**	**0.0000**	**2,553.0631**	**2,553.0631**	**0.6229**		**2,568.6345**

3.4 Building Construction - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1959	7.1178	1.3105	0.0190	0.3940	0.0439	0.4380	0.1172	0.0420	0.1593		2,002.7557	2,002.7557	0.1392		2,006.2346
Worker	0.9740	0.6076	8.1412	0.0228	1.7940	0.0137	1.8077	0.4861	0.0126	0.4987		2,272.8677	2,272.8677	0.0574		2,274.3034
Total	**1.1698**	**7.7254**	**9.4517**	**0.0418**	**2.1880**	**0.0576**	**2.2456**	**0.6033**	**0.0547**	**0.6579**		**4,275.6234**	**4,275.6234**	**0.1966**		**4,280.5380**

3.4 Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013		2,553.3639	2,553.3639	0.6160		2,568.7643
Total	**1.9009**	**17.4321**	**16.5752**	**0.0269**		**0.9586**	**0.9586**		**0.9013**	**0.9013**		**2,553.3639**	**2,553.3639**	**0.6160**		**2,568.7643**

3.4 Building Construction - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1627	6.3597	1.1433	0.0189	0.4836	0.0131	0.4968	0.1392	0.0126	0.1518		1,987.4154	1,987.4154	0.1317		1,990.7072
Worker	0.9083	0.5455	7.4685	0.0221	2.3180	0.0133	2.3314	0.6147	0.0123	0.6270		2,196.8235	2,196.8235	0.0517		2,198.1149
Total	**1.0710**	**6.9053**	**8.6118**	**0.0409**	**2.8017**	**0.0265**	**2.8281**	**0.7539**	**0.0248**	**0.7787**		**4,184.2389**	**4,184.2389**	**0.1833**		**4,188.8221**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5867	2.7396	17.6822	0.0269		0.1120	0.1120		0.1120	0.1120	0.0000	2,553.3639	2,553.3639	0.6160		2,568.7643
Total	**0.5867**	**2.7396**	**17.6822**	**0.0269**		**0.1120**	**0.1120**		**0.1120**	**0.1120**	**0.0000**	**2,553.3639**	**2,553.3639**	**0.6160**		**2,568.7643**

3.4 Building Construction - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1627	6.3597	1.1433	0.0189	0.3940	0.0131	0.4071	0.1172	0.0126	0.1298		1,987.4154	1,987.4154	0.1317		1,990.7072
Worker	0.9083	0.5455	7.4685	0.0221	1.7940	0.0133	1.8073	0.4861	0.0123	0.4983		2,196.8235	2,196.8235	0.0517		2,198.1149
Total	**1.0710**	**6.9053**	**8.6118**	**0.0409**	**2.1880**	**0.0265**	**2.2144**	**0.6033**	**0.0248**	**0.6281**		**4,184.2389**	**4,184.2389**	**0.1833**		**4,188.8221**

3.5 Paving - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2556	12.9191	14.6532	0.0228		0.6777	0.6777		0.6235	0.6235		2,207.2109	2,207.2109	0.7139		2,225.0573
Paving	0.9915					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**2.2470**	**12.9191**	**14.6532**	**0.0228**		**0.6777**	**0.6777**		**0.6235**	**0.6235**		**2,207.2109**	**2,207.2109**	**0.7139**		**2,225.0573**

3.5 Paving - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0885	0.0531	0.7275	2.1500e-003	0.2258	1.3000e-003	0.2271	0.0599	1.2000e-003	0.0611		213.9763	213.9763	5.0300e-003		214.1021
Total	**0.0885**	**0.0531**	**0.7275**	**2.1500e-003**	**0.2258**	**1.3000e-003**	**0.2271**	**0.0599**	**1.2000e-003**	**0.0611**		**213.9763**	**213.9763**	**5.0300e-003**		**214.1021**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2805	1.2154	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.2109	2,207.2109	0.7139		2,225.0573
Paving	0.9915					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.2719**	**1.2154**	**17.2957**	**0.0228**		**0.0374**	**0.0374**		**0.0374**	**0.0374**	**0.0000**	**2,207.2109**	**2,207.2109**	**0.7139**		**2,225.0573**

3.5 Paving - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0885	0.0531	0.7275	2.1500e-003	0.1747	1.3000e-003	0.1760	0.0473	1.2000e-003	0.0485		213.9763	213.9763	5.0300e-003		214.1021
Total	**0.0885**	**0.0531**	**0.7275**	**2.1500e-003**	**0.1747**	**1.3000e-003**	**0.1760**	**0.0473**	**1.2000e-003**	**0.0485**		**213.9763**	**213.9763**	**5.0300e-003**		**214.1021**

3.6 Architectural Coating - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	22.1798					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941		281.4481	281.4481	0.0193		281.9309
Total	**22.3987**	**1.5268**	**1.8176**	**2.9700e-003**		**0.0941**	**0.0941**		**0.0941**	**0.0941**		**281.4481**	**281.4481**	**0.0193**		**281.9309**

3.6 Architectural Coating - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1828	0.1098	1.5034	4.4400e-003	0.4666	2.6800e-003	0.4693	0.1237	2.4700e-003	0.1262		442.2177	442.2177	0.0104		442.4777
Total	**0.1828**	**0.1098**	**1.5034**	**4.4400e-003**	**0.4666**	**2.6800e-003**	**0.4693**	**0.1237**	**2.4700e-003**	**0.1262**		**442.2177**	**442.2177**	**0.0104**		**442.4777**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	22.1798					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0193		281.9309
Total	**22.2095**	**0.1288**	**1.8324**	**2.9700e-003**		**3.9600e-003**	**3.9600e-003**		**3.9600e-003**	**3.9600e-003**	**0.0000**	**281.4481**	**281.4481**	**0.0193**		**281.9309**

3.6 Architectural Coating - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1828	0.1098	1.5034	4.4400e-003	0.3611	2.6800e-003	0.3638	0.0978	2.4700e-003	0.1003		442.2177	442.2177	0.0104		442.4777
Total	**0.1828**	**0.1098**	**1.5034**	**4.4400e-003**	**0.3611**	**2.6800e-003**	**0.3638**	**0.0978**	**2.4700e-003**	**0.1003**		**442.2177**	**442.2177**	**0.0104**		**442.4777**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Discount Club	0.00	0.00	0.00		
Gasoline/Service Station	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Discount Club	18.50	10.10	7.90	16.70	64.30	19.00	45	40	15
Gasoline/Service Station	18.50	10.10	7.90	2.00	79.00	19.00	14	27	59
Parking Lot	18.50	10.10	7.90	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Discount Club	0.542116	0.037578	0.185203	0.118503	0.016241	0.005141	0.017392	0.068695	0.001383	0.001183	0.004582	0.000945	0.001038
Gasoline/Service Station	0.542116	0.037578	0.185203	0.118503	0.016241	0.005141	0.017392	0.068695	0.001383	0.001183	0.004582	0.000945	0.001038
Parking Lot	0.542116	0.037578	0.185203	0.118503	0.016241	0.005141	0.017392	0.068695	0.001383	0.001183	0.004582	0.000945	0.001038

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Install High Efficiency Lighting

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0144	0.1309	0.1099	7.9000e-004		9.9500e-003	9.9500e-003		9.9500e-003	9.9500e-003		157.0477	157.0477	3.0100e-003	2.8800e-003	157.9810
NaturalGas Unmitigated	0.0144	0.1309	0.1099	7.9000e-004		9.9500e-003	9.9500e-003		9.9500e-003	9.9500e-003		157.0477	157.0477	3.0100e-003	2.8800e-003	157.9810

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Discount Club	932.777	0.0101	0.0915	0.0768	5.5000e-004		6.9500e-003	6.9500e-003		6.9500e-003	6.9500e-003		109.7385	109.7385	2.1000e-003	2.0100e-003	110.3906
Gasoline/Service Station	402.128	4.3400e-003	0.0394	0.0331	2.4000e-004		3.0000e-003	3.0000e-003		3.0000e-003	3.0000e-003		47.3092	47.3092	9.1000e-004	8.7000e-004	47.5903
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0144**	**0.1309**	**0.1099**	**7.9000e-004**		**9.9500e-003**	**9.9500e-003**		**9.9500e-003**	**9.9500e-003**		**157.0477**	**157.0477**	**3.0100e-003**	**2.8800e-003**	**157.9809**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Discount Club	0.932777	0.0101	0.0915	0.0768	5.5000e-004		6.9500e-003	6.9500e-003		6.9500e-003	6.9500e-003		109.7385	109.7385	2.1000e-003	2.0100e-003	110.3906
Gasoline/Service Station	0.402128	4.3400e-003	0.0394	0.0331	2.4000e-004		3.0000e-003	3.0000e-003		3.0000e-003	3.0000e-003		47.3092	47.3092	9.1000e-004	8.7000e-004	47.5903
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0144**	**0.1309**	**0.1099**	**7.9000e-004**		**9.9500e-003**	**9.9500e-003**		**9.9500e-003**	**9.9500e-003**		**157.0477**	**157.0477**	**3.0100e-003**	**2.8800e-003**	**157.9809**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	3.4735	9.3000e-004	0.1009	1.0000e-005		3.6000e-004	3.6000e-004		3.6000e-004	3.6000e-004		0.2154	0.2154	5.7000e-004		0.2297
Unmitigated	3.4735	9.3000e-004	0.1009	1.0000e-005		3.6000e-004	3.6000e-004		3.6000e-004	3.6000e-004		0.2154	0.2154	5.7000e-004		0.2297

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.2248					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	3.2392					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	9.4200e-003	9.3000e-004	0.1009	1.0000e-005		3.6000e-004	3.6000e-004		3.6000e-004	3.6000e-004		0.2154	0.2154	5.7000e-004		0.2297
Total	**3.4735**	**9.3000e-004**	**0.1009**	**1.0000e-005**		**3.6000e-004**	**3.6000e-004**		**3.6000e-004**	**3.6000e-004**		**0.2154**	**0.2154**	**5.7000e-004**		**0.2297**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.2248					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	3.2392					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	9.4200e-003	9.3000e-004	0.1009	1.0000e-005		3.6000e-004	3.6000e-004		3.6000e-004	3.6000e-004		0.2154	0.2154	5.7000e-004		0.2297
Total	**3.4735**	**9.3000e-004**	**0.1009**	**1.0000e-005**		**3.6000e-004**	**3.6000e-004**		**3.6000e-004**	**3.6000e-004**		**0.2154**	**0.2154**	**5.7000e-004**		**0.2297**

7.0 Water Detail

7.1 Mitigation Measures Water

Install Low Flow Bathroom Faucet

Install Low Flow Toilet

Use Water Efficient Irrigation System

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
Forklifts	3	8.00	365	89	0.20	CNG

UnMitigated/Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Equipment Type	lb/day										lb/day					
Forklifts	0.3880	3.5374	3.5036	4.5800e-003		0.2511	0.2511		0.2310	0.2310		444.0925	444.0925	0.1436		447.6832
Total	**0.3880**	**3.5374**	**3.5036**	**4.5800e-003**		**0.2511**	**0.2511**		**0.2310**	**0.2310**		**444.0925**	**444.0925**	**0.1436**		**447.6832**

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Costco Mitigated 32 pump

Riverside-South Coast County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Parking Lot	799.00	Space	7.19	319,600.00	0
Discount Club	153.36	1000sqft	3.52	153,362.00	0
Gasoline/Service Station	32.00	Pump	0.10	4,517.60	0

1.2 Other Project Characteristics

Urbanization	Rural	**Wind Speed (m/s)**	2.4	**Precipitation Freq (Days)**	28
Climate Zone	10			**Operational Year**	2021
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	573.36	**CH4 Intensity (lb/MWhr)**	0.024	**N2O Intensity (lb/MWhr)**	0.005

1.3 User Entered Comments & Non-Default Data

Project Characteristics - RPS

Land Use -

Construction Phase - Schedule provided by applicant.

Off-road Equipment -

Off-road Equipment - data provided by applicant

Off-road Equipment -

Trips and VMT - 67300 cy soil export / 16 cy per truck = 4,206.25 round trips x 2 = 8,413 one-way trips

Grading - Grading

Architectural Coating - VOC limit rule

Vehicle Trips - Calculated in excel

Area Coating - VOC rule limit

Energy Use -

Water And Wastewater - Assume 100% aerobic. Water rates from EMWDs Water System Planning & Design Principle Guidelines Criteria Handbook (EMWD 2007).

Solid Waste -

Construction Off-road Equipment Mitigation - Dust control measures. MM Tier 4 Final off-road equipment > 75 hp.

Area Mitigation -

Energy Mitigation -

Water Mitigation -

Waste Mitigation -

Operational Off-Road Equipment - Project specific

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	100.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	100.00	50.00
tblAreaCoating	Area_EF_Nonresidential_Exterior	100	50
tblAreaCoating	Area_EF_Nonresidential_Interior	100	50
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	26

tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	10.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
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tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	10.00	43.00
tblConstructionPhase	NumDays	30.00	136.00
tblConstructionPhase	NumDays	300.00	91.00
tblConstructionPhase	NumDays	20.00	19.00

tblConstructionPhase	NumDays	20.00	37.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblGrading	AcresOfGrading	68.00	18.16
tblGrading	MaterialExported	0.00	67,300.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
tblOperationalOffRoadEquipment	OperDaysPerYear	260.00	365.00
tblOperationalOffRoadEquipment	OperFuelType	Diesel	CNG
tblOperationalOffRoadEquipment	OperOffRoadEquipmentNumber	0.00	3.00
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.024
tblProjectCharacteristics	CO2IntensityFactor	702.44	573.36
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.005
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblTripsAndVMT	VendorTripNumber	78.00	66.00
tblTripsAndVMT	WorkerTripNumber	185.00	154.00
tblTripsAndVMT	WorkerTripNumber	37.00	31.00
tblVehicleTrips	ST_TR	53.75	0.00
tblVehicleTrips	ST_TR	168.56	0.00
tblVehicleTrips	SU_TR	33.67	0.00
tblVehicleTrips	SU_TR	168.56	0.00
tblVehicleTrips	WD_TR	41.80	0.00
tblVehicleTrips	WD_TR	168.56	0.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00

tblWater	AerobicPercent	87.46	100.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	IndoorWaterUseRate	11,359,761.89	10,201,020.00
tblWater	IndoorWaterUseRate	425,020.45	0.00
tblWater	OutdoorWaterUseRate	6,962,434.71	3,000,300.00
tblWater	OutdoorWaterUseRate	260,496.40	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	7.0488	83.7136	43.6883	0.1433	26.6657	3.5211	30.1868	13.8890	3.2412	17.1302	0.0000	14,468.5203	14,468.5203	2.4574	0.0000	14,520.6897
2021	30.5981	77.2597	60.6332	0.1735	11.8706	2.9640	14.8345	4.8358	2.7558	7.5915	0.0000	17,404.2859	17,404.2859	2.8010	0.0000	17,474.3095
Maximum	**30.5981**	**83.7136**	**60.6332**	**0.1735**	**26.6657**	**3.5211**	**30.1868**	**13.8890**	**3.2412**	**17.1302**	**0.0000**	**17,404.2859**	**17,404.2859**	**2.8010**	**0.0000**	**17,474.3095**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	2.5997	26.9407	46.2699	0.1433	11.3157	0.2799	11.4765	5.6665	0.2748	5.8250	0.0000	14,468.5203	14,468.5203	2.4574	0.0000	14,520.6897
2021	26.1924	26.3024	66.2927	0.1735	6.8196	0.2754	7.0949	2.4939	0.2715	2.7654	0.0000	17,404.2859	17,404.2859	2.8010	0.0000	17,474.3094
Maximum	**26.1924**	**26.9407**	**66.2927**	**0.1735**	**11.3157**	**0.2799**	**11.4765**	**5.6665**	**0.2748**	**5.8250**	**0.0000**	**17,404.2859**	**17,404.2859**	**2.8010**	**0.0000**	**17,474.3094**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**23.52**	**66.92**	**-7.90**	**0.00**	**52.94**	**91.44**	**58.75**	**56.42**	**90.89**	**65.25**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	3.4735	9.3000e-004	0.1009	1.0000e-005		3.6000e-004	3.6000e-004		3.6000e-004	3.6000e-004		0.2154	0.2154	5.7000e-004		0.2297
Energy	0.0144	0.1309	0.1099	7.9000e-004		9.9500e-003	9.9500e-003		9.9500e-003	9.9500e-003		157.0477	157.0477	3.0100e-003	2.8800e-003	157.9810
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Offroad	0.3880	3.5374	3.5036	4.5800e-003		0.2511	0.2511		0.2310	0.2310		444.0925	444.0925	0.1436		447.6832
Total	**3.8759**	**3.6692**	**3.7144**	**5.3800e-003**	**0.0000**	**0.2614**	**0.2614**	**0.0000**	**0.2413**	**0.2413**		**601.3556**	**601.3556**	**0.1472**	**2.8800e-003**	**605.8939**

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	3.4735	9.3000e-004	0.1009	1.0000e-005		3.6000e-004	3.6000e-004		3.6000e-004	3.6000e-004		0.2154	0.2154	5.7000e-004		0.2297
Energy	0.0144	0.1309	0.1099	7.9000e-004		9.9500e-003	9.9500e-003		9.9500e-003	9.9500e-003		157.0477	157.0477	3.0100e-003	2.8800e-003	157.9810
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Offroad	0.3880	3.5374	3.5036	4.5800e-003		0.2511	0.2511		0.2310	0.2310		444.0925	444.0925	0.1436		447.6832
Total	**3.8759**	**3.6692**	**3.7144**	**5.3800e-003**	**0.0000**	**0.2614**	**0.2614**	**0.0000**	**0.2413**	**0.2413**		**601.3556**	**601.3556**	**0.1472**	**2.8800e-003**	**605.8939**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	9/28/2020	11/16/2020	6	43	
2	Grading	Grading	9/28/2020	4/5/2021	5	136	
3	Building Construction	Building Construction	11/30/2020	3/15/2021	6	91	
4	Paving	Paving	1/11/2021	2/1/2021	6	19	
5	Architectural Coating	Architectural Coating	1/25/2021	3/8/2021	6	37	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 18.16

Acres of Paving: 7.19

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 236,819; Non-Residential Outdoor: 78,940; Striped Parking Area: 19,176 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	1	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	7	18.00	0.00	0.00	19.80	7.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	6	15.00	0.00	8,413.00	19.80	7.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	154.00	66.00	0.00	19.80	7.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	19.80	7.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	31.00	0.00	0.00	19.80	7.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Use Soil Stabilizer

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

3.2 Site Preparation - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	4.0765	42.4173	21.5136	0.0380		2.1974	2.1974		2.0216	2.0216		3,685.1016	3,685.1016	1.1918		3,714.8975
Total	**4.0765**	**42.4173**	**21.5136**	**0.0380**	**18.0663**	**2.1974**	**20.2637**	**9.9307**	**2.0216**	**11.9523**		**3,685.1016**	**3,685.1016**	**1.1918**		**3,714.8975**

3.2 Site Preparation - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1139	0.0735	0.7613	2.3900e-003	0.2709	1.6000e-003	0.2725	0.0719	1.4700e-003	0.0733		238.2240	238.2240	5.8000e-003		238.3689
Total	**0.1139**	**0.0735**	**0.7613**	**2.3900e-003**	**0.2709**	**1.6000e-003**	**0.2725**	**0.0719**	**1.4700e-003**	**0.0733**		**238.2240**	**238.2240**	**5.8000e-003**		**238.3689**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	0.4656	2.0175	20.8690	0.0380		0.0621	0.0621		0.0621	0.0621	0.0000	3,685.1016	3,685.1016	1.1918		3,714.8975
Total	**0.4656**	**2.0175**	**20.8690**	**0.0380**	**7.0458**	**0.0621**	**7.1079**	**3.8730**	**0.0621**	**3.9351**	**0.0000**	**3,685.1016**	**3,685.1016**	**1.1918**		**3,714.8975**

3.2 Site Preparation - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1139	0.0735	0.7613	2.3900e-003	0.2097	1.6000e-003	0.2113	0.0568	1.4700e-003	0.0583		238.2240	238.2240	5.8000e-003		238.3689
Total	**0.1139**	**0.0735**	**0.7613**	**2.3900e-003**	**0.2097**	**1.6000e-003**	**0.2113**	**0.0568**	**1.4700e-003**	**0.0583**		**238.2240**	**238.2240**	**5.8000e-003**		**238.3689**

3.3 Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.2264	0.0000	6.2264	3.3350	0.0000	3.3350			0.0000			0.0000
Off-Road	2.4288	26.3859	16.0530	0.0297		1.2734	1.2734		1.1716	1.1716		2,872.4851	2,872.4851	0.9290		2,895.7106
Total	**2.4288**	**26.3859**	**16.0530**	**0.0297**	**6.2264**	**1.2734**	**7.4998**	**3.3350**	**1.1716**	**4.5066**		**2,872.4851**	**2,872.4851**	**0.9290**		**2,895.7106**

3.3 Grading - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3346	14.7758	2.1167	0.0459	1.8763	0.0473	1.9237	0.4916	0.0453	0.5369		4,871.8558	4,871.8558	0.3259		4,880.0044
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0950	0.0612	0.6344	1.9900e-003	0.2258	1.3300e-003	0.2271	0.0599	1.2300e-003	0.0611		198.5200	198.5200	4.8300e-003		198.6408
Total	**0.4296**	**14.8370**	**2.7512**	**0.0479**	**2.1021**	**0.0487**	**2.1508**	**0.5515**	**0.0465**	**0.5980**		**5,070.3758**	**5,070.3758**	**0.3308**		**5,078.6452**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.4283	0.0000	2.4283	1.3007	0.0000	1.3007			0.0000			0.0000
Off-Road	0.3632	1.5737	17.7527	0.0297		0.0484	0.0484		0.0484	0.0484	0.0000	2,872.4851	2,872.4851	0.9290		2,895.7106
Total	**0.3632**	**1.5737**	**17.7527**	**0.0297**	**2.4283**	**0.0484**	**2.4767**	**1.3007**	**0.0484**	**1.3491**	**0.0000**	**2,872.4851**	**2,872.4851**	**0.9290**		**2,895.7106**

3.3 Grading - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3346	14.7758	2.1167	0.0459	1.4572	0.0473	1.5045	0.3887	0.0453	0.4340		4,871.8558	4,871.8558	0.3259		4,880.0044
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0950	0.0612	0.6344	1.9900e-003	0.1747	1.3300e-003	0.1761	0.0473	1.2300e-003	0.0486		198.5200	198.5200	4.8300e-003		198.6408
Total	**0.4296**	**14.8370**	**2.7512**	**0.0479**	**1.6319**	**0.0487**	**1.6806**	**0.4361**	**0.0465**	**0.4826**		**5,070.3758**	**5,070.3758**	**0.3308**		**5,078.6452**

3.3 Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.2264	0.0000	6.2264	3.3350	0.0000	3.3350			0.0000			0.0000
Off-Road	2.2903	24.7367	15.8575	0.0296		1.1599	1.1599		1.0671	1.0671		2,871.9285	2,871.9285	0.9288		2,895.1495
Total	**2.2903**	**24.7367**	**15.8575**	**0.0296**	**6.2264**	**1.1599**	**7.3863**	**3.3350**	**1.0671**	**4.4021**		**2,871.9285**	**2,871.9285**	**0.9288**		**2,895.1495**

3.3 Grading - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3169	13.5368	2.0625	0.0454	1.9244	0.0415	1.9659	0.5034	0.0397	0.5431		4,820.4759	4,820.4759	0.3142		4,828.3311
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0887	0.0550	0.5808	1.9200e-003	0.2258	1.3000e-003	0.2271	0.0599	1.2000e-003	0.0611		191.8798	191.8798	4.3500e-003		191.9885
Total	**0.4056**	**13.5918**	**2.6433**	**0.0473**	**2.1501**	**0.0428**	**2.1930**	**0.5632**	**0.0409**	**0.6042**		**5,012.3557**	**5,012.3557**	**0.3186**		**5,020.3195**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.4283	0.0000	2.4283	1.3007	0.0000	1.3007			0.0000			0.0000
Off-Road	0.3632	1.5737	17.7527	0.0296		0.0484	0.0484		0.0484	0.0484	0.0000	2,871.9285	2,871.9285	0.9288		2,895.1495
Total	**0.3632**	**1.5737**	**17.7527**	**0.0296**	**2.4283**	**0.0484**	**2.4767**	**1.3007**	**0.0484**	**1.3491**	**0.0000**	**2,871.9285**	**2,871.9285**	**0.9288**		**2,895.1495**

3.3 Grading - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3169	13.5368	2.0625	0.0454	1.4927	0.0415	1.5343	0.3974	0.0397	0.4372		4,820.4759	4,820.4759	0.3142		4,828.3311
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0887	0.0550	0.5808	1.9200e-003	0.1747	1.3000e-003	0.1760	0.0473	1.2000e-003	0.0485		191.8798	191.8798	4.3500e-003		191.9885
Total	**0.4056**	**13.5918**	**2.6433**	**0.0473**	**1.6675**	**0.0428**	**1.7103**	**0.4448**	**0.0409**	**0.4857**		**5,012.3557**	**5,012.3557**	**0.3186**		**5,020.3195**

3.4 Building Construction - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.1198	19.1860	16.8485	0.0269		1.1171	1.1171		1.0503	1.0503		2,553.0631	2,553.0631	0.6229		2,568.6345
Total	**2.1198**	**19.1860**	**16.8485**	**0.0269**		**1.1171**	**1.1171**		**1.0503**	**1.0503**		**2,553.0631**	**2,553.0631**	**0.6229**		**2,568.6345**

3.4 Building Construction - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.2060	7.0995	1.5222	0.0184	0.4836	0.0444	0.5280	0.1392	0.0425	0.1817		1,934.4579	1,934.4579	0.1545		1,938.3209
Worker	0.9748	0.6285	6.5135	0.0205	2.3180	0.0137	2.3317	0.6147	0.0126	0.6273		2,038.1385	2,038.1385	0.0496		2,039.3785
Total	**1.1808**	**7.7280**	**8.0356**	**0.0388**	**2.8017**	**0.0581**	**2.8598**	**0.7539**	**0.0551**	**0.8090**		**3,972.5963**	**3,972.5963**	**0.2041**		**3,977.6994**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6261	2.8021	17.7304	0.0269		0.1248	0.1248		0.1248	0.1248	0.0000	2,553.0631	2,553.0631	0.6229		2,568.6345
Total	**0.6261**	**2.8021**	**17.7304**	**0.0269**		**0.1248**	**0.1248**		**0.1248**	**0.1248**	**0.0000**	**2,553.0631**	**2,553.0631**	**0.6229**		**2,568.6345**

3.4 Building Construction - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.2060	7.0995	1.5222	0.0184	0.3940	0.0444	0.4384	0.1172	0.0425	0.1597		1,934.4579	1,934.4579	0.1545		1,938.3209
Worker	0.9748	0.6285	6.5135	0.0205	1.7940	0.0137	1.8077	0.4861	0.0126	0.4987		2,038.1385	2,038.1385	0.0496		2,039.3785
Total	**1.1808**	**7.7280**	**8.0356**	**0.0388**	**2.1880**	**0.0581**	**2.2461**	**0.6033**	**0.0551**	**0.6584**		**3,972.5963**	**3,972.5963**	**0.2041**		**3,977.6994**

3.4 Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013		2,553.3639	2,553.3639	0.6160		2,568.7643
Total	**1.9009**	**17.4321**	**16.5752**	**0.0269**		**0.9586**	**0.9586**		**0.9013**	**0.9013**		**2,553.3639**	**2,553.3639**	**0.6160**		**2,568.7643**

3.4 Building Construction - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1723	6.3205	1.3421	0.0182	0.4836	0.0135	0.4971	0.1392	0.0129	0.1521		1,919.5819	1,919.5819	0.1464		1,923.2420
Worker	0.9111	0.5641	5.9631	0.0198	2.3180	0.0133	2.3314	0.6147	0.0123	0.6270		1,969.9657	1,969.9657	0.0446		1,971.0814
Total	**1.0834**	**6.8847**	**7.3052**	**0.0380**	**2.8017**	**0.0268**	**2.8285**	**0.7539**	**0.0252**	**0.7791**		**3,889.5476**	**3,889.5476**	**0.1910**		**3,894.3234**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5867	2.7396	17.6822	0.0269		0.1120	0.1120		0.1120	0.1120	0.0000	2,553.3639	2,553.3639	0.6160		2,568.7643
Total	**0.5867**	**2.7396**	**17.6822**	**0.0269**		**0.1120**	**0.1120**		**0.1120**	**0.1120**	**0.0000**	**2,553.3639**	**2,553.3639**	**0.6160**		**2,568.7643**

3.4 Building Construction - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1723	6.3205	1.3421	0.0182	0.3940	0.0135	0.4075	0.1172	0.0129	0.1301		1,919.5819	1,919.5819	0.1464		1,923.2420
Worker	0.9111	0.5641	5.9631	0.0198	1.7940	0.0133	1.8073	0.4861	0.0123	0.4983		1,969.9657	1,969.9657	0.0446		1,971.0814
Total	**1.0834**	**6.8847**	**7.3052**	**0.0380**	**2.1880**	**0.0268**	**2.2148**	**0.6033**	**0.0252**	**0.6284**		**3,889.5476**	**3,889.5476**	**0.1910**		**3,894.3234**

3.5 Paving - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2556	12.9191	14.6532	0.0228		0.6777	0.6777		0.6235	0.6235		2,207.2109	2,207.2109	0.7139		2,225.0573
Paving	0.9915					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**2.2470**	**12.9191**	**14.6532**	**0.0228**		**0.6777**	**0.6777**		**0.6235**	**0.6235**		**2,207.2109**	**2,207.2109**	**0.7139**		**2,225.0573**

3.5 Paving - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0887	0.0550	0.5808	1.9200e-003	0.2258	1.3000e-003	0.2271	0.0599	1.2000e-003	0.0611		191.8798	191.8798	4.3500e-003		191.9885
Total	**0.0887**	**0.0550**	**0.5808**	**1.9200e-003**	**0.2258**	**1.3000e-003**	**0.2271**	**0.0599**	**1.2000e-003**	**0.0611**		**191.8798**	**191.8798**	**4.3500e-003**		**191.9885**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2805	1.2154	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.2109	2,207.2109	0.7139		2,225.0573
Paving	0.9915					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.2719**	**1.2154**	**17.2957**	**0.0228**		**0.0374**	**0.0374**		**0.0374**	**0.0374**	**0.0000**	**2,207.2109**	**2,207.2109**	**0.7139**		**2,225.0573**

3.5 Paving - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0887	0.0550	0.5808	1.9200e-003	0.1747	1.3000e-003	0.1760	0.0473	1.2000e-003	0.0485		191.8798	191.8798	4.3500e-003		191.9885
Total	**0.0887**	**0.0550**	**0.5808**	**1.9200e-003**	**0.1747**	**1.3000e-003**	**0.1760**	**0.0473**	**1.2000e-003**	**0.0485**		**191.8798**	**191.8798**	**4.3500e-003**		**191.9885**

3.6 Architectural Coating - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	22.1798					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941		281.4481	281.4481	0.0193		281.9309
Total	**22.3987**	**1.5268**	**1.8176**	**2.9700e-003**		**0.0941**	**0.0941**		**0.0941**	**0.0941**		**281.4481**	**281.4481**	**0.0193**		**281.9309**

3.6 Architectural Coating - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1834	0.1136	1.2004	3.9800e-003	0.4666	2.6800e-003	0.4693	0.1237	2.4700e-003	0.1262		396.5515	396.5515	8.9800e-003		396.7761
Total	**0.1834**	**0.1136**	**1.2004**	**3.9800e-003**	**0.4666**	**2.6800e-003**	**0.4693**	**0.1237**	**2.4700e-003**	**0.1262**		**396.5515**	**396.5515**	**8.9800e-003**		**396.7761**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	22.1798					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0193		281.9309
Total	**22.2095**	**0.1288**	**1.8324**	**2.9700e-003**		**3.9600e-003**	**3.9600e-003**		**3.9600e-003**	**3.9600e-003**	**0.0000**	**281.4481**	**281.4481**	**0.0193**		**281.9309**

3.6 Architectural Coating - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1834	0.1136	1.2004	3.9800e-003	0.3611	2.6800e-003	0.3638	0.0978	2.4700e-003	0.1003		396.5515	396.5515	8.9800e-003		396.7761
Total	**0.1834**	**0.1136**	**1.2004**	**3.9800e-003**	**0.3611**	**2.6800e-003**	**0.3638**	**0.0978**	**2.4700e-003**	**0.1003**		**396.5515**	**396.5515**	**8.9800e-003**		**396.7761**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Discount Club	0.00	0.00	0.00		
Gasoline/Service Station	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Discount Club	18.50	10.10	7.90	16.70	64.30	19.00	45	40	15
Gasoline/Service Station	18.50	10.10	7.90	2.00	79.00	19.00	14	27	59
Parking Lot	18.50	10.10	7.90	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Discount Club	0.542116	0.037578	0.185203	0.118503	0.016241	0.005141	0.017392	0.068695	0.001383	0.001183	0.004582	0.000945	0.001038
Gasoline/Service Station	0.542116	0.037578	0.185203	0.118503	0.016241	0.005141	0.017392	0.068695	0.001383	0.001183	0.004582	0.000945	0.001038
Parking Lot	0.542116	0.037578	0.185203	0.118503	0.016241	0.005141	0.017392	0.068695	0.001383	0.001183	0.004582	0.000945	0.001038

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Install High Efficiency Lighting

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0144	0.1309	0.1099	7.9000e-004		9.9500e-003	9.9500e-003		9.9500e-003	9.9500e-003		157.0477	157.0477	3.0100e-003	2.8800e-003	157.9810
NaturalGas Unmitigated	0.0144	0.1309	0.1099	7.9000e-004		9.9500e-003	9.9500e-003		9.9500e-003	9.9500e-003		157.0477	157.0477	3.0100e-003	2.8800e-003	157.9810

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Discount Club	932.777	0.0101	0.0915	0.0768	5.5000e-004		6.9500e-003	6.9500e-003		6.9500e-003	6.9500e-003		109.7385	109.7385	2.1000e-003	2.0100e-003	110.3906
Gasoline/Service Station	402.128	4.3400e-003	0.0394	0.0331	2.4000e-004		3.0000e-003	3.0000e-003		3.0000e-003	3.0000e-003		47.3092	47.3092	9.1000e-004	8.7000e-004	47.5903
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0144**	**0.1309**	**0.1099**	**7.9000e-004**		**9.9500e-003**	**9.9500e-003**		**9.9500e-003**	**9.9500e-003**		**157.0477**	**157.0477**	**3.0100e-003**	**2.8800e-003**	**157.9809**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Discount Club	0.932777	0.0101	0.0915	0.0768	5.5000e-004		6.9500e-003	6.9500e-003		6.9500e-003	6.9500e-003		109.7385	109.7385	2.1000e-003	2.0100e-003	110.3906
Gasoline/Service Station	0.402128	4.3400e-003	0.0394	0.0331	2.4000e-004		3.0000e-003	3.0000e-003		3.0000e-003	3.0000e-003		47.3092	47.3092	9.1000e-004	8.7000e-004	47.5903
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0144**	**0.1309**	**0.1099**	**7.9000e-004**		**9.9500e-003**	**9.9500e-003**		**9.9500e-003**	**9.9500e-003**		**157.0477**	**157.0477**	**3.0100e-003**	**2.8800e-003**	**157.9809**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	3.4735	9.3000e-004	0.1009	1.0000e-005		3.6000e-004	3.6000e-004		3.6000e-004	3.6000e-004		0.2154	0.2154	5.7000e-004		0.2297
Unmitigated	3.4735	9.3000e-004	0.1009	1.0000e-005		3.6000e-004	3.6000e-004		3.6000e-004	3.6000e-004		0.2154	0.2154	5.7000e-004		0.2297

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.2248					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	3.2392					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	9.4200e-003	9.3000e-004	0.1009	1.0000e-005		3.6000e-004	3.6000e-004		3.6000e-004	3.6000e-004		0.2154	0.2154	5.7000e-004		0.2297
Total	**3.4735**	**9.3000e-004**	**0.1009**	**1.0000e-005**		**3.6000e-004**	**3.6000e-004**		**3.6000e-004**	**3.6000e-004**		**0.2154**	**0.2154**	**5.7000e-004**		**0.2297**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.2248					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	3.2392					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	9.4200e-003	9.3000e-004	0.1009	1.0000e-005		3.6000e-004	3.6000e-004		3.6000e-004	3.6000e-004		0.2154	0.2154	5.7000e-004		0.2297
Total	**3.4735**	**9.3000e-004**	**0.1009**	**1.0000e-005**		**3.6000e-004**	**3.6000e-004**		**3.6000e-004**	**3.6000e-004**		**0.2154**	**0.2154**	**5.7000e-004**		**0.2297**

7.0 Water Detail

7.1 Mitigation Measures Water

Install Low Flow Bathroom Faucet

Install Low Flow Toilet

Use Water Efficient Irrigation System

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
Forklifts	3	8.00	365	89	0.20	CNG

UnMitigated/Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Equipment Type	lb/day										lb/day					
Forklifts	0.3880	3.5374	3.5036	4.5800e-003		0.2511	0.2511		0.2310	0.2310		444.0925	444.0925	0.1436		447.6832
Total	**0.3880**	**3.5374**	**3.5036**	**4.5800e-003**		**0.2511**	**0.2511**		**0.2310**	**0.2310**		**444.0925**	**444.0925**	**0.1436**		**447.6832**

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Costco Unmitigated 32 pump

Riverside-South Coast County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Parking Lot	799.00	Space	7.19	319,600.00	0
Discount Club	153.36	1000sqft	3.52	153,362.00	0
Gasoline/Service Station	32.00	Pump	0.10	4,517.60	0

1.2 Other Project Characteristics

Urbanization	Rural	**Wind Speed (m/s)**	2.4	**Precipitation Freq (Days)**	28
Climate Zone	10			**Operational Year**	2021
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	573.36	**CH4 Intensity (lb/MWhr)**	0.024	**N2O Intensity (lb/MWhr)**	0.005

1.3 User Entered Comments & Non-Default Data

Project Characteristics - RPS

Land Use -

Construction Phase - Schedule provided by applicant.

Off-road Equipment -

Off-road Equipment - data provided by applicant

Off-road Equipment -

Trips and VMT - 67300 cy soil export / 16 cy per truck = 4,206.25 round trips x 2 = 8,413 one-way trips

Grading - Grading

Architectural Coating - VOC limit rule

Vehicle Trips - Calculated in excel

Area Coating - VOC rule limit

Energy Use -

Water And Wastewater - Assume 100% aerobic. Indoor and outdoor water use from Eastern Municipal Water District. 2007. Water System Planning & Design Principle Guidelines Criteria.

Solid Waste -

Construction Off-road Equipment Mitigation - Dust control measures

Area Mitigation -

Energy Mitigation -

Water Mitigation -

Waste Mitigation -

Operational Off-Road Equipment - Project specific

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	100.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	100.00	50.00
tblAreaCoating	Area_EF_Nonresidential_Exterior	100	50
tblAreaCoating	Area_EF_Nonresidential_Interior	100	50

Costco Unmitigated 32 pump - Riverside-South Coast County, Annual

tblConstDustMitigation	CleanPavedRoadPercentReduction	0	26
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	10.00	43.00
tblConstructionPhase	NumDays	30.00	136.00
tblConstructionPhase	NumDays	300.00	91.00
tblConstructionPhase	NumDays	20.00	19.00
tblConstructionPhase	NumDays	20.00	37.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblGrading	AcresOfGrading	68.00	18.16
tblGrading	MaterialExported	0.00	67,300.00
tblLandUse	LandUseSquareFeet	153,360.00	153,362.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
tblOperationalOffRoadEquipment	OperDaysPerYear	260.00	365.00
tblOperationalOffRoadEquipment	OperFuelType	Diesel	CNG
tblOperationalOffRoadEquipment	OperOffRoadEquipmentNumber	0.00	3.00
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.024
tblProjectCharacteristics	CO2IntensityFactor	702.44	573.36
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.005
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblTripsAndVMT	VendorTripNumber	78.00	66.00
tblTripsAndVMT	WorkerTripNumber	185.00	154.00
tblTripsAndVMT	WorkerTripNumber	37.00	31.00
tblVehicleTrips	ST_TR	53.75	0.00

tblVehicleTrips	ST_TR	168.56	0.00
tblVehicleTrips	SU_TR	33.67	0.00
tblVehicleTrips	SU_TR	168.56	0.00
tblVehicleTrips	WD_TR	41.80	0.00
tblVehicleTrips	WD_TR	168.56	0.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	IndoorWaterUseRate	11,359,761.89	10,201,020.00
tblWater	IndoorWaterUseRate	425,020.45	0.00
tblWater	OutdoorWaterUseRate	6,962,434.71	3,000,300.00
tblWater	OutdoorWaterUseRate	260,496.40	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2020	0.2329	2.7222	1.4758	4.5000e-003	0.7257	0.1093	0.8351	0.3601	0.1010	0.4610	0.0000	411.7190	411.7190	0.0727	0.0000	413.5368
2021	0.6208	2.2145	1.5772	5.0400e-003	0.3839	0.0796	0.4635	0.1574	0.0740	0.2314	0.0000	460.9131	460.9131	0.0670	0.0000	462.5878
Maximum	**0.6208**	**2.7222**	**1.5772**	**5.0400e-003**	**0.7257**	**0.1093**	**0.8351**	**0.3601**	**0.1010**	**0.4610**	**0.0000**	**460.9131**	**460.9131**	**0.0727**	**0.0000**	**462.5878**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2020	0.2329	2.7222	1.4758	4.5000e-003	0.3280	0.1093	0.4373	0.1528	0.1010	0.2538	0.0000	411.7188	411.7188	0.0727	0.0000	413.5365
2021	0.6208	2.2145	1.5772	5.0400e-003	0.2152	0.0796	0.2947	0.0796	0.0740	0.1536	0.0000	460.9129	460.9129	0.0670	0.0000	462.5875
Maximum	**0.6208**	**2.7222**	**1.5772**	**5.0400e-003**	**0.3280**	**0.1093**	**0.4373**	**0.1528**	**0.1010**	**0.2538**	**0.0000**	**460.9129**	**460.9129**	**0.0727**	**0.0000**	**462.5875**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**51.05**	**0.00**	**43.63**	**55.09**	**0.00**	**41.16**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
3	8-3-2020	11-2-2020	1.2868	1.2868
4	11-3-2020	2-2-2021	2.7307	2.7307
5	2-3-2021	5-2-2021	1.7409	1.7409
		Highest	2.7307	2.7307

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.6334	1.2000e-004	0.0126	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	0.0244	0.0244	6.0000e-005	0.0000	0.0261
Energy	2.6300e-003	0.0239	0.0201	1.4000e-004		1.8200e-003	1.8200e-003		1.8200e-003	1.8200e-003	0.0000	570.7669	570.7669	0.0233	5.2300e-003	572.9072
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Offroad	0.0708	0.6456	0.6394	8.4000e-004		0.0458	0.0458		0.0422	0.0422	0.0000	73.5245	73.5245	0.0238	0.0000	74.1190
Waste						0.0000	0.0000		0.0000	0.0000	137.3863	0.0000	137.3863	8.1193	0.0000	340.3688
Water						0.0000	0.0000		0.0000	0.0000	3.6091	43.2137	46.8229	0.0142	8.2300e-003	49.6299
Total	**0.7068**	**0.6696**	**0.6721**	**9.8000e-004**	**0.0000**	**0.0477**	**0.0477**	**0.0000**	**0.0440**	**0.0440**	**140.9955**	**687.5296**	**828.5250**	**8.1807**	**0.0135**	**1,037.0509**

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.6334	1.2000e-004	0.0126	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	0.0244	0.0244	6.0000e-005	0.0000	0.0261
Energy	2.6300e-003	0.0239	0.0201	1.4000e-004		1.8200e-003	1.8200e-003		1.8200e-003	1.8200e-003	0.0000	468.2511	468.2511	0.0190	4.3300e-003	470.0177
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Offroad	0.0708	0.6456	0.6394	8.4000e-004		0.0458	0.0458		0.0422	0.0422	0.0000	73.5245	73.5245	0.0238	0.0000	74.1190
Waste						0.0000	0.0000		0.0000	0.0000	68.6932	0.0000	68.6932	4.0597	0.0000	170.1844
Water						0.0000	0.0000		0.0000	0.0000	3.1631	38.4152	41.5782	0.0125	7.2100e-003	44.0403
Total	**0.7068**	**0.6696**	**0.6721**	**9.8000e-004**	**0.0000**	**0.0477**	**0.0477**	**0.0000**	**0.0440**	**0.0440**	**71.8562**	**580.2152**	**652.0714**	**4.1150**	**0.0115**	**758.3874**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**49.04**	**15.61**	**21.30**	**49.70**	**14.26**	**26.87**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	9/28/2020	11/16/2020	6	43	
2	Grading	Grading	9/28/2020	4/5/2021	5	136	
3	Building Construction	Building Construction	11/30/2020	3/15/2021	6	91	
4	Paving	Paving	1/11/2021	2/1/2021	6	19	
5	Architectural Coating	Architectural Coating	1/25/2021	3/8/2021	6	37	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 18.16

Acres of Paving: 7.19

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 236,819; Non-Residential Outdoor: 78,940; Striped Parking Area: 19,176 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	1	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	7	18.00	0.00	0.00	19.80	7.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	6	15.00	0.00	8,413.00	19.80	7.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	154.00	66.00	0.00	19.80	7.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	19.80	7.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	31.00	0.00	0.00	19.80	7.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Soil Stabilizer

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

3.2 Site Preparation - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.3884	0.0000	0.3884	0.2135	0.0000	0.2135	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0876	0.9120	0.4625	8.2000e-004		0.0472	0.0472		0.0435	0.0435	0.0000	71.8760	71.8760	0.0233	0.0000	72.4571
Total	**0.0876**	**0.9120**	**0.4625**	**8.2000e-004**	**0.3884**	**0.0472**	**0.4357**	**0.2135**	**0.0435**	**0.2570**	**0.0000**	**71.8760**	**71.8760**	**0.0233**	**0.0000**	**72.4571**

3.2 Site Preparation - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.2500e-003	1.6400e-003	0.0173	5.0000e-005	5.7300e-003	3.0000e-005	5.7600e-003	1.5200e-003	3.0000e-005	1.5500e-003	0.0000	4.7665	4.7665	1.2000e-004	0.0000	4.7695
Total	**2.2500e-003**	**1.6400e-003**	**0.0173**	**5.0000e-005**	**5.7300e-003**	**3.0000e-005**	**5.7600e-003**	**1.5200e-003**	**3.0000e-005**	**1.5500e-003**	**0.0000**	**4.7665**	**4.7665**	**1.2000e-004**	**0.0000**	**4.7695**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1515	0.0000	0.1515	0.0833	0.0000	0.0833	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0876	0.9120	0.4625	8.2000e-004		0.0472	0.0472		0.0435	0.0435	0.0000	71.8759	71.8759	0.0233	0.0000	72.4570
Total	**0.0876**	**0.9120**	**0.4625**	**8.2000e-004**	**0.1515**	**0.0472**	**0.1987**	**0.0833**	**0.0435**	**0.1267**	**0.0000**	**71.8759**	**71.8759**	**0.0233**	**0.0000**	**72.4570**

3.2 Site Preparation - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.2500e-003	1.6400e-003	0.0173	5.0000e-005	4.4400e-003	3.0000e-005	4.4700e-003	1.2000e-003	3.0000e-005	1.2400e-003	0.0000	4.7665	4.7665	1.2000e-004	0.0000	4.7695
Total	**2.2500e-003**	**1.6400e-003**	**0.0173**	**5.0000e-005**	**4.4400e-003**	**3.0000e-005**	**4.4700e-003**	**1.2000e-003**	**3.0000e-005**	**1.2400e-003**	**0.0000**	**4.7665**	**4.7665**	**1.2000e-004**	**0.0000**	**4.7695**

3.3 Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.2217	0.0000	0.2217	0.1159	0.0000	0.1159	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0838	0.9103	0.5538	1.0200e-003		0.0439	0.0439		0.0404	0.0404	0.0000	89.9027	89.9027	0.0291	0.0000	90.6296
Total	**0.0838**	**0.9103**	**0.5538**	**1.0200e-003**	**0.2217**	**0.0439**	**0.2656**	**0.1159**	**0.0404**	**0.1563**	**0.0000**	**89.9027**	**89.9027**	**0.0291**	**0.0000**	**90.6296**

3.3 Grading - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0112	0.5175	0.0670	1.6100e-003	0.0637	1.6200e-003	0.0653	0.0167	1.5500e-003	0.0183	0.0000	154.7481	154.7481	9.7000e-003	0.0000	154.9906
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.0000e-003	2.1900e-003	0.0231	7.0000e-005	7.6600e-003	5.0000e-005	7.7100e-003	2.0300e-003	4.0000e-005	2.0800e-003	0.0000	6.3739	6.3739	1.6000e-004	0.0000	6.3778
Total	**0.0142**	**0.5197**	**0.0901**	**1.6800e-003**	**0.0713**	**1.6700e-003**	**0.0730**	**0.0187**	**1.5900e-003**	**0.0203**	**0.0000**	**161.1220**	**161.1220**	**9.8600e-003**	**0.0000**	**161.3684**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0864	0.0000	0.0864	0.0452	0.0000	0.0452	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0838	0.9103	0.5538	1.0200e-003		0.0439	0.0439		0.0404	0.0404	0.0000	89.9026	89.9026	0.0291	0.0000	90.6295
Total	**0.0838**	**0.9103**	**0.5538**	**1.0200e-003**	**0.0864**	**0.0439**	**0.1304**	**0.0452**	**0.0404**	**0.0856**	**0.0000**	**89.9026**	**89.9026**	**0.0291**	**0.0000**	**90.6295**

3.3 Grading - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0112	0.5175	0.0670	1.6100e-003	0.0495	1.6200e-003	0.0511	0.0132	1.5500e-003	0.0148	0.0000	154.7481	154.7481	9.7000e-003	0.0000	154.9906
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.0000e-003	2.1900e-003	0.0231	7.0000e-005	5.9300e-003	5.0000e-005	5.9800e-003	1.6100e-003	4.0000e-005	1.6500e-003	0.0000	6.3739	6.3739	1.6000e-004	0.0000	6.3778
Total	**0.0142**	**0.5197**	**0.0901**	**1.6800e-003**	**0.0554**	**1.6700e-003**	**0.0571**	**0.0148**	**1.5900e-003**	**0.0164**	**0.0000**	**161.1220**	**161.1220**	**9.8600e-003**	**0.0000**	**161.3684**

3.3 Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.2156	0.0000	0.2156	0.1126	0.0000	0.1126	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0767	0.8287	0.5312	9.9000e-004		0.0389	0.0389		0.0358	0.0358	0.0000	87.2799	87.2799	0.0282	0.0000	87.9856
Total	**0.0767**	**0.8287**	**0.5312**	**9.9000e-004**	**0.2156**	**0.0389**	**0.2545**	**0.1126**	**0.0358**	**0.1483**	**0.0000**	**87.2799**	**87.2799**	**0.0282**	**0.0000**	**87.9856**

3.3 Grading - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0103	0.4605	0.0635	1.5400e-003	0.0634	1.3800e-003	0.0648	0.0166	1.3200e-003	0.0179	0.0000	148.6874	148.6874	9.0800e-003	0.0000	148.9144
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.7200e-003	1.9100e-003	0.0206	7.0000e-005	7.4400e-003	4.0000e-005	7.4800e-003	1.9700e-003	4.0000e-005	2.0100e-003	0.0000	5.9821	5.9821	1.4000e-004	0.0000	5.9855
Total	**0.0130**	**0.4624**	**0.0841**	**1.6100e-003**	**0.0708**	**1.4200e-003**	**0.0723**	**0.0186**	**1.3600e-003**	**0.0199**	**0.0000**	**154.6695**	**154.6695**	**9.2200e-003**	**0.0000**	**154.8999**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0841	0.0000	0.0841	0.0439	0.0000	0.0439	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0767	0.8287	0.5312	9.9000e-004		0.0389	0.0389		0.0358	0.0358	0.0000	87.2798	87.2798	0.0282	0.0000	87.9855
Total	**0.0767**	**0.8287**	**0.5312**	**9.9000e-004**	**0.0841**	**0.0389**	**0.1230**	**0.0439**	**0.0358**	**0.0797**	**0.0000**	**87.2798**	**87.2798**	**0.0282**	**0.0000**	**87.9855**

3.3 Grading - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0103	0.4605	0.0635	1.5400e-003	0.0492	1.3800e-003	0.0506	0.0131	1.3200e-003	0.0144	0.0000	148.6874	148.6874	9.0800e-003	0.0000	148.9144
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.7200e-003	1.9100e-003	0.0206	7.0000e-005	5.7600e-003	4.0000e-005	5.8000e-003	1.5600e-003	4.0000e-005	1.6000e-003	0.0000	5.9821	5.9821	1.4000e-004	0.0000	5.9855
Total	**0.0130**	**0.4624**	**0.0841**	**1.6100e-003**	**0.0550**	**1.4200e-003**	**0.0564**	**0.0147**	**1.3600e-003**	**0.0160**	**0.0000**	**154.6695**	**154.6695**	**9.2200e-003**	**0.0000**	**154.8999**

3.4 Building Construction - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0297	0.2686	0.2359	3.8000e-004		0.0156	0.0156		0.0147	0.0147	0.0000	32.4254	32.4254	7.9100e-003	0.0000	32.6232
Total	**0.0297**	**0.2686**	**0.2359**	**3.8000e-004**		**0.0156**	**0.0156**		**0.0147**	**0.0147**	**0.0000**	**32.4254**	**32.4254**	**7.9100e-003**	**0.0000**	**32.6232**

3.4 Building Construction - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.7900e-003	0.1010	0.0198	2.6000e-004	6.6800e-003	6.2000e-004	7.3000e-003	1.9300e-003	5.9000e-004	2.5200e-003	0.0000	25.0719	25.0719	1.8500e-003	0.0000	25.1182
Worker	0.0125	9.1100e-003	0.0964	2.9000e-004	0.0319	1.9000e-004	0.0321	8.4700e-003	1.8000e-004	8.6500e-003	0.0000	26.5546	26.5546	6.5000e-004	0.0000	26.5709
Total	**0.0153**	**0.1101**	**0.1161**	**5.5000e-004**	**0.0386**	**8.1000e-004**	**0.0394**	**0.0104**	**7.7000e-004**	**0.0112**	**0.0000**	**51.6265**	**51.6265**	**2.5000e-003**	**0.0000**	**51.6891**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0297	0.2686	0.2359	3.8000e-004		0.0156	0.0156		0.0147	0.0147	0.0000	32.4254	32.4254	7.9100e-003	0.0000	32.6231
Total	**0.0297**	**0.2686**	**0.2359**	**3.8000e-004**		**0.0156**	**0.0156**		**0.0147**	**0.0147**	**0.0000**	**32.4254**	**32.4254**	**7.9100e-003**	**0.0000**	**32.6231**

3.4 Building Construction - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.7900e-003	0.1010	0.0198	2.6000e-004	5.4500e-003	6.2000e-004	6.0700e-003	1.6200e-003	5.9000e-004	2.2200e-003	0.0000	25.0719	25.0719	1.8500e-003	0.0000	25.1182
Worker	0.0125	9.1100e-003	0.0964	2.9000e-004	0.0247	1.9000e-004	0.0249	6.7100e-003	1.8000e-004	6.8800e-003	0.0000	26.5546	26.5546	6.5000e-004	0.0000	26.5709
Total	**0.0153**	**0.1101**	**0.1161**	**5.5000e-004**	**0.0302**	**8.1000e-004**	**0.0310**	**8.3300e-003**	**7.7000e-004**	**9.1000e-003**	**0.0000**	**51.6265**	**51.6265**	**2.5000e-003**	**0.0000**	**51.6891**

3.4 Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0599	0.5491	0.5221	8.5000e-004		0.0302	0.0302		0.0284	0.0284	0.0000	72.9657	72.9657	0.0176	0.0000	73.4058
Total	**0.0599**	**0.5491**	**0.5221**	**8.5000e-004**		**0.0302**	**0.0302**		**0.0284**	**0.0284**	**0.0000**	**72.9657**	**72.9657**	**0.0176**	**0.0000**	**73.4058**

3.4 Building Construction - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.2300e-003	0.2023	0.0390	5.9000e-004	0.0150	4.2000e-004	0.0154	4.3300e-003	4.0000e-004	4.7300e-003	0.0000	55.9789	55.9789	3.9500e-003	0.0000	56.0775
Worker	0.0263	0.0184	0.1987	6.4000e-004	0.0718	4.2000e-004	0.0722	0.0191	3.9000e-004	0.0195	0.0000	57.7495	57.7495	1.3200e-003	0.0000	57.7825
Total	**0.0315**	**0.2207**	**0.2376**	**1.2300e-003**	**0.0868**	**8.4000e-004**	**0.0877**	**0.0234**	**7.9000e-004**	**0.0242**	**0.0000**	**113.7284**	**113.7284**	**5.2700e-003**	**0.0000**	**113.8601**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0599	0.5491	0.5221	8.5000e-004		0.0302	0.0302		0.0284	0.0284	0.0000	72.9657	72.9657	0.0176	0.0000	73.4057
Total	**0.0599**	**0.5491**	**0.5221**	**8.5000e-004**		**0.0302**	**0.0302**		**0.0284**	**0.0284**	**0.0000**	**72.9657**	**72.9657**	**0.0176**	**0.0000**	**73.4057**

3.4 Building Construction - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.2300e-003	0.2023	0.0390	5.9000e-004	0.0123	4.2000e-004	0.0127	3.6500e-003	4.0000e-004	4.0500e-003	0.0000	55.9789	55.9789	3.9500e-003	0.0000	56.0775
Worker	0.0263	0.0184	0.1987	6.4000e-004	0.0556	4.2000e-004	0.0560	0.0151	3.9000e-004	0.0155	0.0000	57.7495	57.7495	1.3200e-003	0.0000	57.7825
Total	**0.0315**	**0.2207**	**0.2376**	**1.2300e-003**	**0.0679**	**8.4000e-004**	**0.0687**	**0.0187**	**7.9000e-004**	**0.0195**	**0.0000**	**113.7284**	**113.7284**	**5.2700e-003**	**0.0000**	**113.8601**

3.5 Paving - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0119	0.1227	0.1392	2.2000e-004		6.4400e-003	6.4400e-003		5.9200e-003	5.9200e-003	0.0000	19.0223	19.0223	6.1500e-003	0.0000	19.1761
Paving	9.4200e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0214**	**0.1227**	**0.1392**	**2.2000e-004**		**6.4400e-003**	**6.4400e-003**		**5.9200e-003**	**5.9200e-003**	**0.0000**	**19.0223**	**19.0223**	**6.1500e-003**	**0.0000**	**19.1761**

3.5 Paving - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.7000e-004	5.4000e-004	5.8400e-003	2.0000e-005	2.1100e-003	1.0000e-005	2.1200e-003	5.6000e-004	1.0000e-005	5.7000e-004	0.0000	1.6964	1.6964	4.0000e-005	0.0000	1.6974
Total	**7.7000e-004**	**5.4000e-004**	**5.8400e-003**	**2.0000e-005**	**2.1100e-003**	**1.0000e-005**	**2.1200e-003**	**5.6000e-004**	**1.0000e-005**	**5.7000e-004**	**0.0000**	**1.6964**	**1.6964**	**4.0000e-005**	**0.0000**	**1.6974**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0119	0.1227	0.1392	2.2000e-004		6.4400e-003	6.4400e-003		5.9200e-003	5.9200e-003	0.0000	19.0223	19.0223	6.1500e-003	0.0000	19.1761
Paving	9.4200e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0214**	**0.1227**	**0.1392**	**2.2000e-004**		**6.4400e-003**	**6.4400e-003**		**5.9200e-003**	**5.9200e-003**	**0.0000**	**19.0223**	**19.0223**	**6.1500e-003**	**0.0000**	**19.1761**

3.5 Paving - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.7000e-004	5.4000e-004	5.8400e-003	2.0000e-005	1.6300e-003	1.0000e-005	1.6500e-003	4.4000e-004	1.0000e-005	4.5000e-004	0.0000	1.6964	1.6964	4.0000e-005	0.0000	1.6974
Total	**7.7000e-004**	**5.4000e-004**	**5.8400e-003**	**2.0000e-005**	**1.6300e-003**	**1.0000e-005**	**1.6500e-003**	**4.4000e-004**	**1.0000e-005**	**4.5000e-004**	**0.0000**	**1.6964**	**1.6964**	**4.0000e-005**	**0.0000**	**1.6974**

3.6 Architectural Coating - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.4103					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.0500e-003	0.0283	0.0336	5.0000e-005		1.7400e-003	1.7400e-003		1.7400e-003	1.7400e-003	0.0000	4.7235	4.7235	3.2000e-004	0.0000	4.7316
Total	**0.4144**	**0.0283**	**0.0336**	**5.0000e-005**		**1.7400e-003**	**1.7400e-003**		**1.7400e-003**	**1.7400e-003**	**0.0000**	**4.7235**	**4.7235**	**3.2000e-004**	**0.0000**	**4.7316**

3.6 Architectural Coating - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.1100e-003	2.1700e-003	0.0235	8.0000e-005	8.4900e-003	5.0000e-005	8.5400e-003	2.2500e-003	5.0000e-005	2.3000e-003	0.0000	6.8273	6.8273	1.6000e-004	0.0000	6.8312
Total	**3.1100e-003**	**2.1700e-003**	**0.0235**	**8.0000e-005**	**8.4900e-003**	**5.0000e-005**	**8.5400e-003**	**2.2500e-003**	**5.0000e-005**	**2.3000e-003**	**0.0000**	**6.8273**	**6.8273**	**1.6000e-004**	**0.0000**	**6.8312**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.4103					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.0500e-003	0.0283	0.0336	5.0000e-005		1.7400e-003	1.7400e-003		1.7400e-003	1.7400e-003	0.0000	4.7235	4.7235	3.2000e-004	0.0000	4.7316
Total	**0.4144**	**0.0283**	**0.0336**	**5.0000e-005**		**1.7400e-003**	**1.7400e-003**		**1.7400e-003**	**1.7400e-003**	**0.0000**	**4.7235**	**4.7235**	**3.2000e-004**	**0.0000**	**4.7316**

3.6 Architectural Coating - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.1100e-003	2.1700e-003	0.0235	8.0000e-005	6.5700e-003	5.0000e-005	6.6200e-003	1.7800e-003	5.0000e-005	1.8300e-003	0.0000	6.8273	6.8273	1.6000e-004	0.0000	6.8312
Total	**3.1100e-003**	**2.1700e-003**	**0.0235**	**8.0000e-005**	**6.5700e-003**	**5.0000e-005**	**6.6200e-003**	**1.7800e-003**	**5.0000e-005**	**1.8300e-003**	**0.0000**	**6.8273**	**6.8273**	**1.6000e-004**	**0.0000**	**6.8312**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Discount Club	0.00	0.00	0.00		
Gasoline/Service Station	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Discount Club	18.50	10.10	7.90	16.70	64.30	19.00	45	40	15
Gasoline/Service Station	18.50	10.10	7.90	2.00	79.00	19.00	14	27	59
Parking Lot	18.50	10.10	7.90	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Discount Club	0.542116	0.037578	0.185203	0.118503	0.016241	0.005141	0.017392	0.068695	0.001383	0.001183	0.004582	0.000945	0.001038
Gasoline/Service Station	0.542116	0.037578	0.185203	0.118503	0.016241	0.005141	0.017392	0.068695	0.001383	0.001183	0.004582	0.000945	0.001038
Parking Lot	0.542116	0.037578	0.185203	0.118503	0.016241	0.005141	0.017392	0.068695	0.001383	0.001183	0.004582	0.000945	0.001038

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Install High Efficiency Lighting

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	442.2501	442.2501	0.0185	3.8600e-003	443.8622
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	544.7659	544.7659	0.0228	4.7500e-003	546.7517
NaturalGas Mitigated	2.6300e-003	0.0239	0.0201	1.4000e-004		1.8200e-003	1.8200e-003		1.8200e-003	1.8200e-003	0.0000	26.0010	26.0010	5.0000e-004	4.8000e-004	26.1555
NaturalGas Unmitigated	2.6300e-003	0.0239	0.0201	1.4000e-004		1.8200e-003	1.8200e-003		1.8200e-003	1.8200e-003	0.0000	26.0010	26.0010	5.0000e-004	4.8000e-004	26.1555

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Discount Club	340464	1.8400e-003	0.0167	0.0140	1.0000e-004		1.2700e-003	1.2700e-003		1.2700e-003	1.2700e-003	0.0000	18.1684	18.1684	3.5000e-004	3.3000e-004	18.2764
Gasoline/Service Station	146777	7.9000e-004	7.1900e-003	6.0400e-003	4.0000e-005		5.5000e-004	5.5000e-004		5.5000e-004	5.5000e-004	0.0000	7.8326	7.8326	1.5000e-004	1.4000e-004	7.8791
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**2.6300e-003**	**0.0239**	**0.0201**	**1.4000e-004**		**1.8200e-003**	**1.8200e-003**		**1.8200e-003**	**1.8200e-003**	**0.0000**	**26.0010**	**26.0010**	**5.0000e-004**	**4.7000e-004**	**26.1555**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Discount Club	340464	1.8400e-003	0.0167	0.0140	1.0000e-004		1.2700e-003	1.2700e-003		1.2700e-003	1.2700e-003	0.0000	18.1684	18.1684	3.5000e-004	3.3000e-004	18.2764
Gasoline/Service Station	146777	7.9000e-004	7.1900e-003	6.0400e-003	4.0000e-005		5.5000e-004	5.5000e-004		5.5000e-004	5.5000e-004	0.0000	7.8326	7.8326	1.5000e-004	1.4000e-004	7.8791
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**2.6300e-003**	**0.0239**	**0.0201**	**1.4000e-004**		**1.8200e-003**	**1.8200e-003**		**1.8200e-003**	**1.8200e-003**	**0.0000**	**26.0010**	**26.0010**	**5.0000e-004**	**4.7000e-004**	**26.1555**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Discount Club	1.93696e+006	503.7491	0.0211	4.3900e-003	505.5853
Gasoline/Service Station	45853.6	11.9252	5.0000e-004	1.0000e-004	11.9687
Parking Lot	111860	29.0916	1.2200e-003	2.5000e-004	29.1977
Total		**544.7659**	**0.0228**	**4.7400e-003**	**546.7517**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Discount Club	1.59282e+006	414.2469	0.0173	3.6100e-003	415.7569
Gasoline/Service Station	40559	10.5483	4.4000e-004	9.0000e-005	10.5867
Parking Lot	67116	17.4550	7.3000e-004	1.5000e-004	17.5186
Total		**442.2501**	**0.0185**	**3.8500e-003**	**443.8622**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.6334	1.2000e-004	0.0126	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	0.0244	0.0244	6.0000e-005	0.0000	0.0261
Unmitigated	0.6334	1.2000e-004	0.0126	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	0.0244	0.0244	6.0000e-005	0.0000	0.0261

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0410					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.5912					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.1800e-003	1.2000e-004	0.0126	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	0.0244	0.0244	6.0000e-005	0.0000	0.0261
Total	**0.6334**	**1.2000e-004**	**0.0126**	**0.0000**		**5.0000e-005**	**5.0000e-005**		**5.0000e-005**	**5.0000e-005**	**0.0000**	**0.0244**	**0.0244**	**6.0000e-005**	**0.0000**	**0.0261**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0410					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.5912					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.1800e-003	1.2000e-004	0.0126	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	0.0244	0.0244	6.0000e-005	0.0000	0.0261
Total	**0.6334**	**1.2000e-004**	**0.0126**	**0.0000**		**5.0000e-005**	**5.0000e-005**		**5.0000e-005**	**5.0000e-005**	**0.0000**	**0.0244**	**0.0244**	**6.0000e-005**	**0.0000**	**0.0261**

7.0 Water Detail

7.1 Mitigation Measures Water

Install Low Flow Bathroom Faucet

Install Low Flow Toilet

Use Water Efficient Irrigation System

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	41.5782	0.0125	7.2100e-003	44.0403
Unmitigated	46.8229	0.0142	8.2300e-003	49.6299

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Discount Club	10.201 / 3.0003	46.8229	0.0142	8.2300e-003	49.6299
Gasoline/Service Station	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**46.8229**	**0.0142**	**8.2300e-003**	**49.6299**

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Discount Club	8.94017 / 2.81728	41.5782	0.0125	7.2100e-003	44.0403
Gasoline/Service Station	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**41.5782**	**0.0125**	**7.2100e-003**	**44.0403**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	68.6932	4.0597	0.0000	170.1844
Unmitigated	137.3863	8.1193	0.0000	340.3688

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Discount Club	659.56	133.8847	7.9124	0.0000	331.6937
Gasoline/Service Station	17.25	3.5016	0.2069	0.0000	8.6751
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Total		**137.3863**	**8.1193**	**0.0000**	**340.3688**

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Discount Club	329.78	66.9424	3.9562	0.0000	165.8469
Gasoline/Service Station	8.625	1.7508	0.1035	0.0000	4.3375
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Total		**68.6932**	**4.0597**	**0.0000**	**170.1844**

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
Forklifts	3	8.00	365	89	0.20	CNG

UnMitigated/Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Equipment Type	tons/yr										MT/yr					
Forklifts	0.0708	0.6456	0.6394	8.4000e-004		0.0458	0.0458		0.0422	0.0422	0.0000	73.5245	73.5245	0.0238	0.0000	74.1190
Total	**0.0708**	**0.6456**	**0.6394**	**8.4000e-004**		**0.0458**	**0.0458**		**0.0422**	**0.0422**	**0.0000**	**73.5245**	**73.5245**	**0.0238**	**0.0000**	**74.1190**

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Costco Unmitigated 32 pump

Riverside-South Coast County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Parking Lot	799.00	Space	7.19	319,600.00	0
Discount Club	153.36	1000sqft	3.52	153,362.00	0
Gasoline/Service Station	32.00	Pump	0.10	4,517.60	0

1.2 Other Project Characteristics

Urbanization	Rural	**Wind Speed (m/s)**	2.4	**Precipitation Freq (Days)**	28
Climate Zone	10			**Operational Year**	2021
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	573.36	**CH4 Intensity (lb/MWhr)**	0.024	**N2O Intensity (lb/MWhr)**	0.005

1.3 User Entered Comments & Non-Default Data

Project Characteristics - RPS

Land Use -

Construction Phase - Schedule provided by applicant.

Off-road Equipment -

Off-road Equipment - data provided by applicant

Off-road Equipment -

Trips and VMT - 67300 cy soil export / 16 cy per truck = 4,206.25 round trips x 2 = 8,413 one-way trips

Grading - Grading

Architectural Coating - VOC limit rule

Vehicle Trips - Calculated in excel

Area Coating - VOC rule limit

Energy Use -

Water And Wastewater - Assume 100% aerobic. Indoor and outdoor water use from Eastern Municipal Water District. 2007. Water System Planning & Design Principle Guidelines Criteria.

Solid Waste -

Construction Off-road Equipment Mitigation - Dust control measures

Area Mitigation -

Energy Mitigation -

Water Mitigation -

Waste Mitigation -

Operational Off-Road Equipment - Project specific

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	100.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	100.00	50.00
tblAreaCoating	Area_EF_Nonresidential_Exterior	100	50
tblAreaCoating	Area_EF_Nonresidential_Interior	100	50

Costco Unmitigated 32 pump - Riverside-South Coast County, Summer

tblConstDustMitigation	CleanPavedRoadPercentReduction	0	26
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	10.00	43.00
tblConstructionPhase	NumDays	30.00	136.00
tblConstructionPhase	NumDays	300.00	91.00
tblConstructionPhase	NumDays	20.00	19.00
tblConstructionPhase	NumDays	20.00	37.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblGrading	AcresOfGrading	68.00	18.16
tblGrading	MaterialExported	0.00	67,300.00
tblLandUse	LandUseSquareFeet	153,360.00	153,362.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
tblOperationalOffRoadEquipment	OperDaysPerYear	260.00	365.00
tblOperationalOffRoadEquipment	OperFuelType	Diesel	CNG
tblOperationalOffRoadEquipment	OperOffRoadEquipmentNumber	0.00	3.00
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.024
tblProjectCharacteristics	CO2IntensityFactor	702.44	573.36
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.005
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblTripsAndVMT	VendorTripNumber	78.00	66.00
tblTripsAndVMT	WorkerTripNumber	185.00	154.00
tblTripsAndVMT	WorkerTripNumber	37.00	31.00
tblVehicleTrips	ST_TR	53.75	0.00

tblVehicleTrips	ST_TR	168.56	0.00
tblVehicleTrips	SU_TR	33.67	0.00
tblVehicleTrips	SU_TR	168.56	0.00
tblVehicleTrips	WD_TR	41.80	0.00
tblVehicleTrips	WD_TR	168.56	0.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	IndoorWaterUseRate	11,359,761.89	10,201,020.00
tblWater	IndoorWaterUseRate	425,020.45	0.00
tblWater	OutdoorWaterUseRate	6,962,434.71	3,000,300.00
tblWater	OutdoorWaterUseRate	260,496.40	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	7.0321	83.5810	44.9535	0.1477	26.6657	3.5204	30.1861	13.8890	3.2405	17.1295	0.0000	14,919.4269	14,919.4269	2.4309	0.0000	14,970.7228
2021	30.5688	77.1818	62.2417	0.1786	11.8706	2.9630	14.8336	4.8358	2.7549	7.5906	0.0000	17,913.0706	17,913.0706	2.7690	0.0000	17,982.2962
Maximum	**30.5688**	**83.5810**	**62.2417**	**0.1786**	**26.6657**	**3.5204**	**30.1861**	**13.8890**	**3.2405**	**17.1295**	**0.0000**	**17,913.0706**	**17,913.0706**	**2.7690**	**0.0000**	**17,982.2962**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	7.0321	83.5810	44.9535	0.1477	11.3157	3.5204	14.8362	5.6665	3.2405	8.9070	0.0000	14,919.4269	14,919.4269	2.4309	0.0000	14,970.7228
2021	30.5688	77.1818	62.2417	0.1786	6.8196	2.9630	9.7826	2.4939	2.7549	5.2487	0.0000	17,913.0706	17,913.0706	2.7690	0.0000	17,982.2961
Maximum	**30.5688**	**83.5810**	**62.2417**	**0.1786**	**11.3157**	**3.5204**	**14.8362**	**5.6665**	**3.2405**	**8.9070**	**0.0000**	**17,913.0706**	**17,913.0706**	**2.7690**	**0.0000**	**17,982.2961**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**52.94**	**0.00**	**45.32**	**56.42**	**0.00**	**42.74**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	3.4735	9.3000e-004	0.1009	1.0000e-005		3.6000e-004	3.6000e-004		3.6000e-004	3.6000e-004		0.2154	0.2154	5.7000e-004		0.2297
Energy	0.0144	0.1309	0.1099	7.9000e-004		9.9500e-003	9.9500e-003		9.9500e-003	9.9500e-003		157.0477	157.0477	3.0100e-003	2.8800e-003	157.9810
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Offroad	0.3880	3.5374	3.5036	4.5800e-003		0.2511	0.2511		0.2310	0.2310		444.0925	444.0925	0.1436		447.6832
Total	**3.8759**	**3.6692**	**3.7144**	**5.3800e-003**	**0.0000**	**0.2614**	**0.2614**	**0.0000**	**0.2413**	**0.2413**		**601.3556**	**601.3556**	**0.1472**	**2.8800e-003**	**605.8939**

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	3.4735	9.3000e-004	0.1009	1.0000e-005		3.6000e-004	3.6000e-004		3.6000e-004	3.6000e-004		0.2154	0.2154	5.7000e-004		0.2297
Energy	0.0144	0.1309	0.1099	7.9000e-004		9.9500e-003	9.9500e-003		9.9500e-003	9.9500e-003		157.0477	157.0477	3.0100e-003	2.8800e-003	157.9810
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Offroad	0.3880	3.5374	3.5036	4.5800e-003		0.2511	0.2511		0.2310	0.2310		444.0925	444.0925	0.1436		447.6832
Total	**3.8759**	**3.6692**	**3.7144**	**5.3800e-003**	**0.0000**	**0.2614**	**0.2614**	**0.0000**	**0.2413**	**0.2413**		**601.3556**	**601.3556**	**0.1472**	**2.8800e-003**	**605.8939**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	9/28/2020	11/16/2020	6	43	
2	Grading	Grading	9/28/2020	4/5/2021	5	136	
3	Building Construction	Building Construction	11/30/2020	3/15/2021	6	91	
4	Paving	Paving	1/11/2021	2/1/2021	6	19	
5	Architectural Coating	Architectural Coating	1/25/2021	3/8/2021	6	37	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 18.16

Acres of Paving: 7.19

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 236,819; Non-Residential Outdoor: 78,940; Striped Parking Area: 19,176 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	1	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	7	18.00	0.00	0.00	19.80	7.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	6	15.00	0.00	8,413.00	19.80	7.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	154.00	66.00	0.00	19.80	7.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	19.80	7.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	31.00	0.00	0.00	19.80	7.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Soil Stabilizer

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

3.2 Site Preparation - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	4.0765	42.4173	21.5136	0.0380		2.1974	2.1974		2.0216	2.0216		3,685.1016	3,685.1016	1.1918		3,714.8975
Total	**4.0765**	**42.4173**	**21.5136**	**0.0380**	**18.0663**	**2.1974**	**20.2637**	**9.9307**	**2.0216**	**11.9523**		**3,685.1016**	**3,685.1016**	**1.1918**		**3,714.8975**

3.2 Site Preparation - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1138	0.0710	0.9516	2.6700e-003	0.2709	1.6000e-003	0.2725	0.0719	1.4700e-003	0.0733		265.6599	265.6599	6.7100e-003		265.8277
Total	**0.1138**	**0.0710**	**0.9516**	**2.6700e-003**	**0.2709**	**1.6000e-003**	**0.2725**	**0.0719**	**1.4700e-003**	**0.0733**		**265.6599**	**265.6599**	**6.7100e-003**		**265.8277**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	4.0765	42.4173	21.5136	0.0380		2.1974	2.1974		2.0216	2.0216	0.0000	3,685.1016	3,685.1016	1.1918		3,714.8975
Total	**4.0765**	**42.4173**	**21.5136**	**0.0380**	**7.0458**	**2.1974**	**9.2433**	**3.8730**	**2.0216**	**5.8946**	**0.0000**	**3,685.1016**	**3,685.1016**	**1.1918**		**3,714.8975**

3.2 Site Preparation - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1138	0.0710	0.9516	2.6700e-003	0.2097	1.6000e-003	0.2113	0.0568	1.4700e-003	0.0583		265.6599	265.6599	6.7100e-003		265.8277
Total	**0.1138**	**0.0710**	**0.9516**	**2.6700e-003**	**0.2097**	**1.6000e-003**	**0.2113**	**0.0568**	**1.4700e-003**	**0.0583**		**265.6599**	**265.6599**	**6.7100e-003**		**265.8277**

3.3 Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.2264	0.0000	6.2264	3.3350	0.0000	3.3350			0.0000			0.0000
Off-Road	2.4288	26.3859	16.0530	0.0297		1.2734	1.2734		1.1716	1.1716		2,872.4851	2,872.4851	0.9290		2,895.7106
Total	**2.4288**	**26.3859**	**16.0530**	**0.0297**	**6.2264**	**1.2734**	**7.4998**	**3.3350**	**1.1716**	**4.5066**		**2,872.4851**	**2,872.4851**	**0.9290**		**2,895.7106**

3.3 Grading - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3181	14.6477	1.8073	0.0471	1.8763	0.0467	1.9230	0.4916	0.0447	0.5362		4,996.8721	4,996.8721	0.2978		5,004.3166
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0949	0.0592	0.7930	2.2200e-003	0.2258	1.3300e-003	0.2271	0.0599	1.2300e-003	0.0611		221.3832	221.3832	5.5900e-003		221.5231
Total	**0.4130**	**14.7068**	**2.6003**	**0.0493**	**2.1021**	**0.0480**	**2.1501**	**0.5515**	**0.0459**	**0.5973**		**5,218.2553**	**5,218.2553**	**0.3034**		**5,225.8397**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.4283	0.0000	2.4283	1.3007	0.0000	1.3007			0.0000			0.0000
Off-Road	2.4288	26.3859	16.0530	0.0297		1.2734	1.2734		1.1716	1.1716	0.0000	2,872.4851	2,872.4851	0.9290		2,895.7106
Total	**2.4288**	**26.3859**	**16.0530**	**0.0297**	**2.4283**	**1.2734**	**3.7017**	**1.3007**	**1.1716**	**2.4722**	**0.0000**	**2,872.4851**	**2,872.4851**	**0.9290**		**2,895.7106**

3.3 Grading - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3181	14.6477	1.8073	0.0471	1.4572	0.0467	1.5039	0.3887	0.0447	0.4334		4,996.8721	4,996.8721	0.2978		5,004.3166
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0949	0.0592	0.7930	2.2200e-003	0.1747	1.3300e-003	0.1761	0.0473	1.2300e-003	0.0486		221.3832	221.3832	5.5900e-003		221.5231
Total	**0.4130**	**14.7068**	**2.6003**	**0.0493**	**1.6319**	**0.0480**	**1.6799**	**0.4361**	**0.0459**	**0.4819**		**5,218.2553**	**5,218.2553**	**0.3034**		**5,225.8397**

3.3 Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.2264	0.0000	6.2264	3.3350	0.0000	3.3350			0.0000			0.0000
Off-Road	2.2903	24.7367	15.8575	0.0296		1.1599	1.1599		1.0671	1.0671		2,871.9285	2,871.9285	0.9288		2,895.1495
Total	**2.2903**	**24.7367**	**15.8575**	**0.0296**	**6.2264**	**1.1599**	**7.3863**	**3.3350**	**1.0671**	**4.4021**		**2,871.9285**	**2,871.9285**	**0.9288**		**2,895.1495**

3.3 Grading - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3011	13.4457	1.7681	0.0466	1.9244	0.0409	1.9653	0.5034	0.0392	0.5425		4,944.7101	4,944.7101	0.2872		4,951.8902
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0885	0.0531	0.7275	2.1500e-003	0.2258	1.3000e-003	0.2271	0.0599	1.2000e-003	0.0611		213.9763	213.9763	5.0300e-003		214.1021
Total	**0.3896**	**13.4989**	**2.4956**	**0.0487**	**2.1501**	**0.0422**	**2.1924**	**0.5632**	**0.0404**	**0.6036**		**5,158.6864**	**5,158.6864**	**0.2922**		**5,165.9923**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.4283	0.0000	2.4283	1.3007	0.0000	1.3007			0.0000			0.0000
Off-Road	2.2903	24.7367	15.8575	0.0296		1.1599	1.1599		1.0671	1.0671	0.0000	2,871.9285	2,871.9285	0.9288		2,895.1495
Total	**2.2903**	**24.7367**	**15.8575**	**0.0296**	**2.4283**	**1.1599**	**3.5882**	**1.3007**	**1.0671**	**2.3678**	**0.0000**	**2,871.9285**	**2,871.9285**	**0.9288**		**2,895.1495**

3.3 Grading - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3011	13.4457	1.7681	0.0466	1.4927	0.0409	1.5337	0.3974	0.0392	0.4366		4,944.7101	4,944.7101	0.2872		4,951.8902
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0885	0.0531	0.7275	2.1500e-003	0.1747	1.3000e-003	0.1760	0.0473	1.2000e-003	0.0485		213.9763	213.9763	5.0300e-003		214.1021
Total	**0.3896**	**13.4989**	**2.4956**	**0.0487**	**1.6675**	**0.0422**	**1.7097**	**0.4448**	**0.0404**	**0.4851**		**5,158.6864**	**5,158.6864**	**0.2922**		**5,165.9923**

3.4 Building Construction - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.1198	19.1860	16.8485	0.0269		1.1171	1.1171		1.0503	1.0503		2,553.0631	2,553.0631	0.6229		2,568.6345
Total	**2.1198**	**19.1860**	**16.8485**	**0.0269**		**1.1171**	**1.1171**		**1.0503**	**1.0503**		**2,553.0631**	**2,553.0631**	**0.6229**		**2,568.6345**

3.4 Building Construction - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1959	7.1178	1.3105	0.0190	0.4836	0.0439	0.5276	0.1392	0.0420	0.1813		2,002.7557	2,002.7557	0.1392		2,006.2346
Worker	0.9740	0.6076	8.1412	0.0228	2.3180	0.0137	2.3317	0.6147	0.0126	0.6273		2,272.8677	2,272.8677	0.0574		2,274.3034
Total	**1.1698**	**7.7254**	**9.4517**	**0.0418**	**2.8017**	**0.0576**	**2.8593**	**0.7539**	**0.0547**	**0.8086**		**4,275.6234**	**4,275.6234**	**0.1966**		**4,280.5380**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.1198	19.1860	16.8485	0.0269		1.1171	1.1171		1.0503	1.0503	0.0000	2,553.0631	2,553.0631	0.6229		2,568.6345
Total	**2.1198**	**19.1860**	**16.8485**	**0.0269**		**1.1171**	**1.1171**		**1.0503**	**1.0503**	**0.0000**	**2,553.0631**	**2,553.0631**	**0.6229**		**2,568.6345**

3.4 Building Construction - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1959	7.1178	1.3105	0.0190	0.3940	0.0439	0.4380	0.1172	0.0420	0.1593		2,002.7557	2,002.7557	0.1392		2,006.2346
Worker	0.9740	0.6076	8.1412	0.0228	1.7940	0.0137	1.8077	0.4861	0.0126	0.4987		2,272.8677	2,272.8677	0.0574		2,274.3034
Total	**1.1698**	**7.7254**	**9.4517**	**0.0418**	**2.1880**	**0.0576**	**2.2456**	**0.6033**	**0.0547**	**0.6579**		**4,275.6234**	**4,275.6234**	**0.1966**		**4,280.5380**

3.4 Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013		2,553.3639	2,553.3639	0.6160		2,568.7643
Total	**1.9009**	**17.4321**	**16.5752**	**0.0269**		**0.9586**	**0.9586**		**0.9013**	**0.9013**		**2,553.3639**	**2,553.3639**	**0.6160**		**2,568.7643**

3.4 Building Construction - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1627	6.3597	1.1433	0.0189	0.4836	0.0131	0.4968	0.1392	0.0126	0.1518		1,987.4154	1,987.4154	0.1317		1,990.7072
Worker	0.9083	0.5455	7.4685	0.0221	2.3180	0.0133	2.3314	0.6147	0.0123	0.6270		2,196.8235	2,196.8235	0.0517		2,198.1149
Total	**1.0710**	**6.9053**	**8.6118**	**0.0409**	**2.8017**	**0.0265**	**2.8281**	**0.7539**	**0.0248**	**0.7787**		**4,184.2389**	**4,184.2389**	**0.1833**		**4,188.8221**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013	0.0000	2,553.3639	2,553.3639	0.6160		2,568.7643
Total	**1.9009**	**17.4321**	**16.5752**	**0.0269**		**0.9586**	**0.9586**		**0.9013**	**0.9013**	**0.0000**	**2,553.3639**	**2,553.3639**	**0.6160**		**2,568.7643**

3.4 Building Construction - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1627	6.3597	1.1433	0.0189	0.3940	0.0131	0.4071	0.1172	0.0126	0.1298		1,987.4154	1,987.4154	0.1317		1,990.7072
Worker	0.9083	0.5455	7.4685	0.0221	1.7940	0.0133	1.8073	0.4861	0.0123	0.4983		2,196.8235	2,196.8235	0.0517		2,198.1149
Total	**1.0710**	**6.9053**	**8.6118**	**0.0409**	**2.1880**	**0.0265**	**2.2144**	**0.6033**	**0.0248**	**0.6281**		**4,184.2389**	**4,184.2389**	**0.1833**		**4,188.8221**

3.5 Paving - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2556	12.9191	14.6532	0.0228		0.6777	0.6777		0.6235	0.6235		2,207.2109	2,207.2109	0.7139		2,225.0573
Paving	0.9915					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**2.2470**	**12.9191**	**14.6532**	**0.0228**		**0.6777**	**0.6777**		**0.6235**	**0.6235**		**2,207.2109**	**2,207.2109**	**0.7139**		**2,225.0573**

3.5 Paving - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0885	0.0531	0.7275	2.1500e-003	0.2258	1.3000e-003	0.2271	0.0599	1.2000e-003	0.0611		213.9763	213.9763	5.0300e-003		214.1021
Total	**0.0885**	**0.0531**	**0.7275**	**2.1500e-003**	**0.2258**	**1.3000e-003**	**0.2271**	**0.0599**	**1.2000e-003**	**0.0611**		**213.9763**	**213.9763**	**5.0300e-003**		**214.1021**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2556	12.9191	14.6532	0.0228		0.6777	0.6777		0.6235	0.6235	0.0000	2,207.2109	2,207.2109	0.7139		2,225.0573
Paving	0.9915					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**2.2470**	**12.9191**	**14.6532**	**0.0228**		**0.6777**	**0.6777**		**0.6235**	**0.6235**	**0.0000**	**2,207.2109**	**2,207.2109**	**0.7139**		**2,225.0573**

3.5 Paving - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0885	0.0531	0.7275	2.1500e-003	0.1747	1.3000e-003	0.1760	0.0473	1.2000e-003	0.0485		213.9763	213.9763	5.0300e-003		214.1021
Total	**0.0885**	**0.0531**	**0.7275**	**2.1500e-003**	**0.1747**	**1.3000e-003**	**0.1760**	**0.0473**	**1.2000e-003**	**0.0485**		**213.9763**	**213.9763**	**5.0300e-003**		**214.1021**

3.6 Architectural Coating - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	22.1798					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941		281.4481	281.4481	0.0193		281.9309
Total	**22.3987**	**1.5268**	**1.8176**	**2.9700e-003**		**0.0941**	**0.0941**		**0.0941**	**0.0941**		**281.4481**	**281.4481**	**0.0193**		**281.9309**

3.6 Architectural Coating - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1828	0.1098	1.5034	4.4400e-003	0.4666	2.6800e-003	0.4693	0.1237	2.4700e-003	0.1262		442.2177	442.2177	0.0104		442.4777
Total	**0.1828**	**0.1098**	**1.5034**	**4.4400e-003**	**0.4666**	**2.6800e-003**	**0.4693**	**0.1237**	**2.4700e-003**	**0.1262**		**442.2177**	**442.2177**	**0.0104**		**442.4777**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	22.1798					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941	0.0000	281.4481	281.4481	0.0193		281.9309
Total	**22.3987**	**1.5268**	**1.8176**	**2.9700e-003**		**0.0941**	**0.0941**		**0.0941**	**0.0941**	**0.0000**	**281.4481**	**281.4481**	**0.0193**		**281.9309**

3.6 Architectural Coating - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1828	0.1098	1.5034	4.4400e-003	0.3611	2.6800e-003	0.3638	0.0978	2.4700e-003	0.1003		442.2177	442.2177	0.0104		442.4777
Total	**0.1828**	**0.1098**	**1.5034**	**4.4400e-003**	**0.3611**	**2.6800e-003**	**0.3638**	**0.0978**	**2.4700e-003**	**0.1003**		**442.2177**	**442.2177**	**0.0104**		**442.4777**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Discount Club	0.00	0.00	0.00		
Gasoline/Service Station	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Discount Club	18.50	10.10	7.90	16.70	64.30	19.00	45	40	15
Gasoline/Service Station	18.50	10.10	7.90	2.00	79.00	19.00	14	27	59
Parking Lot	18.50	10.10	7.90	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Discount Club	0.542116	0.037578	0.185203	0.118503	0.016241	0.005141	0.017392	0.068695	0.001383	0.001183	0.004582	0.000945	0.001038
Gasoline/Service Station	0.542116	0.037578	0.185203	0.118503	0.016241	0.005141	0.017392	0.068695	0.001383	0.001183	0.004582	0.000945	0.001038
Parking Lot	0.542116	0.037578	0.185203	0.118503	0.016241	0.005141	0.017392	0.068695	0.001383	0.001183	0.004582	0.000945	0.001038

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Install High Efficiency Lighting

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0144	0.1309	0.1099	7.9000e-004		9.9500e-003	9.9500e-003		9.9500e-003	9.9500e-003		157.0477	157.0477	3.0100e-003	2.8800e-003	157.9810
NaturalGas Unmitigated	0.0144	0.1309	0.1099	7.9000e-004		9.9500e-003	9.9500e-003		9.9500e-003	9.9500e-003		157.0477	157.0477	3.0100e-003	2.8800e-003	157.9810

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Discount Club	932.777	0.0101	0.0915	0.0768	5.5000e-004		6.9500e-003	6.9500e-003		6.9500e-003	6.9500e-003		109.7385	109.7385	2.1000e-003	2.0100e-003	110.3906
Gasoline/Service Station	402.128	4.3400e-003	0.0394	0.0331	2.4000e-004		3.0000e-003	3.0000e-003		3.0000e-003	3.0000e-003		47.3092	47.3092	9.1000e-004	8.7000e-004	47.5903
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0144**	**0.1309**	**0.1099**	**7.9000e-004**		**9.9500e-003**	**9.9500e-003**		**9.9500e-003**	**9.9500e-003**		**157.0477**	**157.0477**	**3.0100e-003**	**2.8800e-003**	**157.9809**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Discount Club	0.932777	0.0101	0.0915	0.0768	5.5000e-004		6.9500e-003	6.9500e-003		6.9500e-003	6.9500e-003		109.7385	109.7385	2.1000e-003	2.0100e-003	110.3906
Gasoline/Service Station	0.402128	4.3400e-003	0.0394	0.0331	2.4000e-004		3.0000e-003	3.0000e-003		3.0000e-003	3.0000e-003		47.3092	47.3092	9.1000e-004	8.7000e-004	47.5903
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0144**	**0.1309**	**0.1099**	**7.9000e-004**		**9.9500e-003**	**9.9500e-003**		**9.9500e-003**	**9.9500e-003**		**157.0477**	**157.0477**	**3.0100e-003**	**2.8800e-003**	**157.9809**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	3.4735	9.3000e-004	0.1009	1.0000e-005		3.6000e-004	3.6000e-004		3.6000e-004	3.6000e-004		0.2154	0.2154	5.7000e-004		0.2297
Unmitigated	3.4735	9.3000e-004	0.1009	1.0000e-005		3.6000e-004	3.6000e-004		3.6000e-004	3.6000e-004		0.2154	0.2154	5.7000e-004		0.2297

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.2248					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	3.2392					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	9.4200e-003	9.3000e-004	0.1009	1.0000e-005		3.6000e-004	3.6000e-004		3.6000e-004	3.6000e-004		0.2154	0.2154	5.7000e-004		0.2297
Total	**3.4735**	**9.3000e-004**	**0.1009**	**1.0000e-005**		**3.6000e-004**	**3.6000e-004**		**3.6000e-004**	**3.6000e-004**		**0.2154**	**0.2154**	**5.7000e-004**		**0.2297**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.2248					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	3.2392					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	9.4200e-003	9.3000e-004	0.1009	1.0000e-005		3.6000e-004	3.6000e-004		3.6000e-004	3.6000e-004		0.2154	0.2154	5.7000e-004		0.2297
Total	**3.4735**	**9.3000e-004**	**0.1009**	**1.0000e-005**		**3.6000e-004**	**3.6000e-004**		**3.6000e-004**	**3.6000e-004**		**0.2154**	**0.2154**	**5.7000e-004**		**0.2297**

7.0 Water Detail

7.1 Mitigation Measures Water

Install Low Flow Bathroom Faucet

Install Low Flow Toilet

Use Water Efficient Irrigation System

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
Forklifts	3	8.00	365	89	0.20	CNG

UnMitigated/Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Equipment Type	lb/day										lb/day					
Forklifts	0.3880	3.5374	3.5036	4.5800e-003		0.2511	0.2511		0.2310	0.2310		444.0925	444.0925	0.1436		447.6832
Total	**0.3880**	**3.5374**	**3.5036**	**4.5800e-003**		**0.2511**	**0.2511**		**0.2310**	**0.2310**		**444.0925**	**444.0925**	**0.1436**		**447.6832**

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Costco Unmitigated 32 pump

Riverside-South Coast County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Parking Lot	799.00	Space	7.19	319,600.00	0
Discount Club	153.36	1000sqft	3.52	153,362.00	0
Gasoline/Service Station	32.00	Pump	0.10	4,517.60	0

1.2 Other Project Characteristics

Urbanization	Rural	**Wind Speed (m/s)**	2.4	**Precipitation Freq (Days)**	28
Climate Zone	10			**Operational Year**	2021
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	573.36	**CH4 Intensity (lb/MWhr)**	0.024	**N2O Intensity (lb/MWhr)**	0.005

1.3 User Entered Comments & Non-Default Data

Project Characteristics - RPS

Land Use -

Construction Phase - Schedule provided by applicant.

Off-road Equipment -

Off-road Equipment - data provided by applicant

Off-road Equipment -

Trips and VMT - 67300 cy soil export / 16 cy per truck = 4,206.25 round trips x 2 = 8,413 one-way trips

Grading - Grading

Architectural Coating - VOC limit rule

Vehicle Trips - Calculated in excel

Area Coating - VOC rule limit

Energy Use -

Water And Wastewater - Assume 100% aerobic. Indoor and outdoor water use from Eastern Municipal Water District. 2007. Water System Planning & Design Principle Guidelines Criteria.

Solid Waste -

Construction Off-road Equipment Mitigation - Dust control measures

Area Mitigation -

Energy Mitigation -

Water Mitigation -

Waste Mitigation -

Operational Off-Road Equipment - Project specific

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	100.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	100.00	50.00
tblAreaCoating	Area_EF_Nonresidential_Exterior	100	50
tblAreaCoating	Area_EF_Nonresidential_Interior	100	50

Costco Unmitigated 32 pump - Riverside-South Coast County, Winter

tblConstDustMitigation	CleanPavedRoadPercentReduction	0	26
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	10.00	43.00
tblConstructionPhase	NumDays	30.00	136.00
tblConstructionPhase	NumDays	300.00	91.00
tblConstructionPhase	NumDays	20.00	19.00
tblConstructionPhase	NumDays	20.00	37.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblGrading	AcresOfGrading	68.00	18.16
tblGrading	MaterialExported	0.00	67,300.00
tblLandUse	LandUseSquareFeet	153,360.00	153,362.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
tblOperationalOffRoadEquipment	OperDaysPerYear	260.00	365.00
tblOperationalOffRoadEquipment	OperFuelType	Diesel	CNG
tblOperationalOffRoadEquipment	OperOffRoadEquipmentNumber	0.00	3.00
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.024
tblProjectCharacteristics	CO2IntensityFactor	702.44	573.36
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.005
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblTripsAndVMT	VendorTripNumber	78.00	66.00
tblTripsAndVMT	WorkerTripNumber	185.00	154.00
tblTripsAndVMT	WorkerTripNumber	37.00	31.00
tblVehicleTrips	ST_TR	53.75	0.00

tblVehicleTrips	ST_TR	168.56	0.00
tblVehicleTrips	SU_TR	33.67	0.00
tblVehicleTrips	SU_TR	168.56	0.00
tblVehicleTrips	WD_TR	41.80	0.00
tblVehicleTrips	WD_TR	168.56	0.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	IndoorWaterUseRate	11,359,761.89	10,201,020.00
tblWater	IndoorWaterUseRate	425,020.45	0.00
tblWater	OutdoorWaterUseRate	6,962,434.71	3,000,300.00
tblWater	OutdoorWaterUseRate	260,496.40	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	7.0488	83.7136	43.6883	0.1433	26.6657	3.5211	30.1868	13.8890	3.2412	17.1302	0.0000	14,468.5203	14,468.5203	2.4574	0.0000	14,520.6897
2021	30.5981	77.2597	60.6332	0.1735	11.8706	2.9640	14.8345	4.8358	2.7558	7.5915	0.0000	17,404.2859	17,404.2859	2.8010	0.0000	17,474.3095
Maximum	**30.5981**	**83.7136**	**60.6332**	**0.1735**	**26.6657**	**3.5211**	**30.1868**	**13.8890**	**3.2412**	**17.1302**	**0.0000**	**17,404.2859**	**17,404.2859**	**2.8010**	**0.0000**	**17,474.3095**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	7.0488	83.7136	43.6883	0.1433	11.3157	3.5211	14.8368	5.6665	3.2412	8.9076	0.0000	14,468.5203	14,468.5203	2.4574	0.0000	14,520.6897
2021	30.5981	77.2597	60.6332	0.1735	6.8196	2.9640	9.7835	2.4939	2.7558	5.2496	0.0000	17,404.2859	17,404.2859	2.8010	0.0000	17,474.3094
Maximum	**30.5981**	**83.7136**	**60.6332**	**0.1735**	**11.3157**	**3.5211**	**14.8368**	**5.6665**	**3.2412**	**8.9076**	**0.0000**	**17,404.2859**	**17,404.2859**	**2.8010**	**0.0000**	**17,474.3094**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**52.94**	**0.00**	**45.31**	**56.42**	**0.00**	**42.73**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	3.4735	9.3000e-004	0.1009	1.0000e-005		3.6000e-004	3.6000e-004		3.6000e-004	3.6000e-004		0.2154	0.2154	5.7000e-004		0.2297
Energy	0.0144	0.1309	0.1099	7.9000e-004		9.9500e-003	9.9500e-003		9.9500e-003	9.9500e-003		157.0477	157.0477	3.0100e-003	2.8800e-003	157.9810
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Offroad	0.3880	3.5374	3.5036	4.5800e-003		0.2511	0.2511		0.2310	0.2310		444.0925	444.0925	0.1436		447.6832
Total	**3.8759**	**3.6692**	**3.7144**	**5.3800e-003**	**0.0000**	**0.2614**	**0.2614**	**0.0000**	**0.2413**	**0.2413**		**601.3556**	**601.3556**	**0.1472**	**2.8800e-003**	**605.8939**

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	3.4735	9.3000e-004	0.1009	1.0000e-005		3.6000e-004	3.6000e-004		3.6000e-004	3.6000e-004		0.2154	0.2154	5.7000e-004		0.2297
Energy	0.0144	0.1309	0.1099	7.9000e-004		9.9500e-003	9.9500e-003		9.9500e-003	9.9500e-003		157.0477	157.0477	3.0100e-003	2.8800e-003	157.9810
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Offroad	0.3880	3.5374	3.5036	4.5800e-003		0.2511	0.2511		0.2310	0.2310		444.0925	444.0925	0.1436		447.6832
Total	**3.8759**	**3.6692**	**3.7144**	**5.3800e-003**	**0.0000**	**0.2614**	**0.2614**	**0.0000**	**0.2413**	**0.2413**		**601.3556**	**601.3556**	**0.1472**	**2.8800e-003**	**605.8939**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	9/28/2020	11/16/2020	6	43	
2	Grading	Grading	9/28/2020	4/5/2021	5	136	
3	Building Construction	Building Construction	11/30/2020	3/15/2021	6	91	
4	Paving	Paving	1/11/2021	2/1/2021	6	19	
5	Architectural Coating	Architectural Coating	1/25/2021	3/8/2021	6	37	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 18.16

Acres of Paving: 7.19

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 236,819; Non-Residential Outdoor: 78,940; Striped Parking Area: 19,176 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	1	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	7	18.00	0.00	0.00	19.80	7.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	6	15.00	0.00	8,413.00	19.80	7.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	154.00	66.00	0.00	19.80	7.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	19.80	7.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	31.00	0.00	0.00	19.80	7.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Soil Stabilizer

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

3.2 Site Preparation - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	4.0765	42.4173	21.5136	0.0380		2.1974	2.1974		2.0216	2.0216		3,685.1016	3,685.1016	1.1918		3,714.8975
Total	**4.0765**	**42.4173**	**21.5136**	**0.0380**	**18.0663**	**2.1974**	**20.2637**	**9.9307**	**2.0216**	**11.9523**		**3,685.1016**	**3,685.1016**	**1.1918**		**3,714.8975**

3.2 Site Preparation - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1139	0.0735	0.7613	2.3900e-003	0.2709	1.6000e-003	0.2725	0.0719	1.4700e-003	0.0733		238.2240	238.2240	5.8000e-003		238.3689
Total	**0.1139**	**0.0735**	**0.7613**	**2.3900e-003**	**0.2709**	**1.6000e-003**	**0.2725**	**0.0719**	**1.4700e-003**	**0.0733**		**238.2240**	**238.2240**	**5.8000e-003**		**238.3689**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	4.0765	42.4173	21.5136	0.0380		2.1974	2.1974		2.0216	2.0216	0.0000	3,685.1016	3,685.1016	1.1918		3,714.8975
Total	**4.0765**	**42.4173**	**21.5136**	**0.0380**	**7.0458**	**2.1974**	**9.2433**	**3.8730**	**2.0216**	**5.8946**	**0.0000**	**3,685.1016**	**3,685.1016**	**1.1918**		**3,714.8975**

3.2 Site Preparation - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1139	0.0735	0.7613	2.3900e-003	0.2097	1.6000e-003	0.2113	0.0568	1.4700e-003	0.0583		238.2240	238.2240	5.8000e-003		238.3689
Total	**0.1139**	**0.0735**	**0.7613**	**2.3900e-003**	**0.2097**	**1.6000e-003**	**0.2113**	**0.0568**	**1.4700e-003**	**0.0583**		**238.2240**	**238.2240**	**5.8000e-003**		**238.3689**

3.3 Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.2264	0.0000	6.2264	3.3350	0.0000	3.3350			0.0000			0.0000
Off-Road	2.4288	26.3859	16.0530	0.0297		1.2734	1.2734		1.1716	1.1716		2,872.4851	2,872.4851	0.9290		2,895.7106
Total	**2.4288**	**26.3859**	**16.0530**	**0.0297**	**6.2264**	**1.2734**	**7.4998**	**3.3350**	**1.1716**	**4.5066**		**2,872.4851**	**2,872.4851**	**0.9290**		**2,895.7106**

3.3 Grading - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3346	14.7758	2.1167	0.0459	1.8763	0.0473	1.9237	0.4916	0.0453	0.5369		4,871.8558	4,871.8558	0.3259		4,880.0044
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0950	0.0612	0.6344	1.9900e-003	0.2258	1.3300e-003	0.2271	0.0599	1.2300e-003	0.0611		198.5200	198.5200	4.8300e-003		198.6408
Total	**0.4296**	**14.8370**	**2.7512**	**0.0479**	**2.1021**	**0.0487**	**2.1508**	**0.5515**	**0.0465**	**0.5980**		**5,070.3758**	**5,070.3758**	**0.3308**		**5,078.6452**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.4283	0.0000	2.4283	1.3007	0.0000	1.3007			0.0000			0.0000
Off-Road	2.4288	26.3859	16.0530	0.0297		1.2734	1.2734		1.1716	1.1716	0.0000	2,872.4851	2,872.4851	0.9290		2,895.7106
Total	**2.4288**	**26.3859**	**16.0530**	**0.0297**	**2.4283**	**1.2734**	**3.7017**	**1.3007**	**1.1716**	**2.4722**	**0.0000**	**2,872.4851**	**2,872.4851**	**0.9290**		**2,895.7106**

3.3 Grading - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3346	14.7758	2.1167	0.0459	1.4572	0.0473	1.5045	0.3887	0.0453	0.4340		4,871.8558	4,871.8558	0.3259		4,880.0044
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0950	0.0612	0.6344	1.9900e-003	0.1747	1.3300e-003	0.1761	0.0473	1.2300e-003	0.0486		198.5200	198.5200	4.8300e-003		198.6408
Total	**0.4296**	**14.8370**	**2.7512**	**0.0479**	**1.6319**	**0.0487**	**1.6806**	**0.4361**	**0.0465**	**0.4826**		**5,070.3758**	**5,070.3758**	**0.3308**		**5,078.6452**

3.3 Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.2264	0.0000	6.2264	3.3350	0.0000	3.3350			0.0000			0.0000
Off-Road	2.2903	24.7367	15.8575	0.0296		1.1599	1.1599		1.0671	1.0671		2,871.9285	2,871.9285	0.9288		2,895.1495
Total	**2.2903**	**24.7367**	**15.8575**	**0.0296**	**6.2264**	**1.1599**	**7.3863**	**3.3350**	**1.0671**	**4.4021**		**2,871.9285**	**2,871.9285**	**0.9288**		**2,895.1495**

3.3 Grading - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3169	13.5368	2.0625	0.0454	1.9244	0.0415	1.9659	0.5034	0.0397	0.5431		4,820.4759	4,820.4759	0.3142		4,828.3311
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0887	0.0550	0.5808	1.9200e-003	0.2258	1.3000e-003	0.2271	0.0599	1.2000e-003	0.0611		191.8798	191.8798	4.3500e-003		191.9885
Total	**0.4056**	**13.5918**	**2.6433**	**0.0473**	**2.1501**	**0.0428**	**2.1930**	**0.5632**	**0.0409**	**0.6042**		**5,012.3557**	**5,012.3557**	**0.3186**		**5,020.3195**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.4283	0.0000	2.4283	1.3007	0.0000	1.3007			0.0000			0.0000
Off-Road	2.2903	24.7367	15.8575	0.0296		1.1599	1.1599		1.0671	1.0671	0.0000	2,871.9285	2,871.9285	0.9288		2,895.1495
Total	**2.2903**	**24.7367**	**15.8575**	**0.0296**	**2.4283**	**1.1599**	**3.5882**	**1.3007**	**1.0671**	**2.3678**	**0.0000**	**2,871.9285**	**2,871.9285**	**0.9288**		**2,895.1495**

3.3 Grading - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3169	13.5368	2.0625	0.0454	1.4927	0.0415	1.5343	0.3974	0.0397	0.4372		4,820.4759	4,820.4759	0.3142		4,828.3311
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0887	0.0550	0.5808	1.9200e-003	0.1747	1.3000e-003	0.1760	0.0473	1.2000e-003	0.0485		191.8798	191.8798	4.3500e-003		191.9885
Total	**0.4056**	**13.5918**	**2.6433**	**0.0473**	**1.6675**	**0.0428**	**1.7103**	**0.4448**	**0.0409**	**0.4857**		**5,012.3557**	**5,012.3557**	**0.3186**		**5,020.3195**

3.4 Building Construction - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.1198	19.1860	16.8485	0.0269		1.1171	1.1171		1.0503	1.0503		2,553.0631	2,553.0631	0.6229		2,568.6345
Total	**2.1198**	**19.1860**	**16.8485**	**0.0269**		**1.1171**	**1.1171**		**1.0503**	**1.0503**		**2,553.0631**	**2,553.0631**	**0.6229**		**2,568.6345**

3.4 Building Construction - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.2060	7.0995	1.5222	0.0184	0.4836	0.0444	0.5280	0.1392	0.0425	0.1817		1,934.4579	1,934.4579	0.1545		1,938.3209
Worker	0.9748	0.6285	6.5135	0.0205	2.3180	0.0137	2.3317	0.6147	0.0126	0.6273		2,038.1385	2,038.1385	0.0496		2,039.3785
Total	**1.1808**	**7.7280**	**8.0356**	**0.0388**	**2.8017**	**0.0581**	**2.8598**	**0.7539**	**0.0551**	**0.8090**		**3,972.5963**	**3,972.5963**	**0.2041**		**3,977.6994**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.1198	19.1860	16.8485	0.0269		1.1171	1.1171		1.0503	1.0503	0.0000	2,553.0631	2,553.0631	0.6229		2,568.6345
Total	**2.1198**	**19.1860**	**16.8485**	**0.0269**		**1.1171**	**1.1171**		**1.0503**	**1.0503**	**0.0000**	**2,553.0631**	**2,553.0631**	**0.6229**		**2,568.6345**

3.4 Building Construction - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.2060	7.0995	1.5222	0.0184	0.3940	0.0444	0.4384	0.1172	0.0425	0.1597		1,934.4579	1,934.4579	0.1545		1,938.3209
Worker	0.9748	0.6285	6.5135	0.0205	1.7940	0.0137	1.8077	0.4861	0.0126	0.4987		2,038.1385	2,038.1385	0.0496		2,039.3785
Total	**1.1808**	**7.7280**	**8.0356**	**0.0388**	**2.1880**	**0.0581**	**2.2461**	**0.6033**	**0.0551**	**0.6584**		**3,972.5963**	**3,972.5963**	**0.2041**		**3,977.6994**

3.4 Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013		2,553.3639	2,553.3639	0.6160		2,568.7643
Total	**1.9009**	**17.4321**	**16.5752**	**0.0269**		**0.9586**	**0.9586**		**0.9013**	**0.9013**		**2,553.3639**	**2,553.3639**	**0.6160**		**2,568.7643**

3.4 Building Construction - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1723	6.3205	1.3421	0.0182	0.4836	0.0135	0.4971	0.1392	0.0129	0.1521		1,919.5819	1,919.5819	0.1464		1,923.2420
Worker	0.9111	0.5641	5.9631	0.0198	2.3180	0.0133	2.3314	0.6147	0.0123	0.6270		1,969.9657	1,969.9657	0.0446		1,971.0814
Total	**1.0834**	**6.8847**	**7.3052**	**0.0380**	**2.8017**	**0.0268**	**2.8285**	**0.7539**	**0.0252**	**0.7791**		**3,889.5476**	**3,889.5476**	**0.1910**		**3,894.3234**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013	0.0000	2,553.3639	2,553.3639	0.6160		2,568.7643
Total	**1.9009**	**17.4321**	**16.5752**	**0.0269**		**0.9586**	**0.9586**		**0.9013**	**0.9013**	**0.0000**	**2,553.3639**	**2,553.3639**	**0.6160**		**2,568.7643**

3.4 Building Construction - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1723	6.3205	1.3421	0.0182	0.3940	0.0135	0.4075	0.1172	0.0129	0.1301		1,919.5819	1,919.5819	0.1464		1,923.2420
Worker	0.9111	0.5641	5.9631	0.0198	1.7940	0.0133	1.8073	0.4861	0.0123	0.4983		1,969.9657	1,969.9657	0.0446		1,971.0814
Total	**1.0834**	**6.8847**	**7.3052**	**0.0380**	**2.1880**	**0.0268**	**2.2148**	**0.6033**	**0.0252**	**0.6284**		**3,889.5476**	**3,889.5476**	**0.1910**		**3,894.3234**

3.5 Paving - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2556	12.9191	14.6532	0.0228		0.6777	0.6777		0.6235	0.6235		2,207.2109	2,207.2109	0.7139		2,225.0573
Paving	0.9915					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**2.2470**	**12.9191**	**14.6532**	**0.0228**		**0.6777**	**0.6777**		**0.6235**	**0.6235**		**2,207.2109**	**2,207.2109**	**0.7139**		**2,225.0573**

3.5 Paving - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0887	0.0550	0.5808	1.9200e-003	0.2258	1.3000e-003	0.2271	0.0599	1.2000e-003	0.0611		191.8798	191.8798	4.3500e-003		191.9885
Total	**0.0887**	**0.0550**	**0.5808**	**1.9200e-003**	**0.2258**	**1.3000e-003**	**0.2271**	**0.0599**	**1.2000e-003**	**0.0611**		**191.8798**	**191.8798**	**4.3500e-003**		**191.9885**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2556	12.9191	14.6532	0.0228		0.6777	0.6777		0.6235	0.6235	0.0000	2,207.2109	2,207.2109	0.7139		2,225.0573
Paving	0.9915					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**2.2470**	**12.9191**	**14.6532**	**0.0228**		**0.6777**	**0.6777**		**0.6235**	**0.6235**	**0.0000**	**2,207.2109**	**2,207.2109**	**0.7139**		**2,225.0573**

3.5 Paving - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0887	0.0550	0.5808	1.9200e-003	0.1747	1.3000e-003	0.1760	0.0473	1.2000e-003	0.0485		191.8798	191.8798	4.3500e-003		191.9885
Total	**0.0887**	**0.0550**	**0.5808**	**1.9200e-003**	**0.1747**	**1.3000e-003**	**0.1760**	**0.0473**	**1.2000e-003**	**0.0485**		**191.8798**	**191.8798**	**4.3500e-003**		**191.9885**

3.6 Architectural Coating - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	22.1798					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941		281.4481	281.4481	0.0193		281.9309
Total	**22.3987**	**1.5268**	**1.8176**	**2.9700e-003**		**0.0941**	**0.0941**		**0.0941**	**0.0941**		**281.4481**	**281.4481**	**0.0193**		**281.9309**

3.6 Architectural Coating - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1834	0.1136	1.2004	3.9800e-003	0.4666	2.6800e-003	0.4693	0.1237	2.4700e-003	0.1262		396.5515	396.5515	8.9800e-003		396.7761
Total	**0.1834**	**0.1136**	**1.2004**	**3.9800e-003**	**0.4666**	**2.6800e-003**	**0.4693**	**0.1237**	**2.4700e-003**	**0.1262**		**396.5515**	**396.5515**	**8.9800e-003**		**396.7761**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	22.1798					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941	0.0000	281.4481	281.4481	0.0193		281.9309
Total	**22.3987**	**1.5268**	**1.8176**	**2.9700e-003**		**0.0941**	**0.0941**		**0.0941**	**0.0941**	**0.0000**	**281.4481**	**281.4481**	**0.0193**		**281.9309**

3.6 Architectural Coating - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1834	0.1136	1.2004	3.9800e-003	0.3611	2.6800e-003	0.3638	0.0978	2.4700e-003	0.1003		396.5515	396.5515	8.9800e-003		396.7761
Total	**0.1834**	**0.1136**	**1.2004**	**3.9800e-003**	**0.3611**	**2.6800e-003**	**0.3638**	**0.0978**	**2.4700e-003**	**0.1003**		**396.5515**	**396.5515**	**8.9800e-003**		**396.7761**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Discount Club	0.00	0.00	0.00		
Gasoline/Service Station	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Discount Club	18.50	10.10	7.90	16.70	64.30	19.00	45	40	15
Gasoline/Service Station	18.50	10.10	7.90	2.00	79.00	19.00	14	27	59
Parking Lot	18.50	10.10	7.90	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Discount Club	0.542116	0.037578	0.185203	0.118503	0.016241	0.005141	0.017392	0.068695	0.001383	0.001183	0.004582	0.000945	0.001038
Gasoline/Service Station	0.542116	0.037578	0.185203	0.118503	0.016241	0.005141	0.017392	0.068695	0.001383	0.001183	0.004582	0.000945	0.001038
Parking Lot	0.542116	0.037578	0.185203	0.118503	0.016241	0.005141	0.017392	0.068695	0.001383	0.001183	0.004582	0.000945	0.001038

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Install High Efficiency Lighting

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0144	0.1309	0.1099	7.9000e-004		9.9500e-003	9.9500e-003		9.9500e-003	9.9500e-003		157.0477	157.0477	3.0100e-003	2.8800e-003	157.9810
NaturalGas Unmitigated	0.0144	0.1309	0.1099	7.9000e-004		9.9500e-003	9.9500e-003		9.9500e-003	9.9500e-003		157.0477	157.0477	3.0100e-003	2.8800e-003	157.9810

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Discount Club	932.777	0.0101	0.0915	0.0768	5.5000e-004		6.9500e-003	6.9500e-003		6.9500e-003	6.9500e-003		109.7385	109.7385	2.1000e-003	2.0100e-003	110.3906
Gasoline/Service Station	402.128	4.3400e-003	0.0394	0.0331	2.4000e-004		3.0000e-003	3.0000e-003		3.0000e-003	3.0000e-003		47.3092	47.3092	9.1000e-004	8.7000e-004	47.5903
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0144**	**0.1309**	**0.1099**	**7.9000e-004**		**9.9500e-003**	**9.9500e-003**		**9.9500e-003**	**9.9500e-003**		**157.0477**	**157.0477**	**3.0100e-003**	**2.8800e-003**	**157.9809**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Discount Club	0.932777	0.0101	0.0915	0.0768	5.5000e-004		6.9500e-003	6.9500e-003		6.9500e-003	6.9500e-003		109.7385	109.7385	2.1000e-003	2.0100e-003	110.3906
Gasoline/Service Station	0.402128	4.3400e-003	0.0394	0.0331	2.4000e-004		3.0000e-003	3.0000e-003		3.0000e-003	3.0000e-003		47.3092	47.3092	9.1000e-004	8.7000e-004	47.5903
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0144**	**0.1309**	**0.1099**	**7.9000e-004**		**9.9500e-003**	**9.9500e-003**		**9.9500e-003**	**9.9500e-003**		**157.0477**	**157.0477**	**3.0100e-003**	**2.8800e-003**	**157.9809**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	3.4735	9.3000e-004	0.1009	1.0000e-005		3.6000e-004	3.6000e-004		3.6000e-004	3.6000e-004		0.2154	0.2154	5.7000e-004		0.2297
Unmitigated	3.4735	9.3000e-004	0.1009	1.0000e-005		3.6000e-004	3.6000e-004		3.6000e-004	3.6000e-004		0.2154	0.2154	5.7000e-004		0.2297

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.2248					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	3.2392					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	9.4200e-003	9.3000e-004	0.1009	1.0000e-005		3.6000e-004	3.6000e-004		3.6000e-004	3.6000e-004		0.2154	0.2154	5.7000e-004		0.2297
Total	**3.4735**	**9.3000e-004**	**0.1009**	**1.0000e-005**		**3.6000e-004**	**3.6000e-004**		**3.6000e-004**	**3.6000e-004**		**0.2154**	**0.2154**	**5.7000e-004**		**0.2297**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.2248					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	3.2392					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	9.4200e-003	9.3000e-004	0.1009	1.0000e-005		3.6000e-004	3.6000e-004		3.6000e-004	3.6000e-004		0.2154	0.2154	5.7000e-004		0.2297
Total	**3.4735**	**9.3000e-004**	**0.1009**	**1.0000e-005**		**3.6000e-004**	**3.6000e-004**		**3.6000e-004**	**3.6000e-004**		**0.2154**	**0.2154**	**5.7000e-004**		**0.2297**

7.0 Water Detail

7.1 Mitigation Measures Water

Install Low Flow Bathroom Faucet

Install Low Flow Toilet

Use Water Efficient Irrigation System

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
Forklifts	3	8.00	365	89	0.20	CNG

UnMitigated/Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Equipment Type	lb/day										lb/day					
Forklifts	0.3880	3.5374	3.5036	4.5800e-003		0.2511	0.2511		0.2310	0.2310		444.0925	444.0925	0.1436		447.6832
Total	**0.3880**	**3.5374**	**3.5036**	**4.5800e-003**		**0.2511**	**0.2511**		**0.2310**	**0.2310**		**444.0925**	**444.0925**	**0.1436**		**447.6832**

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

2021 Operation Mobile Source Assumptions Summary

Project Vehicle	EMFAC Class	Average Daily Trip Length (miles)	Max Daily Trips (trips/day)	Max Daily VMT (VMT/day)	Annual Trips (trips/year)	Annual VMT (VMT/year)
Costco Delivery Trucks	HHDT and MHDT	39.9	10	399	3,650	145,635
Costco Fuel Trucks	HHDT and MHDT	36.5	9	329	3,285	119,903
Vineyard II Delivery Trucks	HHDT and MHDT	7.9	8	63	416	3,286
Costco Employees/Customers	LDA, LDT1, LDT2, LHDT1, LHDT2, MCY, MDV, MH, OBUS, SBUS, and UBUS Composite	11.87	8,359	99,221	3,051,035	36,215,785
Vineyard II Employees	LDA, LDT1, LDT2, LHDT1, LHDT2, MCY, MDV, MH, OBUS, SBUS, and UBUS Composite	18.5	35	648	12,775	236,338
Vineyard II Customers	LDA, LDT1, LDT2, LHDT1, LHDT2, MCY, MDV, MH, OBUS, SBUS, and UBUS Composite	10.1	4,359	44,026	1,591,035	16,069,454

Notes:

*Costco fuel delivery truck distance assumed to originate from Colton, California.
*Costco delivery truck distance assumed to originate from Mira Loma, California.
*Vineyard II delivery truck distance assumed CalEEMod default.
*Costco employees/customers trip length was assumed from Neelam at Kittelson.
*Vineyard employees/customers trip length was assumed as CalEEMod defaults.
*Vineyard II delivery trucks assumed 8 trucks per week, but assumed 8 trucks per day as worst-case. Data provided by applicant.
*Costco delivery truck trip rates provided by applicant.

Project Vehicle	EMFAC Class	Average Daily Trip Length (miles)	Max Daily Trips (trips/day)	Max Daily VMT (VMT/day)	Annual Trips (trips/year)	Annual VMT (VMT/year)
Costco Delivery Trucks	HHDT and MHDT	39.9	10	399	3,650	145,635
Costco Fuel Trucks	HHDT and MHDT	36.5	9	329	3,285	119,903
Vineyard II Delivery Trucks	HHDT and MHDT	7.9	8	63	416	3,286
Costco Employees/Customers	LDA, LDT1, LDT2, LHDT1, LHDT2, MCY, MDV, MH, OBUS, SBUS, and UBUS Composite	11.87	8359	99,221	3,051,035	36,215,785
Vineyard II Employees	LDA, LDT1, LDT2, LHDT1, LHDT2, MCY, MDV, MH, OBUS, SBUS, and UBUS Composite	18.5	35	648	12,775	236,338
Vineyard II Customers	LDA, LDT1, LDT2, LHDT1, LHDT2, MCY, MDV, MH, OBUS, SBUS, and UBUS Composite	10.1	4359	44,026	1,591,035	16,069,454

Project Vehicle	EMFAC Class	Max Daily Trips (trips/day)	Annual Trips (trips/year)
Costco Delivery Trucks	HHDT and MHDT	10	3,650
Costco Fuel Trucks	HHDT and MHDT	9	3,285
Vineyard II Delivery Trucks	HHDT and MHDT	8	416
Costco Employees/Customers	LDA, LDT1, LDT2, LHDT1, LHDT2, MCY, MDV, MH, OBUS, SBUS, and UBUS Composite	8359	3,051,035
Vineyard II Employees	LDA, LDT1, LDT2, LHDT1, LHDT2, MCY, MDV, MH, OBUS, SBUS, and UBUS Composite	35	12,775
Vineyard II Customers	LDA, LDT1, LDT2, LHDT1, LHDT2, MCY, MDV, MH, OBUS, SBUS, and UBUS Composite	4,359	1,591,035

Project Vehicle	EMFAC Class	Idling Minutes per Day (min/day)	Idling Minutes per Year (min/year)
Costco Delivery Trucks	HHDT and MHDT	150	54,750
Costco Fuel Trucks	HHDT and MHDT	135	49,275
Vineyard II Delivery Trucks	HHDT and MHDT	120	6,240

2021 Operation Mobile Source Assumptions Summary

Project Vehicle	EMFAC Class	Average Daily Trip Length (miles)	Max Daily Trips (trips/day)	Max Daily VMT (VMT/day)	Annual Trips (trips/year)	Annual VMT (VMT/year)
Costco Delivery Trucks	HHDT and MHDT	39.9	10	399	3,650	145,635
Costco Fuel Trucks	HHDT and MHDT	36.5	9	329	3,285	119,903
Vineyard II Delivery Trucks	HHDT and MHDT	7.9	8	63	416	3,286
Costco Employees/Customers	LDA, LDT1, LDT2, LHDT1, LHDT2, MCY, MDV, MH, OBUS, SBUS, and UBUS Composite	11.87	8,359	99,221	3,051,035	36,215,785
Vineyard II Employees	LDA, LDT1, LDT2, LHDT1, LHDT2, MCY, MDV, MH, OBUS, SBUS, and UBUS Composite	18.5	35	648	12,775	236,338
Vineyard II Customers	LDA, LDT1, LDT2, LHDT1, LHDT2, MCY, MDV, MH, OBUS, SBUS, and UBUS Composite	10.1	4,359	44,026	1,591,035	16,069,454

Notes:

*Costco fuel delivery truck distance assumed to originate from Colton, California.

*Costco delivery truck distance assumed to originate from Mira Loma, California.

*Vineyard II delivery truck distance assumed CalEEMod default.

*Costco employees/customers trip length was assumed from Neelam at Kittelson.

*Vineyard employees/customers trip length was assumed as CalEEMod defaults.

*Vineyard II delivery trucks assumed 8 trucks per week, but assumed 8 trucks per day as worst-case. Data provided by applicant.

*Costco delivery truck trip rates provided by applicant.

2022 Operation Mobile Source Emissions Summary - Annual Emissions

Emissions - Annual

	(Tons/Year)									(Metric Tons/Year)
	ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	CO2e
	Running Exhaust, Tire Wear, and Break Wear									
Costco Delivery Trucks	0.01	0.47	0.05	0.00	0.01	0.01	183.67	0.00	0.03	192.28
Costco Fuel Trucks	0.01	0.39	0.04	0.00	0.01	0.01	151.22	0.00	0.02	158.31
Vineyard II Delivery Trucks	0.00	0.01	0.00	0.00	0.00	0.00	4.14	0.00	0.00	4.34
Costco Employees/Customers	1.10	5.34	39.15	0.13	0.08	0.07	11,673.65	0.34	0.32	11,776.78
Vineyard II Employees	0.01	0.03	0.26	0.00	0.00	0.00	76.18	0.00	0.00	76.85
Vineyard II Customers	0.49	2.37	17.37	0.06	0.04	0.03	5,179.76	0.15	0.14	5,225.52
Subtotal	*1.62*	*8.63*	*56.88*	*0.19*	*0.13*	*0.12*	*17,268.62*	*0.49*	*0.51*	*17,434.08*

	PM10	PM2.5
	Paved Road - PM only	
Costco Delivery Trucks	0.27	0.07
Costco Fuel Trucks	0.22	0.05
Vineyard II Delivery Trucks	0.01	0.00
Costco Employees/Customers	11.97	2.94
Vineyard II Employees	0.08	0.02
Vineyard II Customers	5.31	1.30
Subtotal	*17.86*	*4.38*

Project Vehicle	EMFAC Class	Max Daily Trips (trips/day)	Annual Trips (trips/year)	ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	CO2e
				Starting Exhaust, Hot Soak, Running Loss Evaporative, Resting Loss Evap, Diurnal Loss Evap									
Costco Delivery Trucks	HHDT and MHDT	10	3,650	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Costco Fuel Trucks	HHDT and MHDT	9	3,285	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vineyard II Delivery Trucks	HHDT and MHDT	8	416	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Costco Employees/Customers	LDA, LDT1, LDT2, LHDT1, LHDT2, MCY, MDV, MH, OBUS, SBUS, and UBUS Composite	8359	3,051,035	0.99	0.86	7.87	0.00	0.01	0.01	177.79	0.18	0.09	208.49
Vineyard II Employees	LDA, LDT1, LDT2, LHDT1, LHDT2, MCY, MDV, MH, OBUS, SBUS, and UBUS Composite	35	12,775	0.00	0.00	0.03	0.00	0.00	0.00	0.74	0.00	0.00	0.87
Vineyard II Customers	LDA, LDT1, LDT2, LHDT1, LHDT2, MCY, MDV, MH, OBUS, SBUS, and UBUS Composite	4,359	1,591,035	0.51	0.45	4.10	0.00	0.00	0.00	92.71	0.10	0.05	108.72
Subtotal				*1.50*	*1.33*	*12.01*	*0.00*	*0.01*	*0.01*	*271.25*	*0.28*	*0.13*	*318.08*

Project Vehicle	EMFAC Class	Idling Minutes per Day (min/day)	Idling Minutes per Year (min/year)
Costco Delivery Trucks	HHDT and MHDT	150	54,750
Costco Fuel Trucks	HHDT and MHDT	135	49,275
Vineyard II Delivery Trucks	HHDT and MHDT	120	6,240

	ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	CO2e
	Idling									
	0.00	0.13	0.07	0.00	0.00	0.00	15.93	0.00	0.00	16.68
	0.00	0.12	0.07	0.00	0.00	0.00	14.34	0.00	0.00	15.02
	0.00	0.02	0.01	0.00	0.00	0.00	1.82	0.00	0.00	1.90
Subtotal	*0.01*	*0.27*	*0.15*	*0.00*	*0.00*	*0.00*	*32.09*	*0.00*	*0.01*	*33.60*
TOTAL	**3.13**	**10.22**	**69.04**	**0.19**	**18.00**	**4.52**	**17,571.96**	**0.77**	**0.65**	**17,785.76**

2021 Operation Mobile Source Emissions Factors - EMFAC2017 Annual

Emission Factors: Summary

Project Vehicle	Vehicle Classes	Fuel	Speed	ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O
				Running Exhaust, Tire Wear, and Break Wear (grams/mile)								
Costco Delivery Trucks	HHDT and MHDT	Diesel	Aggregate	0.077	2.953	0.338	0.012	0.062	0.059	1,261.156	0.004	0.198
Costco Fuel Trucks	HHDT and MHDT	Diesel	Aggregate	0.077	2.953	0.338	0.012	0.062	0.059	1,261.156	0.004	0.198
Vineyard II Delivery Trucks	HHDT and MHDT	Diesel	Aggregate	0.077	2.953	0.338	0.012	0.062	0.059	1,261.156	0.004	0.198
Costco Employees/Customers	LDA, LDT1, LDT2, LHDT1, LHDT2, MCY, MDV, MH, OBUS, SBUS, and UBUS Composite	Gas, Electric, & Diesel (Aggregate)	Aggregate	0.028	0.134	0.981	0.003	0.002	0.002	322.336	0.009	0.009
Vineyard II Employees/Customers	LDA, LDT1, LDT2, LHDT1, LHDT2, MCY, MDV, MH, OBUS, SBUS, and UBUS Composite	Gas, Electric, & Diesel (Aggregate)	Aggregate	0.028	0.134	0.981	0.003	0.002	0.002	322.336	0.009	0.009

Project Vehicle	Vehicle Classes	PM10	PM2.5
		Paved Road - PM Only (grams/mile)	
Costco Delivery Trucks	HHDT and MHDT	1.680	0.412
Costco Fuel Trucks	HHDT and MHDT	1.680	0.412
Vineyard II Delivery Trucks	HHDT and MHDT	1.680	0.412
Costco Employees/Customers	LDA, LDT1, LDT2, LHDT1, LHDT2, MCY, MDV, MH, OBUS, SBUS, and UBUS Composite	0.300	0.074
Vineyard II Employees/Customers	LDA, LDT1, LDT2, LHDT1, LHDT2, MCY, MDV, MH, OBUS, SBUS, and UBUS Composite	0.300	0.074

Project Vehicle	Vehicle Classes	Fuel	ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O
			Starting Exhaust, Hot Soak, Running Loss Evaporative, Resting Loss Evap, Diurnal Loss Evap								
Costco Delivery Trucks	HHDT and MHDT	Diesel	0.000	1.868	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Costco Fuel Trucks	HHDT and MHDT	Diesel	0.000	1.868	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Vineyard II Delivery Trucks	HHDT and MHDT	Diesel	0.000	1.868	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Costco Employees/Customers	LDA, LDT1, LDT2, LHDT1, LHDT2, MCY, MDV, MH, OBUS, SBUS, and UBUS Composite	Gas, Electric, & Diesel (Aggregate)	0.293	0.256	2.341	0.001	0.002	0.002	58.272	0.060	0.029
Vineyard II Employees/Customers	LDA, LDT1, LDT2, LHDT1, LHDT2, MCY, MDV, MH, OBUS, SBUS, and UBUS Composite	Gas, Electric, & Diesel (Aggregate)	0.293	0.256	2.341	0.001	0.002	0.002	58.272	0.060	0.029

Project Vehicle	Vehicle Classes	Fuel	ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O
			Idling (grams/Idle-min/vehicle)								
Costco Delivery Trucks	HHDT and MHDT	Diesel	0.082	2.186	1.199	0.003	0.006	0.006	291.010	0.004	0.046
Costco Fuel Trucks	HHDT and MHDT	Diesel	0.082	2.186	1.199	0.003	0.000	0.006	291.010	0.004	0.046
Vineyard II Delivery Trucks	HHDT and MHDT	Diesel	0.082	2.186	1.199	0.003	0.000	0.006	291.010	0.004	0.046
Costco Employees/Customers	LDA, LDT1, LDT2, LHDT1, LHDT2, MCY, MDV, MH, OBUS, SBUS, and UBUS Composite	Gas, Electric, & Diesel (Aggregate)	0.005889	0.028059	0.048586	0.000031	0.000306	0.000293	3.239551	0.001336	0.000341
Vineyard II Employees/Customers	LDA, LDT1, LDT2, LHDT1, LHDT2, MCY, MDV, MH, OBUS, SBUS, and UBUS Composite	Gas, Electric, & Diesel (Aggregate)	0.005889	0.028059	0.048586	0.000031	0.000306	0.000293	3.239551	0.001336	0.000341

Table 5. Operation Mobile Source Emissions Factors - EMFAC2017 Annual ROG

Region	CalYr	VehClass	Fuel	Speed	Population	VMT	Trips	ROG_RUNEX (g/mile)	ROG_IDLEX (g/vehicle/day)	ROG_STREX (g/trip)	ROG_HOTSOAK (g/trip)	ROG_RUNLOSS (g/trip)	ROG_RESTLOSS (g/vehicle/day)	ROG_DIURN (g/vehicle/day)	ROG_RESTLOSS - Calculated (g/trip)	ROG_DIURN - Calculated (g/trip)	STEX HOTSOAK RUNLOSS ROG RESTLOSS DIURN_Combined - Calculated (g/trip)
RIVERSIDE	2021	HHDT	DSL	Aggregated	27,250.49	3,825,933.40	312,944.63	0.069391519	6.674635605	0	0	0	0	0			
RIVERSIDE	2021	MHDT	DSL	Aggregated	15,756.36	963,068.11	151,121.37	0.10899857	0.121790715	0	0	0	0	0			
						HHDT and MHDT Composite		**0.0774**	**5.3569**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	-	-	**0.0000**
RIVERSIDE	2021	LDA	GAS	Aggregated	750,300.86	29,816,029.44	3,552,291.91	0.009602328	0	0.232795569	0.105402549	0.217491148	0.261009473	0.343407408			
RIVERSIDE	2021	LDA	DSL	Aggregated	6,761.58	284,051.95	32,376.68	0.013990238	0	0	0	0	0	0			
RIVERSIDE	2021	LDA	ELEC	Aggregated	10,150.83	397,377.33	51,147.17	0	0	0	0.004888026	0	0.013145373	0.033904195			
RIVERSIDE	2021	LDT1	GAS	Aggregated	80,587.48	3,017,205.80	366,690.86	0.035483076	0	0.4430479	0.276223349	0.875954458	0.698940383	1.041787216			
RIVERSIDE	2021	LDT1	DSL	Aggregated	42.62	937.32	139.37	0.227241534	0	0	0	0	0	0			
RIVERSIDE	2021	LDT1	ELEC	Aggregated	312.67	12,704.03	1,592.30	0	0	0	0.004888026	0	0.013202439	0.03399097			
RIVERSIDE	2021	LDT2	GAS	Aggregated	246,596.51	9,631,963.54	1,154,462.90	0.017413067	0	0.338115375	0.142999259	0.44812701	0.42344546	0.528792856			
RIVERSIDE	2021	LDT2	DSL	Aggregated	1,288.99	58,422.34	6,390.04	0.014644006	0	0	0	0	0	0			
RIVERSIDE	2021	LDT2	ELEC	Aggregated	1,692.17	54,349.02	8,602.01	0	0	0	0.004888026	0	0.013449975	0.034377089			
RIVERSIDE	2021	LHDT1	GAS	Aggregated	20,885.97	692,854.05	311,169.90	0.030362952	0.45664908	0.139394104	0.144875353	0.900016328	0.041950008	0.085619247			
RIVERSIDE	2021	LHDT1	DSL	Aggregated	19,999.78	695,951.65	251,572.05	0.091595351	0.109759705	0	0	0	0	0			
RIVERSIDE	2021	LHDT2	GAS	Aggregated	3,292.65	108,726.45	49,055.53	0.019210087	0.458215314	0.131349004	0.126802162	0.737443749	0.037248979	0.074591692			
RIVERSIDE	2021	LHDT2	DSL	Aggregated	7,676.54	267,713.75	96,561.22	0.078330325	0.109759705	0	0	0	0	0			
RIVERSIDE	2021	MCY	GAS	Aggregated	35,659.72	267,522.39	71,319.43	2.157384874	0	1.828464455	0.840959534	1.867062557	1.80281581	3.312416247			
RIVERSIDE	2021	MDV	GAS	Aggregated	208,791.37	7,677,992.85	957,457.85	0.025925117	0	0.456295816	0.174547058	0.511157277	0.524858515	0.623929058			
RIVERSIDE	2021	MDV	DSL	Aggregated	3,985.67	171,354.65	19,488.50	0.011055038	0	0	0	0	0	0			
RIVERSIDE	2021	MDV	ELEC	Aggregated	787.11	25,973.70	4,035.65	0	0	0	0.004888026	0	0.013408762	0.034304648			
RIVERSIDE	2021	MH	GAS	Aggregated	6,261.09	50,694.81	626.36	0.057242631	0	0.136560801	0.097487626	2.083301676	0.062971744	0.181426509			
RIVERSIDE	2021	MH	DSL	Aggregated	2,593.42	21,461.99	259.34	0.071834435	0	0	0	0	0	0			
RIVERSIDE	2021	OBUS	GAS	Aggregated	589.48	27,261.01	11,794.32	0.052213006	0.745348379	0.160062539	0.030393095	0.330608581	0.028509534	0.066611643			
RIVERSIDE	2021	OBUS	DSL	Aggregated	347.99	24,855.13	3,314.36	0.121553962	1.087356733	0	0	0	0	0			
RIVERSIDE	2021	SBUS	GAS	Aggregated	475.47	19,228.88	1,901.89	0.039291887	10.6396621	0.315546527	0.067865525	0.418297024	0.019666069	0.041178415			
RIVERSIDE	2021	SBUS	DSL	Aggregated	1,131.96	35,858.76	13,062.61	0.125658958	0.279787069	0	0	0	0	0			
RIVERSIDE	2021	UBUS	GAS	Aggregated	163.48	23,017.82	653.94	0.011494717	0	0.214912296	0.028475413	0.136212861	0.008311322	0.013981999			
RIVERSIDE	2021	UBUS	DSL	Aggregated	1.11	58.57	4.42	0.000534846	0	0	0	0	0	0			
RIVERSIDE	2021	UBUS	ELEC	Aggregated	5.06	271.53	20.23	0	0	0	0	0	0	0			
RIVERSIDE	2021	UBUS	NG	Aggregated	306.62	41,979.73	1,226.49	0.077260262	0	0	0	0	0	0			
						LDA, LDT1, LDT2, LHDT1, LHDT2, MCY, MDV, MH, OBUS, SBUS, and UBUS Composite		**0.0275**	**0.0137**	**0.2931**	**0.1318**	**0.3500**	**0.3468**	**0.4539**	**0.076364**	**0.103926**	**0.9552**

EMFAC2017 (v1.0.2) Emission Rates
Region Type: County
Region: RIVERSIDE
Calendar Year: 2021
Season: Annual
Vehicle Classification: EMFAC2007 Categories
Units: miles/day for VMT, trips/day for Trips, g/mile for RUNEX, PMBW and PMTW, g/trip for STREX, HTSK and RUNLS, g/vehicle/day for IDLEX, RESTL and DIURN
Model Year: Aggregated

Notes:

Idle Duration:

HHDT	109.4	min/day
MHDT	5.86	min/day
LHDT1	1.74	min/day
LHDT2	1.87	min/day
OBUS	5.9	min/day

Table 6. Operation Mobile Source Emissions Factors - EMFAC2017 Annual TOG

Region	CalYr	VehClass	Fuel	Speed	Population	VMT	Trips	TOG_RUNEX (g/mile)	TOG_IDLEX (g/vehicle/day)	TOG_STREX (g/trip)	TOG_HOTSOAK (g/trip)	TOG_RUNLOSS (g/trip)	TOG_RESTLOSS (g/vehicle/day)	TOG_DIURN (g/vehicle/day)	TOG_RESTLOSS - Calculated (g/trip)	TOG_DIURN - Calculated (g/trip)	STEX HOTSOAK RUNLOSS TOG RESTLOSS DIURN_Combined - Calculated (g/trip)
RIVERSIDE	2021	HHDT	DSL	Aggregated	27,250.49	3,825,933.40	312,944.63	0.078996962	7.598564555	0	0	0	0	0			
RIVERSIDE	2021	MHDT	DSL	Aggregated	15,756.36	963,068.11	151,121.37	0.124086575	0.138649458	0	0	0	0	0			
						HHDT and MHDT Composite		**0.0881**	**6.0984**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	-	-	**0.0000**
RIVERSIDE	2021	LDA	GAS	Aggregated	750,300.86	29,816,029.44	3,552,291.91	0.014002226	0	0.254880348	0.105402549	0.217491148	0.261009473	0.343407408			
RIVERSIDE	2021	LDA	DSL	Aggregated	6,761.58	284,051.95	32,376.68	0.015926956	0	0	0	0	0	0			
RIVERSIDE	2021	LDA	ELEC	Aggregated	10,150.83	397,377.33	51,147.17	0	0	0	0.004888026	0	0.013145373	0.033904195			
RIVERSIDE	2021	LDT1	GAS	Aggregated	80,587.48	3,017,205.80	366,690.86	0.051733644	0	0.485078669	0.276223349	0.875954458	0.698940383	1.041787216			
RIVERSIDE	2021	LDT1	DSL	Aggregated	42.62	937.32	139.37	0.258699378	0	0	0	0	0	0			
RIVERSIDE	2021	LDT1	ELEC	Aggregated	312.67	12,704.03	1,592.30	0	0	0	0.004888026	0	0.013202439	0.03399097			
RIVERSIDE	2021	LDT2	GAS	Aggregated	246,596.51	9,631,963.54	1,154,462.90	0.025390862	0	0.370192498	0.142999259	0.44812701	0.42344546	0.528792856			
RIVERSIDE	2021	LDT2	DSL	Aggregated	1,288.99	58,422.34	6,390.04	0.016671227	0	0	0	0	0	0			
RIVERSIDE	2021	LDT2	ELEC	Aggregated	1,692.17	54,349.02	8,602.01	0	0	0	0.004888026	0	0.013449975	0.034377089			
RIVERSIDE	2021	LHDT1	GAS	Aggregated	20,885.97	692,854.05	311,169.90	0.044305549	0.666341266	0.152618998	0.144875353	0.900016328	0.041950008	0.085619247			
RIVERSIDE	2021	LHDT1	DSL	Aggregated	19,999.78	695,951.65	251,572.05	0.104275217	0.124954127	0	0	0	0	0			
RIVERSIDE	2021	LHDT2	GAS	Aggregated	3,292.65	108,726.45	49,055.53	0.028031314	0.66862671	0.143810626	0.126802162	0.737443749	0.037248979	0.074591692			
RIVERSIDE	2021	LHDT2	DSL	Aggregated	7,676.54	267,713.75	96,561.22	0.089173867	0.124954127	0	0	0	0	0			
RIVERSIDE	2021	MCY	GAS	Aggregated	35,659.72	267,522.39	71,319.43	2.653312451	0	1.989603115	0.840959534	1.867062557	1.80281581	3.312416247			
RIVERSIDE	2021	MDV	GAS	Aggregated	208,791.37	7,677,992.85	957,457.85	0.036736664	0	0.49954475	0.174547058	0.511157277	0.524858515	0.623929058			
RIVERSIDE	2021	MDV	DSL	Aggregated	3,985.67	171,354.65	19,488.50	0.012585426	0	0	0	0	0	0			
RIVERSIDE	2021	MDV	ELEC	Aggregated	787.11	25,973.70	4,035.65	0	0	0	0.004888026	0	0.013408762	0.034304648			
RIVERSIDE	2021	MH	GAS	Aggregated	6,261.09	50,694.81	626.36	0.083528312	0	0.149516887	0.097487626	2.083301676	0.062971744	0.181426509			
RIVERSIDE	2021	MH	DSL	Aggregated	2,593.42	21,461.99	259.34	0.081778728	0	0	0	0	0	0			
RIVERSIDE	2021	OBUS	GAS	Aggregated	589.48	27,261.01	11,794.32	0.076189096	1.087610606	0.175248333	0.030393095	0.330608581	0.028509534	0.066611643			
RIVERSIDE	2021	OBUS	DSL	Aggregated	347.99	24,855.13	3,314.36	0.138379933	1.237872869	0	0	0	0	0			
RIVERSIDE	2021	SBUS	GAS	Aggregated	475.47	19,228.88	1,901.89	0.05733463	15.52536996	0.345483729	0.067865525	0.418297024	0.019666069	0.041178415			
RIVERSIDE	2021	SBUS	DSL	Aggregated	1,131.96	35,858.76	13,062.61	0.143053159	0.318516281	0	0	0	0	0			
RIVERSIDE	2021	UBUS	GAS	Aggregated	163.48	23,017.82	653.94	0.016773063	0	0.235301913	0.028475413	0.136212861	0.008311322	0.013981999			
RIVERSIDE	2021	UBUS	DSL	Aggregated	1.11	58.57	4.42	0.03820325	0	0	0	0	0	0			
RIVERSIDE	2021	UBUS	ELEC	Aggregated	5.06	271.53	20.23	0	0	0	0	0	0	0			
RIVERSIDE	2021	UBUS	NG	Aggregated	306.62	41,979.73	1,226.49	5.321263218	0	0	0	0	0	0			
						LDA, LDT1, LDT2, LHDT1, LHDT2, MCY, MDV, MH, OBUS, SBUS, and UBUS Composite		**0.0410**	**0.0192**	**0.3209**	**0.1318**	**0.3500**	**0.3468**	**0.4539**	**0.076364**	**0.103926**	**0.9830**

EMFAC2017 (v1.0.2) Emission Rates
Region Type: County
Region: RIVERSIDE
Calendar Year: 2021
Season: Annual
Vehicle Classification: EMFAC2007 Categories
Units: miles/day for VMT, trips/day for Trips, g/mile for RUNEX, PMBW and PMTW, g/trip for STREX, HTSK and RUNLS, g/vehicle/day for IDLEX, RESTL and DIURN
Model Year: Aggregated

Notes:

Idle Duration:

HHDT	109.4	min/day
MHDT	5.86	min/day
LHDT1	1.74	min/day
LHDT2	1.87	min/day
OBUS	5.9	min/day

Table 7. Operation Mobile Source Emissions Factors - EMFAC2017 Annual NOx

Region	CalYr	VehClass	Fuel	Speed	Population	VMT	Trips	NOx_RUNEX (g/mile)	NOx_IDLEX (g/vehicle/day)	NOx_STREX (g/trip)
RIVERSIDE	2021	HHDT	DSL	Aggregated	27,250.49	3,825,933.40	312,944.63	3.050302234	84.40707568	1.995305353
RIVERSIDE	2021	MHDT	DSL	Aggregated	15,756.36	963,068.11	151,121.37	2.566818528	8.291138795	1.360943231
							HHDT and MHDT Composite	**2.9531**	**69.1002**	**1.8677**
RIVERSIDE	2021	LDA	GAS	Aggregated	750,300.86	29,816,029.44	3,552,291.91	0.039864156	0	0.192556111
RIVERSIDE	2021	LDA	DSL	Aggregated	6,761.58	284,051.95	32,376.68	0.080306763	0	0
RIVERSIDE	2021	LDA	ELEC	Aggregated	10,150.83	397,377.33	51,147.17	0	0	0
RIVERSIDE	2021	LDT1	GAS	Aggregated	80,587.48	3,017,205.80	366,690.86	0.144167957	0	0.307163619
RIVERSIDE	2021	LDT1	DSL	Aggregated	42.62	937.32	139.37	1.247543591	0	0
RIVERSIDE	2021	LDT1	ELEC	Aggregated	312.67	12,704.03	1,592.30	0	0	0
RIVERSIDE	2021	LDT2	GAS	Aggregated	246,596.51	9,631,963.54	1,154,462.90	0.089809766	0	0.311572364
RIVERSIDE	2021	LDT2	DSL	Aggregated	1,288.99	58,422.34	6,390.04	0.049149933	0	0
RIVERSIDE	2021	LDT2	ELEC	Aggregated	1,692.17	54,349.02	8,602.01	0	0	0
RIVERSIDE	2021	LHDT1	GAS	Aggregated	20,885.97	692,854.05	311,169.90	0.231434959	0.039862667	0.560264737
RIVERSIDE	2021	LHDT1	DSL	Aggregated	19,999.78	695,951.65	251,572.05	2.970645252	2.32175026	0
RIVERSIDE	2021	LHDT2	GAS	Aggregated	3,292.65	108,726.45	49,055.53	0.206234884	0.039962831	0.566952777
RIVERSIDE	2021	LHDT2	DSL	Aggregated	7,676.54	267,713.75	96,561.22	2.407893841	2.321112538	0
RIVERSIDE	2021	MCY	GAS	Aggregated	35,659.72	267,522.39	71,319.43	1.127843452	0	0.261147401
RIVERSIDE	2021	MDV	GAS	Aggregated	208,791.37	7,677,992.85	957,457.85	0.122181986	0	0.401304159
RIVERSIDE	2021	MDV	DSL	Aggregated	3,985.67	171,354.65	19,488.50	0.061111233	0	0
RIVERSIDE	2021	MDV	ELEC	Aggregated	787.11	25,973.70	4,035.65	0	0	0
RIVERSIDE	2021	MH	GAS	Aggregated	6,261.09	50,694.81	626.36	0.44409332	0	0.325639823
RIVERSIDE	2021	MH	DSL	Aggregated	2,593.42	21,461.99	259.34	4.426018795	0	0
RIVERSIDE	2021	OBUS	GAS	Aggregated	589.48	27,261.01	11,794.32	0.454755104	0.064999573	0.322250687
RIVERSIDE	2021	OBUS	DSL	Aggregated	347.99	24,855.13	3,314.36	3.058263078	19.2050775	1.543663927
RIVERSIDE	2021	SBUS	GAS	Aggregated	475.47	19,228.88	1,901.89	0.315026804	0.926404313	0.565308493
RIVERSIDE	2021	SBUS	DSL	Aggregated	1,131.96	35,858.76	13,062.61	7.228572669	46.77649668	0.714016556
RIVERSIDE	2021	UBUS	GAS	Aggregated	163.48	23,017.82	653.94	0.135055083	0	0.532333276
RIVERSIDE	2021	UBUS	DSL	Aggregated	1.11	58.57	4.42	0.47742212	0	0
RIVERSIDE	2021	UBUS	ELEC	Aggregated	5.06	271.53	20.23	0	0	0
RIVERSIDE	2021	UBUS	NG	Aggregated	306.62	41,979.73	1,226.49	0.4164713	0	0
							LDA, LDT1, LDT2, LHDT1, LHDT2, MCY, MDV, MH, OBUS, SBUS, and UBUS Composite	**0.1339**	**0.0888**	**0.2557**

Table 8. Operation Mobile Source Emissions Factors - EMFAC2017 Annual CO

Region	CalYr	VehClass	Fuel	Speed	Population	VMT	Trips	CO_RUNEX (g/mile)	CO_IDLEX (g/vehicle/day)	CO_STREX (g/trip)
RIVERSIDE	2021	HHDT	DSL	Aggregated	27,250.49	3,825,933.40	312,944.63	0.315149187	86.88741073	0
RIVERSIDE	2021	MHDT	DSL	Aggregated	15,756.36	963,068.11	151,121.37	0.428592321	2.373493441	0
						HHDT and MHDT Composite		**0.3380**	**69.8917**	**0.0000**
RIVERSIDE	2021	LDA	GAS	Aggregated	750,300.86	29,816,029.44	3,552,291.91	0.674064731	0	2.173111601
RIVERSIDE	2021	LDA	DSL	Aggregated	6,761.58	284,051.95	32,376.68	0.189719211	0	0
RIVERSIDE	2021	LDA	ELEC	Aggregated	10,150.83	397,377.33	51,147.17	0	0	0
RIVERSIDE	2021	LDT1	GAS	Aggregated	80,587.48	3,017,205.80	366,690.86	1.624369681	0	2.437699549
RIVERSIDE	2021	LDT1	DSL	Aggregated	42.62	937.32	139.37	1.392250777	0	0
RIVERSIDE	2021	LDT1	ELEC	Aggregated	312.67	12,704.03	1,592.30	0	0	0
RIVERSIDE	2021	LDT2	GAS	Aggregated	246,596.51	9,631,963.54	1,154,462.90	0.991721846	0	2.768784232
RIVERSIDE	2021	LDT2	DSL	Aggregated	1,288.99	58,422.34	6,390.04	0.113342345	0	0
RIVERSIDE	2021	LDT2	ELEC	Aggregated	1,692.17	54,349.02	8,602.01	0	0	0
RIVERSIDE	2021	LHDT1	GAS	Aggregated	20,885.97	692,854.05	311,169.90	0.815113183	3.750864443	1.738369425
RIVERSIDE	2021	LHDT1	DSL	Aggregated	19,999.78	695,951.65	251,572.05	0.631982506	0.909745076	0
RIVERSIDE	2021	LHDT2	GAS	Aggregated	3,292.65	108,726.45	49,055.53	0.516036149	3.761022038	1.656369869
RIVERSIDE	2021	LHDT2	DSL	Aggregated	7,676.54	267,713.75	96,561.22	0.53222324	0.909745076	0
RIVERSIDE	2021	MCY	GAS	Aggregated	35,659.72	267,522.39	71,319.43	19.61497932	0	8.553402736
RIVERSIDE	2021	MDV	GAS	Aggregated	208,791.37	7,677,992.85	957,457.85	1.227675544	0	3.349814856
RIVERSIDE	2021	MDV	DSL	Aggregated	3,985.67	171,354.65	19,488.50	0.180662093	0	0
RIVERSIDE	2021	MDV	ELEC	Aggregated	787.11	25,973.70	4,035.65	0	0	0
RIVERSIDE	2021	MH	GAS	Aggregated	6,261.09	50,694.81	626.36	1.818117839	0	2.958231148
RIVERSIDE	2021	MH	DSL	Aggregated	2,593.42	21,461.99	259.34	0.338926164	0	0
RIVERSIDE	2021	OBUS	GAS	Aggregated	589.48	27,261.01	11,794.32	1.364708688	5.769076586	3.300435244
RIVERSIDE	2021	OBUS	DSL	Aggregated	347.99	24,855.13	3,314.36	0.446632891	11.8662288	0
RIVERSIDE	2021	SBUS	GAS	Aggregated	475.47	19,228.88	1,901.89	0.867224067	82.22963641	7.364606276
RIVERSIDE	2021	SBUS	DSL	Aggregated	1,131.96	35,858.76	13,062.61	0.345841154	5.536053612	0
RIVERSIDE	2021	UBUS	GAS	Aggregated	163.48	23,017.82	653.94	0.192054476	0	4.380533465
RIVERSIDE	2021	UBUS	DSL	Aggregated	1.11	58.57	4.42	0.05712856	0	0
RIVERSIDE	2021	UBUS	ELEC	Aggregated	5.06	271.53	20.23	0	0	0
RIVERSIDE	2021	UBUS	NG	Aggregated	306.62	41,979.73	1,226.49	40.43881597	0	0
						LDA, LDT1, LDT2, LHDT1, LHDT2, MCY, MDV, MH, OBUS, SBUS, and UBUS Composite		**0.9808**	**0.1197**	**2.3405**

Table 9. Operation Mobile Source Emissions Factors - EMFAC2017 Annual SO2

Region	CalYr	VehClass	Fuel	Speed	Population	VMT	Trips	SO2_RUNEX (g/mile)	SO2_IDLEX (g/vehicle/day)	SO2_STREX (g/trip)
RIVERSIDE	2021	HHDT	DSL	Aggregated	27,250.49	3,825,933.40	312,944.63	0.012699034	0.153114387	0
RIVERSIDE	2021	MHDT	DSL	Aggregated	15,756.36	963,068.11	151,121.37	0.008799184	0.007909469	0
							HHDT and MHDT Composite	**0.0119**	**0.1239**	**0.0000**
RIVERSIDE	2021	LDA	GAS	Aggregated	750,300.86	29,816,029.44	3,552,291.91	0.002672291	0	0.000554362
RIVERSIDE	2021	LDA	DSL	Aggregated	6,761.58	284,051.95	32,376.68	0.001891571	0	0
RIVERSIDE	2021	LDA	ELEC	Aggregated	10,150.83	397,377.33	51,147.17	0	0	0
RIVERSIDE	2021	LDT1	GAS	Aggregated	80,587.48	3,017,205.80	366,690.86	0.003149954	0	0.000662585
RIVERSIDE	2021	LDT1	DSL	Aggregated	42.62	937.32	139.37	0.003763271	0	0
RIVERSIDE	2021	LDT1	ELEC	Aggregated	312.67	12,704.03	1,592.30	0	0	0
RIVERSIDE	2021	LDT2	GAS	Aggregated	246,596.51	9,631,963.54	1,154,462.90	0.003375768	0	0.00071679
RIVERSIDE	2021	LDT2	DSL	Aggregated	1,288.99	58,422.34	6,390.04	0.002539802	0	0
RIVERSIDE	2021	LDT2	ELEC	Aggregated	1,692.17	54,349.02	8,602.01	0	0	0
RIVERSIDE	2021	LHDT1	GAS	Aggregated	20,885.97	692,854.05	311,169.90	0.007859241	0.001212097	0.000188572
RIVERSIDE	2021	LHDT1	DSL	Aggregated	19,999.78	695,951.65	251,572.05	0.004598077	0.001301516	0
RIVERSIDE	2021	LHDT2	GAS	Aggregated	3,292.65	108,726.45	49,055.53	0.009007009	0.001397857	0.000214203
RIVERSIDE	2021	LHDT2	DSL	Aggregated	7,676.54	267,713.75	96,561.22	0.00499739	0.002091665	0
RIVERSIDE	2021	MCY	GAS	Aggregated	35,659.72	267,522.39	71,319.43	0.002061273	0	0.000600999
RIVERSIDE	2021	MDV	GAS	Aggregated	208,791.37	7,677,992.85	957,457.85	0.004197854	0	0.000899597
RIVERSIDE	2021	MDV	DSL	Aggregated	3,985.67	171,354.65	19,488.50	0.003439686	0	0
RIVERSIDE	2021	MDV	ELEC	Aggregated	787.11	25,973.70	4,035.65	0	0	0
RIVERSIDE	2021	MH	GAS	Aggregated	6,261.09	50,694.81	626.36	0.016661535	0	0.000260362
RIVERSIDE	2021	MH	DSL	Aggregated	2,593.42	21,461.99	259.34	0.008903009	0	0
RIVERSIDE	2021	OBUS	GAS	Aggregated	589.48	27,261.01	11,794.32	0.016555384	0.003784506	0.000264424
RIVERSIDE	2021	OBUS	DSL	Aggregated	347.99	24,855.13	3,314.36	0.010541024	0.023938106	0
RIVERSIDE	2021	SBUS	GAS	Aggregated	475.47	19,228.88	1,901.89	0.008816003	0.026319934	0.000472023
RIVERSIDE	2021	SBUS	DSL	Aggregated	1,131.96	35,858.76	13,062.61	0.011673226	0.035266119	0
RIVERSIDE	2021	UBUS	GAS	Aggregated	163.48	23,017.82	653.94	0.013790793	0	0.000521224
RIVERSIDE	2021	UBUS	DSL	Aggregated	1.11	58.57	4.42	0.010787911	0	0
RIVERSIDE	2021	UBUS	ELEC	Aggregated	5.06	271.53	20.23	0	0	0
RIVERSIDE	2021	UBUS	NG	Aggregated	306.62	41,979.73	1,226.49	0	0	0
							LDA, LDT1, LDT2, LHDT1, LHDT2, MCY, MDV, MH, OBUS, SBUS, and UBUS Composite	**0.0032**	**0.0001**	**0.0006**

Table 10. Operation Mobile Source Emissions Factors - EMFAC2017 Annual PM10

Region	CalYr	VehClass	Fuel	Speed	Population	VMT	Trips	PM10_RUNEX (g/mile)	PM10_IDLEX (g/vehicle/day)	PM10_STREX (g/trip)	PM10_PMTW (g/mile)	PM10_PMBW (g/mile)	PM10_Combined - Calculated (g/mile)
RIVERSIDE	2021	HHDT	DSL	Aggregated	27,250.49	3,825,933.40	312,944.63	0.054452552	0.123348315	0	0.035593372	0.061042633	
RIVERSIDE	2021	MHDT	DSL	Aggregated	15,756.36	963,068.11	151,121.37	0.090642513	0.029216617	0	0.012000003	0.130340037	
						HHDT and MHDT Composite		**0.0617**	**0.1044**	**0.0000**	**0.0308**	**0.0750**	**0.167557**
RIVERSIDE	2021	LDA	GAS	Aggregated	750,300.86	29,816,029.44	3,552,291.91	0.001407186	0	0.001964077	0.008000002	0.036750011	
RIVERSIDE	2021	LDA	DSL	Aggregated	6,761.58	284,051.95	32,376.68	0.007645761	0	0	0.008000002	0.036750011	
RIVERSIDE	2021	LDA	ELEC	Aggregated	10,150.83	397,377.33	51,147.17	0	0	0	0.008000002	0.036750011	
RIVERSIDE	2021	LDT1	GAS	Aggregated	80,587.48	3,017,205.80	366,690.86	0.002249763	0	0.002965001	0.008000002	0.036750011	
RIVERSIDE	2021	LDT1	DSL	Aggregated	42.62	937.32	139.37	0.174163625	0	0	0.008000002	0.036750011	
RIVERSIDE	2021	LDT1	ELEC	Aggregated	312.67	12,704.03	1,592.30	0	0	0	0.008000002	0.036750011	
RIVERSIDE	2021	LDT2	GAS	Aggregated	246,596.51	9,631,963.54	1,154,462.90	0.001479348	0	0.001983814	0.008000002	0.036750011	
RIVERSIDE	2021	LDT2	DSL	Aggregated	1,288.99	58,422.34	6,390.04	0.006020956	0	0	0.008000002	0.036750011	
RIVERSIDE	2021	LDT2	ELEC	Aggregated	1,692.17	54,349.02	8,602.01	0	0	0	0.008000002	0.036750011	
RIVERSIDE	2021	LHDT1	GAS	Aggregated	20,885.97	692,854.05	311,169.90	0.001074259	0	0.000420534	0.008000002	0.076440022	
RIVERSIDE	2021	LHDT1	DSL	Aggregated	19,999.78	695,951.65	251,572.05	0.02102497	0.027286864	0	0.012000003	0.076440022	
RIVERSIDE	2021	LHDT2	GAS	Aggregated	3,292.65	108,726.45	49,055.53	0.000915661	0	0.000339466	0.008000002	0.089180026	
RIVERSIDE	2021	LHDT2	DSL	Aggregated	7,676.54	267,713.75	96,561.22	0.019395893	0.027303987	0	0.012000003	0.089180026	
RIVERSIDE	2021	MCY	GAS	Aggregated	35,659.72	267,522.39	71,319.43	0.001757318	0	0.002866434	0.004000001	0.011760003	
RIVERSIDE	2021	MDV	GAS	Aggregated	208,791.37	7,677,992.85	957,457.85	0.001495188	0	0.002105384	0.008000002	0.036750011	
RIVERSIDE	2021	MDV	DSL	Aggregated	3,985.67	171,354.65	19,488.50	0.005282657	0	0	0.008000002	0.036750011	
RIVERSIDE	2021	MDV	ELEC	Aggregated	787.11	25,973.70	4,035.65	0	0	0	0.008000002	0.036750011	
RIVERSIDE	2021	MH	GAS	Aggregated	6,261.09	50,694.81	626.36	0.001208637	0	0.000354272	0.012000003	0.130340037	
RIVERSIDE	2021	MH	DSL	Aggregated	2,593.42	21,461.99	259.34	0.144090167	0	0	0.016000005	0.130340037	
RIVERSIDE	2021	OBUS	GAS	Aggregated	589.48	27,261.01	11,794.32	0.000689727	0	0.000242813	0.012000003	0.130340037	
RIVERSIDE	2021	OBUS	DSL	Aggregated	347.99	24,855.13	3,314.36	0.080687755	0.077083029	0	0.012000003	0.130340037	
RIVERSIDE	2021	SBUS	GAS	Aggregated	475.47	19,228.88	1,901.89	0.000741736	0	0.0003123	0.008000002	0.744800204	
RIVERSIDE	2021	SBUS	DSL	Aggregated	1,131.96	35,858.76	13,062.61	0.044060934	0.053747619	0	0.012000003	0.744800213	
RIVERSIDE	2021	UBUS	GAS	Aggregated	163.48	23,017.82	653.94	0.001140864	0	0.000470171	0.009546243	0.105090841	
RIVERSIDE	2021	UBUS	DSL	Aggregated	1.11	58.57	4.42	0.004292743	0	0	0.012000007	0.130340079	
RIVERSIDE	2021	UBUS	ELEC	Aggregated	5.06	271.53	20.23	0	0	0	0.035889386	0.06205627	
RIVERSIDE	2021	UBUS	NG	Aggregated	306.62	41,979.73	1,226.49	0.003934649	0	0	0.028616727	0.078554835	
						LDA, LDT1, LDT2, LHDT1, LHDT2, MCY, MDV, MH, OBUS, SBUS, and UBUS Composite		**0.0020**	**0.0006**	**0.0018**	**0.0081**	**0.0390**	**0.049106**

Table 11. Operation Mobile Source Emissions Factors - EMFAC2017 Annual PM2.5

Region	CalYr	VehClass	Fuel	Speed	Population	VMT	Trips	PM2.5_RUNEX (g/mile)	PM2.5_IDLEX (g/vehicle/day)	PM2.5_STREX (g/trip)	PM2.5_PMTW (g/mile)	PM2.5_PMBW (g/mile)	PM2.5_Combined - Calculated (g/mile)
RIVERSIDE	2021	HHDT	DSL	Aggregated	27,250.49	3,825,933.40	312,944.63	0.052096959	0.118012321	0	0.008898343	0.026161128	
RIVERSIDE	2021	MHDT	DSL	Aggregated	15,756.36	963,068.11	151,121.37	0.086721358	0.027952719	0	0.003000001	0.055860016	
						HHDT and MHDT Composite		**0.0591**	**0.0999**	**0.0000**	**0.0077**	**0.0321**	**0.098906**
RIVERSIDE	2021	LDA	GAS	Aggregated	750,300.86	29,816,029.44	3,552,291.91	0.001293882	0	0.001805983	0.002000001	0.015750005	
RIVERSIDE	2021	LDA	DSL	Aggregated	6,761.58	284,051.95	32,376.68	0.007315009	0	0	0.002000001	0.015750005	
RIVERSIDE	2021	LDA	ELEC	Aggregated	10,150.83	397,377.33	51,147.17	0	0	0	0.002000001	0.015750005	
RIVERSIDE	2021	LDT1	GAS	Aggregated	80,587.48	3,017,205.80	366,690.86	0.002068731	0	0.002726449	0.002000001	0.015750005	
RIVERSIDE	2021	LDT1	DSL	Aggregated	42.62	937.32	139.37	0.166629383	0	0	0.002000001	0.015750005	
RIVERSIDE	2021	LDT1	ELEC	Aggregated	312.67	12,704.03	1,592.30	0	0	0	0.002000001	0.015750005	
RIVERSIDE	2021	LDT2	GAS	Aggregated	246,596.51	9,631,963.54	1,154,462.90	0.001360267	0	0.001824137	0.002000001	0.015750005	
RIVERSIDE	2021	LDT2	DSL	Aggregated	1,288.99	58,422.34	6,390.04	0.005760492	0	0	0.002000001	0.015750005	
RIVERSIDE	2021	LDT2	ELEC	Aggregated	1,692.17	54,349.02	8,602.01	0	0	0	0.002000001	0.015750005	
RIVERSIDE	2021	LHDT1	GAS	Aggregated	20,885.97	692,854.05	311,169.90	0.000987741	0	0.000386665	0.002000001	0.032760009	
RIVERSIDE	2021	LHDT1	DSL	Aggregated	19,999.78	695,951.65	251,572.05	0.020115439	0.026106446	0	0.003000001	0.032760009	
RIVERSIDE	2021	LHDT2	GAS	Aggregated	3,292.65	108,726.45	49,055.53	0.000841916	0	0.000312126	0.002000001	0.038220011	
RIVERSIDE	2021	LHDT2	DSL	Aggregated	7,676.54	267,713.75	96,561.22	0.018556835	0.026122829	0	0.003000001	0.038220011	
RIVERSIDE	2021	MCY	GAS	Aggregated	35,659.72	267,522.39	71,319.43	0.001644228	0	0.002699911	0.001	0.005040001	
RIVERSIDE	2021	MDV	GAS	Aggregated	208,791.37	7,677,992.85	957,457.85	0.001375619	0	0.001937165	0.002000001	0.015750005	
RIVERSIDE	2021	MDV	DSL	Aggregated	3,985.67	171,354.65	19,488.50	0.005054132	0	0	0.002000001	0.015750005	
RIVERSIDE	2021	MDV	ELEC	Aggregated	787.11	25,973.70	4,035.65	0	0	0	0.002000001	0.015750005	
RIVERSIDE	2021	MH	GAS	Aggregated	6,261.09	50,694.81	626.36	0.001111297	0	0.00032574	0.003000001	0.055860016	
RIVERSIDE	2021	MH	DSL	Aggregated	2,593.42	21,461.99	259.34	0.13785689	0	0	0.004000001	0.055860016	
RIVERSIDE	2021	OBUS	GAS	Aggregated	589.48	27,261.01	11,794.32	0.000634178	0	0.000223258	0.003000001	0.055860016	
RIVERSIDE	2021	OBUS	DSL	Aggregated	347.99	24,855.13	3,314.36	0.077197238	0.073748451	0	0.003000001	0.055860016	
RIVERSIDE	2021	SBUS	GAS	Aggregated	475.47	19,228.88	1,901.89	0.000681999	0	0.000287148	0.002000001	0.319200087	
RIVERSIDE	2021	SBUS	DSL	Aggregated	1,131.96	35,858.76	13,062.61	0.042154878	0.051422521	0	0.003000001	0.319200091	
RIVERSIDE	2021	UBUS	GAS	Aggregated	163.48	23,017.82	653.94	0.001048982	0	0.000432305	0.002386561	0.045038932	
RIVERSIDE	2021	UBUS	DSL	Aggregated	1.11	58.57	4.42	0.004107041	0	0	0.003000002	0.055860034	
RIVERSIDE	2021	UBUS	ELEC	Aggregated	5.06	271.53	20.23	0	0	0	0.008972347	0.026595544	
RIVERSIDE	2021	UBUS	NG	Aggregated	306.62	41,979.73	1,226.49	0.003764438	0	0	0.007154182	0.033666358	
						LDA, LDT1, LDT2, LHDT1, LHDT2, MCY, MDV, MH, OBUS, SBUS, and UBUS Composite		**0.0018**	**0.0006**	**0.0017**	**0.0020**	**0.0167**	**0.020600**

Table 12. Operation Mobile Source Emissions Factors - EMFAC2017 Annual CO2

Region	CalYr	VehClass	Fuel	Speed	Population	VMT	Trips	CO2_RUNEX (g/mile)	CO2_IDLEX (g/vehicle/day)	CO2_STREX (g/trip)
RIVERSIDE	2021	HHDT	DSL	Aggregated	27,250.49	3,825,933.40	312,944.63	1344.168147	16206.861	0
RIVERSIDE	2021	MHDT	DSL	Aggregated	15,756.36	963,068.11	151,121.37	931.376529	837.2019975	0
						HHDT and MHDT Composite		**1261.1558**	**13116.0229**	**0.0000**
RIVERSIDE	2021	LDA	GAS	Aggregated	750,300.86	29,816,029.44	3,552,291.91	270.0426224	0	56.01990673
RIVERSIDE	2021	LDA	DSL	Aggregated	6,761.58	284,051.95	32,376.68	200.0901118	0	0
RIVERSIDE	2021	LDA	ELEC	Aggregated	10,150.83	397,377.33	51,147.17	0	0	0
RIVERSIDE	2021	LDT1	GAS	Aggregated	80,587.48	3,017,205.80	366,690.86	318.3118731	0	66.95613292
RIVERSIDE	2021	LDT1	DSL	Aggregated	42.62	937.32	139.37	398.0782468	0	0
RIVERSIDE	2021	LDT1	ELEC	Aggregated	312.67	12,704.03	1,592.30	0	0	0
RIVERSIDE	2021	LDT2	GAS	Aggregated	246,596.51	9,631,963.54	1,154,462.90	341.1310079	0	72.43369766
RIVERSIDE	2021	LDT2	DSL	Aggregated	1,288.99	58,422.34	6,390.04	268.6598839	0	0
RIVERSIDE	2021	LDT2	ELEC	Aggregated	1,692.17	54,349.02	8,602.01	0	0	0
RIVERSIDE	2021	LHDT1	GAS	Aggregated	20,885.97	692,854.05	311,169.90	794.1988069	122.4858556	19.05574424
RIVERSIDE	2021	LHDT1	DSL	Aggregated	19,999.78	695,951.65	251,572.05	486.3839212	137.6741944	0
RIVERSIDE	2021	LHDT2	GAS	Aggregated	3,292.65	108,726.45	49,055.53	910.1840975	141.2574218	21.64578338
RIVERSIDE	2021	LHDT2	DSL	Aggregated	7,676.54	267,713.75	96,561.22	528.6231579	221.2560171	0
RIVERSIDE	2021	MCY	GAS	Aggregated	35,659.72	267,522.39	71,319.43	208.2975104	0	60.73264947
RIVERSIDE	2021	MDV	GAS	Aggregated	208,791.37	7,677,992.85	957,457.85	424.2051611	0	90.90684367
RIVERSIDE	2021	MDV	DSL	Aggregated	3,985.67	171,354.65	19,488.50	363.8495244	0	0
RIVERSIDE	2021	MDV	ELEC	Aggregated	787.11	25,973.70	4,035.65	0	0	0
RIVERSIDE	2021	MH	GAS	Aggregated	6,261.09	50,694.81	626.36	1683.695829	0	26.31033794
RIVERSIDE	2021	MH	DSL	Aggregated	2,593.42	21,461.99	259.34	941.7589447	0	0
RIVERSIDE	2021	OBUS	GAS	Aggregated	589.48	27,261.01	11,794.32	1672.968923	382.4351647	26.72078395
RIVERSIDE	2021	OBUS	DSL	Aggregated	347.99	24,855.13	3,314.36	1115.746917	2533.802154	0
RIVERSIDE	2021	SBUS	GAS	Aggregated	475.47	19,228.88	1,901.89	890.8823265	2659.70473	47.6992529
RIVERSIDE	2021	SBUS	DSL	Aggregated	1,131.96	35,858.76	13,062.61	1235.588303	3732.850296	0
RIVERSIDE	2021	UBUS	GAS	Aggregated	163.48	23,017.82	653.94	1393.599069	0	52.67115841
RIVERSIDE	2021	UBUS	DSL	Aggregated	1.11	58.57	4.42	1141.143654	0	0
RIVERSIDE	2021	UBUS	ELEC	Aggregated	5.06	271.53	20.23	0	0	0
RIVERSIDE	2021	UBUS	NG	Aggregated	306.62	41,979.73	1,226.49	1751.725881	0	0
						LDA, LDT1, LDT2, LHDT1, LHDT2, MCY, MDV, MH, OBUS, SBUS, and UBUS Composite		**322.3359**	**9.9756**	**58.2718**

EMFAC2017 (v1.0.2) Emission Rates
Region Type: County
Region: RIVERSIDE
Calendar Year: 2021
Season: Annual
Vehicle Classification: EMFAC2007 Categories
Units: miles/day for VMT, trips/day for Trips, g/mile for RUNEX, PMBW and PMTW, g/trip for STREX, HTSK and RUNLS, g/vehicle/day for IDLEX, RESTL and DIURN
Model Year: Aggregated

Notes:

Idle Duration:

HHDT	109.4	min/day
MHDT	5.86	min/day
LHDT1	1.74	min/day
LHDT2	1.87	min/day

Table 14. Operation Mobile Source Emissions Factors - EMFAC2017 Annual N2O

Region	CalYr	VehClass	Fuel	Speed	Population	VMT	Trips	N2O_RUNEX (g/mile)	N2O_IDLEX (g/vehicle/day)	N2O_STREX (g/trip)
RIVERSIDE	2021	HHDT	DSL	Aggregated	27,250.49	3,825,933.40	312,944.63	0.211284514	2.547492856	0
RIVERSIDE	2021	MHDT	DSL	Aggregated	15,756.36	963,068.11	151,121.37	0.14639942	0.131596495	0
						HHDT and MHDT Composite		**0.1982**	**2.0617**	**0.0000**
RIVERSIDE	2021	LDA	GAS	Aggregated	750,300.86	29,816,029.44	3,552,291.91	0.004583714	0	0.026531264
RIVERSIDE	2021	LDA	DSL	Aggregated	6,761.58	284,051.95	32,376.68	0.031451379	0	0
RIVERSIDE	2021	LDA	ELEC	Aggregated	10,150.83	397,377.33	51,147.17	0	0	0
RIVERSIDE	2021	LDT1	GAS	Aggregated	80,587.48	3,017,205.80	366,690.86	0.010448697	0	0.031698898
RIVERSIDE	2021	LDT1	DSL	Aggregated	42.62	937.32	139.37	0.062572357	0	0
RIVERSIDE	2021	LDT1	ELEC	Aggregated	312.67	12,704.03	1,592.30	0	0	0
RIVERSIDE	2021	LDT2	GAS	Aggregated	246,596.51	9,631,963.54	1,154,462.90	0.007321622	0	0.034550785
RIVERSIDE	2021	LDT2	DSL	Aggregated	1,288.99	58,422.34	6,390.04	0.042229592	0	0
RIVERSIDE	2021	LDT2	ELEC	Aggregated	1,692.17	54,349.02	8,602.01	0	0	0
RIVERSIDE	2021	LHDT1	GAS	Aggregated	20,885.97	692,854.05	311,169.90	0.014016537	0.003199344	0.043344142
RIVERSIDE	2021	LHDT1	DSL	Aggregated	19,999.78	695,951.65	251,572.05	0.076452779	0.021640466	0
RIVERSIDE	2021	LHDT2	GAS	Aggregated	3,292.65	108,726.45	49,055.53	0.01358551	0.003190519	0.043541308
RIVERSIDE	2021	LHDT2	DSL	Aggregated	7,676.54	267,713.75	96,561.22	0.083092199	0.034778365	0
RIVERSIDE	2021	MCY	GAS	Aggregated	35,659.72	267,522.39	71,319.43	0.065360025	0	0.014918649
RIVERSIDE	2021	MDV	GAS	Aggregated	208,791.37	7,677,992.85	957,457.85	0.009401256	0	0.038775803
RIVERSIDE	2021	MDV	DSL	Aggregated	3,985.67	171,354.65	19,488.50	0.057192078	0	0
RIVERSIDE	2021	MDV	ELEC	Aggregated	787.11	25,973.70	4,035.65	0	0	0
RIVERSIDE	2021	MH	GAS	Aggregated	6,261.09	50,694.81	626.36	0.026739893	0	0.034568137
RIVERSIDE	2021	MH	DSL	Aggregated	2,593.42	21,461.99	259.34	0.148031391	0	0
RIVERSIDE	2021	OBUS	GAS	Aggregated	589.48	27,261.01	11,794.32	0.0232953	0.005507052	0.025647146
RIVERSIDE	2021	OBUS	DSL	Aggregated	347.99	24,855.13	3,314.36	0.175379878	0.398278413	0
RIVERSIDE	2021	SBUS	GAS	Aggregated	475.47	19,228.88	1,901.89	0.020525539	0.086395573	0.052299699
RIVERSIDE	2021	SBUS	DSL	Aggregated	1,131.96	35,858.76	13,062.61	0.194217275	0.586752083	0
RIVERSIDE	2021	UBUS	GAS	Aggregated	163.48	23,017.82	653.94	0.014100645	0	0.057979306
RIVERSIDE	2021	UBUS	DSL	Aggregated	1.11	58.57	4.42	0.179371891	0	0
RIVERSIDE	2021	UBUS	ELEC	Aggregated	5.06	271.53	20.23	0	0	0
RIVERSIDE	2021	UBUS	NG	Aggregated	306.62	41,979.73	1,226.49	0.35710078	0	0
						LDA, LDT1, LDT2, LHDT1, LHDT2, MCY, MDV, MH, OBUS, SBUS, and UBUS Composite		**0.0088**	**0.0012**	**0.0287**

EMFAC2017 (v1.0.2) Emission Rates
Region Type: County
Region: RIVERSIDE
Calendar Year: 2021
Season: Annual
Vehicle Classification: EMFAC2007 Categories
Units: miles/day for VMT, trips/day for Trips, g/mile for RUNEX, PMBW and PMTW, g/trip for STREX, HTSK and RUNLS, g/vehicle/day for IDLEX, RESTL and DIURN
Model Year: Aggregated

Notes:

Idle Duration:

HHDT	109.4	min/day
MHDT	5.86	min/day
LHDT1	1.74	min/day
LHDT2	1.87	min/day
OBUS	5.9	min/day

Table 13. Operation Mobile Source Emissions Factors - EMFAC2017 Annual CH4

Region	CalYr	VehClass	Fuel	Speed	Population	VMT	Trips	CH4_RUNEX (g/mile)	CH4_IDLEX (g/vehicle/day)	CH4_STREX (g/trip)
RIVERSIDE	2021	HHDT	DSL	Aggregated	27,250.49	3,825,933.40	312,944.63	0.003223056	0.310019536	0
RIVERSIDE	2021	MHDT	DSL	Aggregated	15,756.36	963,068.11	151,121.37	0.005062701	0.005656863	0
						HHDT and MHDT Composite		**0.0036**	**0.2488**	**0.0000**
RIVERSIDE	2021	LDA	GAS	Aggregated	750,300.86	29,816,029.44	3,552,291.91	0.002518106	0	0.052644288
RIVERSIDE	2021	LDA	DSL	Aggregated	6,761.58	284,051.95	32,376.68	0.00064982	0	0
RIVERSIDE	2021	LDA	ELEC	Aggregated	10,150.83	397,377.33	51,147.17	0	0	0
RIVERSIDE	2021	LDT1	GAS	Aggregated	80,587.48	3,017,205.80	366,690.86	0.008046655	0	0.086850879
RIVERSIDE	2021	LDT1	DSL	Aggregated	42.62	937.32	139.37	0.010554935	0	0
RIVERSIDE	2021	LDT1	ELEC	Aggregated	312.67	12,704.03	1,592.30	0	0	0
RIVERSIDE	2021	LDT2	GAS	Aggregated	246,596.51	9,631,963.54	1,154,462.90	0.004292453	0	0.073037818
RIVERSIDE	2021	LDT2	DSL	Aggregated	1,288.99	58,422.34	6,390.04	0.000680186	0	0
RIVERSIDE	2021	LDT2	ELEC	Aggregated	1,692.17	54,349.02	8,602.01	0	0	0
RIVERSIDE	2021	LHDT1	GAS	Aggregated	20,885.97	692,854.05	311,169.90	0.00641186	0.12664908	0.028106684
RIVERSIDE	2021	LHDT1	DSL	Aggregated	19,999.78	695,951.65	251,572.05	0.004254429	0.005098128	0
RIVERSIDE	2021	LHDT2	GAS	Aggregated	3,292.65	108,726.45	49,055.53	0.004394994	0.12838992	0.026798655
RIVERSIDE	2021	LHDT2	DSL	Aggregated	7,676.54	267,713.75	96,561.22	0.003638294	0.005098128	0
RIVERSIDE	2021	MCY	GAS	Aggregated	35,659.72	267,522.39	71,319.43	0.318958566	0	0.241960085
RIVERSIDE	2021	MDV	GAS	Aggregated	208,791.37	7,677,992.85	957,457.85	0.005894739	0	0.092336904
RIVERSIDE	2021	MDV	DSL	Aggregated	3,985.67	171,354.65	19,488.50	0.000513485	0	0
RIVERSIDE	2021	MDV	ELEC	Aggregated	787.11	25,973.70	4,035.65	0	0	0
RIVERSIDE	2021	MH	GAS	Aggregated	6,261.09	50,694.81	626.36	0.01321138	0	0.03335229
RIVERSIDE	2021	MH	DSL	Aggregated	2,593.42	21,461.99	259.34	0.003336572	0	0
RIVERSIDE	2021	OBUS	GAS	Aggregated	589.48	27,261.01	11,794.32	0.011115275	0.198913901	0.030894637
RIVERSIDE	2021	OBUS	DSL	Aggregated	347.99	24,855.13	3,314.36	0.005645867	0.050504904	0
RIVERSIDE	2021	SBUS	GAS	Aggregated	475.47	19,228.88	1,901.89	0.008055131	2.409363322	0.054816562
RIVERSIDE	2021	SBUS	DSL	Aggregated	1,131.96	35,858.76	13,062.61	0.005836533	0.012995385	0
RIVERSIDE	2021	UBUS	GAS	Aggregated	163.48	23,017.82	653.94	0.003861045	0	0.055192551
RIVERSIDE	2021	UBUS	DSL	Aggregated	1.11	58.57	4.42	0.037433126	0	0
RIVERSIDE	2021	UBUS	ELEC	Aggregated	5.06	271.53	20.23	0	0	0
RIVERSIDE	2021	UBUS	NG	Aggregated	306.62	41,979.73	1,226.49	5.210992782	0	0
						LDA, LDT1, LDT2, LHDT1, LHDT2, MCY, MDV, MH, OBUS, SBUS, and UBUS Composite		**0.0094**	**0.0032**	**0.0602**

EMFAC2017 (v1.0.2) Emission Rates
Region Type: County
Region: RIVERSIDE
Calendar Year: 2021
Season: Annual
Vehicle Classification: EMFAC2007 Categories
Units: miles/day for VMT, trips/day for Trips, g/mile for RUNEX, PMBW and PMTW, g/trip for STREX, HTSK and RUNLS, g/vehicle/day for IDLEX, RESTL and DIURN
Model Year: Aggregated

Notes:

Idle Duration:

HHDT	109.4	min/day
MHDT	5.86	min/day
LHDT1	1.74	min/day
LHDT2	1.87	min/day

Table 14. Paved Road Fugitive Emissions - Operation Mobile Sources

Equation:

$E = k \times (sL/2)^{0.91} \times (W)1.02$ [maximum day]

Where:			Units
k	particle size multiplier (PM_{10})	0.00220	lb/VMT
k	particle size multiplier ($PM_{2.5}$)	0.00054	lb/VMT
sL	silt loading (2)	0.1	g/m^2
W	average weight (tons) of the vehicle traveling the road	2.4	tons

Notes/References:
k = Emission factors from CalEEMod2016.3.1 per AP-42, Section 13.2.1 (Paved Roads).
sL = Silt loading from CalEEMod2016.3.2
For daily emissions it is assumed to have no precipitation.

Truck Weight Assumptions

EMFAC Definition	EMFAC Category	GVWR (pounds)	GVWR (tons)	
Heavy Heavy-Duty Truck	HHDT	>33,000	17	*Assumed 33,000 pounds*
Medium Heavy-Duty Truck	MHDT	14,001-33,000	8	*Assumed average of 14,001 & 33,000 pounds*
Composite Heavy & Medium Heavy-Duty Truck	HHDT & MHDT	14,001-33,000+	13	*Assumed average of HHDT & MHDT pounds*

Source: EMFAC 2014
GVWR = Gross Vehicle Weight Rating
1 pound = 0.0005 US tons

Employee Vehicles Evaluated:

Employee Type	Average Weight (tons)
Passenger Vehicles	2.4

Reference:
Source: CalEEMod2016.3.2 (average vehicle weight = 2.4 tons)
Per AP-42, Section 13.2.1 (Paved Roads): The above equation calls for the average weight of all vehicles traveling the road. For example, if 99 percent of traffic on the road are 2 ton cars/trucks while the remaining 1 percent consists of 20 ton trucks, then the mean weight "W" is 2.2 tons. More specifically, the above equation is not intended to be used to calculate a separate emission factor for each vehicle weight class. Instead, only one emission factor should be calculated to represent the "fleet" average weight of all vehicles traveling the road.

Emission Factors	**PM10 Paved Road (lb/VMT)**	**PM2.5 Paved Road (lb/VMT)**	**PM10 Paved Road (g/VMT)**	**PM2.5 Paved Road (g/VMT)**
HHDT	0.0049	0.0012	2.2087	0.5421
MHDT	0.0023	0.0006	1.0239	0.2513
HHDT & MHDT	0.0037	0.0009	1.6800	0.4124
Passenger Vehicles	0.0007	0.0002	0.2998	0.0736
Average	0.0022	0.0005	0.9899	0.2430

EMFAC2017 (v1.0.2) Emission Rates
Region Type: County
Region: RIVERSIDE
Calendar Year: 2021
Season: Annual
Vehicle Classification: EMFAC2007 Categories
Units: miles/day for VMT, trips/day for Trips, g/mile for RUNEX, PMBW and PMTW, g/trip for STREX, HTSK and RUNLS, g/vehicle/day for IDLEX, RESTL and DIURN

Region	Calendar Year	Vehicle Category	Fuel	Population	VMT	Trips	ROG_RUNEX	ROG_IDLEX	ROG_STREX	ROG_HOTSOAK	ROG_RUNLOSS	ROG_RESTLOSS	ROG_DIURN	TOG_RUNEX	TOG_IDLEX	TOG_STREX	TOG_HOTSOAK	TOG_RUNLOSS	TOG_RESTLOSS	TOG_DIURN	CO_RUNEX	CO_IDLEX	CO_STREX	NOx_RUNEX	NOx_IDLEX	NOx_STREX	CO2_RUNEX	CO2_IDLEX	CO2_STREX	CH4_RUNEX	CH4_IDLEX	CH4_STREX	PM10_RUNEX	PM10_IDLEX	PM10_STREX	PM10_PMTW	PM10_PMBW	PM2_5_RUNEX	PM2_5_IDLEX	PM2_5_STREX	PM2_5_PMTW	PM2_5_PMBW	SOx_RUNEX	SOx_IDLEX	SOx_STREX	N2O_RUNEX	N2O_IDLEX	N2O_STREX
RIVERSIDE	2021	HHDT	DSL	27250.49	3825933	312944.6	0.069392	6.674636	0	0	0	0	0	0.078997	7.598565	0	0	0	0	0	0.315149	86.88741	0	3.050302	84.40708	1.995305	1344.168	16206.86	0	0.003223	0.31002	0	0.054453	0.123348	0	0.035593	0.061043	0.052097	0.118012	0	0.008898	0.026161	0.012699	0.153114	0	0.211285	2.547493	0
RIVERSIDE	2021	MHDT	DSL	15756.36	963068.1	151121.4	0.108999	0.121791	0	0	0	0	0	0.124087	0.138649	0	0	0	0	0	0.428592	2.373493	0	2.566819	8.291139	1.360943	931.3765	837.202	0	0.005063	0.005657	0	0.090643	0.029217	0	0.012	0.13034	0.086721	0.027953	0	0.003	0.05586	0.008799	0.007909	0	0.146399	0.131596	0
RIVERSIDE	2021	LDA	GAS	750300.9	29816029	3552292	0.009602	0	0.232796	0.105403	0.217491	0.261009	0.343407	0.014002	0	0.25488	0.105403	0.217491	0.261009	0.343407	0.674065	0	2.173112	0.039864	0	0.192556	270.0426	0	56.01991	0.002518	0	0.052644	0.001407	0	0.001964	0.008	0.03675	0.001294	0	0.001806	0.002	0.01575	0.002672	0	0.000554	0.004584	0	0.026531
RIVERSIDE	2021	LDA	DSL	6761.576	284051.9	32376.68	0.01399	0	0	0	0	0	0	0.015927	0	0	0	0	0	0	0.189719	0	0	0.080307	0	0	200.0901	0	0	0.00065	0	0	0.007646	0	0	0.008	0.03675	0.007315	0	0	0.002	0.01575	0.001892	0	0	0.031451	0	0
RIVERSIDE	2021	LDA	ELEC	10150.83	397377.3	51147.17	0	0	0	0.004888	0	0.013145	0.033904	0	0	0	0.004888	0	0.013145	0.033904	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.008	0.03675	0	0	0	0.002	0.01575	0	0	0	0	0	0
RIVERSIDE	2021	LDT1	GAS	80587.48	3017206	366690.9	0.035483	0	0.443048	0.276223	0.875954	0.69894	1.041787	0.051734	0	0.485079	0.276223	0.875954	0.69894	1.041787	1.62437	0	2.4377	0.144168	0	0.307164	318.3119	0	66.95613	0.008047	0	0.086851	0.00225	0	0.002965	0.008	0.03675	0.002069	0	0.002726	0.002	0.01575	0.00315	0	0.000663	0.010449	0	0.031699
RIVERSIDE	2021	LDT1	DSL	42.61598	937.3229	139.3726	0.227242	0	0	0	0	0	0	0.258699	0	0	0	0	0	0	1.392251	0	0	1.247544	0	0	398.0782	0	0	0.010555	0	0	0.174164	0	0	0.008	0.03675	0.166629	0	0	0.002	0.01575	0.003763	0	0	0.062572	0	0
RIVERSIDE	2021	LDT1	ELEC	312.6717	12704.03	1592.297	0	0	0	0.004888	0	0.013202	0.033991	0	0	0	0.004888	0	0.013202	0.033991	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.008	0.03675	0	0	0	0.002	0.01575	0	0	0	0	0	0
RIVERSIDE	2021	LDT2	GAS	246596.5	9631964	1154463	0.017413	0	0.338115	0.142999	0.448127	0.423445	0.528793	0.025391	0	0.370192	0.142999	0.448127	0.423445	0.528793	0.991722	0	2.768784	0.08981	0	0.311572	341.131	0	72.4337	0.004292	0	0.073038	0.001479	0	0.001984	0.008	0.03675	0.00136	0	0.001824	0.002	0.01575	0.003376	0	0.000717	0.007322	0	0.034551
RIVERSIDE	2021	LDT2	DSL	1288.993	58422.34	6390.045	0.014644	0	0	0	0	0	0	0.016671	0	0	0	0	0	0	0.113342	0	0	0.04915	0	0	268.6599	0	0	0.00068	0	0	0.006021	0	0	0.008	0.03675	0.00576	0	0	0.002	0.01575	0.00254	0	0	0.04223	0	0
RIVERSIDE	2021	LDT2	ELEC	1692.169	54349.02	8602.01	0	0	0	0.004888	0	0.01345	0.034377	0	0	0	0.004888	0	0.01345	0.034377	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.008	0.03675	0	0	0	0.002	0.01575	0	0	0	0	0	0
RIVERSIDE	2021	LHDT1	GAS	20885.97	692854.1	311169.9	0.030363	0.456649	0.139394	0.144875	0.900016	0.04195	0.085619	0.044306	0.666341	0.152619	0.144875	0.900016	0.04195	0.085619	0.815113	3.750864	1.738369	0.231435	0.039863	0.560265	794.1988	122.4859	19.05574	0.006412	0.126649	0.028107	0.001074	0	0.000421	0.008	0.07644	0.000988	0	0.000387	0.002	0.03276	0.007859	0.001212	0.000189	0.014017	0.003199	0.043344
RIVERSIDE	2021	LHDT1	DSL	19999.78	695951.6	251572	0.091595	0.10976	0	0	0	0	0	0.104275	0.124954	0	0	0	0	0	0.631983	0.909745	0	2.970645	2.32175	0	486.3839	137.6742	0	0.004254	0.005098	0	0.021025	0.027287	0	0.012	0.07644	0.020115	0.026106	0	0.003	0.03276	0.004598	0.001302	0	0.076453	0.02164	0
RIVERSIDE	2021	LHDT2	GAS	3292.647	108726.5	49055.53	0.01921	0.458215	0.131349	0.126802	0.737444	0.037249	0.074592	0.028031	0.668627	0.143811	0.126802	0.737444	0.037249	0.074592	0.516036	3.761022	1.65637	0.206235	0.039963	0.566953	910.1841	141.2574	21.64578	0.004395	0.12839	0.026799	0.000916	0	0.000339	0.008	0.08918	0.000842	0	0.000312	0.002	0.03822	0.009007	0.001398	0.000214	0.013586	0.003191	0.043541
RIVERSIDE	2021	LHDT2	DSL	7676.541	267713.8	96561.22	0.07833	0.10976	0	0	0	0	0	0.089174	0.124954	0	0	0	0	0	0.532223	0.909745	0	2.407894	2.321113	0	528.6232	221.256	0	0.003638	0.005098	0	0.019396	0.027304	0	0.012	0.08918	0.018557	0.026123	0	0.003	0.03822	0.004997	0.002092	0	0.083092	0.034778	0
RIVERSIDE	2021	MCY	GAS	35659.72	267522.4	71319.43	2.157385	0	1.828464	0.84096	1.867063	1.802816	3.312416	2.653312	0	1.989603	0.84096	1.867063	1.802816	3.312416	19.61498	0	8.553403	1.127843	0	0.261147	208.2975	0	60.73265	0.318959	0	0.24196	0.001757	0	0.002866	0.004	0.01176	0.001644	0	0.0027	0.001	0.00504	0.002061	0	0.000601	0.06536	0	0.014919
RIVERSIDE	2021	MDV	GAS	208791.4	7677993	957457.8	0.025925	0	0.456296	0.174547	0.511157	0.524859	0.623929	0.036737	0	0.499545	0.174547	0.511157	0.524859	0.623929	1.227676	0	3.349815	0.122182	0	0.401304	424.2052	0	90.90684	0.005895	0	0.092337	0.001495	0	0.002105	0.008	0.03675	0.001376	0	0.001937	0.002	0.01575	0.004198	0	0.0009	0.009401	0	0.038776
RIVERSIDE	2021	MDV	DSL	3985.675	171354.6	19488.5	0.011055	0	0	0	0	0	0	0.012585	0	0	0	0	0	0	0.180662	0	0	0.061111	0	0	363.8495	0	0	0.000513	0	0	0.005283	0	0	0.008	0.03675	0.005054	0	0	0.002	0.01575	0.00344	0	0	0.057192	0	0
RIVERSIDE	2021	MDV	ELEC	787.1077	25973.7	4035.648	0	0	0	0.004888	0	0.013409	0.034305	0	0	0	0.004888	0	0.013409	0.034305	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.008	0.03675	0	0	0	0.002	0.01575	0	0	0	0	0	0
RIVERSIDE	2021	MH	GAS	6261.086	50694.81	626.359	0.057243	0	0.136561	0.097488	2.083302	0.062972	0.181427	0.083528	0	0.149517	0.097488	2.083302	0.062972	0.181427	1.818118	0	2.958231	0.444093	0	0.32564	1683.696	0	26.31034	0.013211	0	0.033352	0.001209	0	0.000354	0.012	0.13034	0.001111	0	0.000326	0.003	0.05586	0.016662	0	0.00026	0.02674	0	0.034568
RIVERSIDE	2021	MH	DSL	2593.425	21461.99	259.3425	0.071834	0	0	0	0	0	0	0.081779	0	0	0	0	0	0	0.338926	0	0	4.426019	0	0	941.7589	0	0	0.003337	0	0	0.14409	0	0	0.016	0.13034	0.137857	0	0	0.004	0.05586	0.008903	0	0	0.148031	0	0
RIVERSIDE	2021	OBUS	GAS	589.4801	27261.01	11794.32	0.052213	0.745348	0.160063	0.030393	0.330609	0.02851	0.066612	0.076189	1.087611	0.175248	0.030393	0.330609	0.02851	0.066612	1.364709	5.769077	3.300435	0.454755	0.065	0.322251	1672.969	382.4352	26.72078	0.011115	0.198914	0.030895	0.00069	0	0.000243	0.012	0.13034	0.000634	0	0.000223	0.003	0.05586	0.016555	0.003785	0.000264	0.023295	0.005507	0.025647
RIVERSIDE	2021	OBUS	DSL	347.993	24855.13	3314.356	0.121554	1.087357	0	0	0	0	0	0.13838	1.237873	0	0	0	0	0	0.446633	11.86623	0	3.058263	19.20508	1.543664	1115.747	2533.802	0	0.005646	0.050505	0	0.080688	0.077083	0	0.012	0.13034	0.077197	0.073748	0	0.003	0.05586	0.010541	0.023938	0	0.17538	0.398278	0
RIVERSIDE	2021	SBUS	GAS	475.4713	19228.88	1901.885	0.039292	10.63966	0.315547	0.067866	0.418297	0.019666	0.041178	0.057335	15.52537	0.345484	0.067866	0.418297	0.019666	0.041178	0.867224	82.22964	7.364606	0.315027	0.926404	0.565308	890.8823	2659.705	47.69925	0.008055	2.409363	0.054817	0.000742	0	0.000312	0.008	0.7448	0.000682	0	0.000287	0.002	0.3192	0.008816	0.02632	0.000472	0.020526	0.086396	0.0523
RIVERSIDE	2021	SBUS	DSL	1131.956	35858.76	13062.61	0.125659	0.279787	0	0	0	0	0	0.143053	0.318516	0	0	0	0	0	0.345841	5.536054	0	7.228573	46.7765	0.714017	1235.588	3732.85	0	0.005837	0.012995	0	0.044061	0.053748	0	0.012	0.7448	0.042155	0.051423	0	0.003	0.3192	0.011673	0.035266	0	0.194217	0.586752	0
RIVERSIDE	2021	UBUS	GAS	163.4848	23017.82	653.9394	0.011495	0	0.214912	0.028475	0.136213	0.008311	0.013982	0.016773	0	0.235302	0.028475	0.136213	0.008311	0.013982	0.192054	0	4.380533	0.135055	0	0.532333	1393.599	0	52.67116	0.003861	0	0.055193	0.001141	0	0.00047	0.009546	0.105091	0.001049	0	0.000432	0.002387	0.045039	0.013791	0	0.000521	0.014101	0	0.057979
RIVERSIDE	2021	UBUS	DSL	1.105798	58.5719	4.423192	0.000535	0	0	0	0	0	0	0.038203	0	0	0	0	0	0	0.057129	0	0	0.477422	0	0	1141.144	0	0	0.037433	0	0	0.004293	0	0	0.012	0.13034	0.004107	0	0	0.003	0.05586	0.010788	0	0	0.179372	0	0
RIVERSIDE	2021	UBUS	ELEC	5.058469	271.5304	20.23388	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.035889	0.062056	0	0	0	0.008972	0.026596	0	0	0	0	0	0
RIVERSIDE	2021	UBUS	NG	306.6216	41979.73	1226.486	0.07726	0	0	0	0	0	0	5.321263	0	0	0	0	0	0	40.43882	0	0	0.416471	0	0	1751.726	0	0	5.210993	0	0	0.003935	0	0	0.028617	0.078555	0.003764	0	0	0.007154	0.033666	0	0	0	0.357101	0	0

EMFAC2017 (v1.0.2) Emission Rates
Region Type: County
Region: RIVERSIDE
Calendar Year: 2021
Season: Annual
Vehicle Classification: EMFAC2007 Categories
Units: miles/day for VMT, trips/day for Trips, g/mile for RUNEX, PMBW and PMTW, g/trip for STREX, HTSK and RUNLS, g/vehicle/day for IDLEX, RESTL and DIURN

Region	Calendar Y	Vehicle Cat	Model Year	Speed	Fuel	VMT	ROG_RUNE	TOG_RUNE	CO_RUNEX	NOx_RUNE	SOx_RUNEX	CO2_RUNEX	CH4_RUNE	PM10_RUN	PM2_5_RU	N2O_RUNE
RIVERSIDE	2021	HHDT	Aggregated	15	DSL	6117.946	0.354765	0.403873	1.299278	8.95428	0.0235117	2488.6678	0.016478	0.050996	0.04879	0.391184
RIVERSIDE	2021	MHDT	Aggregated	15	DSL	1962.902	0.558851	0.636209	1.216541	5.64179	0.0153113	1620.6665	0.025957	0.122264	0.116975	0.254746
				HHDT and MHDT Composite			**0.404339**	**0.460309**	**1.27918**	**8.14965**	**0.02152**	**2277.8234**	**0.018781**	**0.068308**	**0.065353**	**0.358042**
RIVERSIDE	2021	LDA	Aggregated	15	GAS	91128.87	0.029149	0.042514	1.102773	0.056165	0.0043402	438.5889	0.00768	0.004343	0.003994	0.006493
RIVERSIDE	2021	LDA	Aggregated	15	DSL	866.093	0.078428	0.089285	1.265108	0.115069	0.0033934	358.95792	0.003643	0.01626	0.015556	0.056423
RIVERSIDE	2021	LDT1	Aggregated	15	GAS	9476.79	0.105023	0.153156	2.723957	0.204875	0.0051328	518.68428	0.023973	0.006775	0.00623	0.014925
RIVERSIDE	2021	LDT1	Aggregated	15	DSL	3.022153	0.517578	0.589229	2.30103	0.963934	0.0067818	717.37369	0.024041	0.386057	0.369357	0.112761
RIVERSIDE	2021	LDT2	Aggregated	15	GAS	30191.86	0.052573	0.076674	1.644382	0.127936	0.0054938	555.16844	0.013054	0.00454	0.004174	0.010467
RIVERSIDE	2021	LDT2	Aggregated	15	DSL	185.1373	0.097803	0.111342	0.801779	0.097778	0.0045917	485.70948	0.004543	0.012169	0.011642	0.076347
RIVERSIDE	2021	LHDT1	Aggregated	15	GAS	1575.873	0.080627	0.11765	1.264032	0.297867	0.0125908	1272.3383	0.017601	0.003334	0.003065	0.018831
RIVERSIDE	2021	LHDT1	Aggregated	15	DSL	1317.893	0.324148	0.369021	1.363446	2.224191	0.0064452	681.77034	0.015056	0.044409	0.042488	0.107165
RIVERSIDE	2021	LHDT2	Aggregated	15	GAS	254.5798	0.055888	0.081551	0.847833	0.285397	0.0144465	1459.8609	0.013119	0.002906	0.002672	0.019175
RIVERSIDE	2021	LHDT2	Aggregated	15	DSL	511.6154	0.312868	0.35618	1.335098	1.868752	0.0073402	776.44703	0.014532	0.041125	0.039346	0.122047
RIVERSIDE	2021	MCY	Aggregated	15	GAS	859.4828	5.687786	7.023187	30.46092	1.283257	0.0034005	343.63386	0.846304	0.00474	0.004431	0.074707
RIVERSIDE	2021	MDV	Aggregated	15	GAS	24009.85	0.074685	0.10677	1.997634	0.168394	0.0068197	689.15482	0.017454	0.004541	0.004177	0.01324
RIVERSIDE	2021	MDV	Aggregated	15	DSL	528.2126	0.07405	0.084302	1.315596	0.101553	0.0060222	637.02248	0.00344	0.010659	0.010198	0.100131
RIVERSIDE	2021	MH	Aggregated	15	GAS	111.9295	0.156157	0.227863	2.75631	0.569285	0.0267512	2703.2819	0.037458	0.003685	0.003388	0.036054
RIVERSIDE	2021	MH	Aggregated	15	DSL	43.21963	0.408399	0.464936	1.168444	8.685866	0.0147329	1558.4415	0.018969	0.198372	0.18979	0.244965
RIVERSIDE	2021	OBUS	Aggregated	15	GAS	60.35342	0.171818	0.250717	2.482051	0.665043	0.026465	2674.3597	0.036812	0.002268	0.002085	0.034064
RIVERSIDE	2021	OBUS	Aggregated	15	DSL	50.49645	0.655129	0.745814	1.53189	6.626309	0.0180531	1910.8831	0.030429	0.148454	0.142032	0.300364
RIVERSIDE	2021	SBUS	Aggregated	15	GAS	1334.714	0.079007	0.115287	1.127311	0.401377	0.0127076	1284.1368	0.016197	0.00149	0.00137	0.026153
RIVERSIDE	2021	SBUS	Aggregated	15	DSL	2489.027	0.309359	0.352182	0.662078	10.07733	0.0162329	1718.2166	0.014369	0.076993	0.073663	0.27008
RIVERSIDE	2021	UBUS	Aggregated	15	GAS	708.4647	0.030354	0.044293	0.373913	0.270287	0.025444	2571.1856	0.009994	0.002401	0.002208	0.026431
RIVERSIDE	2021	UBUS	Aggregated	15	DSL	4.45106	0.000669	0.04779	0.075759	0.64555	0.0125186	1324.2142	0.046826	0.003608	0.003452	0.208148
RIVERSIDE	2021	UBUS	Aggregated	15	NG	2868.768	0.095062	6.716966	48.37905	0.515691	0	2079.0259	6.580448	0.004077	0.0039	0.423823
LDT1, LDT2, LHDT1, LHDT2, MCY, MDV, MH, OBUS, SBUS, and UBUS Composite							**0.0832**	**0.2236**	**2.3699**	**0.2893**	**0.0053**	**577.2256**	**0.1274**	**0.0062**	**0.0058**	**0.0223**
RIVERSIDE	2021	HHDT	Aggregated	40	DSL	152385.4	0.081779	0.093099	0.362978	3.119809	0.0122671	1298.4503	0.003798	0.03525	0.033725	0.204098
RIVERSIDE	2021	MHDT	Aggregated	40	DSL	52970.02	0.118118	0.134468	0.441063	2.57359	0.0085861	908.82356	0.005486	0.067874	0.064937	0.142854
				HHDT and MHDT Composite			**0.091152**	**0.10377**	**0.383119**	**2.978916**	**0.011318**	**1197.9488**	**0.004234**	**0.043665**	**0.041776**	**0.188301**
RIVERSIDE	2021	LDA	Aggregated	40	GAS	3236940	0.00859	0.012526	0.721151	0.038405	0.0024528	247.8603	0.00225	0.001257	0.001156	0.004437
RIVERSIDE	2021	LDA	Aggregated	40	DSL	30893.43	0.013092	0.014904	0.17494	0.078444	0.001711	180.99256	0.000608	0.007315	0.006999	0.02845
RIVERSIDE	2021	LDT1	Aggregated	40	GAS	331059.6	0.032574	0.047494	1.713472	0.13594	0.0028961	292.66014	0.007379	0.002034	0.00187	0.009947
RIVERSIDE	2021	LDT1	Aggregated	40	DSL	104.5262	0.202058	0.23003	1.098963	1.189474	0.0034071	360.40766	0.009385	0.155049	0.148341	0.056651
RIVERSIDE	2021	LDT2	Aggregated	40	GAS	1054727	0.015747	0.022963	1.055776	0.0856	0.0031	313.26474	0.003876	0.001322	0.001216	0.007044
RIVERSIDE	2021	LDT2	Aggregated	40	DSL	6450.797	0.013729	0.015629	0.104944	0.048419	0.0023015	243.45424	0.000638	0.00583	0.005577	0.038268
RIVERSIDE	2021	LHDT1	Aggregated	40	GAS	40739.24	0.027466	0.040078	0.748143	0.222739	0.007124	719.89853	0.00583	0.000992	0.000912	0.013598

RIVERSIDE	2021	LHDT1	Aggregated	40	DSL	34141.32	0.084118	0.095762	0.445783	2.625827	0.0043045	455.32842	0.003907	0.019413	0.018573	0.071571
RIVERSIDE	2021	LHDT2	Aggregated	40	GAS	6463.931	0.017559	0.025622	0.522509	0.201203	0.0081693	825.53315	0.004038	0.000851	0.000782	0.01331
RIVERSIDE	2021	LHDT2	Aggregated	40	DSL	13242.88	0.073639	0.083834	0.388325	2.139454	0.0048488	512.90655	0.00342	0.018419	0.017622	0.080622
RIVERSIDE	2021	MCY	Aggregated	40	GAS	29585.31	1.905367	2.344276	17.05364	1.082923	0.0018726	189.23148	0.281905	0.001557	0.001457	0.062822
RIVERSIDE	2021	MDV	Aggregated	40	GAS	840989.6	0.023181	0.032894	1.272419	0.116149	0.0038532	389.37325	0.005286	0.001334	0.001228	0.009019
RIVERSIDE	2021	MDV	Aggregated	40	DSL	18672.93	0.010403	0.011844	0.168732	0.059572	0.0031048	328.42808	0.000483	0.00518	0.004956	0.051624
RIVERSIDE	2021	MH	Aggregated	40	GAS	3007.724	0.051425	0.075039	1.63218	0.425298	0.0151416	1530.106	0.011982	0.001109	0.00102	0.025945
RIVERSIDE	2021	MH	Aggregated	40	DSL	1166.787	0.070822	0.080627	0.356905	4.541918	0.0091898	972.0963	0.00329	0.102565	0.098128	0.1528
RIVERSIDE	2021	OBUS	Aggregated	40	GAS	1517.825	0.052485	0.076586	1.646238	0.476814	0.0149792	1513.6932	0.011106	0.000664	0.000611	0.023928
RIVERSIDE	2021	OBUS	Aggregated	40	DSL	1287.826	0.126452	0.143956	0.506494	3.040469	0.0101377	1073.0586	0.005873	0.06172	0.05905	0.16867
RIVERSIDE	2021	SBUS	Aggregated	40	GAS	2377.217	0.022638	0.033033	0.742926	0.275601	0.0071895	726.52128	0.004641	0.000428	0.000394	0.017956
RIVERSIDE	2021	SBUS	Aggregated	40	DSL	4433.126	0.060428	0.068793	0.215353	6.118131	0.0097467	1031.6744	0.002807	0.031683	0.030313	0.162165
RIVERSIDE	2021	UBUS	Aggregated	40	GAS	956.8002	0.004755	0.006938	0.130169	0.074171	0.0085365	862.63505	0.001681	0.000724	0.000666	0.008617
RIVERSIDE	2021	UBUS	Aggregated	40	DSL	0.543927	0.000325	0.023243	0.028624	0.134628	0.0076818	812.57551	0.022775	0.005031	0.004814	0.127726
RIVERSIDE	2021	UBUS	Aggregated	40	NG	568.5687	0.050632	2.690813	23.11583	0.25473	0	1143.2924	2.62249	0.005893	0.005638	0.233068
LDT1, LDT2, LHDT1, LHDT2, MCY, MDV, MH, OBUS, SBUS, and UBUS Composite							**0.0243**	**0.0330**	**1.0033**	**0.0991**	**0.0029**	**291.5876**	**0.0051**	**0.0016**	**0.0015**	**0.0075**
RIVERSIDE	2021	HHDT	Aggregated	55	DSL	376151.9	0.057161	0.065073	0.252131	2.505425	0.0114501	1211.9738	0.002655	0.052002	0.049752	0.190505
RIVERSIDE	2021	MHDT	Aggregated	55	DSL	131514.3	0.092928	0.105792	0.392824	2.296921	0.0081218	859.67935	0.004316	0.092052	0.08807	0.13513
HHDT and MHDT Composite							**0.066427**	**0.075622**	**0.288578**	**2.45141**	**0.010588**	**1120.7096**	**0.003085**	**0.062377**	**0.059679**	**0.17616**
RIVERSIDE	2021	MH	Aggregated	55	GAS	7528.319	0.048597	0.070913	1.624829	0.422652	0.016282	1645.3395	0.01121	0.001016	0.000934	0.025456
RIVERSIDE	2021	MH	Aggregated	55	DSL	2901.465	0.057431	0.065381	0.296787	4.208021	0.0085507	904.48815	0.002668	0.130889	0.125227	0.142173
RIVERSIDE	2021	OBUS	Aggregated	55	GAS	3769.636	0.047911	0.069912	1.39265	0.46314	0.0161025	1627.2047	0.010106	0.000601	0.000553	0.023137
RIVERSIDE	2021	OBUS	Aggregated	55	DSL	3194.626	0.104996	0.11953	0.389737	2.73354	0.0095663	1012.5765	0.004877	0.08027	0.076798	0.159163
RIVERSIDE	2021	SBUS	Aggregated	55	GAS	850.2137	0.020188	0.029459	0.593699	0.269825	0.0077287	781.00974	0.004139	0.000385	0.000354	0.017574
RIVERSIDE	2021	SBUS	Aggregated	55	DSL	1585.512	0.047543	0.054124	0.162682	5.936648	0.0091007	963.2938	0.002208	0.03824	0.036586	0.151416
RIVERSIDE	2021	UBUS	Aggregated	55	GAS	2229.27	0.004279	0.006245	0.104966	0.071357	0.0091802	927.68046	0.001513	0.000651	0.000599	0.00829
RIVERSIDE	2021	UBUS	Aggregated	55	DSL	1.267307	0.000261	0.018639	0.021245	0.08621	0.0073235	774.67582	0.018263	0.009308	0.008905	0.121768
RIVERSIDE	2021	UBUS	Aggregated	55	NG	1244.69	0.040678	2.340476	21.99851	0.212125	0	1064.1389	2.284701	0.0047	0.004497	0.216932
MH, OBUS, SBUS, and UBUS Composite							**0.051544**	**0.189098**	**2.058196**	**1.541945**	**0.01202**	**1285.7605**	**0.128726**	**0.030654**	**0.029309**	**0.074812**
RIVERSIDE	2021	LDA	Aggregated	65	GAS	3111329	0.009094	0.01326	0.502029	0.040896	0.0027792	280.84526	0.002392	0.001371	0.001261	0.004676
RIVERSIDE	2021	LDA	Aggregated	65	DSL	29791.73	0.011335	0.012904	0.150005	0.083862	0.0021149	223.71731	0.000526	0.007522	0.007197	0.035165
RIVERSIDE	2021	LDT1	Aggregated	65	GAS	306084.9	0.032114	0.046818	1.249693	0.155529	0.0032696	330.40565	0.007297	0.002141	0.001969	0.011077
RIVERSIDE	2021	LDT1	Aggregated	65	DSL	91.32748	0.242886	0.27651	1.938064	1.418251	0.0042003	444.31053	0.011282	0.188453	0.180301	0.069839
RIVERSIDE	2021	LDT2	Aggregated	65	GAS	978026.4	0.015948	0.023254	0.739766	0.093066	0.0035115	354.84808	0.00395	0.00143	0.001315	0.007505
RIVERSIDE	2021	LDT2	Aggregated	65	DSL	5932.307	0.010697	0.012178	0.084276	0.047995	0.0028193	298.21987	0.000497	0.005909	0.005653	0.046876
RIVERSIDE	2021	LHDT1	Aggregated	65	GAS	112919.9	0.03207	0.046797	0.88339	0.243375	0.0082173	830.38572	0.006733	0.00111	0.001021	0.014634
RIVERSIDE	2021	LHDT1	Aggregated	65	DSL	179296.3	0.094352	0.107413	0.741363	3.202053	0.0047087	498.08677	0.004382	0.022018	0.021066	0.078292
RIVERSIDE	2021	LHDT2	Aggregated	65	GAS	17416.04	0.019837	0.028947	0.506703	0.212753	0.0094129	951.20359	0.004518	0.000943	0.000867	0.013981
RIVERSIDE	2021	LHDT2	Aggregated	65	DSL	69274.71	0.07896	0.089891	0.613871	2.577165	0.0050352	532.6177	0.003668	0.01994	0.019078	0.08372
RIVERSIDE	2021	MCY	Aggregated	65	GAS	26311.07	2.278248	2.795843	24.48391	1.218487	0.0022366	226.01805	0.335384	0.001808	0.001693	0.070434
RIVERSIDE	2021	MDV	Aggregated	65	GAS	780586.7	0.024688	0.034814	0.991094	0.128379	0.0043819	442.80755	0.00556	0.001454	0.001337	0.009745
RIVERSIDE	2021	MDV	Aggregated	65	DSL	17623.38	0.007998	0.009105	0.129254	0.062305	0.0038612	408.43322	0.000371	0.004947	0.004733	0.0642
LDA, LDT1, LDT2, LHDT1, LHDT2, MCY, and MDV Composite							**0.096244**	**0.122371**	**1.722345**	**0.161753**	**0.004302**	**435.15492**	**0.015974**	**0.00154**	**0.001421**	**0.012846**

:X

$$RESTL_{CalEEMod} = \sum_{fueltype}(RESTL\_EmissionRate_i \times Population_i) / \sum_{fueltype} Trip_i$$

$$DIURN_{CalEEMod} = \sum_{fueltype}(DIURN\_EmissionRate_i \times Population_i) / \sum_{fueltype} Trip_i$$

RESTL	Resting Loss Evaporative	grams/vehicle/day	grams/trip
DIURN	Diurnal Loss Evaporative	grams/vehicle/day	grams/trip

2021 Operation Mobile Source Assumptions Summary

Project Vehicle	EMFAC Class	Average Daily Trip Length (miles)	Max Daily Trips (trips/day)	Max Daily VMT (VMT/day)	Annual Trips (trips/year)	Annual VMT (VMT/year)
Costco Delivery Trucks	HHDT and MHDT	39.9	10	399	3,650	145,635
Costco Fuel Trucks	HHDT and MHDT	36.5	9	329	3,285	119,903
Vineyard II Delivery Trucks	HHDT and MHDT	7.9	8	63	416	3,286
Costco Employees/Customers	LDA, LDT1, LDT2, LHDT1, LHDT2, MCY, MDV, MH, OBUS, SBUS, and UBUS Composite	11.87	8,359	99,221	3,051,035	36,215,785
Vineyard II Employees	LDA, LDT1, LDT2, LHDT1, LHDT2, MCY, MDV, MH, OBUS, SBUS, and UBUS Composite	18.5	35	648	12,775	236,338
Vineyard II Customers	LDA, LDT1, LDT2, LHDT1, LHDT2, MCY, MDV, MH, OBUS, SBUS, and UBUS Composite	10.1	4,359	44,026	1,591,035	16,069,454

Notes:
*Costco fuel delivery truck distance assumed to originate from Colton, California.
*Costco delivery truck distance assumed to originate from Mira Loma, California.
*Vineyard II delivery truck distance assumed CalEEMod default.
*Costco employees/customers trip length was assumed from Neelam at Kittelson.
*Vineyard employees/customers trip length was assumed as CalEEMod defaults.
*Vineyard II delivery trucks assumed 8 trucks per week, but assumed 8 trucks per day as worst-case. Data provided by applicant.
*Costco delivery truck trip rates provided by applicant.

2022 Operation Mobile Source Emissions Summary - Summer Daily Emissions

Emissions - Daily (Pounds/Day)

	ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	CO2e
	Running Exhaust, Tire Wear, and Break Wear									
Costco Delivery Trucks	0.07	2.45	0.30	0.01	0.05	0.05	1,109.37	0.00	0.17	1,161.41
Costco Fuel Trucks	0.06	2.02	0.24	0.01	0.04	0.04	913.35	0.00	0.14	956.20
Vineyard II Delivery Trucks	0.01	0.39	0.05	0.00	0.01	0.01	175.72	0.00	0.03	183.96
Costco Employees/Customers	6.40	27.36	255.15	0.74	0.43	0.40	75,508.65	2.15	1.84	76,111.71
Vineyard II Employees	0.04	0.18	1.67	0.00	0.00	0.00	492.76	0.01	0.01	496.69
Vineyard II Customers	2.84	12.14	113.21	0.33	0.19	0.18	33,504.25	0.95	0.82	33,771.84
Subtotal	*9.41*	*44.54*	*370.62*	*1.10*	*0.74*	*0.69*	*111,704.09*	*3.13*	*3.02*	*112,681.82*

	PM10	PM2.5
	Paved Road - PM only	
Costco Delivery Trucks	1.48	0.36
Costco Fuel Trucks	1.22	0.30
Vineyard II Delivery Trucks	0.23	0.06
Costco Employees/Customers	65.59	16.10
Vineyard II Employees	0.43	0.11
Vineyard II Customers	29.10	7.14
Subtotal	*98.05*	*24.07*

Project Vehicle	EMFAC Class	Max Daily Trips (trips/day)	Annual Trips (trips/year)	ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	CO2e
				Starting Exhaust, Hot Soak, Running Loss Evaporative, Resting Loss Evap, Diurnal Loss Evap									
Costco Delivery Trucks	HHDT and MHDT	10	3,650	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Costco Fuel Trucks	HHDT and MHDT	9	3,285	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vineyard II Delivery Trucks	HHDT and MHDT	8	416	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Costco Employees/Customers	LDA, LDT1, LDT2, LHDT1, LHDT2, MCY, MDV, MH, OBUS, SBUS, and UBUS Composite	8359	3,051,035	4.73	4.54	38.28	0.01	0.03	0.03	1063.98	0.98	0.52	1,242.80
Vineyard II Employees	LDA, LDT1, LDT2, LHDT1, LHDT2, MCY, MDV, MH, OBUS, SBUS, and UBUS Composite	35	12,775	0.02	0.02	0.16	0.00	0.00	0.00	4.46	0.00	0.00	5.20
Vineyard II Customers	LDA, LDT1, LDT2, LHDT1, LHDT2, MCY, MDV, MH, OBUS, SBUS, and UBUS Composite	4359	1,591,035	2.46	2.37	19.96	0.01	0.02	0.02	554.84	0.51	0.27	648.09
	Subtotal			*7.21*	*7.04*	*58.40*	*0.02*	*0.05*	*0.05*	*1,623.28*	*1.49*	*0.79*	*1,896.09*

Project Vehicle	EMFAC Class	Idling Minutes per Day (min/day)	Idling Minutes per Year (min/year)
Costco Delivery Trucks	HHDT and MHDT	150	54,750
Costco Fuel Trucks	HHDT and MHDT	135	49,275
Vineyard II Delivery Trucks	HHDT and MHDT	120	6,240

	ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	CO2e
	Idling									
	0.03	0.72	0.38	0.00	0.00	0.00	96.87	0.00	0.02	101.44
	0.03	0.65	0.34	0.00	0.00	0.00	87.19	0.00	0.01	91.30
	0.02	0.58	0.30	0.00	0.00	0.00	77.50	0.00	0.01	81.16
Subtotal	*0.08*	*1.95*	*1.02*	*0.00*	*0.00*	*0.00*	*261.56*	*0.00*	*0.04*	*273.90*
TOTAL	**16.70**	**53.52**	**430.04**	**1.12**	**98.84**	**24.81**	**113,588.93**	**4.62**	**3.85**	**114,851.81**

2021 Operation Mobile Source Assumptions Summary

Project Vehicle	EMFAC Class	Average Daily Trip Length (miles)	Max Daily Trips (trips/day)	Max Daily VMT (VMT/day)	Annual Trips (trips/year)	Annual VMT (VMT/year)
Costco Delivery Trucks	HHDT and MHDT	39.9	10	399	3,650	145,635
Costco Fuel Trucks	HHDT and MHDT	36.5	9	329	3,285	119,903
Vineyard II Delivery Trucks	HHDT and MHDT	7.9	8	63	416	3,286
Costco Employees/Customers	LDA, LDT1, LDT2, LHDT1, LHDT2, MCY, MDV, MH, OBUS, SBUS, and UBUS Composite	11.87	8,359	99,221	3,051,035	36,215,785
Vineyard II Employees	LDA, LDT1, LDT2, LHDT1, LHDT2, MCY, MDV, MH, OBUS, SBUS, and UBUS Composite	18.5	35	648	12,775	236,338
Vineyard II Customers	LDA, LDT1, LDT2, LHDT1, LHDT2, MCY, MDV, MH, OBUS, SBUS, and UBUS Composite	10.1	4,359	44,026	1,591,035	16,069,454

Notes:

*Costco fuel delivery truck distance assumed to originate from Colton, California.
*Costco delivery truck distance assumed to originate from Mira Loma, California.
*Vineyard II delivery truck distance assumed CalEEMod default.
*Costco employees/customers trip length was assumed from Neelam at Kittelson.
*Vineyard employees/customers trip length was assumed as CalEEMod defaults.
*Vineyard II delivery trucks assumed 8 trucks per week, but assumed 8 trucks per day as worst-case. Data provided by applicant.
*Costco delivery truck trip rates provided by applicant.

Project Vehicle	EMFAC Class	Average Daily Trip Length (miles)	Max Daily Trips (trips/day)	Max Daily VMT (VMT/day)	Annual Trips (trips/year)	Annual VMT (VMT/year)
Costco Delivery Trucks	HHDT and MHDT	39.9	10	399	3,650	145,635
Costco Fuel Trucks	HHDT and MHDT	36.5	9	329	3,285	119,903
Vineyard II Delivery Trucks	HHDT and MHDT	7.9	8	63	416	3,286
Costco Employees/Customers	LDA, LDT1, LDT2, LHDT1, LHDT2, MCY, MDV, MH, OBUS, SBUS, and UBUS Composite	11.87	8359	99,221	3,051,035	36,215,785
Vineyard II Employees	LDA, LDT1, LDT2, LHDT1, LHDT2, MCY, MDV, MH, OBUS, SBUS, and UBUS Composite	18.5	35	648	12,775	236,338
Vineyard II Customers	LDA, LDT1, LDT2, LHDT1, LHDT2, MCY, MDV, MH, OBUS, SBUS, and UBUS Composite	10.1	4359	44,026	1,591,035	16,069,454

Project Vehicle	EMFAC Class	Max Daily Trips (trips/day)	Annual Trips (trips/year)
Costco Delivery Trucks	HHDT and MHDT	10	3,650
Costco Fuel Trucks	HHDT and MHDT	9	3,285
Vineyard II Delivery Trucks	HHDT and MHDT	8	416
Costco Employees/Customers	LDA, LDT1, LDT2, LHDT1, LHDT2, MCY, MDV, MH, OBUS, SBUS, and UBUS Composite	8359	3,051,035
Vineyard II Employees	LDA, LDT1, LDT2, LHDT1, LHDT2, MCY, MDV, MH, OBUS, SBUS, and UBUS Composite	35	12,775
Vineyard II Customers	LDA, LDT1, LDT2, LHDT1, LHDT2, MCY, MDV, MH, OBUS, SBUS, and UBUS Composite	4359	1,591,035

Project Vehicle	EMFAC Class	Idling Minutes per Day (min/day)	Idling Minutes per Year (min/year)
Costco Delivery Trucks	HHDT and MHDT	150	54,750
Costco Fuel Trucks	HHDT and MHDT	135	49,275
Vineyard II Delivery Trucks	HHDT and MHDT	120	6,240

2021 Operation Mobile Source Emissions Factors - EMFAC2017 Summer

Emission Factors: Summary

Project Vehicle	Vehicle Classes	Fuel	Speed	ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O
				Running Exhaust, Tire Wear, and Break Wear (grams/mile)								
Costco Delivery Trucks	HHDT and MHDT	Diesel	Aggregate	0.077	2.788	0.338	0.012	0.062	0.059	1,261.156	0.004	0.198
Costco Fuel Trucks	HHDT and MHDT	Diesel	Aggregate	0.077	2.788	0.338	0.012	0.062	0.059	1,261.156	0.004	0.198
Vineyard II Delivery Trucks	HHDT and MHDT	Diesel	Aggregate	0.077	2.788	0.338	0.012	0.062	0.059	1,261.156	0.004	0.198
Costco Employees/Customers	LDA, LDT1, LDT2, LHDT1, LHDT2, MCY, MDV, MH, OBUS, SBUS, and UBUS Composite	Gas, Electric, & Diesel (Aggregate)	Aggregate	0.029	0.125	1.166	0.003	0.002	0.002	345.189	0.010	0.008
Vineyard II Employees/Customers	LDA, LDT1, LDT2, LHDT1, LHDT2, MCY, MDV, MH, OBUS, SBUS, and UBUS Composite	Gas, Electric, & Diesel (Aggregate)	Aggregate	0.029	0.125	1.166	0.003	0.002	0.002	345.189	0.010	0.008

Project Vehicle	Vehicle Classes	PM10	PM2.5
		Paved Road - PM Only (grams/mile)	
Costco Delivery Trucks	HHDT and MHDT	1.680	0.412
Costco Fuel Trucks	HHDT and MHDT	1.680	0.412
Vineyard II Delivery Trucks	HHDT and MHDT	1.680	0.412
Costco Employees/Customers	LDA, LDT1, LDT2, LHDT1, LHDT2, MCY, MDV, MH, OBUS, SBUS, and UBUS Composite	0.300	0.074
Vineyard II Employees/Customers	LDA, LDT1, LDT2, LHDT1, LHDT2, MCY, MDV, MH, OBUS, SBUS, and UBUS Composite	0.300	0.074

Project Vehicle	Vehicle Classes	Fuel	ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O
			Starting Exhaust, Hot Soak, Running Loss Evaporative, Resting Loss Evap, Diurnal Loss Evap								
Costco Delivery Trucks	HHDT and MHDT	Diesel	0.000	1.868	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Costco Fuel Trucks	HHDT and MHDT	Diesel	0.000	1.868	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Vineyard II Delivery Trucks	HHDT and MHDT	Diesel	0.000	1.868	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Costco Employees/Customers	LDA, LDT1, LDT2, LHDT1, LHDT2, MCY, MDV, MH, OBUS, SBUS, and UBUS Composite	Gas, Electric, & Diesel (Aggregate)	0.256	0.246	2.077	0.001	0.002	0.002	57.736	0.053	0.028
Vineyard II Employees/Customers	LDA, LDT1, LDT2, LHDT1, LHDT2, MCY, MDV, MH, OBUS, SBUS, and UBUS Composite	Gas, Electric, & Diesel (Aggregate)	0.256	0.246	2.077	0.001	0.002	0.002	57.736	0.053	0.028

Project Vehicle	Vehicle Classes	Fuel	ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O
			Idling (grams/Idle-min/vehicle)								
Costco Delivery Trucks	HHDT and MHDT	Diesel	0.084	2.180	1.140	0.003	0.005	0.005	292.942	0.004	0.046
Costco Fuel Trucks	HHDT and MHDT	Diesel	0.084	2.180	1.140	0.003	0.000	0.005	292.942	0.004	0.046
Vineyard II Delivery Trucks	HHDT and MHDT	Diesel	0.084	2.180	1.140	0.003	0.000	0.005	292.942	0.004	0.046
Costco Employees/Customers	LDA, LDT1, LDT2, LHDT1, LHDT2, MCY, MDV, MH, OBUS, SBUS, and UBUS Composite	Gas, Electric, & Diesel (Aggregate)	0.005889	0.02809	0.048534	0.000031	0.000306	0.000292	3.243913	0.00134	0.000343
Vineyard II Employees/Customers	LDA, LDT1, LDT2, LHDT1, LHDT2, MCY, MDV, MH, OBUS, SBUS, and UBUS Composite	Gas, Electric, & Diesel (Aggregate)	0.005889	0.02809	0.048534	0.000031	0.000306	0.000292	3.243913	0.00134	0.000343

Table 5. Operation Mobile Source Emissions Factors - EMFAC2017 Summer ROG

Region	CalYr	VehClass	Fuel	Speed	Population	VMT	Trips	ROG_RUNEX (g/mile)	ROG_IDLEX (g/vehicle/day)	ROG_STREX (g/trip)	ROG_HOTSOAK (g/trip)	ROG_RUNLOSS (g/trip)	ROG_RESTLOSS (g/vehicle/day)	ROG_DIURN (g/vehicle/day)	ROG_RESTLOSS - Calculated (g/trip)	ROG_DIURN - Calculated (g/trip)	STEX HOTSOAK RUNLOSS ROG RESTLOSS DIURN_Combined - Calculated (g/trip)
RIVERSIDE	2021	HHDT	DSL	Aggregated	27,250.49	3,825,933.40	312,944.63	0.069391519	6.973048575	0	0	0	0	0			
RIVERSIDE	2021	MHDT	DSL	Aggregated	15,756.36	963,068.11	151,121.37	0.10899857	0.118955864	0	0	0	0	0			
						HHDT and MHDT Composite		**0.0774**	**5.5947**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	-	-	**0.0000**
RIVERSIDE	2021	LDA	GAS	Aggregated	750,300.86	29,816,029.44	3,552,291.91	0.010873639	0	0.203369716	0.123996113	0.217243783	0.492825344	0.665535986			
RIVERSIDE	2021	LDA	DSL	Aggregated	6,761.58	284,051.95	32,376.68	0.013990238	0	0	0	0	0	0			
RIVERSIDE	2021	LDA	ELEC	Aggregated	10,150.83	397,377.33	51,147.17	0	0	0	0.004888026	0	0.037949689	0.069270647			
RIVERSIDE	2021	LDT1	GAS	Aggregated	80,587.48	3,017,205.80	366,690.86	0.040096321	0	0.38607525	0.342013295	0.879353825	1.345424561	2.026994582			
RIVERSIDE	2021	LDT1	DSL	Aggregated	42.62	937.32	139.37	0.227241534	0	0	0	0	0	0			
RIVERSIDE	2021	LDT1	ELEC	Aggregated	312.67	12,704.03	1,592.30	0	0	0	0.004888026	0	0.038090002	0.069451924			
RIVERSIDE	2021	LDT2	GAS	Aggregated	246,596.51	9,631,963.54	1,154,462.90	0.019740989	0	0.295656302	0.169325908	0.449697819	0.788520583	1.026640299			
RIVERSIDE	2021	LDT2	DSL	Aggregated	1,288.99	58,422.34	6,390.04	0.014644006	0	0	0	0	0	0			
RIVERSIDE	2021	LDT2	ELEC	Aggregated	1,692.17	54,349.02	8,602.01	0	0	0	0.004888026	0	0.038685619	0.070239009			
RIVERSIDE	2021	LHDT1	GAS	Aggregated	20,885.97	692,854.05	311,169.90	0.031287125	0.45664908	0.134095303	0.170843985	0.909548489	0.080766635	0.160405932			
RIVERSIDE	2021	LHDT1	DSL	Aggregated	19,999.78	695,951.65	251,572.05	0.091595351	0.109759705	0	0	0	0	0			
RIVERSIDE	2021	LHDT2	GAS	Aggregated	3,292.65	108,726.45	49,055.53	0.019659511	0.458215314	0.126572726	0.151708978	0.747896493	0.071336496	0.14078255			
RIVERSIDE	2021	LHDT2	DSL	Aggregated	7,676.54	267,713.75	96,561.22	0.078330325	0.109759705	0	0	0	0	0			
RIVERSIDE	2021	MCY	GAS	Aggregated	35,659.72	267,522.39	71,319.43	2.133549493	0	1.628929592	1.234266381	1.862850794	4.090250425	6.554859086			
RIVERSIDE	2021	MDV	GAS	Aggregated	208,791.37	7,677,992.85	957,457.85	0.029036843	0	0.398475117	0.201755855	0.512699836	0.967022245	1.206278926			
RIVERSIDE	2021	MDV	DSL	Aggregated	3,985.67	171,354.65	19,488.50	0.011055038	0	0	0	0	0	0			
RIVERSIDE	2021	MDV	ELEC	Aggregated	787.11	25,973.70	4,035.65	0	0	0	0.004888026	0	0.03858807	0.070104047			
RIVERSIDE	2021	MH	GAS	Aggregated	6,261.09	50,694.81	626.36	0.059046893	0	0.130256232	0.11381459	2.086195037	0.123726953	0.330536321			
RIVERSIDE	2021	MH	DSL	Aggregated	2,593.42	21,461.99	259.34	0.071834435	0	0	0	0	0	0			
RIVERSIDE	2021	OBUS	GAS	Aggregated	589.48	27,261.01	11,794.32	0.053395579	0.745348379	0.152830947	0.033599883	0.332191281	0.05465176	0.121305343			
RIVERSIDE	2021	OBUS	DSL	Aggregated	347.99	24,855.13	3,314.36	0.121553962	1.087997213	0	0	0	0	0			
RIVERSIDE	2021	SBUS	GAS	Aggregated	475.47	19,228.88	1,901.89	0.040344133	10.6396621	0.263968643	0.071943775	0.385852212	0.03667582	0.07435097			
RIVERSIDE	2021	SBUS	DSL	Aggregated	1,131.96	35,858.76	13,062.61	0.125658958	0.274041103	0	0	0	0	0			
RIVERSIDE	2021	UBUS	GAS	Aggregated	163.48	23,017.82	653.94	0.011773638	0	0.195089418	0.034099509	0.131929437	0.016954817	0.024982851			
RIVERSIDE	2021	UBUS	DSL	Aggregated	1.11	58.57	4.42	0.000534846	0	0	0	0	0	0			
RIVERSIDE	2021	UBUS	ELEC	Aggregated	5.06	271.53	20.23	0	0	0	0	0	0	0			
RIVERSIDE	2021	UBUS	NG	Aggregated	306.62	41,979.73	1,226.49	0.077260262	0	0	0	0	0	0			
						LDA, LDT1, LDT2, LHDT1, LHDT2, MCY, MDV, MH, OBUS, SBUS, and UBUS Composite		**0.0292**	**0.0137**	**0.2564**	**0.1570**	**0.3506**	**0.6543**	**0.8806**	**0.146923**	**0.202142**	**1.1131**

EMFAC2017 (v1.0.2) Emission Rates
Region Type: County
Region: RIVERSIDE
Calendar Year: 2021
Season: Summer
Vehicle Classification: EMFAC2007 Categories
Units: miles/day for VMT, trips/day for Trips, g/mile for RUNEX, PMBW and PMTW, g/trip for STREX, HTSK and RUNLS, g/vehicle/day for IDLEX, RESTL and DIURN
Model Year: Aggregated

Notes:

Idle Duration:

HHDT	109.4	min/day
MHDT	5.86	min/day
LHDT1	1.74	min/day
LHDT2	1.87	min/day
OBUS	5.9	min/day

Table 6. Operation Mobile Source Emissions Factors - EMFAC2017 Summer TOG

Region	CalYr	VehClass	Fuel	Speed	Population	VMT	Trips	TOG_RUNEX (g/mile)	TOG_IDLEX (g/vehicle/day)	TOG_STREX (g/trip)	TOG_HOTSOAK (g/trip)	TOG_RUNLOSS (g/trip)	TOG_RESTLOSS (g/vehicle/day)	TOG_DIURN (g/vehicle/day)	TOG_RESTLOSS - Calculated (g/trip)	TOG_DIURN - Calculated (g/trip)	STEX HOTSOAK RUNLOSS TOG RESTLOSS DIURN_Combined - Calculated (g/trip)
RIVERSIDE	2021	HHDT	DSL	Aggregated	27,250.49	3,825,933.40	312,944.63	0.078996962	7.938285005	0	0	0	0	0			
RIVERSIDE	2021	MHDT	DSL	Aggregated	15,756.36	963,068.11	151,121.37	0.124086575	0.135422196	0	0	0	0	0			
						HHDT and MHDT Composite		**0.0881**	**6.3691**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	-	-	**0.0000**
RIVERSIDE	2021	LDA	GAS	Aggregated	750,300.86	29,816,029.44	3,552,291.91	0.01585519	0	0.222662921	0.123996113	0.217243783	0.492825344	0.665535986			
RIVERSIDE	2021	LDA	DSL	Aggregated	6,761.58	284,051.95	32,376.68	0.015926956	0	0	0	0	0	0			
RIVERSIDE	2021	LDA	ELEC	Aggregated	10,150.83	397,377.33	51,147.17	0	0	0	0.004888026	0	0.037949689	0.069270647			
RIVERSIDE	2021	LDT1	GAS	Aggregated	80,587.48	3,017,205.80	366,690.86	0.058454516	0	0.422701047	0.342013295	0.879353825	1.345424561	2.026994582			
RIVERSIDE	2021	LDT1	DSL	Aggregated	42.62	937.32	139.37	0.258699378	0	0	0	0	0	0			
RIVERSIDE	2021	LDT1	ELEC	Aggregated	312.67	12,704.03	1,592.30	0	0	0	0.004888026	0	0.038090002	0.069451924			
RIVERSIDE	2021	LDT2	GAS	Aggregated	246,596.51	9,631,963.54	1,154,462.90	0.028783123	0	0.323705264	0.169325908	0.449697819	0.788520583	1.026640299			
RIVERSIDE	2021	LDT2	DSL	Aggregated	1,288.99	58,422.34	6,390.04	0.016671227	0	0	0	0	0	0			
RIVERSIDE	2021	LDT2	ELEC	Aggregated	1,692.17	54,349.02	8,602.01	0	0	0	0.004888026	0	0.038685619	0.070239009			
RIVERSIDE	2021	LHDT1	GAS	Aggregated	20,885.97	692,854.05	311,169.90	0.045654099	0.666341266	0.146817478	0.170843985	0.909548489	0.080766635	0.160405932			
RIVERSIDE	2021	LHDT1	DSL	Aggregated	19,999.78	695,951.65	251,572.05	0.104275217	0.124954127	0	0	0	0	0			
RIVERSIDE	2021	LHDT2	GAS	Aggregated	3,292.65	108,726.45	49,055.53	0.028687113	0.66862671	0.138581203	0.151708978	0.747896493	0.071336496	0.14078255			
RIVERSIDE	2021	LHDT2	DSL	Aggregated	7,676.54	267,713.75	96,561.22	0.089173867	0.124954127	0	0	0	0	0			
RIVERSIDE	2021	MCY	GAS	Aggregated	35,659.72	267,522.39	71,319.43	2.625592208	0	1.772531499	1.234266381	1.862850794	4.090250425	6.554859086			
RIVERSIDE	2021	MDV	GAS	Aggregated	208,791.37	7,677,992.85	957,457.85	0.041277887	0	0.436242794	0.201755855	0.512699836	0.967022245	1.206278926			
RIVERSIDE	2021	MDV	DSL	Aggregated	3,985.67	171,354.65	19,488.50	0.012585426	0	0	0	0	0	0			
RIVERSIDE	2021	MDV	ELEC	Aggregated	787.11	25,973.70	4,035.65	0	0	0	0.004888026	0	0.03858807	0.070104047			
RIVERSIDE	2021	MH	GAS	Aggregated	6,261.09	50,694.81	626.36	0.086161087	0	0.142614178	0.11381459	2.086195037	0.123726953	0.330536321			
RIVERSIDE	2021	MH	DSL	Aggregated	2,593.42	21,461.99	259.34	0.081778728	0	0	0	0	0	0			
RIVERSIDE	2021	OBUS	GAS	Aggregated	589.48	27,261.01	11,794.32	0.077914704	1.087610606	0.16733065	0.033599883	0.332191281	0.05465176	0.121305343			
RIVERSIDE	2021	OBUS	DSL	Aggregated	347.99	24,855.13	3,314.36	0.138379933	1.238602007	0	0	0	0	0			
RIVERSIDE	2021	SBUS	GAS	Aggregated	475.47	19,228.88	1,901.89	0.058870063	15.52536996	0.289012438	0.071943775	0.385852212	0.03667582	0.07435097			
RIVERSIDE	2021	SBUS	DSL	Aggregated	1,131.96	35,858.76	13,062.61	0.143053159	0.311974935	0	0	0	0	0			
RIVERSIDE	2021	UBUS	GAS	Aggregated	163.48	23,017.82	653.94	0.017180065	0	0.213598356	0.034099509	0.131929437	0.016954817	0.024982851			
RIVERSIDE	2021	UBUS	DSL	Aggregated	1.11	58.57	4.42	0.03820325	0	0	0	0	0	0			
RIVERSIDE	2021	UBUS	ELEC	Aggregated	5.06	271.53	20.23	0	0	0	0	0	0	0			
RIVERSIDE	2021	UBUS	NG	Aggregated	306.62	41,979.73	1,226.49	5.321263218	0	0	0	0	0	0			
						LDA, LDT1, LDT2, LHDT1, LHDT2, MCY, MDV, MH, OBUS, SBUS, and UBUS Composite		**0.0435**	**0.0192**	**0.2807**	**0.1570**	**0.3506**	**0.6543**	**0.8806**	**0.146923**	**0.202142**	**1.1373**

EMFAC2017 (v1.0.2) Emission Rates
Region Type: County
Region: RIVERSIDE
Calendar Year: 2021
Season: Summer
Vehicle Classification: EMFAC2007 Categories
Units: miles/day for VMT, trips/day for Trips, g/mile for RUNEX, PMBW and PMTW, g/trip for STREX, HTSK and RUNLS, g/vehicle/day for IDLEX, RESTL and DIURN
Model Year: Aggregated

Notes:

Idle Duration:

HHDT	109.4	min/day
MHDT	5.86	min/day
LHDT1	1.74	min/day
LHDT2	1.87	min/day
OBUS	5.9	min/day

Table 7. Operation Mobile Source Emissions Factors - EMFAC2017 Summer NOx

Region	CalYr	VehClass	Fuel	Speed	Population	VMT	Trips	NOx_RUNEX (g/mile)	NOx_IDLEX (g/vehicle/day)	NOx_STREX (g/trip)
RIVERSIDE	2021	HHDT	DSL	Aggregated	27,250.49	3,825,933.40	312,944.63	2.879821894	81.65974084	1.995305353
RIVERSIDE	2021	MHDT	DSL	Aggregated	15,756.36	963,068.11	151,121.37	2.422429719	8.403480346	1.360943231
							HHDT and MHDT Composite	**2.7878**	**66.9279**	**1.8677**
RIVERSIDE	2021	LDA	GAS	Aggregated	750,300.86	29,816,029.44	3,552,291.91	0.037151453	0	0.185278477
RIVERSIDE	2021	LDA	DSL	Aggregated	6,761.58	284,051.95	32,376.68	0.075747759	0	0
RIVERSIDE	2021	LDA	ELEC	Aggregated	10,150.83	397,377.33	51,147.17	0	0	0
RIVERSIDE	2021	LDT1	GAS	Aggregated	80,587.48	3,017,205.80	366,690.86	0.133947533	0	0.295708415
RIVERSIDE	2021	LDT1	DSL	Aggregated	42.62	937.32	139.37	1.176544468	0	0
RIVERSIDE	2021	LDT1	ELEC	Aggregated	312.67	12,704.03	1,592.30	0	0	0
RIVERSIDE	2021	LDT2	GAS	Aggregated	246,596.51	9,631,963.54	1,154,462.90	0.084125053	0	0.300793706
RIVERSIDE	2021	LDT2	DSL	Aggregated	1,288.99	58,422.34	6,390.04	0.046360167	0	0
RIVERSIDE	2021	LDT2	ELEC	Aggregated	1,692.17	54,349.02	8,602.01	0	0	0
RIVERSIDE	2021	LHDT1	GAS	Aggregated	20,885.97	692,854.05	311,169.90	0.203791092	0.039862667	0.540716971
RIVERSIDE	2021	LHDT1	DSL	Aggregated	19,999.78	695,951.65	251,572.05	2.810247649	2.32175026	0
RIVERSIDE	2021	LHDT2	GAS	Aggregated	3,292.65	108,726.45	49,055.53	0.181489898	0.039962831	0.548305834
RIVERSIDE	2021	LHDT2	DSL	Aggregated	7,676.54	267,713.75	96,561.22	2.278241336	2.321112538	0
RIVERSIDE	2021	MCY	GAS	Aggregated	35,659.72	267,522.39	71,319.43	0.979670684	0	0.247121651
RIVERSIDE	2021	MDV	GAS	Aggregated	208,791.37	7,677,992.85	957,457.85	0.113900435	0	0.38624874
RIVERSIDE	2021	MDV	DSL	Aggregated	3,985.67	171,354.65	19,488.50	0.057636059	0	0
RIVERSIDE	2021	MDV	ELEC	Aggregated	787.11	25,973.70	4,035.65	0	0	0
RIVERSIDE	2021	MH	GAS	Aggregated	6,261.09	50,694.81	626.36	0.388205498	0	0.313207663
RIVERSIDE	2021	MH	DSL	Aggregated	2,593.42	21,461.99	259.34	4.176670964	0	0
RIVERSIDE	2021	OBUS	GAS	Aggregated	589.48	27,261.01	11,794.32	0.39918744	0.064999573	0.310274675
RIVERSIDE	2021	OBUS	DSL	Aggregated	347.99	24,855.13	3,314.36	2.887930188	19.22024827	1.543663927
RIVERSIDE	2021	SBUS	GAS	Aggregated	475.47	19,228.88	1,901.89	0.273438514	0.926404313	0.529257874
RIVERSIDE	2021	SBUS	DSL	Aggregated	1,131.96	35,858.76	13,062.61	6.811804772	47.99111527	0.714016556
RIVERSIDE	2021	UBUS	GAS	Aggregated	163.48	23,017.82	653.94	0.118066338	0	0.506209654
RIVERSIDE	2021	UBUS	DSL	Aggregated	1.11	58.57	4.42	0.47742212	0	0
RIVERSIDE	2021	UBUS	ELEC	Aggregated	5.06	271.53	20.23	0	0	0
RIVERSIDE	2021	UBUS	NG	Aggregated	306.62	41,979.73	1,226.49	0.415811509	0	0
							LDA, LDT1, LDT2, LHDT1, LHDT2, MCY, MDV, MH, OBUS, SBUS, and UBUS Composite	**0.1251**	**0.0898**	**0.2463**

Table 8. Operation Mobile Source Emissions Factors - EMFAC2017 Summer CO

Region	CalYr	VehClass	Fuel	Speed	Population	VMT	Trips	CO_RUNEX (g/mile)	CO_IDLEX (g/vehicle/day)	CO_STREX (g/trip)
RIVERSIDE	2021	HHDT	DSL	Aggregated	27,250.49	3,825,933.40	312,944.63	0.315149187	85.0476912	0
RIVERSIDE	2021	MHDT	DSL	Aggregated	15,756.36	963,068.11	151,121.37	0.428592321	2.123298716	0
						HHDT and MHDT Composite		**0.3380**	**68.3716**	**0.0000**
RIVERSIDE	2021	LDA	GAS	Aggregated	750,300.86	29,816,029.44	3,552,291.91	0.826283976	0	1.917554284
RIVERSIDE	2021	LDA	DSL	Aggregated	6,761.58	284,051.95	32,376.68	0.189719211	0	0
RIVERSIDE	2021	LDA	ELEC	Aggregated	10,150.83	397,377.33	51,147.17	0	0	0
RIVERSIDE	2021	LDT1	GAS	Aggregated	80,587.48	3,017,205.80	366,690.86	1.96735578	0	2.156416721
RIVERSIDE	2021	LDT1	DSL	Aggregated	42.62	937.32	139.37	1.392250777	0	0
RIVERSIDE	2021	LDT1	ELEC	Aggregated	312.67	12,704.03	1,592.30	0	0	0
RIVERSIDE	2021	LDT2	GAS	Aggregated	246,596.51	9,631,963.54	1,154,462.90	1.21335302	0	2.449553772
RIVERSIDE	2021	LDT2	DSL	Aggregated	1,288.99	58,422.34	6,390.04	0.113342345	0	0
RIVERSIDE	2021	LDT2	ELEC	Aggregated	1,692.17	54,349.02	8,602.01	0	0	0
RIVERSIDE	2021	LHDT1	GAS	Aggregated	20,885.97	692,854.05	311,169.90	0.835831183	3.750864443	1.656626794
RIVERSIDE	2021	LHDT1	DSL	Aggregated	19,999.78	695,951.65	251,572.05	0.631982506	0.909745076	0
RIVERSIDE	2021	LHDT2	GAS	Aggregated	3,292.65	108,726.45	49,055.53	0.527248272	3.761022038	1.582513647
RIVERSIDE	2021	LHDT2	DSL	Aggregated	7,676.54	267,713.75	96,561.22	0.53222324	0.909745076	0
RIVERSIDE	2021	MCY	GAS	Aggregated	35,659.72	267,522.39	71,319.43	20.27171756	0	8.000176957
RIVERSIDE	2021	MDV	GAS	Aggregated	208,791.37	7,677,992.85	957,457.85	1.489968614	0	2.953135969
RIVERSIDE	2021	MDV	DSL	Aggregated	3,985.67	171,354.65	19,488.50	0.180662093	0	0
RIVERSIDE	2021	MDV	ELEC	Aggregated	787.11	25,973.70	4,035.65	0	0	0
RIVERSIDE	2021	MH	GAS	Aggregated	6,261.09	50,694.81	626.36	1.869000649	0	2.760542091
RIVERSIDE	2021	MH	DSL	Aggregated	2,593.42	21,461.99	259.34	0.338926164	0	0
RIVERSIDE	2021	OBUS	GAS	Aggregated	589.48	27,261.01	11,794.32	1.394314631	5.769076586	3.084874567
RIVERSIDE	2021	OBUS	DSL	Aggregated	347.99	24,855.13	3,314.36	0.446632891	10.93995491	0
RIVERSIDE	2021	SBUS	GAS	Aggregated	475.47	19,228.88	1,901.89	0.890517537	82.22963641	5.326799909
RIVERSIDE	2021	SBUS	DSL	Aggregated	1,131.96	35,858.76	13,062.61	0.345841154	5.00629467	0
RIVERSIDE	2021	UBUS	GAS	Aggregated	163.48	23,017.82	653.94	0.196639441	0	3.725263451
RIVERSIDE	2021	UBUS	DSL	Aggregated	1.11	58.57	4.42	0.05712856	0	0
RIVERSIDE	2021	UBUS	ELEC	Aggregated	5.06	271.53	20.23	0	0	0
RIVERSIDE	2021	UBUS	NG	Aggregated	306.62	41,979.73	1,226.49	40.43881597	0	0
						LDA, LDT1, LDT2, LHDT1, LHDT2, MCY, MDV, MH, OBUS, SBUS, and UBUS Composite		**1.1664**	**0.1190**	**2.0772**

Table 9. Operation Mobile Source Emissions Factors - EMFAC2017 Summer SO2

Region	CalYr	VehClass	Fuel	Speed	Population	VMT	Trips	SO2_RUNEX (g/mile)	SO2_IDLEX (g/vehicle/day)	SO2_STREX (g/trip)
RIVERSIDE	2021	HHDT	DSL	Aggregated	27,250.49	3,825,933.40	312,944.63	0.012699034	0.152408823	0
RIVERSIDE	2021	MHDT	DSL	Aggregated	15,756.36	963,068.11	151,121.37	0.008799184	0.008054197	0
						HHDT and MHDT Composite		**0.0119**	**0.1234**	**0.0000**
RIVERSIDE	2021	LDA	GAS	Aggregated	750,300.86	29,816,029.44	3,552,291.91	0.002907783	0	0.000549376
RIVERSIDE	2021	LDA	DSL	Aggregated	6,761.58	284,051.95	32,376.68	0.001891571	0	0
RIVERSIDE	2021	LDA	ELEC	Aggregated	10,150.83	397,377.33	51,147.17	0	0	0
RIVERSIDE	2021	LDT1	GAS	Aggregated	80,587.48	3,017,205.80	366,690.86	0.003396355	0	0.000656281
RIVERSIDE	2021	LDT1	DSL	Aggregated	42.62	937.32	139.37	0.003763271	0	0
RIVERSIDE	2021	LDT1	ELEC	Aggregated	312.67	12,704.03	1,592.30	0	0	0
RIVERSIDE	2021	LDT2	GAS	Aggregated	246,596.51	9,631,963.54	1,154,462.90	0.003616749	0	0.000710373
RIVERSIDE	2021	LDT2	DSL	Aggregated	1,288.99	58,422.34	6,390.04	0.002539802	0	0
RIVERSIDE	2021	LDT2	ELEC	Aggregated	1,692.17	54,349.02	8,602.01	0	0	0
RIVERSIDE	2021	LHDT1	GAS	Aggregated	20,885.97	692,854.05	311,169.90	0.007859605	0.001212097	0.000187114
RIVERSIDE	2021	LHDT1	DSL	Aggregated	19,999.78	695,951.65	251,572.05	0.004598077	0.001301516	0
RIVERSIDE	2021	LHDT2	GAS	Aggregated	3,292.65	108,726.45	49,055.53	0.009007205	0.001397857	0.000212885
RIVERSIDE	2021	LHDT2	DSL	Aggregated	7,676.54	267,713.75	96,561.22	0.00499739	0.002091665	0
RIVERSIDE	2021	MCY	GAS	Aggregated	35,659.72	267,522.39	71,319.43	0.002070757	0	0.00058576
RIVERSIDE	2021	MDV	GAS	Aggregated	208,791.37	7,677,992.85	957,457.85	0.004457476	0	0.000891454
RIVERSIDE	2021	MDV	DSL	Aggregated	3,985.67	171,354.65	19,488.50	0.003439686	0	0
RIVERSIDE	2021	MDV	ELEC	Aggregated	787.11	25,973.70	4,035.65	0	0	0
RIVERSIDE	2021	MH	GAS	Aggregated	6,261.09	50,694.81	626.36	0.01666241	0	0.000257052
RIVERSIDE	2021	MH	DSL	Aggregated	2,593.42	21,461.99	259.34	0.008903009	0	0
RIVERSIDE	2021	OBUS	GAS	Aggregated	589.48	27,261.01	11,794.32	0.016555899	0.003784506	0.000260802
RIVERSIDE	2021	OBUS	DSL	Aggregated	347.99	24,855.13	3,314.36	0.010541024	0.024153402	0
RIVERSIDE	2021	SBUS	GAS	Aggregated	475.47	19,228.88	1,901.89	0.008816413	0.026319934	0.000438345
RIVERSIDE	2021	SBUS	DSL	Aggregated	1,131.96	35,858.76	13,062.61	0.011673226	0.036542458	0
RIVERSIDE	2021	UBUS	GAS	Aggregated	163.48	23,017.82	653.94	0.013790876	0	0.000510287
RIVERSIDE	2021	UBUS	DSL	Aggregated	1.11	58.57	4.42	0.010787911	0	0
RIVERSIDE	2021	UBUS	ELEC	Aggregated	5.06	271.53	20.23	0	0	0
RIVERSIDE	2021	UBUS	NG	Aggregated	306.62	41,979.73	1,226.49	0	0	0
						LDA, LDT1, LDT2, LHDT1, LHDT2, MCY, MDV, MH, OBUS, SBUS, and UBUS Composite		**0.0034**	**0.0001**	**0.0006**

Table 10. Operation Mobile Source Emissions Factors - EMFAC2017 Summer PM10

Region	CalYr	VehClass	Fuel	Speed	Population	VMT	Trips	PM10_RUNEX (g/mile)	PM10_IDLEX (g/vehicle/day)	PM10_STREX (g/trip)	PM10_PMTW (g/mile)	PM10_PMBW (g/mile)	PM10_Combined - Calculated (g/mile)
RIVERSIDE	2021	HHDT	DSL	Aggregated	27,250.49	3,825,933.40	312,944.63	0.054452552	0.117349657	0	0.035593372	0.061042633	
RIVERSIDE	2021	MHDT	DSL	Aggregated	15,756.36	963,068.11	151,121.37	0.090642513	0.024661459	0	0.012000003	0.130340037	
						HHDT and MHDT Composite		**0.0617**	**0.0987**	**0.0000**	**0.0308**	**0.0750**	**0.167557**
RIVERSIDE	2021	LDA	GAS	Aggregated	750,300.86	29,816,029.44	3,552,291.91	0.001407186	0	0.001964077	0.008000002	0.036750011	
RIVERSIDE	2021	LDA	DSL	Aggregated	6,761.58	284,051.95	32,376.68	0.007645761	0	0	0.008000002	0.036750011	
RIVERSIDE	2021	LDA	ELEC	Aggregated	10,150.83	397,377.33	51,147.17	0	0	0	0.008000002	0.036750011	
RIVERSIDE	2021	LDT1	GAS	Aggregated	80,587.48	3,017,205.80	366,690.86	0.002249763	0	0.002965001	0.008000002	0.036750011	
RIVERSIDE	2021	LDT1	DSL	Aggregated	42.62	937.32	139.37	0.174163625	0	0	0.008000002	0.036750011	
RIVERSIDE	2021	LDT1	ELEC	Aggregated	312.67	12,704.03	1,592.30	0	0	0	0.008000002	0.036750011	
RIVERSIDE	2021	LDT2	GAS	Aggregated	246,596.51	9,631,963.54	1,154,462.90	0.001479348	0	0.001983814	0.008000002	0.036750011	
RIVERSIDE	2021	LDT2	DSL	Aggregated	1,288.99	58,422.34	6,390.04	0.006020956	0	0	0.008000002	0.036750011	
RIVERSIDE	2021	LDT2	ELEC	Aggregated	1,692.17	54,349.02	8,602.01	0	0	0	0.008000002	0.036750011	
RIVERSIDE	2021	LHDT1	GAS	Aggregated	20,885.97	692,854.05	311,169.90	0.001074259	0	0.000420534	0.008000002	0.076440022	
RIVERSIDE	2021	LHDT1	DSL	Aggregated	19,999.78	695,951.65	251,572.05	0.02102497	0.027286864	0	0.012000003	0.076440022	
RIVERSIDE	2021	LHDT2	GAS	Aggregated	3,292.65	108,726.45	49,055.53	0.000915661	0	0.000339466	0.008000002	0.089180026	
RIVERSIDE	2021	LHDT2	DSL	Aggregated	7,676.54	267,713.75	96,561.22	0.019395893	0.027303987	0	0.012000003	0.089180026	
RIVERSIDE	2021	MCY	GAS	Aggregated	35,659.72	267,522.39	71,319.43	0.001757318	0	0.002866434	0.004000001	0.011760003	
RIVERSIDE	2021	MDV	GAS	Aggregated	208,791.37	7,677,992.85	957,457.85	0.001495188	0	0.002105384	0.008000002	0.036750011	
RIVERSIDE	2021	MDV	DSL	Aggregated	3,985.67	171,354.65	19,488.50	0.005282657	0	0	0.008000002	0.036750011	
RIVERSIDE	2021	MDV	ELEC	Aggregated	787.11	25,973.70	4,035.65	0	0	0	0.008000002	0.036750011	
RIVERSIDE	2021	MH	GAS	Aggregated	6,261.09	50,694.81	626.36	0.001208637	0	0.000354272	0.012000003	0.130340037	
RIVERSIDE	2021	MH	DSL	Aggregated	2,593.42	21,461.99	259.34	0.144090167	0	0	0.016000005	0.130340037	
RIVERSIDE	2021	OBUS	GAS	Aggregated	589.48	27,261.01	11,794.32	0.000689727	0	0.000242813	0.012000003	0.130340037	
RIVERSIDE	2021	OBUS	DSL	Aggregated	347.99	24,855.13	3,314.36	0.080687755	0.065130322	0	0.012000003	0.130340037	
RIVERSIDE	2021	SBUS	GAS	Aggregated	475.47	19,228.88	1,901.89	0.000741736	0	0.0003123	0.008000002	0.744800204	
RIVERSIDE	2021	SBUS	DSL	Aggregated	1,131.96	35,858.76	13,062.61	0.044060934	0.045397464	0	0.012000003	0.744800213	
RIVERSIDE	2021	UBUS	GAS	Aggregated	163.48	23,017.82	653.94	0.001140864	0	0.000470171	0.009546243	0.105090841	
RIVERSIDE	2021	UBUS	DSL	Aggregated	1.11	58.57	4.42	0.004292743	0	0	0.012000007	0.130340079	
RIVERSIDE	2021	UBUS	ELEC	Aggregated	5.06	271.53	20.23	0	0	0	0.035889386	0.06205627	
RIVERSIDE	2021	UBUS	NG	Aggregated	306.62	41,979.73	1,226.49	0.003934649	0	0	0.028616727	0.078554835	
						LDA, LDT1, LDT2, LHDT1, LHDT2, MCY, MDV, MH, OBUS, SBUS, and UBUS Composite		**0.0020**	**0.0006**	**0.0018**	**0.0081**	**0.0390**	**0.049106**

Table 11. Operation Mobile Source Emissions Factors - EMFAC2017 Summer PM2.5

Region	CalYr	VehClass	Fuel	Speed	Population	VMT	Trips	PM2.5_RUNEX (g/mile)	PM2.5_IDLEX (g/vehicle/day)	PM2.5_STREX (g/trip)	PM2.5_PMTW (g/mile)	PM2.5_PMBW (g/mile)	PM2.5_Combined - Calculated (g/mile)
RIVERSIDE	2021	HHDT	DSL	Aggregated	27,250.49	3,825,933.40	312,944.63	0.052096959	0.112273163	0	0.008898343	0.026161128	
RIVERSIDE	2021	MHDT	DSL	Aggregated	15,756.36	963,068.11	151,121.37	0.086721358	0.023594615	0	0.003000001	0.055860016	
							HHDT and MHDT Composite	**0.0591**	**0.0944**	**0.0000**	**0.0077**	**0.0321**	**0.098906**
RIVERSIDE	2021	LDA	GAS	Aggregated	750,300.86	29,816,029.44	3,552,291.91	0.001293882	0	0.001805983	0.002000001	0.015750005	
RIVERSIDE	2021	LDA	DSL	Aggregated	6,761.58	284,051.95	32,376.68	0.007315009	0	0	0.002000001	0.015750005	
RIVERSIDE	2021	LDA	ELEC	Aggregated	10,150.83	397,377.33	51,147.17	0	0	0	0.002000001	0.015750005	
RIVERSIDE	2021	LDT1	GAS	Aggregated	80,587.48	3,017,205.80	366,690.86	0.002068731	0	0.002726449	0.002000001	0.015750005	
RIVERSIDE	2021	LDT1	DSL	Aggregated	42.62	937.32	139.37	0.166629383	0	0	0.002000001	0.015750005	
RIVERSIDE	2021	LDT1	ELEC	Aggregated	312.67	12,704.03	1,592.30	0	0	0	0.002000001	0.015750005	
RIVERSIDE	2021	LDT2	GAS	Aggregated	246,596.51	9,631,963.54	1,154,462.90	0.001360267	0	0.001824137	0.002000001	0.015750005	
RIVERSIDE	2021	LDT2	DSL	Aggregated	1,288.99	58,422.34	6,390.04	0.005760492	0	0	0.002000001	0.015750005	
RIVERSIDE	2021	LDT2	ELEC	Aggregated	1,692.17	54,349.02	8,602.01	0	0	0	0.002000001	0.015750005	
RIVERSIDE	2021	LHDT1	GAS	Aggregated	20,885.97	692,854.05	311,169.90	0.000987741	0	0.000386665	0.002000001	0.032760009	
RIVERSIDE	2021	LHDT1	DSL	Aggregated	19,999.78	695,951.65	251,572.05	0.020115439	0.026106446	0	0.003000001	0.032760009	
RIVERSIDE	2021	LHDT2	GAS	Aggregated	3,292.65	108,726.45	49,055.53	0.000841916	0	0.000312126	0.002000001	0.038220011	
RIVERSIDE	2021	LHDT2	DSL	Aggregated	7,676.54	267,713.75	96,561.22	0.018556835	0.026122829	0	0.003000001	0.038220011	
RIVERSIDE	2021	MCY	GAS	Aggregated	35,659.72	267,522.39	71,319.43	0.001644228	0	0.002699911	0.001	0.005040001	
RIVERSIDE	2021	MDV	GAS	Aggregated	208,791.37	7,677,992.85	957,457.85	0.001375619	0	0.001937165	0.002000001	0.015750005	
RIVERSIDE	2021	MDV	DSL	Aggregated	3,985.67	171,354.65	19,488.50	0.005054132	0	0	0.002000001	0.015750005	
RIVERSIDE	2021	MDV	ELEC	Aggregated	787.11	25,973.70	4,035.65	0	0	0	0.002000001	0.015750005	
RIVERSIDE	2021	MH	GAS	Aggregated	6,261.09	50,694.81	626.36	0.001111297	0	0.00032574	0.003000001	0.055860016	
RIVERSIDE	2021	MH	DSL	Aggregated	2,593.42	21,461.99	259.34	0.13785689	0	0	0.004000001	0.055860016	
RIVERSIDE	2021	OBUS	GAS	Aggregated	589.48	27,261.01	11,794.32	0.000634178	0	0.000223258	0.003000001	0.055860016	
RIVERSIDE	2021	OBUS	DSL	Aggregated	347.99	24,855.13	3,314.36	0.077197238	0.062312813	0	0.003000001	0.055860016	
RIVERSIDE	2021	SBUS	GAS	Aggregated	475.47	19,228.88	1,901.89	0.000681999	0	0.000287148	0.002000001	0.319200087	
RIVERSIDE	2021	SBUS	DSL	Aggregated	1,131.96	35,858.76	13,062.61	0.042154878	0.04343359	0	0.003000001	0.319200091	
RIVERSIDE	2021	UBUS	GAS	Aggregated	163.48	23,017.82	653.94	0.001048982	0	0.000432305	0.002386561	0.045038932	
RIVERSIDE	2021	UBUS	DSL	Aggregated	1.11	58.57	4.42	0.004107041	0	0	0.003000002	0.055860034	
RIVERSIDE	2021	UBUS	ELEC	Aggregated	5.06	271.53	20.23	0	0	0	0.008972347	0.026595544	
RIVERSIDE	2021	UBUS	NG	Aggregated	306.62	41,979.73	1,226.49	0.003764438	0	0	0.007154182	0.033666358	
							LDA, LDT1, LDT2, LHDT1, LHDT2, MCY, MDV, MH, OBUS, SBUS, and UBUS Composite	**0.0018**	**0.0006**	**0.0017**	**0.0020**	**0.0167**	**0.020600**

Table 12. Operation Mobile Source Emissions Factors - EMFAC2017 Summer CO2

Region	CalYr	VehClass	Fuel	Speed	Population	VMT	Trips	CO2_RUNEX (g/mile)	CO2_IDLEX (g/vehicle/day)	CO2_STREX (g/trip)
RIVERSIDE	2021	HHDT	DSL	Aggregated	27,250.49	3,825,933.40	312,944.63	1344.168147	16132.17844	0
RIVERSIDE	2021	MHDT	DSL	Aggregated	15,756.36	963,068.11	151,121.37	931.376529	852.5211043	0
						HHDT and MHDT Composite		**1261.1558**	**13059.4396**	**0.0000**
RIVERSIDE	2021	LDA	GAS	Aggregated	750,300.86	29,816,029.44	3,552,291.91	293.8397474	0	55.51606057
RIVERSIDE	2021	LDA	DSL	Aggregated	6,761.58	284,051.95	32,376.68	200.0901118	0	0
RIVERSIDE	2021	LDA	ELEC	Aggregated	10,150.83	397,377.33	51,147.17	0	0	0
RIVERSIDE	2021	LDT1	GAS	Aggregated	80,587.48	3,017,205.80	366,690.86	343.2114396	0	66.31904847
RIVERSIDE	2021	LDT1	DSL	Aggregated	42.62	937.32	139.37	398.0782468	0	0
RIVERSIDE	2021	LDT1	ELEC	Aggregated	312.67	12,704.03	1,592.30	0	0	0
RIVERSIDE	2021	LDT2	GAS	Aggregated	246,596.51	9,631,963.54	1,154,462.90	365.482858	0	71.78517786
RIVERSIDE	2021	LDT2	DSL	Aggregated	1,288.99	58,422.34	6,390.04	268.6598839	0	0
RIVERSIDE	2021	LDT2	ELEC	Aggregated	1,692.17	54,349.02	8,602.01	0	0	0
RIVERSIDE	2021	LHDT1	GAS	Aggregated	20,885.97	692,854.05	311,169.90	794.2356318	122.4858556	18.90839023
RIVERSIDE	2021	LHDT1	DSL	Aggregated	19,999.78	695,951.65	251,572.05	486.3839212	137.6741944	0
RIVERSIDE	2021	LHDT2	GAS	Aggregated	3,292.65	108,726.45	49,055.53	910.2038076	141.2574218	21.51268381
RIVERSIDE	2021	LHDT2	DSL	Aggregated	7,676.54	267,713.75	96,561.22	528.6231579	221.2560171	0
RIVERSIDE	2021	MCY	GAS	Aggregated	35,659.72	267,522.39	71,319.43	209.2559577	0	59.19268359
RIVERSIDE	2021	MDV	GAS	Aggregated	208,791.37	7,677,992.85	957,457.85	450.4407348	0	90.08402103
RIVERSIDE	2021	MDV	DSL	Aggregated	3,985.67	171,354.65	19,488.50	363.8495244	0	0
RIVERSIDE	2021	MDV	ELEC	Aggregated	787.11	25,973.70	4,035.65	0	0	0
RIVERSIDE	2021	MH	GAS	Aggregated	6,261.09	50,694.81	626.36	1683.784263	0	25.97582398
RIVERSIDE	2021	MH	DSL	Aggregated	2,593.42	21,461.99	259.34	941.7589447	0	0
RIVERSIDE	2021	OBUS	GAS	Aggregated	589.48	27,261.01	11,794.32	1673.020951	382.4351647	26.3548305
RIVERSIDE	2021	OBUS	DSL	Aggregated	347.99	24,855.13	3,314.36	1115.746917	2556.590737	0
RIVERSIDE	2021	SBUS	GAS	Aggregated	475.47	19,228.88	1,901.89	890.923786	2659.70473	44.29604909
RIVERSIDE	2021	SBUS	DSL	Aggregated	1,131.96	35,858.76	13,062.61	1235.588303	3867.948355	0
RIVERSIDE	2021	UBUS	GAS	Aggregated	163.48	23,017.82	653.94	1393.60754	0	51.56596853
RIVERSIDE	2021	UBUS	DSL	Aggregated	1.11	58.57	4.42	1141.143654	0	0
RIVERSIDE	2021	UBUS	ELEC	Aggregated	5.06	271.53	20.23	0	0	0
RIVERSIDE	2021	UBUS	NG	Aggregated	306.62	41,979.73	1,226.49	1751.725881	0	0
						LDA, LDT1, LDT2, LHDT1, LHDT2, MCY, MDV, MH, OBUS, SBUS, and UBUS Composite		**345.1891**	**10.0897**	**57.7359**

EMFAC2017 (v1.0.2) Emission Rates
Region Type: County
Region: RIVERSIDE
Calendar Year: 2021
Season: Summer
Vehicle Classification: EMFAC2007 Categories
Units: miles/day for VMT, trips/day for Trips, g/mile for RUNEX, PMBW and PMTW, g/trip for STREX, HTSK and RUNLS, g/vehicle/day for IDLEX, RESTL and DIURN
Model Year: Aggregated

Notes:

Idle Duration:

HHDT	109.4	min/day
MHDT	5.86	min/day
LHDT1	1.74	min/day
LHDT2	1.87	min/day

Table 14. Operation Mobile Source Emissions Factors - EMFAC2017 Summer N2O

Region	CalYr	VehClass	Fuel	Speed	Population	VMT	Trips	N2O_RUNEX (g/mile)	N2O_IDLEX (g/vehicle/day)	N2O_STREX (g/trip)
RIVERSIDE	2021	HHDT	DSL	Aggregated	27,250.49	3,825,933.40	312,944.63	0.211284514	2.535753797	0
RIVERSIDE	2021	MHDT	DSL	Aggregated	15,756.36	963,068.11	151,121.37	0.14639942	0.134004446	0
						HHDT and MHDT Composite		**0.1982**	**2.0528**	**0.0000**
RIVERSIDE	2021	LDA	GAS	Aggregated	750,300.86	29,816,029.44	3,552,291.91	0.004351906	0	0.025922239
RIVERSIDE	2021	LDA	DSL	Aggregated	6,761.58	284,051.95	32,376.68	0.031451379	0	0
RIVERSIDE	2021	LDA	ELEC	Aggregated	10,150.83	397,377.33	51,147.17	0	0	0
RIVERSIDE	2021	LDT1	GAS	Aggregated	80,587.48	3,017,205.80	366,690.86	0.009923342	0	0.031068926
RIVERSIDE	2021	LDT1	DSL	Aggregated	42.62	937.32	139.37	0.062572357	0	0
RIVERSIDE	2021	LDT1	ELEC	Aggregated	312.67	12,704.03	1,592.30	0	0	0
RIVERSIDE	2021	LDT2	GAS	Aggregated	246,596.51	9,631,963.54	1,154,462.90	0.006977574	0	0.033876311
RIVERSIDE	2021	LDT2	DSL	Aggregated	1,288.99	58,422.34	6,390.04	0.042229592	0	0
RIVERSIDE	2021	LDT2	ELEC	Aggregated	1,692.17	54,349.02	8,602.01	0	0	0
RIVERSIDE	2021	LHDT1	GAS	Aggregated	20,885.97	692,854.05	311,169.90	0.012705585	0.003260115	0.042634781
RIVERSIDE	2021	LHDT1	DSL	Aggregated	19,999.78	695,951.65	251,572.05	0.076452779	0.021640466	0
RIVERSIDE	2021	LHDT2	GAS	Aggregated	3,292.65	108,726.45	49,055.53	0.012245716	0.003255556	0.04295114
RIVERSIDE	2021	LHDT2	DSL	Aggregated	7,676.54	267,713.75	96,561.22	0.083092199	0.034778365	0
RIVERSIDE	2021	MCY	GAS	Aggregated	35,659.72	267,522.39	71,319.43	0.059157889	0	0.01471724
RIVERSIDE	2021	MDV	GAS	Aggregated	208,791.37	7,677,992.85	957,457.85	0.008940935	0	0.037957807
RIVERSIDE	2021	MDV	DSL	Aggregated	3,985.67	171,354.65	19,488.50	0.057192078	0	0
RIVERSIDE	2021	MDV	ELEC	Aggregated	787.11	25,973.70	4,035.65	0	0	0
RIVERSIDE	2021	MH	GAS	Aggregated	6,261.09	50,694.81	626.36	0.024350977	0	0.034569579
RIVERSIDE	2021	MH	DSL	Aggregated	2,593.42	21,461.99	259.34	0.148031391	0	0
RIVERSIDE	2021	OBUS	GAS	Aggregated	589.48	27,261.01	11,794.32	0.021124418	0.005647721	0.025354778
RIVERSIDE	2021	OBUS	DSL	Aggregated	347.99	24,855.13	3,314.36	0.175379878	0.401860461	0
RIVERSIDE	2021	SBUS	GAS	Aggregated	475.47	19,228.88	1,901.89	0.018481039	0.089226528	0.05058423
RIVERSIDE	2021	SBUS	DSL	Aggregated	1,131.96	35,858.76	13,062.61	0.194217275	0.607987617	0
RIVERSIDE	2021	UBUS	GAS	Aggregated	163.48	23,017.82	653.94	0.01280363	0	0.057256748
RIVERSIDE	2021	UBUS	DSL	Aggregated	1.11	58.57	4.42	0.179371891	0	0
RIVERSIDE	2021	UBUS	ELEC	Aggregated	5.06	271.53	20.23	0	0	0
RIVERSIDE	2021	UBUS	NG	Aggregated	306.62	41,979.73	1,226.49	0.35710078	0	0
						LDA, LDT1, LDT2, LHDT1, LHDT2, MCY, MDV, MH, OBUS, SBUS, and UBUS Composite		**0.0084**	**0.0012**	**0.0281**

EMFAC2017 (v1.0.2) Emission Rates
Region Type: County
Region: RIVERSIDE
Calendar Year: 2021
Season: Summer
Vehicle Classification: EMFAC2007 Categories
Units: miles/day for VMT, trips/day for Trips, g/mile for RUNEX, PMBW and PMTW, g/trip for STREX, HTSK and RUNLS, g/vehicle/day for IDLEX, RESTL and DIURN
Model Year: Aggregated

Notes:

Idle Duration:

HHDT	109.4	min/day
MHDT	5.86	min/day
LHDT1	1.74	min/day
LHDT2	1.87	min/day
OBUS	5.9	min/day

Table 13. Operation Mobile Source Emissions Factors - EMFAC2017 Summer CH4

Region	CalYr	VehClass	Fuel	Speed	Population	VMT	Trips	CH4_RUNEX (g/mile)	CH4_IDLEX (g/vehicle/day)	CH4_STREX (g/trip)
RIVERSIDE	2021	HHDT	DSL	Aggregated	27,250.49	3,825,933.40	312,944.63	0.003223056	0.323880046	0
RIVERSIDE	2021	MHDT	DSL	Aggregated	15,756.36	963,068.11	151,121.37	0.005062701	0.005525192	0
						HHDT and MHDT Composite		**0.0036**	**0.2599**	**0.0000**
RIVERSIDE	2021	LDA	GAS	Aggregated	750,300.86	29,816,029.44	3,552,291.91	0.002868253	0	0.046349576
RIVERSIDE	2021	LDA	DSL	Aggregated	6,761.58	284,051.95	32,376.68	0.00064982	0	0
RIVERSIDE	2021	LDA	ELEC	Aggregated	10,150.83	397,377.33	51,147.17	0	0	0
RIVERSIDE	2021	LDT1	GAS	Aggregated	80,587.48	3,017,205.80	366,690.86	0.009093349	0	0.076034081
RIVERSIDE	2021	LDT1	DSL	Aggregated	42.62	937.32	139.37	0.010554935	0	0
RIVERSIDE	2021	LDT1	ELEC	Aggregated	312.67	12,704.03	1,592.30	0	0	0
RIVERSIDE	2021	LDT2	GAS	Aggregated	246,596.51	9,631,963.54	1,154,462.90	0.004880665	0	0.064319176
RIVERSIDE	2021	LDT2	DSL	Aggregated	1,288.99	58,422.34	6,390.04	0.000680186	0	0
RIVERSIDE	2021	LDT2	ELEC	Aggregated	1,692.17	54,349.02	8,602.01	0	0	0
RIVERSIDE	2021	LHDT1	GAS	Aggregated	20,885.97	692,854.05	311,169.90	0.006589856	0.126987379	0.027120333
RIVERSIDE	2021	LHDT1	DSL	Aggregated	19,999.78	695,951.65	251,572.05	0.004254429	0.005098128	0
RIVERSIDE	2021	LHDT2	GAS	Aggregated	3,292.65	108,726.45	49,055.53	0.004496877	0.128722457	0.025898454
RIVERSIDE	2021	LHDT2	DSL	Aggregated	7,676.54	267,713.75	96,561.22	0.003638294	0.005098128	0
RIVERSIDE	2021	MCY	GAS	Aggregated	35,659.72	267,522.39	71,319.43	0.316789487	0	0.216788223
RIVERSIDE	2021	MDV	GAS	Aggregated	208,791.37	7,677,992.85	957,457.85	0.006667482	0	0.081181708
RIVERSIDE	2021	MDV	DSL	Aggregated	3,985.67	171,354.65	19,488.50	0.000513485	0	0
RIVERSIDE	2021	MDV	ELEC	Aggregated	787.11	25,973.70	4,035.65	0	0	0
RIVERSIDE	2021	MH	GAS	Aggregated	6,261.09	50,694.81	626.36	0.01354948	0	0.031751092
RIVERSIDE	2021	MH	DSL	Aggregated	2,593.42	21,461.99	259.34	0.003336572	0	0
RIVERSIDE	2021	OBUS	GAS	Aggregated	589.48	27,261.01	11,794.32	0.011364287	0.199483986	0.029580797
RIVERSIDE	2021	OBUS	DSL	Aggregated	347.99	24,855.13	3,314.36	0.005645867	0.050534653	0
RIVERSIDE	2021	SBUS	GAS	Aggregated	475.47	19,228.88	1,901.89	0.008270445	2.412752014	0.045937812
RIVERSIDE	2021	SBUS	DSL	Aggregated	1,131.96	35,858.76	13,062.61	0.005836533	0.012728499	0
RIVERSIDE	2021	UBUS	GAS	Aggregated	163.48	23,017.82	653.94	0.003959371	0	0.050172847
RIVERSIDE	2021	UBUS	DSL	Aggregated	1.11	58.57	4.42	0.037433126	0	0
RIVERSIDE	2021	UBUS	ELEC	Aggregated	5.06	271.53	20.23	0	0	0
RIVERSIDE	2021	UBUS	NG	Aggregated	306.62	41,979.73	1,226.49	5.210992782	0	0
						LDA, LDT1, LDT2, LHDT1, LHDT2, MCY, MDV, MH, OBUS, SBUS, and UBUS Composite		**0.0098**	**0.0032**	**0.0531**

EMFAC2017 (v1.0.2) Emission Rates
Region Type: County
Region: RIVERSIDE
Calendar Year: 2021
Season: Summer
Vehicle Classification: EMFAC2007 Categories
Units: miles/day for VMT, trips/day for Trips, g/mile for RUNEX, PMBW and PMTW, g/trip for STREX, HTSK and RUNLS, g/vehicle/day for IDLEX, RESTL and DIURN
Model Year: Aggregated

Notes:

Idle Duration:

HHDT	109.4	min/day
MHDT	5.86	min/day
LHDT1	1.74	min/day
LHDT2	1.87	min/day

Table 14. Paved Road Fugitive Emissions - Operation Mobile Sources

Equation:

$E = k \times (sL/2)^{0.91} \times (W)1.02$ [maximum day]

Where:			Units
k	particle size multiplier (PM_{10})	0.00220	lb/VMT
k	particle size multiplier ($PM_{2.5}$)	0.00054	lb/VMT
sL	silt loading (2)	0.1	g/m^2
W	average weight (tons) of the vehicle traveling the road	2.4	tons

Notes/References:
k = Emission factors from CalEEMod2016.3.1 per AP-42, Section 13.2.1 (Paved Roads).
sL = Silt loading from CalEEMod2016.3.2
For daily emissions it is assumed to have no precipitation.

Truck Weight Assumptions

EMFAC Definition	EMFAC Category	GVWR (pounds)	GVWR (tons)	
Heavy Heavy-Duty Truck	HHDT	>33,000	17	*Assumed 33,000 pounds*
Medium Heavy-Duty Truck	MHDT	14,001-33,000	8	*Assumed average of 14,001 & 33,000 pounds*
Composite Heavy & Medium Heavy-Duty Truck	HHDT & MHDT	14,001-33,000+	13	*Assumed average of HHDT & MHDT pounds*

Source: EMFAC 2014
GVWR = Gross Vehicle Weight Rating
1 pound = 0.0005 US tons

Employee Vehicles Evaluated:

Employee Type	Average Weight (tons)
Passenger Vehicles	2.4

Reference:
Source: CalEEMod2016.3.2 (average vehicle weight = 2.4 tons)
Per AP-42, Section 13.2.1 (Paved Roads): The above equation calls for the average weight of all vehicles traveling the road. For example, if 99 percent of traffic on the road are 2 ton cars/trucks while the remaining 1 percent consists of 20 ton trucks, then the mean weight "W" is 2.2 tons. More specifically, the above equation is not intended to be used to calculate a separate emission factor for each vehicle weight class. Instead, only one emission factor should be calculated to represent the "fleet" average weight of all vehicles traveling the road.

Emission Factors	**PM10 Paved Road (lb/VMT)**	**PM2.5 Paved Road (lb/VMT)**	**PM10 Paved Road (g/VMT)**	**PM2.5 Paved Road (g/VMT)**
HHDT	0.0049	0.0012	2.2087	0.5421
MHDT	0.0023	0.0006	1.0239	0.2513
HHDT & MHDT	0.0037	0.0009	1.6800	0.4124
Passenger Vehicles	0.0007	0.0002	0.2998	0.0736
Average	0.0022	0.0005	0.9899	0.2430

EMFAC2017 (v1.0.2) Emission Rates
Region Type: County
Region: RIVERSIDE
Calendar Year: 2021
Season: Summer
Vehicle Classification: EMFAC2007 Categories
Units: miles/day for VMT, trips/day for Trips, g/mile for RUNEX, PMBW and PMTW, g/trip for STREX, HT

Region	Calendar Year	Vehicle Category	Fuel	Population	VMT	Trips	ROG_RUNEX	ROG_IDLEX
RIVERSIDE	2021	HHDT	DSL	27250.49	3825933	312944.6	0.069392	6.973049
RIVERSIDE	2021	MHDT	DSL	15756.36	963068.1	151121.4	0.108999	0.118956
RIVERSIDE	2021	LDA	GAS	750300.9	29816029	3552292	0.010874	0
RIVERSIDE	2021	LDA	DSL	6761.576	284051.9	32376.68	0.01399	0
RIVERSIDE	2021	LDA	ELEC	10150.83	397377.3	51147.17	0	0
RIVERSIDE	2021	LDT1	GAS	80587.48	3017206	366690.9	0.040096	0
RIVERSIDE	2021	LDT1	DSL	42.61598	937.3229	139.3726	0.227242	0
RIVERSIDE	2021	LDT1	ELEC	312.6717	12704.03	1592.297	0	0
RIVERSIDE	2021	LDT2	GAS	246596.5	9631964	1154463	0.019741	0
RIVERSIDE	2021	LDT2	DSL	1288.993	58422.34	6390.045	0.014644	0
RIVERSIDE	2021	LDT2	ELEC	1692.169	54349.02	8602.01	0	0
RIVERSIDE	2021	LHDT1	GAS	20885.97	692854.1	311169.9	0.031287	0.456649
RIVERSIDE	2021	LHDT1	DSL	19999.78	695951.6	251572	0.091595	0.10976
RIVERSIDE	2021	LHDT2	GAS	3292.647	108726.5	49055.53	0.01966	0.458215
RIVERSIDE	2021	LHDT2	DSL	7676.541	267713.8	96561.22	0.07833	0.10976
RIVERSIDE	2021	MCY	GAS	35659.72	267522.4	71319.43	2.133549	0
RIVERSIDE	2021	MDV	GAS	208791.4	7677993	957457.8	0.029037	0
RIVERSIDE	2021	MDV	DSL	3985.675	171354.6	19488.5	0.011055	0
RIVERSIDE	2021	MDV	ELEC	787.1077	25973.7	4035.648	0	0
RIVERSIDE	2021	MH	GAS	6261.086	50694.81	626.359	0.059047	0
RIVERSIDE	2021	MH	DSL	2593.425	21461.99	259.3425	0.071834	0
RIVERSIDE	2021	OBUS	GAS	589.4801	27261.01	11794.32	0.053396	0.745348
RIVERSIDE	2021	OBUS	DSL	347.993	24855.13	3314.356	0.121554	1.087997
RIVERSIDE	2021	SBUS	GAS	475.4713	19228.88	1901.885	0.040344	10.63966
RIVERSIDE	2021	SBUS	DSL	1131.956	35858.76	13062.61	0.125659	0.274041

RIVERSIDE	2021	UBUS	GAS	163.4848	23017.82	653.9394	0.011774	0
RIVERSIDE	2021	UBUS	DSL	1.105798	58.5719	4.423192	0.000535	0
RIVERSIDE	2021	UBUS	ELEC	5.058469	271.5304	20.23388	0	0
RIVERSIDE	2021	UBUS	NG	306.6216	41979.73	1226.486	0.07726	0

SK and RUNLS, g/vehicle/day for IDLEX, RESTL and DIURN

ROG_STREX	ROG_HOTSOAK	ROG_RUNLOSS	ROG_RESTLOSS	ROG_DIURN	TOG_RUNEX	TOG_IDLEX	TOG_STREX	TOG_HOTSOAK
0	0	0	0	0	0.078997	7.938285	0	0
0	0	0	0	0	0.124087	0.135422	0	0
0.20337	0.123996	0.217244	0.492825	0.665536	0.015855	0	0.222663	0.123996
0	0	0	0	0	0.015927	0	0	0
0	0.004888	0	0.03795	0.069271	0	0	0	0.004888
0.386075	0.342013	0.879354	1.345425	2.026995	0.058455	0	0.422701	0.342013
0	0	0	0	0	0.258699	0	0	0
0	0.004888	0	0.03809	0.069452	0	0	0	0.004888
0.295656	0.169326	0.449698	0.788521	1.02664	0.028783	0	0.323705	0.169326
0	0	0	0	0	0.016671	0	0	0
0	0.004888	0	0.038686	0.070239	0	0	0	0.004888
0.134095	0.170844	0.909548	0.080767	0.160406	0.045654	0.666341	0.146817	0.170844
0	0	0	0	0	0.104275	0.124954	0	0
0.126573	0.151709	0.747896	0.071336	0.140783	0.028687	0.668627	0.138581	0.151709
0	0	0	0	0	0.089174	0.124954	0	0
1.62893	1.234266	1.862851	4.09025	6.554859	2.625592	0	1.772531	1.234266
0.398475	0.201756	0.5127	0.967022	1.206279	0.041278	0	0.436243	0.201756
0	0	0	0	0	0.012585	0	0	0
0	0.004888	0	0.038588	0.070104	0	0	0	0.004888
0.130256	0.113815	2.086195	0.123727	0.330536	0.086161	0	0.142614	0.113815
0	0	0	0	0	0.081779	0	0	0
0.152831	0.0336	0.332191	0.054652	0.121305	0.077915	1.087611	0.167331	0.0336
0	0	0	0	0	0.13838	1.238602	0	0
0.263969	0.071944	0.385852	0.036676	0.074351	0.05887	15.52537	0.289012	0.071944
0	0	0	0	0	0.143053	0.311975	0	0

0.195089	0.0341	0.131929	0.016955	0.024983	0.01718	0	0.213598	0.0341
0	0	0	0	0	0.038203	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	5.321263	0	0	0

TOG_RUNLOSS	TOG_RESTLOSS	TOG_DIURN	CO_RUNEX	CO_IDLEX	CO_STREX	NOx_RUNEX	NOx_IDLEX	NOx_STREX
0	0	0	0.315149	85.04769	0	2.879822	81.65974	1.995305
0	0	0	0.428592	2.123299	0	2.42243	8.40348	1.360943
0.217244	0.492825	0.665536	0.826284	0	1.917554	0.037151	0	0.185278
0	0	0	0.189719	0	0	0.075748	0	0
0	0.03795	0.069271	0	0	0	0	0	0
0.879354	1.345425	2.026995	1.967356	0	2.156417	0.133948	0	0.295708
0	0	0	1.392251	0	0	1.176544	0	0
0	0.03809	0.069452	0	0	0	0	0	0
0.449698	0.788521	1.02664	1.213353	0	2.449554	0.084125	0	0.300794
0	0	0	0.113342	0	0	0.04636	0	0
0	0.038686	0.070239	0	0	0	0	0	0
0.909548	0.080767	0.160406	0.835831	3.750864	1.656627	0.203791	0.039863	0.540717
0	0	0	0.631983	0.909745	0	2.810248	2.32175	0
0.747896	0.071336	0.140783	0.527248	3.761022	1.582514	0.18149	0.039963	0.548306
0	0	0	0.532223	0.909745	0	2.278241	2.321113	0
1.862851	4.09025	6.554859	20.27172	0	8.000177	0.979671	0	0.247122
0.5127	0.967022	1.206279	1.489969	0	2.953136	0.1139	0	0.386249
0	0	0	0.180662	0	0	0.057636	0	0
0	0.038588	0.070104	0	0	0	0	0	0
2.086195	0.123727	0.330536	1.869001	0	2.760542	0.388205	0	0.313208
0	0	0	0.338926	0	0	4.176671	0	0
0.332191	0.054652	0.121305	1.394315	5.769077	3.084875	0.399187	0.065	0.310275
0	0	0	0.446633	10.93995	0	2.88793	19.22025	1.543664
0.385852	0.036676	0.074351	0.890518	82.22964	5.3268	0.273439	0.926404	0.529258
0	0	0	0.345841	5.006295	0	6.811805	47.99112	0.714017

0.131929	0.016955	0.024983	0.196639	0	3.725263	0.118066	0	0.50621
0	0	0	0.057129	0	0	0.477422	0	0
0	0	0	0	0	0	0	0	0
0	0	0	40.43882	0	0	0.415812	0	0

CO2_RUNEX	CO2_IDLEX	CO2_STREX	CH4_RUNEX	CH4_IDLEX	CH4_STREX	PM10_RUNEX	PM10_IDLEX	PM10_STREX
1344.168	16132.18	0	0.003223	0.32388	0	0.054453	0.11735	0
931.3765	852.5211	0	0.005063	0.005525	0	0.090643	0.024661	0
293.8397	0	55.51606	0.002868	0	0.04635	0.001407	0	0.001964
200.0901	0	0	0.00065	0	0	0.007646	0	0
0	0	0	0	0	0	0	0	0
343.2114	0	66.31905	0.009093	0	0.076034	0.00225	0	0.002965
398.0782	0	0	0.010555	0	0	0.174164	0	0
0	0	0	0	0	0	0	0	0
365.4829	0	71.78518	0.004881	0	0.064319	0.001479	0	0.001984
268.6599	0	0	0.00068	0	0	0.006021	0	0
0	0	0	0	0	0	0	0	0
794.2356	122.4859	18.90839	0.00659	0.126987	0.02712	0.001074	0	0.000421
486.3839	137.6742	0	0.004254	0.005098	0	0.021025	0.027287	0
910.2038	141.2574	21.51268	0.004497	0.128722	0.025898	0.000916	0	0.000339
528.6232	221.256	0	0.003638	0.005098	0	0.019396	0.027304	0
209.256	0	59.19268	0.316789	0	0.216788	0.001757	0	0.002866
450.4407	0	90.08402	0.006667	0	0.081182	0.001495	0	0.002105
363.8495	0	0	0.000513	0	0	0.005283	0	0
0	0	0	0	0	0	0	0	0
1683.784	0	25.97582	0.013549	0	0.031751	0.001209	0	0.000354
941.7589	0	0	0.003337	0	0	0.14409	0	0
1673.021	382.4352	26.35483	0.011364	0.199484	0.029581	0.00069	0	0.000243
1115.747	2556.591	0	0.005646	0.050535	0	0.080688	0.06513	0
890.9238	2659.705	44.29605	0.00827	2.412752	0.045938	0.000742	0	0.000312
1235.588	3867.948	0	0.005837	0.012728	0	0.044061	0.045397	0

1393.608	0	51.56597	0.003959	0	0.050173	0.001141	0	0.00047
1141.144	0	0	0.037433	0	0	0.004293	0	0
0	0	0	0	0	0	0	0	0
1751.726	0	0	5.210993	0	0	0.003935	0	0

PM10_PMTW	PM10_PMBW	PM2_5_RUNEX	PM2_5_IDLEX	PM2_5_STREX	PM2_5_PMTW	PM2_5_PMBW	SOx_RUNEX	SOx_IDLEX
0.035593	0.061043	0.052097	0.112273	0	0.008898	0.026161	0.012699	0.152409
0.012	0.13034	0.086721	0.023595	0	0.003	0.05586	0.008799	0.008054
0.008	0.03675	0.001294	0	0.001806	0.002	0.01575	0.002908	0
0.008	0.03675	0.007315	0	0	0.002	0.01575	0.001892	0
0.008	0.03675	0	0	0	0.002	0.01575	0	0
0.008	0.03675	0.002069	0	0.002726	0.002	0.01575	0.003396	0
0.008	0.03675	0.166629	0	0	0.002	0.01575	0.003763	0
0.008	0.03675	0	0	0	0.002	0.01575	0	0
0.008	0.03675	0.00136	0	0.001824	0.002	0.01575	0.003617	0
0.008	0.03675	0.00576	0	0	0.002	0.01575	0.00254	0
0.008	0.03675	0	0	0	0.002	0.01575	0	0
0.008	0.07644	0.000988	0	0.000387	0.002	0.03276	0.00786	0.001212
0.012	0.07644	0.020115	0.026106	0	0.003	0.03276	0.004598	0.001302
0.008	0.08918	0.000842	0	0.000312	0.002	0.03822	0.009007	0.001398
0.012	0.08918	0.018557	0.026123	0	0.003	0.03822	0.004997	0.002092
0.004	0.01176	0.001644	0	0.0027	0.001	0.00504	0.002071	0
0.008	0.03675	0.001376	0	0.001937	0.002	0.01575	0.004457	0
0.008	0.03675	0.005054	0	0	0.002	0.01575	0.00344	0
0.008	0.03675	0	0	0	0.002	0.01575	0	0
0.012	0.13034	0.001111	0	0.000326	0.003	0.05586	0.016662	0
0.016	0.13034	0.137857	0	0	0.004	0.05586	0.008903	0
0.012	0.13034	0.000634	0	0.000223	0.003	0.05586	0.016556	0.003785
0.012	0.13034	0.077197	0.062313	0	0.003	0.05586	0.010541	0.024153
0.008	0.7448	0.000682	0	0.000287	0.002	0.3192	0.008816	0.02632
0.012	0.7448	0.042155	0.043434	0	0.003	0.3192	0.011673	0.036542

0.009546	0.105091	0.001049	0	0.000432	0.002387	0.045039	0.013791	0
0.012	0.13034	0.004107	0	0	0.003	0.05586	0.010788	0
0.035889	0.062056	0	0	0	0.008972	0.026596	0	0
0.028617	0.078555	0.003764	0	0	0.007154	0.033666	0	0

SOx_STREX	N2O_RUNEX	N2O_IDLEX	N2O_STREX
0	0.211285	2.535754	0
0	0.146399	0.134004	0
0.000549	0.004352	0	0.025922
0	0.031451	0	0
0	0	0	0
0.000656	0.009923	0	0.031069
0	0.062572	0	0
0	0	0	0
0.00071	0.006978	0	0.033876
0	0.04223	0	0
0	0	0	0
0.000187	0.012706	0.00326	0.042635
0	0.076453	0.02164	0
0.000213	0.012246	0.003256	0.042951
0	0.083092	0.034778	0
0.000586	0.059158	0	0.014717
0.000891	0.008941	0	0.037958
0	0.057192	0	0
0	0	0	0
0.000257	0.024351	0	0.03457
0	0.148031	0	0
0.000261	0.021124	0.005648	0.025355
0	0.17538	0.40186	0
0.000438	0.018481	0.089227	0.050584
0	0.194217	0.607988	0

0.00051	0.012804	0	0.057257
0	0.179372	0	0
0	0	0	0
0	0.357101	0	0

EMFAC2017 (v1.0.2) Emission Rates
Region Type: County
Region: RIVERSIDE
Calendar Year: 2022
Season: Summer
Vehicle Classification: EMFAC2007 Categories
Units: miles/day for VMT, g/mile for RUNEX, PMBW and PMTW

Region	Calendar Y	Vehicle Cat	Model Year	Speed	Fuel	VMT	ROG_RUNE	TOG_RUNE
RIVERSIDE	2021	HHDT	Aggregated	15	DSL	6117.946	0.3548	0.4039
RIVERSIDE	2021	MHDT	Aggregated	15	DSL	1962.902	0.558851	0.636209
					HHDT and MHDT Composite		**0.404339**	**0.460309**
RIVERSIDE	2021	LDA	Aggregated	15	GAS	91128.87	0.033207	0.04843
RIVERSIDE	2021	LDA	Aggregated	15	DSL	866.093	0.078428	0.089285
RIVERSIDE	2021	LDT1	Aggregated	15	GAS	9476.79	0.119535	0.174305
RIVERSIDE	2021	LDT1	Aggregated	15	DSL	3.022153	0.517578	0.589229
RIVERSIDE	2021	LDT2	Aggregated	15	GAS	30191.86	0.060044	0.087563
RIVERSIDE	2021	LDT2	Aggregated	15	DSL	185.1373	0.097803	0.111342
RIVERSIDE	2021	LHDT1	Aggregated	15	GAS	1575.873	0.082881	0.120939
RIVERSIDE	2021	LHDT1	Aggregated	15	DSL	1317.893	0.324148	0.369021
RIVERSIDE	2021	LHDT2	Aggregated	15	GAS	254.5798	0.057076	0.083286
RIVERSIDE	2021	LHDT2	Aggregated	15	DSL	511.6154	0.312868	0.35618
RIVERSIDE	2021	MCY	Aggregated	15	GAS	859.4828	5.67088	7.005923
RIVERSIDE	2021	MDV	Aggregated	15	GAS	24009.85	0.084545	0.121139
RIVERSIDE	2021	MDV	Aggregated	15	DSL	528.2126	0.07405	0.084302
RIVERSIDE	2021	MH	Aggregated	15	GAS	111.9295	0.160808	0.23465
RIVERSIDE	2021	MH	Aggregated	15	DSL	43.21963	0.408399	0.464936
RIVERSIDE	2021	OBUS	Aggregated	15	GAS	60.35342	0.175543	0.256152
RIVERSIDE	2021	OBUS	Aggregated	15	DSL	50.49645	0.655129	0.745814
RIVERSIDE	2021	SBUS	Aggregated	15	GAS	1334.714	0.081044	0.118259
RIVERSIDE	2021	SBUS	Aggregated	15	DSL	2489.027	0.309359	0.352182
RIVERSIDE	2021	UBUS	Aggregated	15	GAS	708.4647	0.031091	0.045367
RIVERSIDE	2021	UBUS	Aggregated	15	DSL	4.45106	0.000669	0.04779
RIVERSIDE	2021	UBUS	Aggregated	15	NG	2868.768	0.095062	6.716966
A, LDT1, LDT2, LHDT1, LHDT2, MCY, MDV, MH, OBUS, SBUS, and UBUS Composite							**0.0889**	**0.2319**
RIVERSIDE	2021	HHDT	Aggregated	40	DSL	152385.4	0.081779	0.093099
RIVERSIDE	2021	MHDT	Aggregated	40	DSL	52970.02	0.118118	0.134468
					HHDT and MHDT Composite		**0.091152**	**0.10377**
RIVERSIDE	2021	LDA	Aggregated	40	GAS	3236940	0.009742	0.014205
RIVERSIDE	2021	LDA	Aggregated	40	DSL	30893.43	0.013092	0.014904
RIVERSIDE	2021	LDT1	Aggregated	40	GAS	331059.6	0.036872	0.053756
RIVERSIDE	2021	LDT1	Aggregated	40	DSL	104.5262	0.202058	0.23003
RIVERSIDE	2021	LDT2	Aggregated	40	GAS	1054727	0.017882	0.026074
RIVERSIDE	2021	LDT2	Aggregated	40	DSL	6450.797	0.013729	0.015629
RIVERSIDE	2021	LHDT1	Aggregated	40	GAS	40739.24	0.028262	0.04124
RIVERSIDE	2021	LHDT1	Aggregated	40	DSL	34141.32	0.084118	0.095762
RIVERSIDE	2021	LHDT2	Aggregated	40	GAS	6463.931	0.017947	0.026188

RIVERSIDE	2021	LHDT2	Aggregated	40	DSL	13242.88	0.073639	0.083834
RIVERSIDE	2021	MCY	Aggregated	40	GAS	29585.31	1.889182	2.325659
RIVERSIDE	2021	MDV	Aggregated	40	GAS	840989.6	0.026025	0.037041
RIVERSIDE	2021	MDV	Aggregated	40	DSL	18672.93	0.010403	0.011844
RIVERSIDE	2021	MH	Aggregated	40	GAS	3007.724	0.053004	0.077343
RIVERSIDE	2021	MH	Aggregated	40	DSL	1166.787	0.070822	0.080627
RIVERSIDE	2021	OBUS	Aggregated	40	GAS	1517.825	0.053656	0.078295
RIVERSIDE	2021	OBUS	Aggregated	40	DSL	1287.826	0.126452	0.143956
RIVERSIDE	2021	SBUS	Aggregated	40	GAS	2377.217	0.023285	0.033977
RIVERSIDE	2021	SBUS	Aggregated	40	DSL	4433.126	0.060428	0.068793
RIVERSIDE	2021	UBUS	Aggregated	40	GAS	956.8002	0.004864	0.007097
RIVERSIDE	2021	UBUS	Aggregated	40	DSL	0.543927	0.000325	0.023243
RIVERSIDE	2021	UBUS	Aggregated	40	NG	568.5687	0.050632	2.690813
A, LDT1, LDT2, LHDT1, LHDT2, MCY, MDV, MH, OBUS, SBUS, and UBUS Composite							**0.0260**	**0.0355**
RIVERSIDE	2021	HHDT	Aggregated	55	DSL	376151.9	0.057161	0.065073
RIVERSIDE	2021	MHDT	Aggregated	55	DSL	131514.3	0.092928	0.105792
HHDT and MHDT Composite							**0.066427**	**0.075622**
RIVERSIDE	2021	MH	Aggregated	55	GAS	7528.319	0.050126	0.073144
RIVERSIDE	2021	MH	Aggregated	55	DSL	2901.465	0.057431	0.065381
RIVERSIDE	2021	OBUS	Aggregated	55	GAS	3769.636	0.048977	0.071468
RIVERSIDE	2021	OBUS	Aggregated	55	DSL	3194.626	0.104996	0.11953
RIVERSIDE	2021	SBUS	Aggregated	55	GAS	850.2137	0.020911	0.030513
RIVERSIDE	2021	SBUS	Aggregated	55	DSL	1585.512	0.047543	0.054124
RIVERSIDE	2021	UBUS	Aggregated	55	GAS	2229.27	0.004379	0.006389
RIVERSIDE	2021	UBUS	Aggregated	55	DSL	1.267307	0.000261	0.018639
RIVERSIDE	2021	UBUS	Aggregated	55	NG	1244.69	0.040678	2.340476
MH, OBUS, SBUS, and UBUS Composite							**0.052246**	**0.190123**
RIVERSIDE	2021	LDA	Aggregated	65	GAS	3111329	0.009982	0.014554
RIVERSIDE	2021	LDA	Aggregated	65	DSL	29791.73	0.011335	0.012904
RIVERSIDE	2021	LDT1	Aggregated	65	GAS	306084.9	0.035138	0.051225
RIVERSIDE	2021	LDT1	Aggregated	65	DSL	91.32748	0.242886	0.27651
RIVERSIDE	2021	LDT2	Aggregated	65	GAS	978026.4	0.017525	0.025553
RIVERSIDE	2021	LDT2	Aggregated	65	DSL	5932.307	0.010697	0.012178
RIVERSIDE	2021	LHDT1	Aggregated	65	GAS	112919.9	0.033193	0.048435
RIVERSIDE	2021	LHDT1	Aggregated	65	DSL	179296.3	0.094352	0.107413
RIVERSIDE	2021	LHDT2	Aggregated	65	GAS	17416.04	0.020387	0.029748
RIVERSIDE	2021	LHDT2	Aggregated	65	DSL	69274.71	0.07896	0.089891
RIVERSIDE	2021	MCY	Aggregated	65	GAS	26311.07	2.199382	2.701884
RIVERSIDE	2021	MDV	Aggregated	65	GAS	780586.7	0.026628	0.037708
RIVERSIDE	2021	MDV	Aggregated	65	DSL	17623.38	0.007998	0.009105
LDA, LDT1, LDT2, LHDT1, LHDT2, MCY, and MDV Composite							**0.029223**	**0.038794**

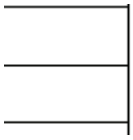
CO_RUNEX	NOx_RUNE	SOx_RUNE	CO2_RUNEX	CH4_RUNE	PM10_RUN	PM2_5_RU	N2O_RUNEX
1.2993	8.4512	0.0235	2488.6678	0.0165	0.0510	0.0488	0.3912
1.216541	5.324182	0.015311	1620.6665	0.025957	0.122264	0.116975	0.254746
1.27918	**7.691614**	**0.02152**	**2277.8234**	**0.018781**	**0.068308**	**0.065353**	**0.358042**
1.366835	0.052982	0.004745	479.53616	0.0088	0.004343	0.003994	0.006225
1.265108	0.108527	0.003393	358.95792	0.003643	0.01626	0.015556	0.056423
3.343883	0.193751	0.005561	561.95671	0.027275	0.006775	0.00623	0.014381
2.30103	0.909024	0.006782	717.37369	0.024041	0.386057	0.369357	0.112761
2.039421	0.122005	0.005912	597.40264	0.014947	0.00454	0.004174	0.010121
0.801779	0.092214	0.004592	485.70948	0.004543	0.012169	0.011642	0.076347
1.294568	0.262986	0.012591	1272.3965	0.018057	0.003334	0.003065	0.017091
1.363446	2.104379	0.006445	681.77034	0.015056	0.044409	0.042488	0.107165
0.865064	0.251718	0.014447	1459.8933	0.013401	0.002906	0.002672	0.017311
1.335098	1.768081	0.00734	776.44703	0.014532	0.041125	0.039346	0.122047
32.08997	1.119515	0.003426	346.16437	0.846771	0.00474	0.004431	0.067867
2.459755	0.159822	0.007269	734.57941	0.019913	0.004541	0.004177	0.012768
1.315596	0.095778	0.006022	637.02248	0.00344	0.010659	0.010198	0.100131
2.832775	0.498059	0.026753	2703.4232	0.038373	0.003685	0.003388	0.032836
1.168444	8.196882	0.014733	1558.4415	0.018969	0.198372	0.18979	0.244965
2.535004	0.58432	0.026466	2674.4597	0.037606	0.002268	0.002085	0.030922
1.53189	6.254256	0.018053	1910.8831	0.030429	0.148454	0.142032	0.300364
1.156214	0.349418	0.012708	1284.1914	0.016614	0.00149	0.00137	0.023617
0.662078	9.499419	0.016233	1718.2166	0.014369	0.076993	0.073663	0.27008
0.382878	0.236284	0.025444	2571.203	0.010249	0.002401	0.002208	0.024004
0.075759	0.64555	0.012519	1324.2142	0.046826	0.003608	0.003452	0.208148
48.37905	0.515604	0	2079.0259	6.580448	0.004077	0.0039	0.423823
2.6930	**0.2728**	**0.0057**	**615.8404**	**0.1289**	**0.0062**	**0.0058**	**0.0219**
0.362978	2.944929	0.012267	1298.4503	0.003798	0.03525	0.033725	0.204098
0.441063	2.427978	0.008586	908.82356	0.005486	0.067874	0.064937	0.142854
0.383119	**2.811585**	**0.011318**	**1197.9488**	**0.004234**	**0.043665**	**0.041776**	**0.188301**
0.886076	0.035946	0.002673	270.15906	0.002567	0.001257	0.001156	0.004231
0.17494	0.073993	0.001711	180.99256	0.000608	0.007315	0.006999	0.02845
2.082643	0.1271	0.003128	316.10606	0.008352	0.002034	0.00187	0.009499
1.098963	1.121797	0.003407	360.40766	0.009385	0.155049	0.148341	0.056651
1.295718	0.080631	0.003326	336.14245	0.004414	0.001322	0.001216	0.006747
0.104944	0.045672	0.002302	243.45424	0.000638	0.00583	0.005577	0.038268
0.765522	0.196525	0.007124	719.92951	0.005984	0.000992	0.000912	0.012348
0.445783	2.481831	0.004304	455.32842	0.003907	0.019413	0.018573	0.071571
0.533089	0.177333	0.00817	825.55159	0.004127	0.000851	0.000782	0.012016

0.388325	2.022136	0.004849	512.90655	0.00342	0.018419	0.017622	0.080622
17.76029	0.942328	0.001883	190.29613	0.280658	0.001557	0.001457	0.056946
1.552599	0.108872	0.004097	414.02108	0.00599	0.001334	0.001228	0.00862
0.168732	0.056189	0.003105	328.42808	0.000483	0.00518	0.004956	0.051624
1.674837	0.372171	0.015142	1530.1804	0.01228	0.001109	0.00102	0.023648
0.356905	4.284921	0.00919	972.0963	0.00329	0.102565	0.098128	0.1528
1.680934	0.418686	0.01498	1513.7532	0.011352	0.000664	0.000611	0.021712
0.506494	2.869126	0.010138	1073.0586	0.005873	0.06172	0.05905	0.16867
0.763924	0.238539	0.00719	726.55736	0.004773	0.000428	0.000394	0.016122
0.215353	5.763486	0.009747	1031.6744	0.002807	0.031683	0.030313	0.162165
0.133129	0.064964	0.008537	862.64021	0.001721	0.000724	0.000666	0.007837
0.028624	0.134628	0.007682	812.57551	0.022775	0.005031	0.004814	0.127726
23.11583	0.251688	0	1143.2924	2.62249	0.005893	0.005638	0.233068
1.2094	**0.0926**	**0.0031**	**313.6456**	**0.0055**	**0.0016**	**0.0015**	**0.0072**
0.252131	2.361124	0.01145	1211.9738	0.002655	0.052002	0.049752	0.190505
0.392824	2.164977	0.008122	859.67935	0.004316	0.092052	0.08807	0.13513
0.288578	**2.310311**	**0.010588**	**1120.7096**	**0.003085**	**0.062377**	**0.059679**	**0.17616**
1.669466	0.369168	0.016283	1645.4168	0.011495	0.001016	0.000934	0.023165
0.296787	3.966272	0.008551	904.48815	0.002668	0.130889	0.125227	0.142173
1.422191	0.406355	0.016103	1627.2561	0.010327	0.000601	0.000553	0.020984
0.389737	2.576612	0.009566	1012.5765	0.004877	0.08027	0.076798	0.159163
0.614462	0.230192	0.007729	781.04577	0.004287	0.000385	0.000354	0.015557
0.162682	5.583095	0.009101	963.2938	0.002208	0.03824	0.036586	0.151416
0.107384	0.062358	0.00918	927.68472	0.00155	0.000651	0.000599	0.007523
0.021245	0.08621	0.007323	774.67582	0.018263	0.009308	0.008905	0.121768
21.99851	0.209907	0	1064.1389	2.284701	0.0047	0.004497	0.216932
2.078382	**1.437395**	**0.01202**	**1285.7956**	**0.128863**	**0.030654**	**0.029309**	**0.073577**
0.579946	0.036436	0.002955	298.60088	0.002645	0.001371	0.001261	0.004258
0.150005	0.079252	0.002115	223.71731	0.000526	0.007522	0.007197	0.035165
1.426694	0.137789	0.003453	348.95861	0.008	0.002141	0.001969	0.01007
1.938064	1.340047	0.0042	444.31053	0.011282	0.188453	0.180301	0.069839
0.853325	0.083113	0.003692	373.08363	0.004362	0.00143	0.001315	0.006846
0.084276	0.045358	0.002819	298.21987	0.000497	0.005909	0.005653	0.046876
0.909855	0.21363	0.008218	830.43251	0.006949	0.00111	0.001021	0.013227
0.741363	3.038618	0.004709	498.08677	0.004382	0.022018	0.021066	0.078292
0.519818	0.186626	0.009413	951.22675	0.004641	0.000943	0.000867	0.012567
0.613871	2.44579	0.005035	532.6177	0.003668	0.01994	0.019078	0.08372
23.72401	1.049229	0.002222	224.53405	0.325652	0.001808	0.001693	0.063235
1.122776	0.114252	0.004576	462.39786	0.006083	0.001454	0.001337	0.008875
0.129254	0.058876	0.003861	408.43322	0.000371	0.004947	0.004733	0.0642
0.86446	**0.195046**	**0.003536**	**358.45937**	**0.005358**	**0.002367**	**0.002214**	**0.009873**

$$RESTL_{CalEEMod} = \sum_{fueltype}(RESTL\_EmissionRate_i \times Population_i) / \sum_{fueltype} Trip_i$$

$$DIURN_{CalEEMod} = \sum_{fueltype}(DIURN\_EmissionRate_i \times Population_i) / \sum_{fueltype} Trip_i$$

RESTL	Resting Loss Evaporative	grams/vehicle/day	grams/trip
DIURN	Diurnal Loss Evaporative	grams/vehicle/day	grams/trip



2021 Operation Mobile Source Assumptions Summary

Project Vehicle	EMFAC Class	Average Daily Trip Length (miles)	Max Daily Trips (trips/day)	Max Daily VMT (VMT/day)	Annual Trips (trips/year)	Annual VMT (VMT/year)
Costco Delivery Trucks	HHDT and MHDT	39.9	10	399	3,650	145,635
Costco Fuel Trucks	HHDT and MHDT	36.5	9	329	3,285	119,903
Vineyard II Delivery Trucks	HHDT and MHDT	7.9	8	63	416	3,286
Costco Employees/Customers	LDA, LDT1, LDT2, LHDT1, LHDT2, MCY, MDV, MH, OBUS, SBUS, and UBUS Composite	11.87	8,359	99,221	3,051,035	36,215,785
Vineyard II Employees	LDA, LDT1, LDT2, LHDT1, LHDT2, MCY, MDV, MH, OBUS, SBUS, and UBUS Composite	18.5	35	648	12,775	236,338
Vineyard II Customers	LDA, LDT1, LDT2, LHDT1, LHDT2, MCY, MDV, MH, OBUS, SBUS, and UBUS Composite	10.1	4,359	44,026	1,591,035	16,069,454

Notes:

*Costco fuel delivery truck distance assumed to originate from Colton, California.

*Costco delivery truck distance assumed to originate from Mira Loma, California.

*Vineyard II delivery truck distance assumed CalEEMod default.

*Costco employees/customers trip length was assumed from Neelam at Kittelson.

*Vineyard employees/customers trip length was assumed as CalEEMod defaults.

*Vineyard II delivery trucks assumed 8 trucks per week, but assumed 8 trucks per day as worst-case. Data provided by applicant.

*Costco delivery truck trip rates provided by applicant.

2022 Operation Mobile Source Emissions Summary - Winter Daily Emissions

Emissions - Daily (Pounds/Day)

	ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	CO2e
	Running Exhaust, Tire Wear, and Break Wear									
Costco Delivery Trucks	0.07	2.58	0.30	0.01	0.05	0.05	1,109.37	0.00	0.17	1,161.41
Costco Fuel Trucks	0.06	2.12	0.24	0.01	0.04	0.04	913.35	0.00	0.14	956.20
Vineyard II Delivery Trucks	0.01	0.41	0.05	0.00	0.01	0.01	175.72	0.00	0.03	183.96
Costco Employees/Customers	5.89	28.65	202.44	0.68	0.43	0.40	69,077.64	2.02	1.88	69,688.57
Vineyard II Employees	0.04	0.19	1.32	0.00	0.00	0.00	450.79	0.01	0.01	454.77
Vineyard II Customers	2.62	12.71	89.83	0.30	0.19	0.18	30,650.72	0.90	0.83	30,921.80
Subtotal	*8.68*	*46.65*	*294.18*	*1.01*	*0.74*	*0.69*	*102,377.58*	*2.94*	*3.07*	*103,366.72*

	PM10	PM2.5
	Paved Road - PM only	
Costco Delivery Trucks	1.48	0.36
Costco Fuel Trucks	1.22	0.30
Vineyard II Delivery Trucks	0.23	0.06
Costco Employees/Customers	65.59	16.10
Vineyard II Employees	0.43	0.11
Vineyard II Customers	29.10	7.14
Subtotal	*98.05*	*24.07*

Project Vehicle	EMFAC Class	Max Daily Trips (trips/day)	Annual Trips (trips/year)	ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	CO2e
				Starting Exhaust, Hot Soak, Running Loss Evaporative, Resting Loss Evap, Diurnal Loss Evap									
Costco Delivery Trucks	HHDT and MHDT	10	3,650	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Costco Fuel Trucks	HHDT and MHDT	9	3,285	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vineyard II Delivery Trucks	HHDT and MHDT	8	416	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Costco Employees/Customers	LDA, LDT1, LDT2, LHDT1, LHDT2, MCY, MDV, MH, OBUS, SBUS, and UBUS Composite	8359	3,051,035	5.54	4.72	43.99	0.01	0.03	0.03	1075.65	1.14	0.53	1,262.87
Vineyard II Employees	LDA, LDT1, LDT2, LHDT1, LHDT2, MCY, MDV, MH, OBUS, SBUS, and UBUS Composite	35	12,775	0.02	0.02	0.18	0.00	0.00	0.00	4.50	0.00	0.00	5.29
Vineyard II Customers	LDA, LDT1, LDT2, LHDT1, LHDT2, MCY, MDV, MH, OBUS, SBUS, and UBUS Composite	4359	1,591,035	2.89	2.46	22.94	0.01	0.02	0.02	560.92	0.59	0.28	658.55
	Subtotal			*8.45*	*7.31*	*67.12*	*0.02*	*0.05*	*0.05*	*1,641.08*	*1.73*	*0.81*	*1,926.71*

Project Vehicle	EMFAC Class	Idling Minutes per Day (min/day)	Idling Minutes per Year (min/year)
Costco Delivery Trucks	HHDT and MHDT	150	54,750
Costco Fuel Trucks	HHDT and MHDT	135	49,275
Vineyard II Delivery Trucks	HHDT and MHDT	120	6,240

	ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	CO2e
	Idling									
	0.03	0.73	0.42	0.00	0.00	0.00	95.35	0.00	0.01	99.85
	0.02	0.65	0.38	0.00	0.00	0.00	85.82	0.00	0.01	89.86
	0.02	0.58	0.34	0.00	0.00	0.00	76.28	0.00	0.01	79.88
Subtotal	*0.07*	*1.96*	*1.14*	*0.00*	*0.00*	*0.01*	*257.45*	*0.00*	*0.04*	*269.59*
TOTAL	**17.20**	**55.92**	**362.44**	**1.02**	**98.84**	**24.81**	**104,276.12**	**4.67**	**3.93**	**105,563.03**

2021 Operation Mobile Source Assumptions Summary

Project Vehicle	EMFAC Class	Average Daily Trip Length (miles)	Max Daily Trips (trips/day)	Max Daily VMT (VMT/day)	Annual Trips (trips/year)	Annual VMT (VMT/year)
Costco Delivery Trucks	HHDT and MHDT	39.9	10	399	3,650	145,635
Costco Fuel Trucks	HHDT and MHDT	36.5	9	329	3,285	119,903
Vineyard II Delivery Trucks	HHDT and MHDT	7.9	8	63	416	3,286
Costco Employees/Customers	LDA, LDT1, LDT2, LHDT1, LHDT2, MCY, MDV, MH, OBUS, SBUS, and UBUS Composite	11.87	8,359	99,221	3,051,035	36,215,785
Vineyard II Employees	LDA, LDT1, LDT2, LHDT1, LHDT2, MCY, MDV, MH, OBUS, SBUS, and UBUS Composite	18.5	35	648	12,775	236,338
Vineyard II Customers	LDA, LDT1, LDT2, LHDT1, LHDT2, MCY, MDV, MH, OBUS, SBUS, and UBUS Composite	10.1	4,359	44,026	1,591,035	16,069,454

Notes:

*Costco fuel delivery truck distance assumed to originate from Colton, California.
*Costco delivery truck distance assumed to originate from Mira Loma, California.
*Vineyard II delivery truck distance assumed CalEEMod default.
*Costco employees/customers trip length was assumed from Neelam at Kittelson.
*Vineyard employees/customers trip length was assumed as CalEEMod defaults.
*Vineyard II delivery trucks assumed 8 trucks per week, but assumed 8 trucks per day as worst-case. Data provided by applicant.
*Costco delivery truck trip rates provided by applicant.

Project Vehicle	EMFAC Class	Average Daily Trip Length (miles)	Max Daily Trips (trips/day)	Max Daily VMT (VMT/day)	Annual Trips (trips/year)	Annual VMT (VMT/year)
Costco Delivery Trucks	HHDT and MHDT	39.9	10	399	3,650	145,635
Costco Fuel Trucks	HHDT and MHDT	36.5	9	329	3,285	119,903
Vineyard II Delivery Trucks	HHDT and MHDT	7.9	8	63	416	3,286
Costco Employees/Customers	LDA, LDT1, LDT2, LHDT1, LHDT2, MCY, MDV, MH, OBUS, SBUS, and UBUS Composite	11.87	8359	99,221	3,051,035	36,215,785
Vineyard II Employees	LDA, LDT1, LDT2, LHDT1, LHDT2, MCY, MDV, MH, OBUS, SBUS, and UBUS Composite	18.5	35	648	12,775	236,338
Vineyard II Customers	LDA, LDT1, LDT2, LHDT1, LHDT2, MCY, MDV, MH, OBUS, SBUS, and UBUS Composite	10.1	4359	44,026	1,591,035	16,069,454

Project Vehicle	EMFAC Class	Max Daily Trips (trips/day)	Annual Trips (trips/year)
Costco Delivery Trucks	HHDT and MHDT	10	3,650
Costco Fuel Trucks	HHDT and MHDT	9	3,285
Vineyard II Delivery Trucks	HHDT and MHDT	8	416
Costco Employees/Customers	LDA, LDT1, LDT2, LHDT1, LHDT2, MCY, MDV, MH, OBUS, SBUS, and UBUS Composite	8359	3,051,035
Vineyard II Employees	LDA, LDT1, LDT2, LHDT1, LHDT2, MCY, MDV, MH, OBUS, SBUS, and UBUS Composite	35	12,775
Vineyard II Customers	LDA, LDT1, LDT2, LHDT1, LHDT2, MCY, MDV, MH, OBUS, SBUS, and UBUS Composite	4359	1,591,035

Project Vehicle	EMFAC Class	Idling Minutes per Day (min/day)	Idling Minutes per Year (min/year)
Costco Delivery Trucks	HHDT and MHDT	150	54,750
Costco Fuel Trucks	HHDT and MHDT	135	49,275
Vineyard II Delivery Trucks	HHDT and MHDT	120	6,240

2021 Operation Mobile Source Emissions Factors - EMFAC2017 Winter

Emission Factors: Summary

Project Vehicle	Vehicle Classes	Fuel	Speed	ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O
				Running Exhaust, Tire Wear, and Break Wear (grams/mile)								
Costco Delivery Trucks	HHDT and MHDT	Diesel	Aggregate	0.077	2.931	0.338	0.012	0.062	0.059	1,261.156	0.004	0.198
Costco Fuel Trucks	HHDT and MHDT	Diesel	Aggregate	0.077	2.931	0.338	0.012	0.062	0.059	1,261.156	0.004	0.198
Vineyard II Delivery Trucks	HHDT and MHDT	Diesel	Aggregate	0.077	2.931	0.338	0.012	0.062	0.059	1,261.156	0.004	0.198
Costco Employees/Customers	LDA, LDT1, LDT2, LHDT1, LHDT2, MCY, MDV, MH, OBUS, SBUS, and UBUS Composite	Gas, Electric, & Diesel (Aggregate)	Aggregate	0.027	0.131	0.925	0.003	0.002	0.002	315.790	0.009	0.009
Vineyard II Employees/Customers	LDA, LDT1, LDT2, LHDT1, LHDT2, MCY, MDV, MH, OBUS, SBUS, and UBUS Composite	Gas, Electric, & Diesel (Aggregate)	Aggregate	0.027	0.131	0.925	0.003	0.002	0.002	315.790	0.009	0.009

Project Vehicle	Vehicle Classes	PM10	PM2.5
		Paved Road - PM Only (grams/mile)	
Costco Delivery Trucks	HHDT and MHDT	1.680	0.412
Costco Fuel Trucks	HHDT and MHDT	1.680	0.412
Vineyard II Delivery Trucks	HHDT and MHDT	1.680	0.412
Costco Employees/Customers	LDA, LDT1, LDT2, LHDT1, LHDT2, MCY, MDV, MH, OBUS, SBUS, and UBUS Composite	0.300	0.074
Vineyard II Employees/Customers	LDA, LDT1, LDT2, LHDT1, LHDT2, MCY, MDV, MH, OBUS, SBUS, and UBUS Composite	0.300	0.074

Project Vehicle	Vehicle Classes	Fuel	ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O
			Starting Exhaust, Hot Soak, Running Loss Evaporative, Resting Loss Evap, Diurnal Loss Evap								
Costco Delivery Trucks	HHDT and MHDT	Diesel	0.000	1.868	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Costco Fuel Trucks	HHDT and MHDT	Diesel	0.000	1.868	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Vineyard II Delivery Trucks	HHDT and MHDT	Diesel	0.000	1.868	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Costco Employees/Customers	LDA, LDT1, LDT2, LHDT1, LHDT2, MCY, MDV, MH, OBUS, SBUS, and UBUS Composite	Gas, Electric, & Diesel (Aggregate)	0.301	0.256	2.387	0.001	0.002	0.002	58.369	0.062	0.029
Vineyard II Employees/Customers	LDA, LDT1, LDT2, LHDT1, LHDT2, MCY, MDV, MH, OBUS, SBUS, and UBUS Composite	Gas, Electric, & Diesel (Aggregate)	0.301	0.256	2.387	0.001	0.002	0.002	58.369	0.062	0.029

Project Vehicle	Vehicle Classes	Fuel	ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O
			Idling (grams/Idle-min/vehicle)								
Costco Delivery Trucks	HHDT and MHDT	Diesel	0.079	2.195	1.281	0.003	0.007	0.007	288.343	0.004	0.045
Costco Fuel Trucks	HHDT and MHDT	Diesel	0.079	2.195	1.281	0.003	0.000	0.007	288.343	0.004	0.045
Vineyard II Delivery Trucks	HHDT and MHDT	Diesel	0.079	2.195	1.281	0.003	0.000	0.007	288.343	0.004	0.045
Costco Employees/Customers	LDA, LDT1, LDT2, LHDT1, LHDT2, MCY, MDV, MH, OBUS, SBUS, and UBUS Composite	Gas, Electric, & Diesel (Aggregate)	0.005889	0.028015	0.048658	0.000031	0.000307	0.000294	3.233528	0.001336	0.000341
Vineyard II Employees/Customers	LDA, LDT1, LDT2, LHDT1, LHDT2, MCY, MDV, MH, OBUS, SBUS, and UBUS Composite	Gas, Electric, & Diesel (Aggregate)	0.005889	0.028015	0.048658	0.000031	0.000307	0.000294	3.233528	0.001336	0.000341

Table 5. Operation Mobile Source Emissions Factors - EMFAC2017 Winter ROG

Region	CalYr	VehClass	Fuel	Speed	Population	VMT	Trips	ROG_RUNEX (g/mile)	ROG_IDLEX (g/vehicle/day)	ROG_STREX (g/trip)	ROG_HOTSOAK (g/trip)	ROG_RUNLOSS (g/trip)	ROG_RESTLOSS (g/vehicle/day)	ROG_DIURN (g/vehicle/day)	ROG_RESTLOSS - Calculated (g/trip)	ROG_DIURN - Calculated (g/trip)	STEX HOTSOAK RUNLOSS ROG RESTLOSS DIURN_Combined - Calculated (g/trip)
RIVERSIDE	2021	HHDT	DSL	Aggregated	27,250.49	3,825,933.40	312,944.63	0.069391519	6.262541504	0	0	0	0	0			
RIVERSIDE	2021	MHDT	DSL	Aggregated	15,756.36	963,068.11	151,121.37	0.10899857	0.125705509	0	0	0	0	0			
						HHDT and MHDT Composite		**0.0774**	**5.0284**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	-	-	**0.0000**
RIVERSIDE	2021	LDA	GAS	Aggregated	750,300.86	29,816,029.44	3,552,291.91	0.009265033	0	0.238758111	0.112366496	0.243815418	0.219947665	0.27876214			
RIVERSIDE	2021	LDA	DSL	Aggregated	6,761.58	284,051.95	32,376.68	0.013990238	0	0	0	0	0	0			
RIVERSIDE	2021	LDA	ELEC	Aggregated	10,150.83	397,377.33	51,147.17	0	0	0	0.004888026	0	0.005191494	0.021160435			
RIVERSIDE	2021	LDT1	GAS	Aggregated	80,587.48	3,017,205.80	366,690.86	0.034097495	0	0.454656393	0.305045259	1.013615556	0.585194423	0.878617425			
RIVERSIDE	2021	LDT1	DSL	Aggregated	42.62	937.32	139.37	0.227241534	0	0	0	0	0	0			
RIVERSIDE	2021	LDT1	ELEC	Aggregated	312.67	12,704.03	1,592.30	0	0	0	0.004888026	0	0.005194742	0.021163805			
RIVERSIDE	2021	LDT2	GAS	Aggregated	246,596.51	9,631,963.54	1,154,462.90	0.016707969	0	0.347690543	0.152583013	0.513208325	0.355136812	0.416970691			
RIVERSIDE	2021	LDT2	DSL	Aggregated	1,288.99	58,422.34	6,390.04	0.014644006	0	0	0	0	0	0			
RIVERSIDE	2021	LDT2	ELEC	Aggregated	1,692.17	54,349.02	8,602.01	0	0	0	0.004888026	0	0.00514117	0.021023888			
RIVERSIDE	2021	LHDT1	GAS	Aggregated	20,885.97	692,854.05	311,169.90	0.030224053	0.45664908	0.139598164	0.164527459	0.964451216	0.038115488	0.076124228			
RIVERSIDE	2021	LHDT1	DSL	Aggregated	19,999.78	695,951.65	251,572.05	0.091595351	0.109759705	0	0	0	0	0			
RIVERSIDE	2021	LHDT2	GAS	Aggregated	3,292.65	108,726.45	49,055.53	0.019084681	0.458215314	0.132370481	0.138161559	0.791092685	0.030979806	0.05876399			
RIVERSIDE	2021	LHDT2	DSL	Aggregated	7,676.54	267,713.75	96,561.22	0.078330325	0.109759705	0	0	0	0	0			
RIVERSIDE	2021	MCY	GAS	Aggregated	35,659.72	267,522.39	71,319.43	2.151925817	0	1.830859739	1.036012638	2.119849508	1.467504607	3.174079297			
RIVERSIDE	2021	MDV	GAS	Aggregated	208,791.37	7,677,992.85	957,457.85	0.024942611	0	0.468045462	0.184612467	0.582006384	0.447828817	0.488862257			
RIVERSIDE	2021	MDV	DSL	Aggregated	3,985.67	171,354.65	19,488.50	0.011055038	0	0	0	0	0	0			
RIVERSIDE	2021	MDV	ELEC	Aggregated	787.11	25,973.70	4,035.65	0	0	0	0.004888026	0	0.005169793	0.0210934			
RIVERSIDE	2021	MH	GAS	Aggregated	6,261.09	50,694.81	626.36	0.057082465	0	0.137160747	0.116438153	2.190524288	0.061004486	0.182011949			
RIVERSIDE	2021	MH	DSL	Aggregated	2,593.42	21,461.99	259.34	0.071834435	0	0	0	0	0	0			
RIVERSIDE	2021	OBUS	GAS	Aggregated	589.48	27,261.01	11,794.32	0.051875454	0.745348379	0.161116418	0.032146161	0.35130242	0.027222989	0.061081927			
RIVERSIDE	2021	OBUS	DSL	Aggregated	347.99	24,855.13	3,314.36	0.121553962	1.08647226	0	0	0	0	0			
RIVERSIDE	2021	SBUS	GAS	Aggregated	475.47	19,228.88	1,901.89	0.03921697	10.6396621	0.326162934	0.069471431	0.509024786	0.018984485	0.036117989			
RIVERSIDE	2021	SBUS	DSL	Aggregated	1,131.96	35,858.76	13,062.61	0.125658958	0.287721976	0	0	0	0	0			
RIVERSIDE	2021	UBUS	GAS	Aggregated	163.48	23,017.82	653.94	0.011521507	0	0.213845933	0.032606728	0.159950623	0.008786626	0.014685886			
RIVERSIDE	2021	UBUS	DSL	Aggregated	1.11	58.57	4.42	0.000534846	0	0	0	0	0	0			
RIVERSIDE	2021	UBUS	ELEC	Aggregated	5.06	271.53	20.23	0	0	0	0	0	0	0			
RIVERSIDE	2021	UBUS	NG	Aggregated	306.62	41,979.73	1,226.49	0.077260262	0	0	0	0	0	0			
						LDA, LDT1, LDT2, LHDT1, LHDT2, MCY, MDV, MH, OBUS, SBUS, and UBUS Composite		**0.0269**	**0.0137**	**0.3005**	**0.1418**	**0.3967**	**0.2922**	**0.3680**	**0.064153**	**0.086303**	**0.9895**

EMFAC2017 (v1.0.2) Emission Rates
Region Type: County
Region: RIVERSIDE
Calendar Year: 2021
Season: Winter
Vehicle Classification: EMFAC2007 Categories
Units: miles/day for VMT, trips/day for Trips, g/mile for RUNEX, PMBW and PMTW, g/trip for STREX, HTSK and RUNLS, g/vehicle/day for IDLEX, RESTL and DIURN
Model Year: Aggregated

Notes:

Idle Duration:

HHDT	109.4	min/day
MHDT	5.86	min/day
LHDT1	1.74	min/day
LHDT2	1.87	min/day
OBUS	5.9	min/day

Table 6. Operation Mobile Source Emissions Factors - EMFAC2017 Winter TOG

Region	CalYr	VehClass	Fuel	Speed	Population	VMT	Trips	TOG_RUNEX (g/mile)	TOG_IDLEX (g/vehicle/day)	TOG_STREX (g/trip)	TOG_HOTSOAK (g/trip)	TOG_RUNLOSS (g/trip)	TOG_RESTLOSS (g/vehicle/day)	TOG_DIURN (g/vehicle/day)	TOG_RESTLOSS - Calculated (g/trip)	TOG_DIURN - Calculated (g/trip)	STEX HOTSOAK RUNLOSS TOG RESTLOSS DIURN_Combined - Calculated (g/trip)
RIVERSIDE	2021	HHDT	DSL	Aggregated	27,250.49	3,825,933.40	312,944.63	0.078996962	7.12942679	0	0	0	0	0			
RIVERSIDE	2021	MHDT	DSL	Aggregated	15,756.36	963,068.11	151,121.37	0.124086575	0.143106154	0	0	0	0	0			
						HHDT and MHDT Composite		**0.0881**	**5.7245**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	-	-	**0.0000**
RIVERSIDE	2021	LDA	GAS	Aggregated	750,300.86	29,816,029.44	3,552,291.91	0.013510784	0	0.261408574	0.112366496	0.243815418	0.219947665	0.27876214			
RIVERSIDE	2021	LDA	DSL	Aggregated	6,761.58	284,051.95	32,376.68	0.015926956	0	0	0	0	0	0			
RIVERSIDE	2021	LDA	ELEC	Aggregated	10,150.83	397,377.33	51,147.17	0	0	0	0.004888026	0	0.005191494	0.021160435			
RIVERSIDE	2021	LDT1	GAS	Aggregated	80,587.48	3,017,205.80	366,690.86	0.049715593	0	0.497788544	0.305045259	1.013615556	0.585194423	0.878617425			
RIVERSIDE	2021	LDT1	DSL	Aggregated	42.62	937.32	139.37	0.258699378	0	0	0	0	0	0			
RIVERSIDE	2021	LDT1	ELEC	Aggregated	312.67	12,704.03	1,592.30	0	0	0	0.004888026	0	0.005194742	0.021163805			
RIVERSIDE	2021	LDT2	GAS	Aggregated	246,596.51	9,631,963.54	1,154,462.90	0.024363596	0	0.38067611	0.152583013	0.513208325	0.355136812	0.416970691			
RIVERSIDE	2021	LDT2	DSL	Aggregated	1,288.99	58,422.34	6,390.04	0.016671227	0	0	0	0	0	0			
RIVERSIDE	2021	LDT2	ELEC	Aggregated	1,692.17	54,349.02	8,602.01	0	0	0	0.004888026	0	0.00514117	0.021023888			
RIVERSIDE	2021	LHDT1	GAS	Aggregated	20,885.97	692,854.05	311,169.90	0.044102867	0.666341266	0.152842418	0.164527459	0.964451216	0.038115488	0.076124228			
RIVERSIDE	2021	LHDT1	DSL	Aggregated	19,999.78	695,951.65	251,572.05	0.104275217	0.124954127	0	0	0	0	0			
RIVERSIDE	2021	LHDT2	GAS	Aggregated	3,292.65	108,726.45	49,055.53	0.027848322	0.66862671	0.144929015	0.138161559	0.791092685	0.030979806	0.05876399			
RIVERSIDE	2021	LHDT2	DSL	Aggregated	7,676.54	267,713.75	96,561.22	0.089173867	0.124954127	0	0	0	0	0			
RIVERSIDE	2021	MCY	GAS	Aggregated	35,659.72	267,522.39	71,319.43	2.646603343	0	1.992230441	1.036012638	2.119849508	1.467504607	3.174079297			
RIVERSIDE	2021	MDV	GAS	Aggregated	208,791.37	7,677,992.85	957,457.85	0.035324527	0	0.512409554	0.184612467	0.582006384	0.447828817	0.488862257			
RIVERSIDE	2021	MDV	DSL	Aggregated	3,985.67	171,354.65	19,488.50	0.012585426	0	0	0	0	0	0			
RIVERSIDE	2021	MDV	ELEC	Aggregated	787.11	25,973.70	4,035.65	0	0	0	0.004888026	0	0.005169793	0.0210934			
RIVERSIDE	2021	MH	GAS	Aggregated	6,261.09	50,694.81	626.36	0.083294599	0	0.150173753	0.116438153	2.190524288	0.061004486	0.182011949			
RIVERSIDE	2021	MH	DSL	Aggregated	2,593.42	21,461.99	259.34	0.081778728	0	0	0	0	0	0			
RIVERSIDE	2021	OBUS	GAS	Aggregated	589.48	27,261.01	11,794.32	0.075696541	1.087610606	0.176402197	0.032146161	0.35130242	0.027222989	0.061081927			
RIVERSIDE	2021	OBUS	DSL	Aggregated	347.99	24,855.13	3,314.36	0.138379933	1.236865964	0	0	0	0	0			
RIVERSIDE	2021	SBUS	GAS	Aggregated	475.47	19,228.88	1,901.89	0.05722531	15.52536996	0.357107358	0.069471431	0.509024786	0.018984485	0.036117989			
RIVERSIDE	2021	SBUS	DSL	Aggregated	1,131.96	35,858.76	13,062.61	0.143053159	0.327549568	0	0	0	0	0			
RIVERSIDE	2021	UBUS	GAS	Aggregated	163.48	23,017.82	653.94	0.016812156	0	0.234134379	0.032606728	0.159950623	0.008786626	0.014685886			
RIVERSIDE	2021	UBUS	DSL	Aggregated	1.11	58.57	4.42	0.03820325	0	0	0	0	0	0			
RIVERSIDE	2021	UBUS	ELEC	Aggregated	5.06	271.53	20.23	0	0	0	0	0	0	0			
RIVERSIDE	2021	UBUS	NG	Aggregated	306.62	41,979.73	1,226.49	5.321263218	0	0	0	0	0	0			
						LDA, LDT1, LDT2, LHDT1, LHDT2, MCY, MDV, MH, OBUS, SBUS, and UBUS Composite		**0.0402**	**0.0192**	**0.3290**	**0.1418**	**0.3967**	**0.2922**	**0.3680**	**0.064153**	**0.086303**	**1.0180**

EMFAC2017 (v1.0.2) Emission Rates
Region Type: County
Region: RIVERSIDE
Calendar Year: 2021
Season: Winter
Vehicle Classification: EMFAC2007 Categories
Units: miles/day for VMT, trips/day for Trips, g/mile for RUNEX, PMBW and PMTW, g/trip for STREX, HTSK and RUNLS, g/vehicle/day for IDLEX, RESTL and DIURN
Model Year: Aggregated

Notes:

Idle Duration:

HHDT	109.4	min/day
MHDT	5.86	min/day
LHDT1	1.74	min/day
LHDT2	1.87	min/day
OBUS	5.9	min/day

Table 7. Operation Mobile Source Emissions Factors - EMFAC2017 Winter NOx

Region	CalYr	VehClass	Fuel	Speed	Population	VMT	Trips	NOx_RUNEX (g/mile)	NOx_IDLEX (g/vehicle/day)	NOx_STREX (g/trip)
RIVERSIDE	2021	HHDT	DSL	Aggregated	27,250.49	3,825,933.40	312,944.63	3.029273423	88.20101427	1.995305353
RIVERSIDE	2021	MHDT	DSL	Aggregated	15,756.36	963,068.11	151,121.37	2.540961246	8.136000462	1.360943231
							HHDT and MHDT Composite	**2.9311**	**72.0999**	**1.8677**
RIVERSIDE	2021	LDA	GAS	Aggregated	750,300.86	29,816,029.44	3,552,291.91	0.038354589	0	0.192878589
RIVERSIDE	2021	LDA	DSL	Aggregated	6,761.58	284,051.95	32,376.68	0.079350041	0	0
RIVERSIDE	2021	LDA	ELEC	Aggregated	10,150.83	397,377.33	51,147.17	0	0	0
RIVERSIDE	2021	LDT1	GAS	Aggregated	80,587.48	3,017,205.80	366,690.86	0.139777072	0	0.30807256
RIVERSIDE	2021	LDT1	DSL	Aggregated	42.62	937.32	139.37	1.236931165	0	0
RIVERSIDE	2021	LDT1	ELEC	Aggregated	312.67	12,704.03	1,592.30	0	0	0
RIVERSIDE	2021	LDT2	GAS	Aggregated	246,596.51	9,631,963.54	1,154,462.90	0.086932456	0	0.312510537
RIVERSIDE	2021	LDT2	DSL	Aggregated	1,288.99	58,422.34	6,390.04	0.048608133	0	0
RIVERSIDE	2021	LDT2	ELEC	Aggregated	1,692.17	54,349.02	8,602.01	0	0	0
RIVERSIDE	2021	LHDT1	GAS	Aggregated	20,885.97	692,854.05	311,169.90	0.227771662	0.039862667	0.558266203
RIVERSIDE	2021	LHDT1	DSL	Aggregated	19,999.78	695,951.65	251,572.05	2.937036035	2.32175026	0
RIVERSIDE	2021	LHDT2	GAS	Aggregated	3,292.65	108,726.45	49,055.53	0.205108928	0.039962831	0.568727738
RIVERSIDE	2021	LHDT2	DSL	Aggregated	7,676.54	267,713.75	96,561.22	2.383236162	2.321112538	0
RIVERSIDE	2021	MCY	GAS	Aggregated	35,659.72	267,522.39	71,319.43	1.120626467	0	0.261730958
RIVERSIDE	2021	MDV	GAS	Aggregated	208,791.37	7,677,992.85	957,457.85	0.118153705	0	0.402139202
RIVERSIDE	2021	MDV	DSL	Aggregated	3,985.67	171,354.65	19,488.50	0.060385005	0	0
RIVERSIDE	2021	MDV	ELEC	Aggregated	787.11	25,973.70	4,035.65	0	0	0
RIVERSIDE	2021	MH	GAS	Aggregated	6,261.09	50,694.81	626.36	0.434974059	0	0.324445093
RIVERSIDE	2021	MH	DSL	Aggregated	2,593.42	21,461.99	259.34	4.380701246	0	0
RIVERSIDE	2021	OBUS	GAS	Aggregated	589.48	27,261.01	11,794.32	0.451714124	0.064999573	0.321862671
RIVERSIDE	2021	OBUS	DSL	Aggregated	347.99	24,855.13	3,314.36	3.037461953	19.1841274	1.543663927
RIVERSIDE	2021	SBUS	GAS	Aggregated	475.47	19,228.88	1,901.89	0.310005783	0.926404313	0.571988218
RIVERSIDE	2021	SBUS	DSL	Aggregated	1,131.96	35,858.76	13,062.61	7.173024939	45.09916624	0.714016556
RIVERSIDE	2021	UBUS	GAS	Aggregated	163.48	23,017.82	653.94	0.13069372	0	0.527683417
RIVERSIDE	2021	UBUS	DSL	Aggregated	1.11	58.57	4.42	0.47742212	0	0
RIVERSIDE	2021	UBUS	ELEC	Aggregated	5.06	271.53	20.23	0	0	0
RIVERSIDE	2021	UBUS	NG	Aggregated	306.62	41,979.73	1,226.49	0.416626477	0	0
							LDA, LDT1, LDT2, LHDT1, LHDT2, MCY, MDV, MH, OBUS, SBUS, and UBUS Composite	**0.1310**	**0.0875**	**0.2561**

Table 8. Operation Mobile Source Emissions Factors - EMFAC2017 Winter CO

Region	CalYr	VehClass	Fuel	Speed	Population	VMT	Trips	CO_RUNEX (g/mile)	CO_IDLEX (g/vehicle/day)	CO_STREX (g/trip)
RIVERSIDE	2021	HHDT	DSL	Aggregated	27,250.49	3,825,933.40	312,944.63	0.315149187	89.42797578	0
RIVERSIDE	2021	MHDT	DSL	Aggregated	15,756.36	963,068.11	151,121.37	0.428592321	2.719000443	0
							HHDT and MHDT Composite	**0.3380**	**71.9908**	**0.0000**
RIVERSIDE	2021	LDA	GAS	Aggregated	750,300.86	29,816,029.44	3,552,291.91	0.632177347	0	2.216814189
RIVERSIDE	2021	LDA	DSL	Aggregated	6,761.58	284,051.95	32,376.68	0.189719211	0	0
RIVERSIDE	2021	LDA	ELEC	Aggregated	10,150.83	397,377.33	51,147.17	0	0	0
RIVERSIDE	2021	LDT1	GAS	Aggregated	80,587.48	3,017,205.80	366,690.86	1.520594862	0	2.495916671
RIVERSIDE	2021	LDT1	DSL	Aggregated	42.62	937.32	139.37	1.392250777	0	0
RIVERSIDE	2021	LDT1	ELEC	Aggregated	312.67	12,704.03	1,592.30	0	0	0
RIVERSIDE	2021	LDT2	GAS	Aggregated	246,596.51	9,631,963.54	1,154,462.90	0.924648699	0	2.838533329
RIVERSIDE	2021	LDT2	DSL	Aggregated	1,288.99	58,422.34	6,390.04	0.113342345	0	0
RIVERSIDE	2021	LDT2	ELEC	Aggregated	1,692.17	54,349.02	8,602.01	0	0	0
RIVERSIDE	2021	LHDT1	GAS	Aggregated	20,885.97	692,854.05	311,169.90	0.812315827	3.750864443	1.742037896
RIVERSIDE	2021	LHDT1	DSL	Aggregated	19,999.78	695,951.65	251,572.05	0.631982506	0.909745076	0
RIVERSIDE	2021	LHDT2	GAS	Aggregated	3,292.65	108,726.45	49,055.53	0.512948817	3.761022038	1.671353031
RIVERSIDE	2021	LHDT2	DSL	Aggregated	7,676.54	267,713.75	96,561.22	0.53222324	0.909745076	0
RIVERSIDE	2021	MCY	GAS	Aggregated	35,659.72	267,522.39	71,319.43	19.13557147	0	8.488764409
RIVERSIDE	2021	MDV	GAS	Aggregated	208,791.37	7,677,992.85	957,457.85	1.147363859	0	3.423177204
RIVERSIDE	2021	MDV	DSL	Aggregated	3,985.67	171,354.65	19,488.50	0.180662093	0	0
RIVERSIDE	2021	MDV	ELEC	Aggregated	787.11	25,973.70	4,035.65	0	0	0
RIVERSIDE	2021	MH	GAS	Aggregated	6,261.09	50,694.81	626.36	1.813920786	0	2.978523127
RIVERSIDE	2021	MH	DSL	Aggregated	2,593.42	21,461.99	259.34	0.338926164	0	0
RIVERSIDE	2021	OBUS	GAS	Aggregated	589.48	27,261.01	11,794.32	1.356799726	5.769076586	3.334326226
RIVERSIDE	2021	OBUS	DSL	Aggregated	347.99	24,855.13	3,314.36	0.446632891	13.14536895	0
RIVERSIDE	2021	SBUS	GAS	Aggregated	475.47	19,228.88	1,901.89	0.865711255	82.22963641	7.716407455
RIVERSIDE	2021	SBUS	DSL	Aggregated	1,131.96	35,858.76	13,062.61	0.345841154	6.267625484	0
RIVERSIDE	2021	UBUS	GAS	Aggregated	163.48	23,017.82	653.94	0.192457395	0	4.34458896
RIVERSIDE	2021	UBUS	DSL	Aggregated	1.11	58.57	4.42	0.05712856	0	0
RIVERSIDE	2021	UBUS	ELEC	Aggregated	5.06	271.53	20.23	0	0	0
RIVERSIDE	2021	UBUS	NG	Aggregated	306.62	41,979.73	1,226.49	40.43881597	0	0
							LDA, LDT1, LDT2, LHDT1, LHDT2, MCY, MDV, MH, OBUS, SBUS, and UBUS Composite	**0.9255**	**0.1206**	**2.3873**

Table 9. Operation Mobile Source Emissions Factors - EMFAC2017 Winter SO2

Region	CalYr	VehClass	Fuel	Speed	Population	VMT	Trips	SO2_RUNEX (g/mile)	SO2_IDLEX (g/vehicle/day)	SO2_STREX (g/trip)
RIVERSIDE	2021	HHDT	DSL	Aggregated	27,250.49	3,825,933.40	312,944.63	0.012699034	0.154088737	0
RIVERSIDE	2021	MHDT	DSL	Aggregated	15,756.36	963,068.11	151,121.37	0.008799184	0.007709608	0
						HHDT and MHDT Composite		**0.0119**	**0.1247**	**0.0000**
RIVERSIDE	2021	LDA	GAS	Aggregated	750,300.86	29,816,029.44	3,552,291.91	0.00260746	0	0.000555246
RIVERSIDE	2021	LDA	DSL	Aggregated	6,761.58	284,051.95	32,376.68	0.001891571	0	0
RIVERSIDE	2021	LDA	ELEC	Aggregated	10,150.83	397,377.33	51,147.17	0	0	0
RIVERSIDE	2021	LDT1	GAS	Aggregated	80,587.48	3,017,205.80	366,690.86	0.003075252	0	0.000663884
RIVERSIDE	2021	LDT1	DSL	Aggregated	42.62	937.32	139.37	0.003763271	0	0
RIVERSIDE	2021	LDT1	ELEC	Aggregated	312.67	12,704.03	1,592.30	0	0	0
RIVERSIDE	2021	LDT2	GAS	Aggregated	246,596.51	9,631,963.54	1,154,462.90	0.003302665	0	0.000718202
RIVERSIDE	2021	LDT2	DSL	Aggregated	1,288.99	58,422.34	6,390.04	0.002539802	0	0
RIVERSIDE	2021	LDT2	ELEC	Aggregated	1,692.17	54,349.02	8,602.01	0	0	0
RIVERSIDE	2021	LHDT1	GAS	Aggregated	20,885.97	692,854.05	311,169.90	0.007859191	0.001212097	0.000188636
RIVERSIDE	2021	LHDT1	DSL	Aggregated	19,999.78	695,951.65	251,572.05	0.004598077	0.001301516	0
RIVERSIDE	2021	LHDT2	GAS	Aggregated	3,292.65	108,726.45	49,055.53	0.009006956	0.001397857	0.000214472
RIVERSIDE	2021	LHDT2	DSL	Aggregated	7,676.54	267,713.75	96,561.22	0.00499739	0.002091665	0
RIVERSIDE	2021	MCY	GAS	Aggregated	35,659.72	267,522.39	71,319.43	0.002053556	0	0.000600065
RIVERSIDE	2021	MDV	GAS	Aggregated	208,791.37	7,677,992.85	957,457.85	0.004120179	0	0.000901138
RIVERSIDE	2021	MDV	DSL	Aggregated	3,985.67	171,354.65	19,488.50	0.003439686	0	0
RIVERSIDE	2021	MDV	ELEC	Aggregated	787.11	25,973.70	4,035.65	0	0	0
RIVERSIDE	2021	MH	GAS	Aggregated	6,261.09	50,694.81	626.36	0.016661462	0	0.0002607
RIVERSIDE	2021	MH	DSL	Aggregated	2,593.42	21,461.99	259.34	0.008903009	0	0
RIVERSIDE	2021	OBUS	GAS	Aggregated	589.48	27,261.01	11,794.32	0.016555245	0.003784506	0.00026499
RIVERSIDE	2021	OBUS	DSL	Aggregated	347.99	24,855.13	3,314.36	0.010541024	0.023640794	0
RIVERSIDE	2021	SBUS	GAS	Aggregated	475.47	19,228.88	1,901.89	0.008815976	0.026319934	0.000477894
RIVERSIDE	2021	SBUS	DSL	Aggregated	1,131.96	35,858.76	13,062.61	0.011673226	0.033503555	0
RIVERSIDE	2021	UBUS	GAS	Aggregated	163.48	23,017.82	653.94	0.0137908	0	0.000520625
RIVERSIDE	2021	UBUS	DSL	Aggregated	1.11	58.57	4.42	0.010787911	0	0
RIVERSIDE	2021	UBUS	ELEC	Aggregated	5.06	271.53	20.23	0	0	0
RIVERSIDE	2021	UBUS	NG	Aggregated	306.62	41,979.73	1,226.49	0	0	0
						LDA, LDT1, LDT2, LHDT1, LHDT2, MCY, MDV, MH, OBUS, SBUS, and UBUS Composite		**0.0031**	**0.0001**	**0.0006**

Table 10. Operation Mobile Source Emissions Factors - EMFAC2017 Winter PM10

Region	CalYr	VehClass	Fuel	Speed	Population	VMT	Trips	PM10_RUNEX (g/mile)	PM10_IDLEX (g/vehicle/day)	PM10_STREX (g/trip)	PM10_PMTW (g/mile)	PM10_PMBW (g/mile)	PM10_Combined - Calculated (g/mile)
RIVERSIDE	2021	HHDT	DSL	Aggregated	27,250.49	3,825,933.40	312,944.63	0.054452552	0.131632176	0	0.035593372	0.061042633	
RIVERSIDE	2021	MHDT	DSL	Aggregated	15,756.36	963,068.11	151,121.37	0.090642513	0.035507073	0	0.012000003	0.130340037	
						HHDT and MHDT Composite		**0.0617**	**0.1123**	**0.0000**	**0.0308**	**0.0750**	**0.167557**
RIVERSIDE	2021	LDA	GAS	Aggregated	750,300.86	29,816,029.44	3,552,291.91	0.001407186	0	0.001964077	0.008000002	0.036750011	
RIVERSIDE	2021	LDA	DSL	Aggregated	6,761.58	284,051.95	32,376.68	0.007645761	0	0	0.008000002	0.036750011	
RIVERSIDE	2021	LDA	ELEC	Aggregated	10,150.83	397,377.33	51,147.17	0	0	0	0.008000002	0.036750011	
RIVERSIDE	2021	LDT1	GAS	Aggregated	80,587.48	3,017,205.80	366,690.86	0.002249763	0	0.002965001	0.008000002	0.036750011	
RIVERSIDE	2021	LDT1	DSL	Aggregated	42.62	937.32	139.37	0.174163625	0	0	0.008000002	0.036750011	
RIVERSIDE	2021	LDT1	ELEC	Aggregated	312.67	12,704.03	1,592.30	0	0	0	0.008000002	0.036750011	
RIVERSIDE	2021	LDT2	GAS	Aggregated	246,596.51	9,631,963.54	1,154,462.90	0.001479348	0	0.001983814	0.008000002	0.036750011	
RIVERSIDE	2021	LDT2	DSL	Aggregated	1,288.99	58,422.34	6,390.04	0.006020956	0	0	0.008000002	0.036750011	
RIVERSIDE	2021	LDT2	ELEC	Aggregated	1,692.17	54,349.02	8,602.01	0	0	0	0.008000002	0.036750011	
RIVERSIDE	2021	LHDT1	GAS	Aggregated	20,885.97	692,854.05	311,169.90	0.001074259	0	0.000420534	0.008000002	0.076440022	
RIVERSIDE	2021	LHDT1	DSL	Aggregated	19,999.78	695,951.65	251,572.05	0.02102497	0.027286864	0	0.012000003	0.076440022	
RIVERSIDE	2021	LHDT2	GAS	Aggregated	3,292.65	108,726.45	49,055.53	0.000915661	0	0.000339466	0.008000002	0.089180026	
RIVERSIDE	2021	LHDT2	DSL	Aggregated	7,676.54	267,713.75	96,561.22	0.019395893	0.027303987	0	0.012000003	0.089180026	
RIVERSIDE	2021	MCY	GAS	Aggregated	35,659.72	267,522.39	71,319.43	0.001757318	0	0.002866434	0.004000001	0.011760003	
RIVERSIDE	2021	MDV	GAS	Aggregated	208,791.37	7,677,992.85	957,457.85	0.001495188	0	0.002105384	0.008000002	0.036750011	
RIVERSIDE	2021	MDV	DSL	Aggregated	3,985.67	171,354.65	19,488.50	0.005282657	0	0	0.008000002	0.036750011	
RIVERSIDE	2021	MDV	ELEC	Aggregated	787.11	25,973.70	4,035.65	0	0	0	0.008000002	0.036750011	
RIVERSIDE	2021	MH	GAS	Aggregated	6,261.09	50,694.81	626.36	0.001208637	0	0.000354272	0.012000003	0.130340037	
RIVERSIDE	2021	MH	DSL	Aggregated	2,593.42	21,461.99	259.34	0.144090167	0	0	0.016000005	0.130340037	
RIVERSIDE	2021	OBUS	GAS	Aggregated	589.48	27,261.01	11,794.32	0.000689727	0	0.000242813	0.012000003	0.130340037	
RIVERSIDE	2021	OBUS	DSL	Aggregated	347.99	24,855.13	3,314.36	0.080687755	0.093589148	0	0.012000003	0.130340037	
RIVERSIDE	2021	SBUS	GAS	Aggregated	475.47	19,228.88	1,901.89	0.000741736	0	0.0003123	0.008000002	0.744800204	
RIVERSIDE	2021	SBUS	DSL	Aggregated	1,131.96	35,858.76	13,062.61	0.044060934	0.065278787	0	0.012000003	0.744800213	
RIVERSIDE	2021	UBUS	GAS	Aggregated	163.48	23,017.82	653.94	0.001140864	0	0.000470171	0.009546243	0.105090841	
RIVERSIDE	2021	UBUS	DSL	Aggregated	1.11	58.57	4.42	0.004292743	0	0	0.012000007	0.130340079	
RIVERSIDE	2021	UBUS	ELEC	Aggregated	5.06	271.53	20.23	0	0	0	0.035889386	0.06205627	
RIVERSIDE	2021	UBUS	NG	Aggregated	306.62	41,979.73	1,226.49	0.003934649	0	0	0.028616727	0.078554835	
						LDA, LDT1, LDT2, LHDT1, LHDT2, MCY, MDV, MH, OBUS, SBUS, and UBUS Composite		**0.0020**	**0.0006**	**0.0018**	**0.0081**	**0.0390**	**0.049106**

Table 11. Operation Mobile Source Emissions Factors - EMFAC2017 Winter PM2.5

Region	CalYr	VehClass	Fuel	Speed	Population	VMT	Trips	PM2.5_RUNEX (g/mile)	PM2.5_IDLEX (g/vehicle/day)	PM2.5_STREX (g/trip)	PM2.5_PMTW (g/mile)	PM2.5_PMBW (g/mile)	PM2.5_Combined - Calculated (g/mile)
RIVERSIDE	2021	HHDT	DSL	Aggregated	27,250.49	3,825,933.40	312,944.63	0.052096959	0.125937827	0	0.008898343	0.026161128	
RIVERSIDE	2021	MHDT	DSL	Aggregated	15,756.36	963,068.11	151,121.37	0.086721358	0.033971053	0	0.003000001	0.055860016	
						HHDT and MHDT Composite		**0.0591**	**0.1074**	**0.0000**	**0.0077**	**0.0321**	**0.098906**
RIVERSIDE	2021	LDA	GAS	Aggregated	750,300.86	29,816,029.44	3,552,291.91	0.001293882	0	0.001805983	0.002000001	0.015750005	
RIVERSIDE	2021	LDA	DSL	Aggregated	6,761.58	284,051.95	32,376.68	0.007315009	0	0	0.002000001	0.015750005	
RIVERSIDE	2021	LDA	ELEC	Aggregated	10,150.83	397,377.33	51,147.17	0	0	0	0.002000001	0.015750005	
RIVERSIDE	2021	LDT1	GAS	Aggregated	80,587.48	3,017,205.80	366,690.86	0.002068731	0	0.002726449	0.002000001	0.015750005	
RIVERSIDE	2021	LDT1	DSL	Aggregated	42.62	937.32	139.37	0.166629383	0	0	0.002000001	0.015750005	
RIVERSIDE	2021	LDT1	ELEC	Aggregated	312.67	12,704.03	1,592.30	0	0	0	0.002000001	0.015750005	
RIVERSIDE	2021	LDT2	GAS	Aggregated	246,596.51	9,631,963.54	1,154,462.90	0.001360267	0	0.001824137	0.002000001	0.015750005	
RIVERSIDE	2021	LDT2	DSL	Aggregated	1,288.99	58,422.34	6,390.04	0.005760492	0	0	0.002000001	0.015750005	
RIVERSIDE	2021	LDT2	ELEC	Aggregated	1,692.17	54,349.02	8,602.01	0	0	0	0.002000001	0.015750005	
RIVERSIDE	2021	LHDT1	GAS	Aggregated	20,885.97	692,854.05	311,169.90	0.000987741	0	0.000386665	0.002000001	0.032760009	
RIVERSIDE	2021	LHDT1	DSL	Aggregated	19,999.78	695,951.65	251,572.05	0.020115439	0.026106446	0	0.003000001	0.032760009	
RIVERSIDE	2021	LHDT2	GAS	Aggregated	3,292.65	108,726.45	49,055.53	0.000841916	0	0.000312126	0.002000001	0.038220011	
RIVERSIDE	2021	LHDT2	DSL	Aggregated	7,676.54	267,713.75	96,561.22	0.018556835	0.026122829	0	0.003000001	0.038220011	
RIVERSIDE	2021	MCY	GAS	Aggregated	35,659.72	267,522.39	71,319.43	0.001644228	0	0.002699911	0.001	0.005040001	
RIVERSIDE	2021	MDV	GAS	Aggregated	208,791.37	7,677,992.85	957,457.85	0.001375619	0	0.001937165	0.002000001	0.015750005	
RIVERSIDE	2021	MDV	DSL	Aggregated	3,985.67	171,354.65	19,488.50	0.005054132	0	0	0.002000001	0.015750005	
RIVERSIDE	2021	MDV	ELEC	Aggregated	787.11	25,973.70	4,035.65	0	0	0	0.002000001	0.015750005	
RIVERSIDE	2021	MH	GAS	Aggregated	6,261.09	50,694.81	626.36	0.001111297	0	0.00032574	0.003000001	0.055860016	
RIVERSIDE	2021	MH	DSL	Aggregated	2,593.42	21,461.99	259.34	0.13785689	0	0	0.004000001	0.055860016	
RIVERSIDE	2021	OBUS	GAS	Aggregated	589.48	27,261.01	11,794.32	0.000634178	0	0.000223258	0.003000001	0.055860016	
RIVERSIDE	2021	OBUS	DSL	Aggregated	347.99	24,855.13	3,314.36	0.077197238	0.089540522	0	0.003000001	0.055860016	
RIVERSIDE	2021	SBUS	GAS	Aggregated	475.47	19,228.88	1,901.89	0.000681999	0	0.000287148	0.002000001	0.319200087	
RIVERSIDE	2021	SBUS	DSL	Aggregated	1,131.96	35,858.76	13,062.61	0.042154878	0.062454855	0	0.003000001	0.319200091	
RIVERSIDE	2021	UBUS	GAS	Aggregated	163.48	23,017.82	653.94	0.001048982	0	0.000432305	0.002386561	0.045038932	
RIVERSIDE	2021	UBUS	DSL	Aggregated	1.11	58.57	4.42	0.004107041	0	0	0.003000002	0.055860034	
RIVERSIDE	2021	UBUS	ELEC	Aggregated	5.06	271.53	20.23	0	0	0	0.008972347	0.026595544	
RIVERSIDE	2021	UBUS	NG	Aggregated	306.62	41,979.73	1,226.49	0.003764438	0	0	0.007154182	0.033666358	
						LDA, LDT1, LDT2, LHDT1, LHDT2, MCY, MDV, MH, OBUS, SBUS, and UBUS Composite		**0.0018**	**0.0006**	**0.0017**	**0.0020**	**0.0167**	**0.020600**

Table 12. Operation Mobile Source Emissions Factors - EMFAC2017 Winter CO2

Region	CalYr	VehClass	Fuel	Speed	Population	VMT	Trips	CO2_RUNEX (g/mile)	CO2_IDLEX (g/vehicle/day)	CO2_STREX (g/trip)
RIVERSIDE	2021	HHDT	DSL	Aggregated	27,250.49	3,825,933.40	312,944.63	1344.168147	16309.99407	0
RIVERSIDE	2021	MHDT	DSL	Aggregated	15,756.36	963,068.11	151,121.37	931.376529	816.0470404	0
						HHDT and MHDT Composite		**1261.1558**	**13194.1616**	**0.0000**
RIVERSIDE	2021	LDA	GAS	Aggregated	750,300.86	29,816,029.44	3,552,291.91	263.4913091	0	56.10919215
RIVERSIDE	2021	LDA	DSL	Aggregated	6,761.58	284,051.95	32,376.68	200.0901118	0	0
RIVERSIDE	2021	LDA	ELEC	Aggregated	10,150.83	397,377.33	51,147.17	0	0	0
RIVERSIDE	2021	LDT1	GAS	Aggregated	80,587.48	3,017,205.80	366,690.86	310.7629966	0	67.08737605
RIVERSIDE	2021	LDT1	DSL	Aggregated	42.62	937.32	139.37	398.0782468	0	0
RIVERSIDE	2021	LDT1	ELEC	Aggregated	312.67	12,704.03	1,592.30	0	0	0
RIVERSIDE	2021	LDT2	GAS	Aggregated	246,596.51	9,631,963.54	1,154,462.90	333.743744	0	72.5763948
RIVERSIDE	2021	LDT2	DSL	Aggregated	1,288.99	58,422.34	6,390.04	268.6598839	0	0
RIVERSIDE	2021	LDT2	ELEC	Aggregated	1,692.17	54,349.02	8,602.01	0	0	0
RIVERSIDE	2021	LHDT1	GAS	Aggregated	20,885.97	692,854.05	311,169.90	794.1937739	122.4858556	19.06224398
RIVERSIDE	2021	LHDT1	DSL	Aggregated	19,999.78	695,951.65	251,572.05	486.3839212	137.6741944	0
RIVERSIDE	2021	LHDT2	GAS	Aggregated	3,292.65	108,726.45	49,055.53	910.178663	141.2574218	21.67296147
RIVERSIDE	2021	LHDT2	DSL	Aggregated	7,676.54	267,713.75	96,561.22	528.6231579	221.2560171	0
RIVERSIDE	2021	MCY	GAS	Aggregated	35,659.72	267,522.39	71,319.43	207.5176756	0	60.63825555
RIVERSIDE	2021	MDV	GAS	Aggregated	208,791.37	7,677,992.85	957,457.85	416.3558765	0	91.06256877
RIVERSIDE	2021	MDV	DSL	Aggregated	3,985.67	171,354.65	19,488.50	363.8495244	0	0
RIVERSIDE	2021	MDV	ELEC	Aggregated	787.11	25,973.70	4,035.65	0	0	0
RIVERSIDE	2021	MH	GAS	Aggregated	6,261.09	50,694.81	626.36	1683.688486	0	26.34451604
RIVERSIDE	2021	MH	DSL	Aggregated	2,593.42	21,461.99	259.34	941.7589447	0	0
RIVERSIDE	2021	OBUS	GAS	Aggregated	589.48	27,261.01	11,794.32	1672.954931	382.4351647	26.77804116
RIVERSIDE	2021	OBUS	DSL	Aggregated	347.99	24,855.13	3,314.36	1115.746917	2502.332206	0
RIVERSIDE	2021	SBUS	GAS	Aggregated	475.47	19,228.88	1,901.89	890.8796055	2659.70473	48.29251935
RIVERSIDE	2021	SBUS	DSL	Aggregated	1,131.96	35,858.76	13,062.61	1235.588303	3546.286309	0
RIVERSIDE	2021	UBUS	GAS	Aggregated	163.48	23,017.82	653.94	1393.599824	0	52.6106043
RIVERSIDE	2021	UBUS	DSL	Aggregated	1.11	58.57	4.42	1141.143654	0	0
RIVERSIDE	2021	UBUS	ELEC	Aggregated	5.06	271.53	20.23	0	0	0
RIVERSIDE	2021	UBUS	NG	Aggregated	306.62	41,979.73	1,226.49	1751.725881	0	0
						LDA, LDT1, LDT2, LHDT1, LHDT2, MCY, MDV, MH, OBUS, SBUS, and UBUS Composite		**315.7896**	**9.8182**	**58.3691**

EMFAC2017 (v1.0.2) Emission Rates
Region Type: County
Region: RIVERSIDE
Calendar Year: 2021
Season: Winter
Vehicle Classification: EMFAC2007 Categories
Units: miles/day for VMT, trips/day for Trips, g/mile for RUNEX, PMBW and PMTW, g/trip for STREX, HTSK and RUNLS, g/vehicle/day for IDLEX, RESTL and DIURN
Model Year: Aggregated

Notes:

Idle Duration:

HHDT	109.4	min/day
MHDT	5.86	min/day
LHDT1	1.74	min/day
LHDT2	1.87	min/day

Table 14. Operation Mobile Source Emissions Factors - EMFAC2017 Winter N2O

Region	CalYr	VehClass	Fuel	Speed	Population	VMT	Trips	N2O_RUNEX (g/mile)	N2O_IDLEX (g/vehicle/day)	N2O_STREX (g/trip)
RIVERSIDE	2021	HHDT	DSL	Aggregated	27,250.49	3,825,933.40	312,944.63	0.211284514	2.563703938	0
RIVERSIDE	2021	MHDT	DSL	Aggregated	15,756.36	963,068.11	151,121.37	0.14639942	0.128271231	0
						HHDT and MHDT Composite		**0.1982**	**2.0739**	**0.0000**
RIVERSIDE	2021	LDA	GAS	Aggregated	750,300.86	29,816,029.44	3,552,291.91	0.004439283	0	0.026726644
RIVERSIDE	2021	LDA	DSL	Aggregated	6,761.58	284,051.95	32,376.68	0.031451379	0	0
RIVERSIDE	2021	LDA	ELEC	Aggregated	10,150.83	397,377.33	51,147.17	0	0	0
RIVERSIDE	2021	LDT1	GAS	Aggregated	80,587.48	3,017,205.80	366,690.86	0.010188448	0	0.032001097
RIVERSIDE	2021	LDT1	DSL	Aggregated	42.62	937.32	139.37	0.062572357	0	0
RIVERSIDE	2021	LDT1	ELEC	Aggregated	312.67	12,704.03	1,592.30	0	0	0
RIVERSIDE	2021	LDT2	GAS	Aggregated	246,596.51	9,631,963.54	1,154,462.90	0.007123666	0	0.034856352
RIVERSIDE	2021	LDT2	DSL	Aggregated	1,288.99	58,422.34	6,390.04	0.042229592	0	0
RIVERSIDE	2021	LDT2	ELEC	Aggregated	1,692.17	54,349.02	8,602.01	0	0	0
RIVERSIDE	2021	LHDT1	GAS	Aggregated	20,885.97	692,854.05	311,169.90	0.013846302	0.003206146	0.043288941
RIVERSIDE	2021	LHDT1	DSL	Aggregated	19,999.78	695,951.65	251,572.05	0.076452779	0.021640466	0
RIVERSIDE	2021	LHDT2	GAS	Aggregated	3,292.65	108,726.45	49,055.53	0.013509986	0.003191991	0.043667538
RIVERSIDE	2021	LHDT2	DSL	Aggregated	7,676.54	267,713.75	96,561.22	0.083092199	0.034778365	0
RIVERSIDE	2021	MCY	GAS	Aggregated	35,659.72	267,522.39	71,319.43	0.065046759	0	0.01501655
RIVERSIDE	2021	MDV	GAS	Aggregated	208,791.37	7,677,992.85	957,457.85	0.009143992	0	0.039103801
RIVERSIDE	2021	MDV	DSL	Aggregated	3,985.67	171,354.65	19,488.50	0.057192078	0	0
RIVERSIDE	2021	MDV	ELEC	Aggregated	787.11	25,973.70	4,035.65	0	0	0
RIVERSIDE	2021	MH	GAS	Aggregated	6,261.09	50,694.81	626.36	0.026363938	0	0.034645361
RIVERSIDE	2021	MH	DSL	Aggregated	2,593.42	21,461.99	259.34	0.148031391	0	0
RIVERSIDE	2021	OBUS	GAS	Aggregated	589.48	27,261.01	11,794.32	0.023201133	0.00551567	0.025703843
RIVERSIDE	2021	OBUS	DSL	Aggregated	347.99	24,855.13	3,314.36	0.175379878	0.393331776	0
RIVERSIDE	2021	SBUS	GAS	Aggregated	475.47	19,228.88	1,901.89	0.020342997	0.086527591	0.053017683
RIVERSIDE	2021	SBUS	DSL	Aggregated	1,131.96	35,858.76	13,062.61	0.194217275	0.557426823	0
RIVERSIDE	2021	UBUS	GAS	Aggregated	163.48	23,017.82	653.94	0.013771049	0	0.057996739
RIVERSIDE	2021	UBUS	DSL	Aggregated	1.11	58.57	4.42	0.179371891	0	0
RIVERSIDE	2021	UBUS	ELEC	Aggregated	5.06	271.53	20.23	0	0	0
RIVERSIDE	2021	UBUS	NG	Aggregated	306.62	41,979.73	1,226.49	0.35710078	0	0
						LDA, LDT1, LDT2, LHDT1, LHDT2, MCY, MDV, MH, OBUS, SBUS, and UBUS Composite		**0.0086**	**0.0011**	**0.0289**

EMFAC2017 (v1.0.2) Emission Rates
Region Type: County
Region: RIVERSIDE
Calendar Year: 2021
Season: Winter
Vehicle Classification: EMFAC2007 Categories
Units: miles/day for VMT, trips/day for Trips, g/mile for RUNEX, PMBW and PMTW, g/trip for STREX, HTSK and RUNLS, g/vehicle/day for IDLEX, RESTL and DIURN
Model Year: Aggregated

Notes:

Idle Duration:

HHDT	109.4	min/day
MHDT	5.86	min/day
LHDT1	1.74	min/day
LHDT2	1.87	min/day
OBUS	5.9	min/day

Table 13. Operation Mobile Source Emissions Factors - EMFAC2017 Winter CH4

Region	CalYr	VehClass	Fuel	Speed	Population	VMT	Trips	CH4_RUNEX (g/mile)	CH4_IDLEX (g/vehicle/day)	CH4_STREX (g/trip)
RIVERSIDE	2021	HHDT	DSL	Aggregated	27,250.49	3,825,933.40	312,944.63	0.003223056	0.290878833	0
RIVERSIDE	2021	MHDT	DSL	Aggregated	15,756.36	963,068.11	151,121.37	0.005062701	0.005838695	0
						HHDT and MHDT Composite		**0.0036**	**0.2336**	**0.0000**
RIVERSIDE	2021	LDA	GAS	Aggregated	750,300.86	29,816,029.44	3,552,291.91	0.00242961	0	0.0538872
RIVERSIDE	2021	LDA	DSL	Aggregated	6,761.58	284,051.95	32,376.68	0.00064982	0	0
RIVERSIDE	2021	LDA	ELEC	Aggregated	10,150.83	397,377.33	51,147.17	0	0	0
RIVERSIDE	2021	LDT1	GAS	Aggregated	80,587.48	3,017,205.80	366,690.86	0.007739589	0	0.089163131
RIVERSIDE	2021	LDT1	DSL	Aggregated	42.62	937.32	139.37	0.010554935	0	0
RIVERSIDE	2021	LDT1	ELEC	Aggregated	312.67	12,704.03	1,592.30	0	0	0
RIVERSIDE	2021	LDT2	GAS	Aggregated	246,596.51	9,631,963.54	1,154,462.90	0.004119718	0	0.07503894
RIVERSIDE	2021	LDT2	DSL	Aggregated	1,288.99	58,422.34	6,390.04	0.000680186	0	0
RIVERSIDE	2021	LDT2	ELEC	Aggregated	1,692.17	54,349.02	8,602.01	0	0	0
RIVERSIDE	2021	LHDT1	GAS	Aggregated	20,885.97	692,854.05	311,169.90	0.006387158	0.126631292	0.028151395
RIVERSIDE	2021	LHDT1	DSL	Aggregated	19,999.78	695,951.65	251,572.05	0.004254429	0.005098128	0
RIVERSIDE	2021	LHDT2	GAS	Aggregated	3,292.65	108,726.45	49,055.53	0.004367382	0.128320577	0.026993046
RIVERSIDE	2021	LHDT2	DSL	Aggregated	7,676.54	267,713.75	96,561.22	0.003638294	0.005098128	0
RIVERSIDE	2021	MCY	GAS	Aggregated	35,659.72	267,522.39	71,319.43	0.318208203	0	0.242535685
RIVERSIDE	2021	MDV	GAS	Aggregated	208,791.37	7,677,992.85	957,457.85	0.005667505	0	0.094668404
RIVERSIDE	2021	MDV	DSL	Aggregated	3,985.67	171,354.65	19,488.50	0.000513485	0	0
RIVERSIDE	2021	MDV	ELEC	Aggregated	787.11	25,973.70	4,035.65	0	0	0
RIVERSIDE	2021	MH	GAS	Aggregated	6,261.09	50,694.81	626.36	0.013181596	0	0.033510567
RIVERSIDE	2021	MH	DSL	Aggregated	2,593.42	21,461.99	259.34	0.003336572	0	0
RIVERSIDE	2021	OBUS	GAS	Aggregated	589.48	27,261.01	11,794.32	0.011042602	0.198834684	0.031116359
RIVERSIDE	2021	OBUS	DSL	Aggregated	347.99	24,855.13	3,314.36	0.005645867	0.050463822	0
RIVERSIDE	2021	SBUS	GAS	Aggregated	475.47	19,228.88	1,901.89	0.008033921	2.408581229	0.056737146
RIVERSIDE	2021	SBUS	DSL	Aggregated	1,131.96	35,858.76	13,062.61	0.005836533	0.013363941	0
RIVERSIDE	2021	UBUS	GAS	Aggregated	163.48	23,017.82	653.94	0.003869807	0	0.054937057
RIVERSIDE	2021	UBUS	DSL	Aggregated	1.11	58.57	4.42	0.037433126	0	0
RIVERSIDE	2021	UBUS	ELEC	Aggregated	5.06	271.53	20.23	0	0	0
RIVERSIDE	2021	UBUS	NG	Aggregated	306.62	41,979.73	1,226.49	5.210992782	0	0
						LDA, LDT1, LDT2, LHDT1, LHDT2, MCY, MDV, MH, OBUS, SBUS, and UBUS Composite		**0.0092**	**0.0032**	**0.0616**

EMFAC2017 (v1.0.2) Emission Rates
Region Type: County
Region: RIVERSIDE
Calendar Year: 2021
Season: Winter
Vehicle Classification: EMFAC2007 Categories
Units: miles/day for VMT, trips/day for Trips, g/mile for RUNEX, PMBW and PMTW, g/trip for STREX, HTSK and RUNLS, g/vehicle/day for IDLEX, RESTL and DIURN
Model Year: Aggregated

Notes:

Idle Duration:

HHDT	109.4	min/day
MHDT	5.86	min/day
LHDT1	1.74	min/day
LHDT2	1.87	min/day

APPENDIX B

Blasting and Rock Crushing Emission Estimates

Costco
Rock Crusher Emissions

Equation:

Drop Operations Formula

$EF(PM) = (k*0.0032)*(U/5)^{1.3}/(M/2)^{1.4}$

k (PM_{10}) =	0.35	
k ($PM_{2.5}$) =	0.053	
U =	3.04	mph
M =	3	%
EF PM_{10} =	0.000333	
EF PM_{10} =	0.000050	

Where:

EF = emission factor (pounds per ton)
k =particle size multiplier (dimensionsless)
U = mean wind speed, meters per second (m/s) (miles per hour (mph))
M = material moisture content (%)

Reference:

AP42 Section 13.2.4.3 - Predictive Emission Factor Equations

Assumptions:

Production Rate Information

13,000	tons/year
60	number of days
217	tons/day

Emissions Calculations:

Equipment Type	Throughput	PM_{10}			$PM_{2.5}$		
	Tons/day	Emission Factor (lb/ton)	Daily (lb/day)	Annual (tons/year)	Emission Factor (lb/ton)	Daily (lb/day)	Annual (tons/year)
Hopper Loading	217	0.000333	0.07	2.16E-03	0.000050	0.011	3.28E-04
Primary Crusher	217	ND	-	-	ND	-	-
Conveyor Transfer	217	0.000046	0.01	2.99E-04	0.000013	0.003	8.45E-05
Conveyor Transfer	108	0.000046	0.00	1.50E-04	0.000013	0.001	4.23E-05
Conveyor Transfer	108	0.000046	0.00	1.50E-04	0.000013	0.001	4.23E-05
Screen	217	0.00074	0.16	4.81E-03	0.00005	0.011	3.25E-04
Conveyor Transfer	108	0.000046	0.00	1.50E-04	0.000013	0.001	4.23E-05
Conveyor Transfer	54	0.000046	0.00	7.48E-05	0.000013	0.001	2.11E-05
Secondary Crusher	217	ND	-	-	ND	-	-
Conveyor Transfer	65	0.000046	0.00	8.97E-05	0.000013	0.001	2.54E-05
Conveyor Transfer	152	0.000046	0.01	2.09E-04	0.000013	0.002	5.92E-05
Conveyor Transfer to Pile	65	0.000333	0.02	6.49E-04	0.000050	0.003	9.83E-05
Conveyor Transfer to Pile	152	0.000333	0.05	1.52E-03	0.000050	0.008	2.29E-04
Total Rock Crushing			***0.34***	***1.03E-02***		***0.04***	***1.30E-03***

References/Notes:

Emission Factors from AP-42, Section 11.19.2 (Crushed Stone Processing), Table 11.19.2-2 (controlled factors).

Emission Factor for drop operation (conveyor to product pile) from AP-42, Section 13.2.4 (Aggregate Handling and Storage Piles), Equation 1.
Wind speed is obtained from mean of Lake Elsinore 2012-2016 meteorlogical data. Moisture content is assumed to be 3%.
ND = No data
Conversion 1 cubic yard crushed aggregates = 2 tons http://www.summitgravel.com/calculator.html

Warm Springs Parkway
Rock Crusher Emissions

Equation:

Drop Operations Formula

$EF(PM) = (k*0.0032)*(U/5)^{1.3}/(M/2)^{1.4}$

k (PM_{10}) =	0.35	
k ($PM_{2.5}$) =	0.053	
U =	3.04	mph
M =	3	%
EF PM_{10} =	0.000333	
EF PM_{10} =	0.000050	

Where:

EF = emission factor (pounds per ton)
k =particle size multiplier (dimensionsless)
U = mean wind speed, meters per second (m/s) (miles per hour (mph))
M = material moisture content (%)

Reference:

AP42 Section 13.2.4.3 - Predictive Emission Factor Equations

Assumptions:

Production Rate Information

2,000	tons/year
10	number of days
200	tons/day

Emissions Calculations:

Equipment Type	Throughput	PM_{10}			$PM_{2.5}$		
	Tons/day	Emission Factor (lb/ton)	Daily (lb/day)	Annual (tons/year)	Emission Factor (lb/ton)	Daily (lb/day)	Annual (tons/year)
Hopper Loading	200	0.000333	0.07	3.33E-04	0.000050	0.010	5.04E-05
Primary Crusher	200	ND	-	-	ND	-	-
Conveyor Transfer	200	0.000046	0.01	4.60E-05	0.000013	0.003	1.30E-05
Conveyor Transfer	100	0.000046	0.00	2.30E-05	0.000013	0.001	6.50E-06
Conveyor Transfer	100	0.000046	0.00	2.30E-05	0.000013	0.001	6.50E-06
Screen	200	0.00074	0.15	7.40E-04	0.00005	0.010	5.00E-05
Conveyor Transfer	100	0.000046	0.00	2.30E-05	0.000013	0.001	6.50E-06
Conveyor Transfer	50	0.000046	0.00	1.15E-05	0.000013	0.001	3.25E-06
Secondary Crusher	200	ND	-	-	ND	-	-
Conveyor Transfer	60	0.000046	0.00	1.38E-05	0.000013	0.001	3.90E-06
Conveyor Transfer	140	0.000046	0.01	3.22E-05	0.000013	0.002	9.10E-06
Conveyor Transfer to Pile	60	0.000333	0.02	9.99E-05	0.000050	0.003	1.51E-05
Conveyor Transfer to Pile	140	0.000333	0.05	2.33E-04	0.000050	0.007	3.53E-05
Total Rock Crushing			***0.32***	***1.58E-03***		***0.04***	***2.00E-04***

References/Notes:

Emission Factors from AP-42, Section 11.19.2 (Crushed Stone Processing), Table 11.19.2-2 (controlled factors).

Emission Factor for drop operation (conveyor to product pile) from AP-42, Section 13.2.4 (Aggregate Handling and Storage Piles), Equation 1.
Wind speed is obtained from mean of Lake Elsinore 2012-2016 meteorlogical data. Moisture content is assumed to be 3%.
ND = No data
Conversion 1 cubic yard crushed aggregates = 2 tons http://www.summitgravel.com/calculator.html

350 horsepower Diesel-Engine Generator

Assumptions:

Generator Rating	350	hp
Daily Operating Schedule	8	hr/day
Operating Days	60	days/yr
Load Factor	0.74	

Emissions Calculations:

	VOC	NOx	CO	SOx	PM10	PM2.5	CO2	CH4
gm/bhp-hr	0.188	1.816	1.005	0.005	0.055	0.055	568.299	0.017
lb/day	0.86	8.30	4.59	0.02	0.25	0.25	2595.93	0.08
ton/year	0.03	0.25	0.14	0.00	0.01	0.01		
metric ton/yr							70.65	0.00

156 horsepower Diesel-Engine Generator

Assumptions:

Generator Rating	156	hp
Daily Operating Schedule	8	hr/day
Operating Days	60	days/yr
Load Factor	0.74	

Emissions Calculations:

	VOC	NOx	CO	SOx	PM10	PM2.5	CO2	CH4
gm/bhp-hr	0.267	2.380	2.930	0.006	0.105	0.105	568.299	0.024
lb/day	0.54	4.85	5.97	0.01	0.21	0.21	1157.04	0.05
ton/year	0.02	0.15	0.18	0.00	0.01	0.01		
metric ton/yr							31.49	0.00

325 horsepower Diesel-Engine Generator

Assumptions:

Generator Rating	325	hp
Daily Operating Schedule	8	hr/day
Operating Days	60	days/yr
Load Factor	0.74	

Emissions Calculations:

	VOC	NOx	CO	SOx	PM10	PM2.5	CO2	CH4
gm/bhp-hr	0.188	1.816	1.005	0.005	0.055	0.055	568.299	0.017
lb/day	0.80	7.70	4.26	0.02	0.23	0.23	2410.51	0.07
ton/year	0.02	0.23	0.13	0.00	0.01	0.01		
metric ton/yr							65.60	0.00

85 horsepower Diesel-Engine Generator

Assumptions:

Generator Rating	85	hp
Daily Operating Schedule	8	hr/day
Operating Days	60	days/yr
Load Factor	0.74	

Emissions Calculations:

	VOC	NOx	CO	SOx	PM10	PM2.5	CO2	CH4
gm/bhp-hr	0.364	2.173	3.380	0.006	0.179	0.179	568.299	0.032
lb/day	0.40	2.41	3.75	0.01	0.20	0.20	630.44	0.04
ton/year	0.01	0.07	0.11	0.00	0.01	0.01		
metric ton/yr							17.16	0.00

Diesel-Engine Generator Emission Summary

	VOC	NOx	CO	SOx	PM10	PM2.5	CO2	CH4
lb/day	2.60	23.25	18.57	0.06	0.90	0.90	6793.93	0.23
ton/year	0.08	0.70	0.56	0.00	0.03	0.03		
metric ton/yr							184.90	0.01

350 horsepower Diesel-Engine Generator

Assumptions:

Generator Rating	350	hp
Daily Operating Schedule	8	hr/day
Operating Days	10	days/yr
Load Factor	0.74	

Emissions Calculations:

	VOC	NOx	CO	SOx	PM10	PM2.5	CO2	CH4
gm/bhp-hr	0.188	1.816	1.005	0.005	0.055	0.055	568.299	0.017
lb/day	0.86	8.30	4.59	0.02	0.25	0.25	2595.93	0.08
ton/year	0.00	0.04	0.02	0.00	0.00	0.00		
metric ton/yr							11.77	0.00

156 horsepower Diesel-Engine Generator

Assumptions:

Generator Rating	156	hp
Daily Operating Schedule	8	hr/day
Operating Days	10	days/yr
Load Factor	0.74	

Emissions Calculations:

	VOC	NOx	CO	SOx	PM10	PM2.5	CO2	CH4
gm/bhp-hr	0.267	2.380	2.930	0.006	0.105	0.105	568.299	0.024
lb/day	0.54	4.85	5.97	0.01	0.21	0.21	1157.04	0.05
ton/year	0.00	0.02	0.03	0.00	0.00	0.00		
metric ton/yr							5.25	0.00

325 horsepower Diesel-Engine Generator

Assumptions:

Generator Rating	325	hp
Daily Operating Schedule	8	hr/day
Operating Days	10	days/yr
Load Factor	0.74	

Emissions Calculations:

	VOC	NOx	CO	SOx	PM10	PM2.5	CO2	CH4
gm/bhp-hr	0.188	1.816	1.005	0.005	0.055	0.055	568.299	0.017
lb/day	0.80	7.70	4.26	0.02	0.23	0.23	2410.51	0.07
ton/year	0.00	0.04	0.02	0.00	0.00	0.00		
metric ton/yr							10.93	0.00

85 horsepower Diesel-Engine Generator

Assumptions:

Generator Rating	85	hp
Daily Operating Schedule	8	hr/day
Operating Days	10	days/yr
Load Factor	0.74	

Emissions Calculations:

	VOC	NOx	CO	SOx	PM10	PM2.5	CO2	CH4
gm/bhp-hr	0.364	2.173	3.380	0.006	0.179	0.179	568.299	0.032
lb/day	0.40	2.41	3.75	0.01	0.20	0.20	630.44	0.04
ton/year	0.00	0.01	0.02	0.00	0.00	0.00		
metric ton/yr							2.86	0.00

Diesel-Engine Generator Emission Summary

	VOC	NOx	CO	SOx	PM10	PM2.5	CO2	CH4
lb/day	2.60	23.25	18.57	0.06	0.90	0.90	6793.93	0.23
ton/year	0.01	0.12	0.09	0.00	0.00	0.00		
metric ton/yr							30.82	0.00

Vineyard II
Rock Popping Emissions

Assumptions:

2	pops per day
2	popping cartridges per pop
0.000022	tons gun powder per popping cartridge
8.00	feet average depth

Project Estimates:

25.0	total rocks to be popped
0.001102	total ton black powder
0.000088	maximum ton black powder per day

Emissions Calculations:

Pollutant	Source	Emission Factor (lb/ton)	Maximum Daily (lbs/day)	Annual (lbs/year)	Annual (ton/year)
ROG	1	N/A	—	—	—
NOx	1	ND	—	—	—
CO	1	170	0.01	0.19	0.00
SOx	1	N/A	—	—	—
PM_{10}	2	0.00008	0.00	0.00	0.00
$PM_{2.5}$	2	ND	—	—	—
Pollutant	**Source**	**(lb/ton)**	**(lb/day)**	**(lbs/year)**	**(MT/year)**
CH_4	1	4.2	3.70E-04	0.00	2.10E-06

Source/Reference:

1. AP-42, Section 13.3, Table 13.3-1 for black powder.
2. AP-42, Section 11.9, Table 11.9-2, wet drilling.
3. https://www.autostemtechnology.com/rockbreakingcartridges

Notes:

lb = pounds

Warm Springs Parkway
Blasting Emissions

Anticipated blasting activities is assumed to include the following:

Assumptions:

200	cubic yard/blast
1	blast/day
0.10	ton explosives/per 200 CY blast (maximum blast)
5	feet average depth

Project Estimates:

1,000	total cubic yard
5	total blasts
1	total ton explosives
0.10	maximum ton explosives/day
200	total square feet blasted
40	maxmimum square feet blasted/day

Emissions Calculations:

Pollutant	Source	Emission Factor	Units	Maximum Daily (lbs/day)	Annual (lbs/year)	Annual (ton/year)
VOC	1	N/A	lb/ton	—	—	—
NOx	1	17	lb/ton	1.70	8.50	0.00
CO	1	67	lb/ton	6.70	33.50	0.02
SOx	1	2	lb/ton	0.20	1.00	0.00
PM_{10}	2	—	lb/blast	0.00	0.02	0.00
$PM_{2.5}$	2	—	lb/blast	0.00	0.00	0.00

Source/Reference:

1. AP-42, Section 13.3, Table 13.3-1 for ANFO.
2. AP-42, Section 11.9, Table 11.9-1.
   $PM_{10} = 0.52 \times 0.000014 \times (A)^{1.5}$, where A is the horizontal area blasted.
   $PM_{2.5} = 0.03 \times 0.000014 \times (A)^{1.5}$, where A is the horizontal area blasted.

GHG Emissions Calculation Comparison:

Pollutant	Source	Emission Factor	Units	Maximum Daily (lbs/day)	Annual (lbs/year)	Annual (MT/year)
CO_2	1	10.35	kg/gallon	--	--	0.08
CO_2	2	0.1670	MT/MT	--	--	0.08

Source/Reference:

1. The Climate Registry. 2018 Emission Factors. Table 12.1 U.S. Default Factors for Calculating CO2 Emissions from Combustion of Fossil Fuel and Biomass.
2. Australian Government - Department of Heritage Australian Greenhouse Office. *AGO Factors and Methods Workbook.* December 2006

Conversion Values:

7.41	lbs/gallon fuel oil
6.00%	composition of fuel oil #2 in ANFO
10.35	kg CO2/gallon fuel oil #2
2000	lbs/ton
1000	kg/MT
1.102	tons/MT

Notes:

MT = metric tons
kg = kilograms
lb = pounds

APPENDIX C

Carbon Monoxide Hotspots Assessment

APPENDIX C
CO Hotspots Screening Evaluation

To verify that the project would not cause or contribute to a violation of the carbon monoxide (CO) standards, a screening evaluation of the potential for CO hotspots was conducted. The California Department of Transportation (Caltrans) and the U.C. Davis Institute of Transportation Studies *Transportation Project-Level Carbon Monoxide Protocol* (CO Protocol) (Caltrans 2010), and the South Coast Air Quality Management District (SCAQMD) *CEQA Air Quality Handbook* (SCAQMD 1993) were followed. CO hotspots are typically evaluated when (1) the level of service (LOS) of an intersection or roadway decreases to LOS E or worse, (2) signalization and/or channelization is added to an intersection, and (3) sensitive receptors such as residences, schools, and hospitals are located in the vicinity of the affected intersection or roadway segment.

According to the CO Protocol, there is a cap on the number of intersections that need to be analyzed for any one project. For a single project with multiple intersections, only the three intersections representing the worst LOS ratings of the project, and, to the extent they are different intersections, the three intersections representing the highest traffic volumes, need be analyzed. For each intersection failing a screening test as described in this protocol, an additional intersection should be analyzed (Caltrans 1997).

Table 1 shows a summary of the project's LOS for all four intersections evaluated for year 2020 cumulative conditions.

Intersection	Control Type	Peak Hour	Existing + Project + Cumulative Projects
			LOS
1. Nutmeg Street & Clinton Keith Road	Signal	AM PM	C **E**
2. California Oaks Road & Clinton Keith Road	Signal	AM PM	C **E**
3. Murrieta Oaks Avenue & Clinton Keith Road	Signal	AM PM	**E** **E**
4. Whitewood Road & Clinton Keith Road	Signal	AM PM	D **E**

Notes: LOS = level of service.
Bold indicates a LOS of E or worse.

Ambient Air Quality Data*

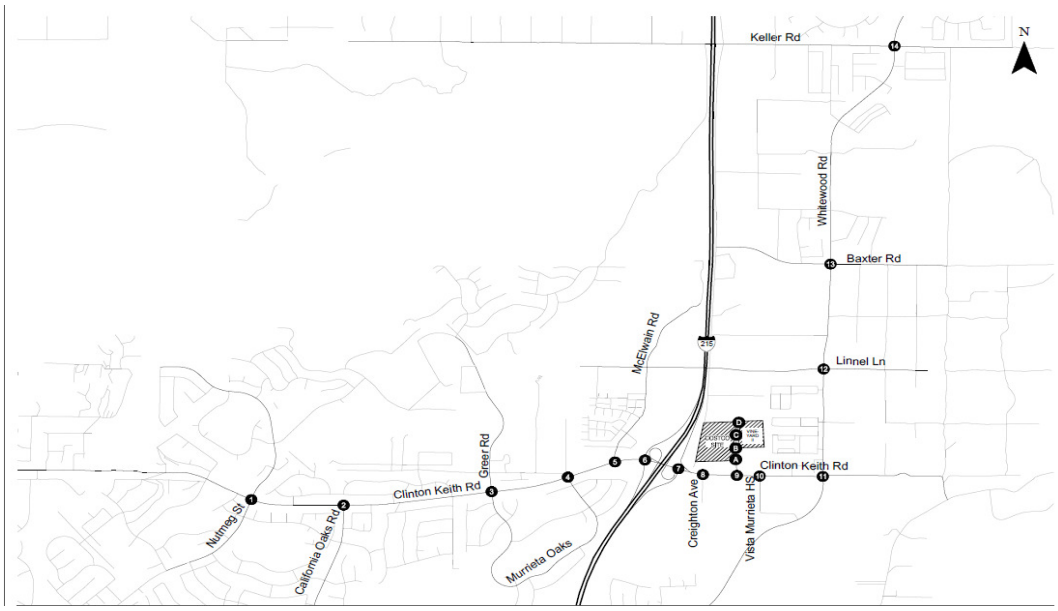
Pollutant	Averaging Time	2020	Most Stringent AQ Standard	Monitioring Station***
CO	1 hour	5.1	20	Lake Elsinore
CO	8 hour	3.9	9	Lake Elsinore

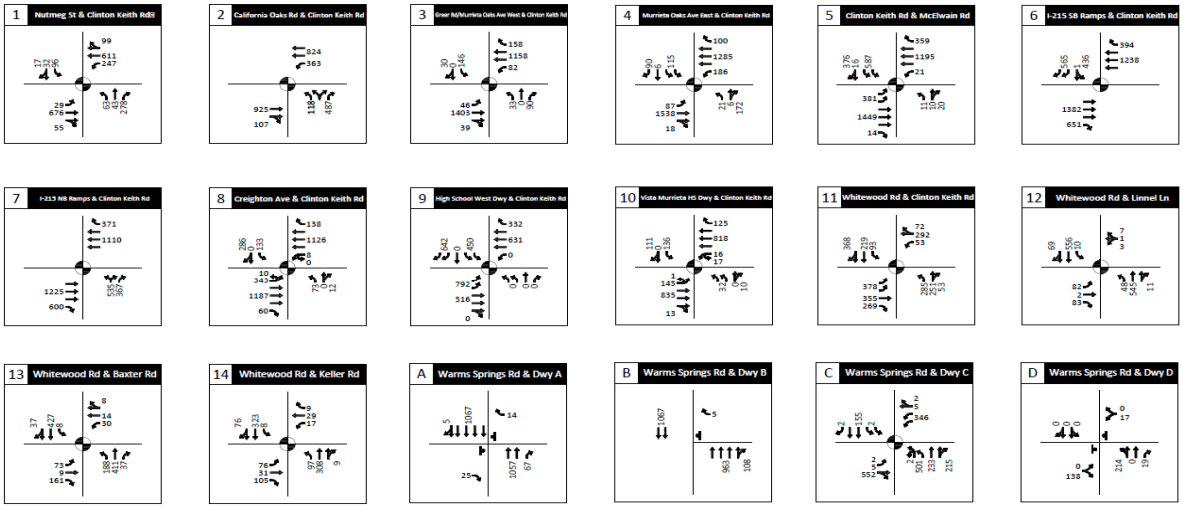
*Data was taken from EPA AirData (http://www.epa.gov/airdata/) and represent the highest concentrations experienced over a given year. Data is presented in parts per million.

** The 2014 CO concentration represents the highest concentration experienced from 2014 to 2016 at the Lake Elsinore Monitoring Station; therefore, this background concentration was used as the background concentration in the Caline4 models.

*** The Lake Elsinore Monitoring Station, is the nearest air-monitoring station to the project area.

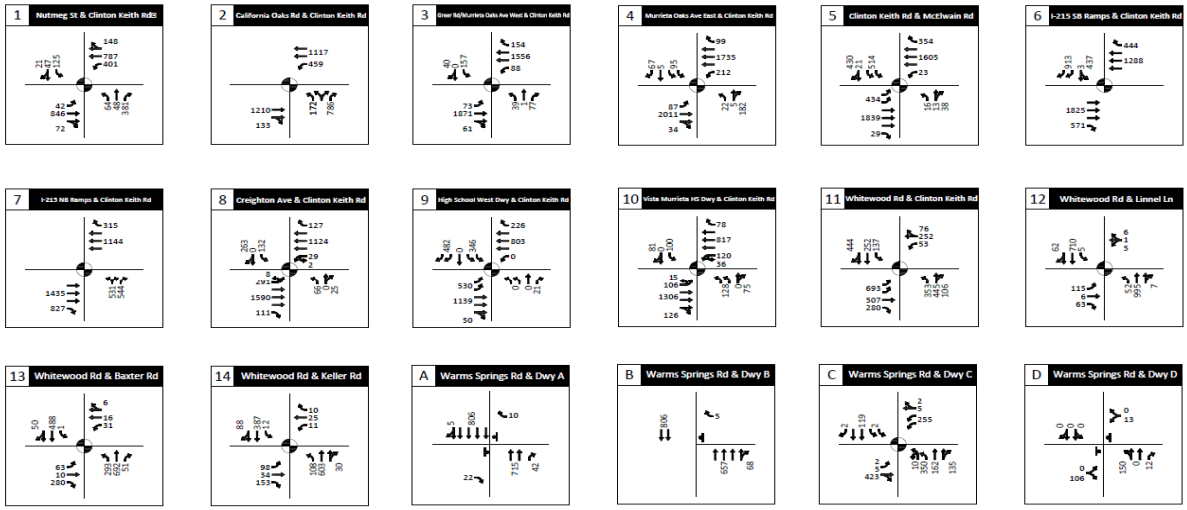
		2014	2015	2016
CO	1 hour	1.9	0.8	1.2
	8 hour	1.4	0.6	0.6
	Ratios	0.74	0.75	0.50
	Average	**0.66**		





Year 2020 Cumulative Traffic Volumes
Saturday Midday Peak Hour
Murrieta, CA

Figure
14B



Year 2020 Cumulative Traffic Volumes
Weekday PM Peak Hour
Murrieta, CA

Figure
14A

CL4 Assumptions

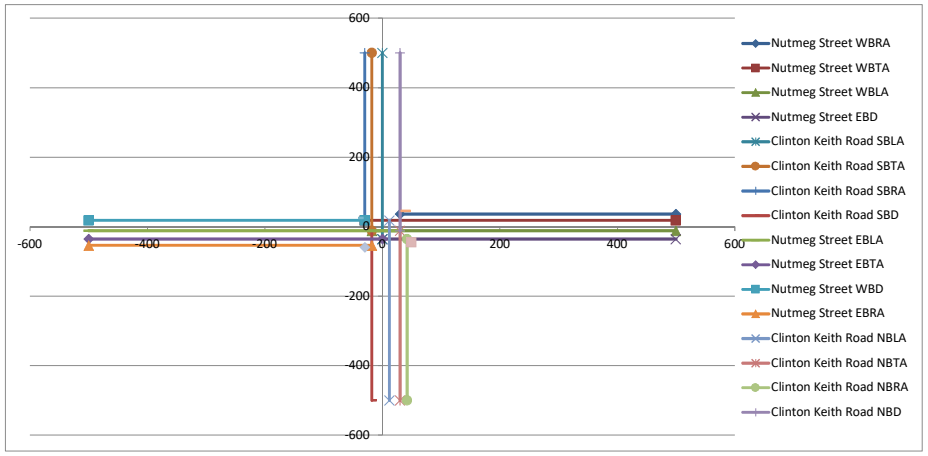
Nutmeg Street & Clinton Keith Road
Project plus Cumulative Conditions (2020)
Job Parameters

File Name	Nutmeg&Clinton	
Run type	Worst-case wind angle	
Aerodynamic roughness coefficient	Suburban	
Link/Receptor Geometry	feet	
Altitude above sea level (ft)		1550
Number of links		16
Number of receptors		4
Averaging interval	1 hour	

Link geometry

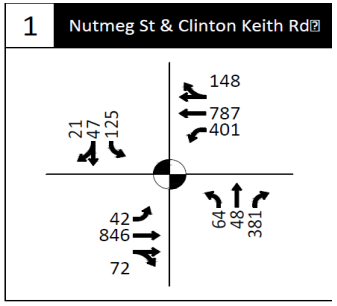
Link name	link type	endpoint 1 coordinate x	endpoint 1 coordinate y	endpoint 2 coordinate x	endpoint 2 coordinate y	link height	mixing zone width
Nutmeg Street WBRA	at-grade	500	36	30	36	0	33
Nutmeg Street WBTA	at-grade	500	18	-30	18	0	33
Nutmeg Street WBLA	at-grade	500	-12	-18	-12	0	33
Nutmeg Street WBD	at-grade	-30	18	-500	18	0	33
Nutmeg Street EBLA	at-grade	-500	-12	30	-12	0	33
Nutmeg Street EBTA	at-grade	-500	-36	0	-36	0	33
Nutmeg Street EBRA	at-grade	-500	-54	-18	-54	0	33
Nutmeg Street EBD	at-grade	0	-36	500	-36	0	33
Clinton Keith Road NBLA	at-grade	12	-500	12	18	0	33
Clinton Keith Road NBTA	at-grade	30	-500	30	-12	0	33
Clinton Keith Road NBRA	at-grade	42	-500	42	-36	0	33
Clinton Keith Road NBD	at-grade	30	-12	30	500	0	33
Clinton Keith Road SBLA	at-grade	0	500	0	-36	0	33
Clinton Keith Road SBTA	at-grade	-18	500	-18	-12	0	33
Clinton Keith Road SBRA	at-grade	-30	500	-30	18	0	33
Clinton Keith Road SBD	at-grade	-18	-12	-18	-500	0	33

Sensitive Recptors	x	y	z
SR1	-40	25	5.9
SR2	40	45	5.9
SR3	-30	-60	5.9
SR4	50	-45	5.9



Link activity

Link/run	Traffic volume	Emission factor
EBLA	42	2.9
EBTA	846	2.9
EBRA	72	2.9
EBD	1352	2.9
WBLA	401	2.9
WBTA	787	2.9
WBRA	148	2.9
WBD	872	2.9
NBLA	64	2.9
NBTA	48	2.9
NBRA	381	2.9
NBD	238	2.9
SBLA	125	2.9
SBTA	47	2.9
SBRA	21	2.9
SBD	520	2.9



Run conditions

Run:	Hour 1	
Wind speed (m/s)	1	
Wind direction (degrees)	0	
Wind direction standard deviation (degrees)	10	
Atmospheric stability class (1-7)	7	
Mixing height (m)	1000 meters	SCAQMD 1993 CEQA Handbook
Ambient temperature (degrees Celsius)	6.8	
Ambient pollutant concentration	5.1	

EMFAC Assumptions

Ambient temperature	44.3	F	6.8 C
Veh type, Veh tech	all, all		
Speed	5 mph		
Year	2020		

IV. Model Results Worst Case Wind Angle

	RECEPTOR	BRG (DEG)	PRED CONC (PPM)
1 Recpt	**SR1**	251	0.2
2 Recpt	**SR2**	251	0.1
3 Recpt	**SR3**	72	0.1
4 Recpt	**SR4**	286	0.1

	RECEPTOR	1-HOUR	8-HOUR	
			Persistence Factor*	**0.70**
1 Recpt	**SR1**	5.3	4.04	
2 Recpt	**SR2**	5.2	3.97	
3 Recpt	**SR3**	5.2	3.97	
4 Recpt	**SR4**	5.2	3.97	

* A persistence factor of 0.7 was used in the Air Quality Analysis
Persistance factor based on a suburban site in the SCAQMD 1993 CEQA Handbook.

CL4 Assumptions

California Oaks Road & Clinton Keith Road

Project plus Cumulative Conditions (2020)

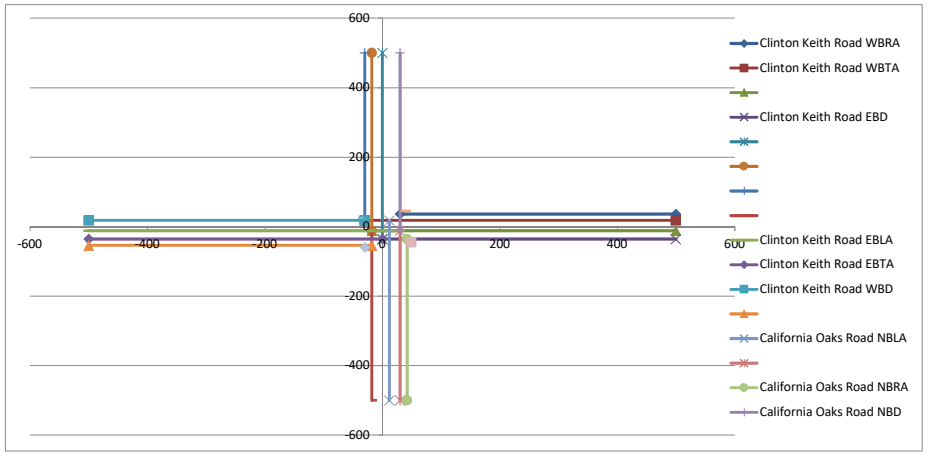
Job Parameters

File Name	California&Clinton	
Run type	Worst-case wind angle	
Aerodynamic roughness coefficient	Suburban	
Link/Receptor Geometry	feet	
Altitude above sea level (ft)		1550
Number of links		
Number of receptors		4
Averaging interval	1 hour	

Link geometry

Link name	link type	endpoint 1 coordinate x	endpoint 1 coordinate y	endpoint 2 coordinate x	endpoint 2 coordinate y	link height	mixing zone width
Clinton Keith Road WBRA	at-grade	500	36	30	36	0	33
Clinton Keith Road WBTA	at-grade	500	18	-30	18	0	33
	at-grade	500	-12	-18	-12	0	33
Clinton Keith Road WBD	at-grade	-30	18	-500	18	0	33
Clinton Keith Road EBLA	at-grade	-500	-12	30	-12	0	33
Clinton Keith Road EBTA	at-grade	-500	-36	0	-36	0	33
	at-grade	-500	-54	-18	-54	0	33
Clinton Keith Road EBD	at-grade	0	-36	500	-36	0	33
California Oaks Road NBLA	at-grade	12	-500	12	18	0	33
	at-grade	30	-500	30	-12	0	33
California Oaks Road NBRA	at-grade	42	-500	42	-36	0	33
California Oaks Road NBD	at-grade	30	-12	30	500	0	33
	at-grade	0	500	0	-36	0	33
	at-grade	-18	500	-18	-12	0	33
	at-grade	-30	500	-30	18	0	33
	at-grade	-18	-12	-18	-500	0	33

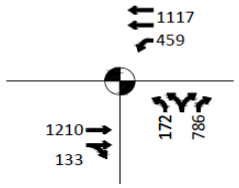
Sensitive Recptors	x	y	z
SR1	-40	25	5.9
SR2	40	45	5.9
SR3	-30	-60	5.9
SR4	50	-45	5.9



Link activity

Link/run	Traffic volume	Emission factor
EBLA	459	2.9
EBTA	1117	2.9
EBD	1903	2.9
WBTA	1210	2.9
WBRA	133	2.9
WBD	1382	2.9
NBLA	172	2.9
NBRA	786	2.9
NBD	592	2.9

2 **California Oaks Rd & Clinton Keith Rd**



Run conditions

Run:	Hour 1		
Wind speed (m/s)		1	
Wind direction (degrees)		0	
Wind direction standard deviation (degrees)		10	
Atmospheric stability class (1-7)		7	
Mixing height (m)	1000 meters		SCAQMD 1993 CEQA Handbook
Ambient temperature (degrees Celsius)		6.8	
Ambient pollutant concentration		5.1	

EMFAC Assumptions

Ambient temperature		44.3 F	6.8 C
Veh type, Veh tech		all, all	
Speed		5 mph	
Year		2020	

IV. Model Results Worst Case Wind Angle

	RECEPTOR	BRG (DEG)	PRED CONC (PPM)
1 Recpt	**SR1**	253	0.3
2 Recpt	**SR2**	252	0.2
3 Recpt	**SR3**	72	0.2
4 Recpt	**SR4**	301	0.1

	RECEPTOR	1-HOUR	8-HOUR	
			Persistence Factor*	**0.70**
1 Recpt	**SR1**	5.4	4.11	
2 Recpt	**SR2**	5.3	4.04	
3 Recpt	**SR3**	5.3	4.04	
4 Recpt	**SR4**	5.2	3.97	

* A persistence factor of 0.7 was used in the Air Quality Analysis
Persistance factor based on a suburban site in the SCAQMD 1993 CEQA Handbook.

CL4 Assumptions

Murrieta Oaks Avenue & Clinton Keith Road

Project plus Cumulative Conditions (2020)

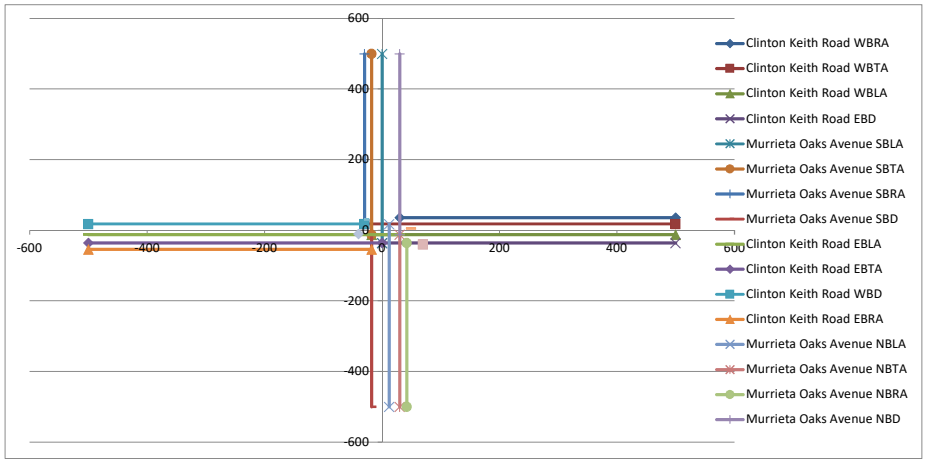
Job Parameters

File Name	Murrieta&Clinton	
Run type	Worst-case wind angle	
Aerodynamic roughness coefficient	Suburban	
Link/Receptor Geometry	feet	
Altitude above sea level (ft)		1550
Number of links		
Number of receptors		4
Averaging interval	1 hour	

Link geometry

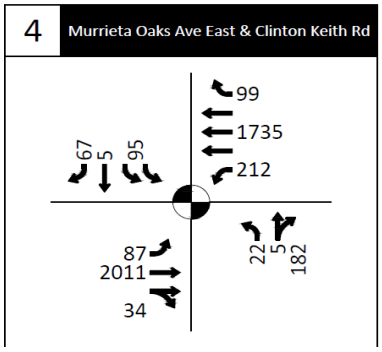
Link name	link type	endpoint 1 coordinate x	endpoint 1 coordinate y	endpoint 2 coordinate x	endpoint 2 coordinate y	link height	mixing zone width
Clinton Keith Road WBRA	at-grade	500	36	30	36	0	33
Clinton Keith Road WBTA	at-grade	500	18	-30	18	0	33
Clinton Keith Road WBLA	at-grade	500	-12	-18	-12	0	33
Clinton Keith Road WBD	at-grade	-30	18	-500	18	0	33
Clinton Keith Road EBLA	at-grade	-500	-12	30	-12	0	33
Clinton Keith Road EBTA	at-grade	-500	-36	0	-36	0	33
Clinton Keith Road EBRA	at-grade	-500	-54	-18	-54	0	33
Clinton Keith Road EBD	at-grade	0	-36	500	-36	0	33
Murrieta Oaks Avenue NBLA	at-grade	12	-500	12	18	0	33
Murrieta Oaks Avenue NBTA	at-grade	30	-500	30	-12	0	33
Murrieta Oaks Avenue NBRA	at-grade	42	-500	42	-36	0	33
Murrieta Oaks Avenue NBD	at-grade	30	-12	30	500	0	33
Murrieta Oaks Avenue SBLA	at-grade	0	500	0	-36	0	33
Murrieta Oaks Avenue SBTA	at-grade	-18	500	-18	-12	0	33
Murrieta Oaks Avenue SBRA	at-grade	-30	500	-30	18	0	33
Murrieta Oaks Avenue SBD	at-grade	-18	-12	-18	-500	0	33

Sensitive Recptors	x	y	z
SR1	-30	30	5.9
SR2	50	5	5.9
SR3	-40	-10	5.9
SR4	70	-40	5.9



Link activity

Link/run	Traffic volume	Emission factor
EBLA	87	2.9
EBTA	2011	2.9
EBRA	34	2.9
EBD	2288	2.9
WBLA	212	2.9
WBTA	1735	2.9
WBRA	99	2.9
WBD	1824	2.9
NBLA	22	2.9
NBTA	5	2.9
NBRA	182	2.9
NBD	191	2.9
SBLA	95	2.9
SBTA	5	2.9
SBRA	67	2.9
SBD	251	2.9



Run conditions

Run:	Hour 1	
Wind speed (m/s)	1	
Wind direction (degrees)	0	
Wind direction standard deviation (degrees)	10	
Atmospheric stability class (1-7)	7	
Mixing height (m)	1000 meters	SCAQMD 1993 CEQA Handbook
Ambient temperature (degrees Celsius)	6.8	
Ambient pollutant concentration	5.1	

EMFAC Assumptions

Ambient temperature	44.3 F	6.8 C
Veh type, Veh tech	all, all	
Speed	5 mph	
Year	2020	

IV. Model Results Worst Case Wind Angle

	RECEPTOR	BRG (DEG)	PRED CONC (PPM)
1 Recpt	**SR1**	251	0.3
2 Recpt	**SR2**	250	0.2
3 Recpt	**SR3**	70	0.2
4 Recpt	**SR4**	287	0.2

	RECEPTOR	1-HOUR	8-HOUR
			Persistence Factor* **0.70**
1 Recpt	**SR1**	5.4	4.11
2 Recpt	**SR2**	5.3	4.04
3 Recpt	**SR3**	5.3	4.04
4 Recpt	**SR4**	5.3	4.04

* A persistence factor of 0.7 was used in the Air Quality Analysis
Persistance factor based on a suburban site in the SCAQMD 1993 CEQA Handbook.

CL4 Assumptions

Whitewood Road & Clinton Keith Road

Project plus Cumulative Conditions (2020)

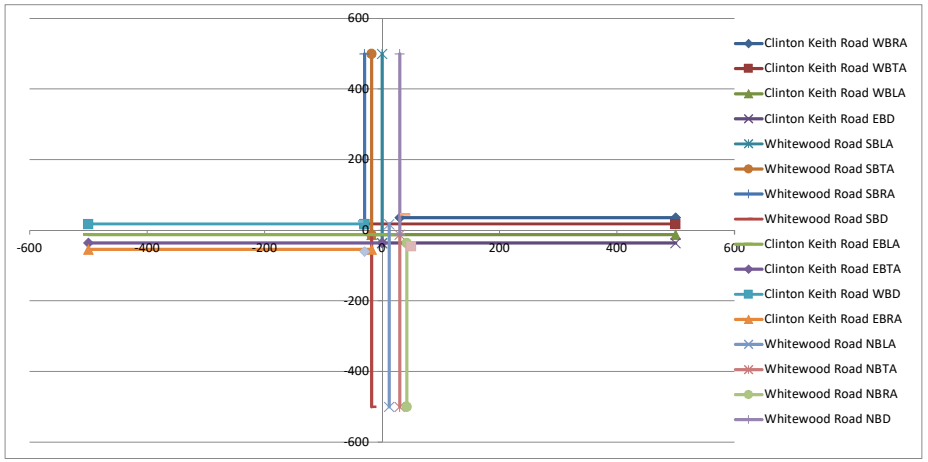
Job Parameters

File Name	Whitewood&Clinton	
Run type	Worst-case wind angle	
Aerodynamic roughness coefficient	Suburban	
Link/Receptor Geometry	feet	
Altitude above sea level (ft)		1550
Number of links		
Number of receptors		4
Averaging interval	1 hour	

Link geometry

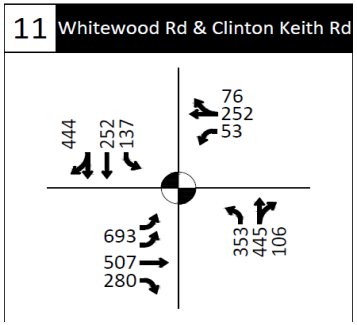
Link name	link type	endpoint 1 coordinate x	endpoint 1 coordinate y	endpoint 2 coordinate x	endpoint 2 coordinate y	link height	mixing zone width
Clinton Keith Road WBRA	at-grade	500	36	30	36	0	33
Clinton Keith Road WBTA	at-grade	500	18	-30	18	0	33
Clinton Keith Road WBLA	at-grade	500	-12	-18	-12	0	33
Clinton Keith Road WBD	at-grade	-30	18	-500	18	0	33
Clinton Keith Road EBLA	at-grade	-500	-12	30	-12	0	33
Clinton Keith Road EBTA	at-grade	-500	-36	0	-36	0	33
Clinton Keith Road EBRA	at-grade	-500	-54	-18	-54	0	33
Clinton Keith Road EBD	at-grade	0	-36	500	-36	0	33
Whitewood Road NBLA	at-grade	12	-500	12	18	0	33
Whitewood Road NBTA	at-grade	30	-500	30	-12	0	33
Whitewood Road NBRA	at-grade	42	-500	42	-36	0	33
Whitewood Road NBD	at-grade	30	-12	30	500	0	33
Whitewood Road SBLA	at-grade	0	500	0	-36	0	33
Whitewood Road SBTA	at-grade	-18	500	-18	-12	0	33
Whitewood Road SBRA	at-grade	-30	500	-30	18	0	33
Whitewood Road SBD	at-grade	-18	-12	-18	-500	0	33

Sensitive Recptors	x	y	z
SR1	-40	25	5.9
SR2	40	45	5.9
SR3	-30	-60	5.9
SR4	50	-45	5.9



Link activity

Link/run	Traffic volume	Emission factor
EBLA	53	2.9
EBTA	252	2.9
EBRA	76	2.9
EBD	495	2.9
WBLA	693	2.9
WBTA	507	2.9
WBRA	280	2.9
WBD	1304	2.9
NBLA	353	2.9
NBTA	445	2.9
NBRA	106	2.9
NBD	778	2.9
SBLA	137	2.9
SBTA	252	2.9
SBRA	444	2.9
SBD	1021	2.9



Run conditions

Run:	Hour 1	
Wind speed (m/s)	1	
Wind direction (degrees)	0	
Wind direction standard deviation (degrees)	10	
Atmospheric stability class (1-7)	7	
Mixing height (m)	1000 meters	SCAQMD 1993 CEQA Handbook
Ambient temperature (degrees Celsius)	6.8	
Ambient pollutant concentration	5.1	

EMFAC Assumptions

Ambient temperature	44.3 F	6.8 C
Veh type, Veh tech	all, all	
Speed	5 mph	
Year	2020	

IV. Model Results Worst Case Wind Angle

	RECEPTOR	BRG (DEG)	PRED CONC (PPM)
1 Recpt	**SR1**	163	0.0
2 Recpt	**SR2**	199	0.1
3 Recpt	**SR3**	45	0.0
4 Recpt	**SR4**	286	0.1

	RECEPTOR	1-HOUR	8-HOUR	
			Persistence Factor*	**0.70**
1 Recpt	**SR1**	5.1	3.90	
2 Recpt	**SR2**	5.2	3.97	
3 Recpt	**SR3**	5.1	3.90	
4 Recpt	**SR4**	5.2	3.97	

* A persistence factor of 0.7 was used in the Air Quality Analysis
Persistance factor based on a suburban site in the SCAQMD 1993 CEQA Handbook.

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: California&Clinton
RUN: STANDARD RUN (WORST CASE ANGLE)
POLLUTANT: CO

I. SITE VARIABLES

U=	1.0 M/S	Z0=	10. CM	ALT=	472.4 (M)
BRG=	WORST CASE	VD=	0.0 CM/S		
CLAS=	7 (G)	VS=	0.0 CM/S		
MIXH=	1000. M	AMB=	5.1 PPM		
SIGTH=	10. DEGREES	TEMP=	5.1 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (FT) X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H (FT)	W (FT)
A. Clinton Keit	*	500	36	30	36	* AG	459	2.9	0.0	33.0
B. Clinton Keit	*	500	18	-30	18	* AG	1117	2.9	0.0	33.0
C. Clinton Keit	*	-30	18	-500	18	* AG	1903	2.9	0.0	33.0
D. Clinton Keit	*	-500	-12	30	-12	* AG	1210	2.9	0.0	33.0
E. Clinton Keit	*	-500	-36	0	-36	* AG	133	2.9	0.0	33.0
F. Clinton Keit	*	0	-36	500	-36	* AG	1382	2.9	0.0	33.0
G. California O	*	12	-500	12	18	* AG	172	2.9	0.0	33.0
H. California O	*	42	-500	42	-36	* AG	786	2.9	0.0	33.0
I. California O	*	30	-12	30	500	* AG	592	2.9	0.0	33.0

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (FT) X	Y	Z
1. SR1	*	-60	50	5.9
2. SR2	*	60	70	5.9
3. SR3	*	-50	-80	5.9
4. SR4	*	70	-70	5.9

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 2

JOB: California&Clinton
RUN: STANDARD RUN (WORST CASE ANGLE)
POLLUTANT: CO

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	BRG (DEG)	PRED CONC (PPM)	CONC/LINK (PPM) A	B	C	D	E	F	G	H
1. SR1	253.	5.5	0.0	0.0	0.3	0.1	0.0	0.0	0.0	0.0
2. SR2	252.	5.5	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.0
3. SR3	72.	5.4	0.0	0.1	0.0	0.0	0.0	0.2	0.0	0.0
4. SR4	301.	5.6	0.0	0.0	0.1	0.1	0.0	0.1	0.0	0.1

RECEPTOR	CONC/LINK (PPM) I
1. SR1	0.0
2. SR2	0.1
3. SR3	0.0
4. SR4	0.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: Murrieta&Clinton
RUN: STANDARD RUN (WORST CASE ANGLE)
POLLUTANT: CO

I. SITE VARIABLES

U=	1.0 M/S	Z0=	10. CM	ALT=	472.4 (M)
BRG=	WORST CASE	VD=	0.0 CM/S		
CLAS=	7 (G)	VS=	0.0 CM/S		
MIXH=	1000. M	AMB=	5.1 PPM		
SIGTH=	10. DEGREES	TEMP=	5.1 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (FT) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (FT)	W (FT)
A. Clinton Keit	500	36	30	36	AG	87	2.9	0.0	33.0
B. Clinton Keit	500	18	-30	18	AG	2011	2.9	0.0	33.0
C. Clinton Keit	500	-12	-18	-12	AG	34	2.9	0.0	33.0
D. Clinton Keit	-30	18	-500	18	AG	2288	2.9	0.0	33.0
E. Clinton Keit	-500	-12	30	-12	AG	212	2.9	0.0	33.0
F. Clinton Keit	-500	-36	0	-36	AG	1735	2.9	0.0	33.0
G. Clinton Keit	-500	-54	-18	-54	AG	99	2.9	0.0	33.0
H. Clinton Keit	0	-36	500	-36	AG	1824	2.9	0.0	33.0
I. Murrieta Oak	12	-500	12	18	AG	22	2.9	0.0	33.0
J. Murrieta Oak	30	-500	30	-12	AG	5	2.9	0.0	33.0
K. Murrieta Oak	42	-500	42	-36	AG	182	2.9	0.0	33.0
L. Murrieta Oak	30	-12	30	500	AG	191	2.9	0.0	33.0
M. Murrieta Oak	0	500	0	-36	AG	95	2.9	0.0	33.0
N. Murrieta Oak	-18	500	-18	-12	AG	5	2.9	0.0	33.0
O. Murrieta Oak	-30	500	-30	18	AG	67	2.9	0.0	33.0
P. Murrieta Oak	-18	-12	-18	-500	AG	251	2.9	0.0	33.0

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (FT) X	Y	Z
1. SR1	-60	50	5.9

2. SR2	*	60	70	5.9
3. SR3	*	-50	-80	5.9
4. SR4	*	70	-70	5.9

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 2

JOB: Murrieta&Clinton
RUN: STANDARD RUN (WORST CASE ANGLE)
POLLUTANT: CO

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	BRG (DEG)	PRED CONC (PPM)	CONC/LINK (PPM) A	B	C	D	E	F	G	H
1. SR1	251.	5.6	0.0	0.0	0.0	0.3	0.0	0.1	0.0	0.0
2. SR2	250.	5.5	0.0	0.0	0.0	0.2	0.0	0.1	0.0	0.0
3. SR3	70.	5.5	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.2
4. SR4	287.	5.6	0.0	0.0	0.0	0.2	0.0	0.2	0.0	0.1

RECEPTOR	CONC/LINK (PPM) I	J	K	L	M	N	O	P
1. SR1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2. SR2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3. SR3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4. SR4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: Nutmeg&Clinton
RUN: STANDARD RUN (WORST CASE ANGLE)
POLLUTANT: CO

I. SITE VARIABLES

U= 1.0 M/S Z0= 10. CM ALT= 472.4 (M)
BRG= WORST CASE VD= 0.0 CM/S
CLAS= 7 (G) VS= 0.0 CM/S
MIXH= 1000. M AMB= 5.1 PPM
SIGTH= 10. DEGREES TEMP= 5.1 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (FT) X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H (FT)	W (FT)
A. Nutmeg Stree	*	500	36	30	36	* AG	42	2.9	0.0	33.0
B. Nutmeg Stree	*	500	18	-30	18	* AG	846	2.9	0.0	33.0
C. Nutmeg Stree	*	500	-12	-18	-12	* AG	72	2.9	0.0	33.0
D. Nutmeg Stree	*	-30	18	-500	18	* AG	1352	2.9	0.0	33.0
E. Nutmeg Stree	*	-500	-12	30	-12	* AG	401	2.9	0.0	33.0
F. Nutmeg Stree	*	-500	-36	0	-36	* AG	787	2.9	0.0	33.0
G. Nutmeg Stree	*	-500	-54	-18	-54	* AG	148	2.9	0.0	33.0
H. Nutmeg Stree	*	0	-36	500	-36	* AG	872	2.9	0.0	33.0
I. Clinton Keit	*	12	-500	12	18	* AG	64	2.9	0.0	33.0
J. Clinton Keit	*	30	-500	30	-12	* AG	48	2.9	0.0	33.0
K. Clinton Keit	*	42	-500	42	-36	* AG	381	2.9	0.0	33.0
L. Clinton Keit	*	30	-12	30	500	* AG	238	2.9	0.0	33.0
M. Clinton Keit	*	0	500	0	-36	* AG	125	2.9	0.0	33.0
N. Clinton Keit	*	-18	500	-18	-12	* AG	47	2.9	0.0	33.0
O. Clinton Keit	*	-30	500	-30	18	* AG	21	2.9	0.0	33.0
P. Clinton Keit	*	-18	-12	-18	-500	* AG	520	2.9	0.0	33.0

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (FT) X	Y	Z
1. SR1	*	-60	50	5.9

2. SR2	*	60	70	5.9
3. SR3	*	-50	-80	5.9
4. SR4	*	70	-70	5.9

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 2

JOB: Nutmeg&Clinton
RUN: STANDARD RUN (WORST CASE ANGLE)
POLLUTANT: CO

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	BRG (DEG)	PRED CONC (PPM)	CONC/LINK (PPM) A	B	C	D	E	F	G	H
1. SR1	251.	5.4	0.0	0.0	0.0	0.2	0.0	0.1	0.0	0.0
2. SR2	251.	5.4	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0
3. SR3	72.	5.4	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1
4. SR4	286.	5.5	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0

RECEPTOR	CONC/LINK (PPM) I	J	K	L	M	N	O	P
1. SR1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2. SR2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3. SR3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
4. SR4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: Whitewood&Clinton
RUN: STANDARD RUN (WORST CASE ANGLE)
POLLUTANT: CO

I. SITE VARIABLES

U=	1.0 M/S	Z0=	10. CM	ALT=	472.4 (M)
BRG=	WORST CASE	VD=	0.0 CM/S		
CLAS=	7 (G)	VS=	0.0 CM/S		
MIXH=	1000. M	AMB=	5.1 PPM		
SIGTH=	10. DEGREES	TEMP=	5.1 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (FT) X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H (FT)	W (FT)
A. Clinton Keit	*	500	36	30	36	* AG	53	2.9	0.0	33.0
B. Clinton Keit	*	500	18	-30	18	* AG	252	2.9	0.0	33.0
C. Clinton Keit	*	500	-12	-18	-12	* AG	76	2.9	0.0	33.0
D. Clinton Keit	*	-30	18	-500	18	* AG	495	2.9	0.0	33.0
E. Clinton Keit	*	-500	-12	30	-12	* AG	693	2.9	0.0	33.0
F. Clinton Keit	*	-500	-36	0	-36	* AG	507	2.9	0.0	33.0
G. Clinton Keit	*	-500	-54	-18	-54	* AG	280	2.9	0.0	33.0
H. Clinton Keit	*	0	-36	500	-36	* AG	1304	2.9	0.0	33.0
I. Whitewood Ro	*	12	-500	12	18	* AG	353	2.9	0.0	33.0
J. Whitewood Ro	*	30	-500	30	-12	* AG	445	2.9	0.0	33.0
K. Whitewood Ro	*	42	-500	42	-36	* AG	106	2.9	0.0	33.0
L. Whitewood Ro	*	30	-12	30	500	* AG	778	2.9	0.0	33.0
M. Whitewood Ro	*	0	500	0	-36	* AG	137	2.9	0.0	33.0
N. Whitewood Ro	*	-18	500	-18	-12	* AG	252	2.9	0.0	33.0
O. Whitewood Ro	*	-30	500	-30	18	* AG	444	2.9	0.0	33.0
P. Whitewood Ro	*	-18	-12	-18	-500	* AG	1021	2.9	0.0	33.0

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (FT) X	Y	Z
1. SR1	*	-60	50	5.9

2. SR2	*	60	70	5.9
3. SR3	*	-50	-80	5.9
4. SR4	*	70	-70	5.9

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 2

JOB: Whitewood&Clinton
RUN: STANDARD RUN (WORST CASE ANGLE)
POLLUTANT: CO

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	BRG (DEG)	PRED CONC (PPM)	CONC/LINK (PPM) A	B	C	D	E	F	G	H
1. SR1	163.	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2. SR2	199.	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
3. SR3	45.	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4. SR4	286.	5.5	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0

RECEPTOR	CONC/LINK (PPM) I	J	K	L	M	N	O	P
1. SR1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
2. SR2	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.1
3. SR3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
4. SR4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1

APPENDIX D

Health Risk Assessment

Health Risk Assessment Report for the Costco/Vineyard II Retail Development Project City of Murrieta, California

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APRIL 2020

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Acronyms and Abbreviations

Acronym/Abbreviation	Definition
AB	Assembly Bill
AERMOD	American Meteorological Society/Environmental Protection Agency Regulatory Model
ASF	age-sensitivity factor
CalEEMod	California Emissions Estimator Model
CAPCOA	California Air Pollution Control Officers Association
CARB	California Air Resources Board
CEQA	California Environmental Quality Act
DBR	daily breathing rate
DPM	diesel particulate matter
ELSI	Lake Elsinore
EIR	Environmental Impact Report
FAH	fraction of time at home
g/s	grams per second
HARP2	Hotspots Analysis and Reporting Program Version 2
HRA	health risk assessment
MM	mitigation measure
mph	miles per hour
NED	National Elevation Dataset
OEHHA	Office of Environmental Health Hazard Assessment
PM_{10}	particulate matter with a diameter less the 10 microns
REL	reference exposure level
SCAQMD	South Coast Air Quality Management District
SJVAPCD	San Joaquin Valley Air Pollution Control District
TAC	toxic air contaminant
TRU	Transport refrigeration unit
EPA	U.S. Environmental Protection Agency
X/Q	ground-level unity emission concentration
$\mu g/m^3$	microgram per cubic meter

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Summary

The purpose of this health risk assessment (HRA) is to determine the potential cancer risk and non-cancer health impacts to existing sensitive residential receptors in proximity to the proposed Costco/Vineyard II Retail Development Project (project) due to toxic air contaminant (TAC) emissions from construction and operation of the project.

Air dispersion modeling was conducted using the American Meteorological Society/ Environmental Protection Agency Regulatory Model (AERMOD) Version 19191 and the Hotspots Analysis and Reporting Program Version 2 (HARP2). The South Coast Air Quality Management District's (SCAQMD) Modeling Guidance for AERMOD (SCAQMD 2018a) and the Office of Environmental Health Hazard Assessment's (OEHHA) Air Toxics Hot Spots Program Risk Assessment Guidelines Guidance Manual for Preparation of Health Risk Assessments (2015 Risk Assessment Guidelines Manual) (OEHHA 2015) were used to prepare this HRA. For the residential health risk, the HRA assumes exposure from construction-generated TAC emissions would start in the 3rd trimester of pregnancy and occur 8 hours per day, 6 days per week, for 1.08 years. For the operational health risk, the HRA assumes exposure from operation-generated TAC emissions would start in the 3rd trimester of pregnancy and occur for 30 years.

This HRA finds that unmitigated project construction would result in potential chronic health risk at the maximally exposed residential receptor of 0.038, which is below the SCAQMD threshold of 1.0. Chronic health risk impacts would be less than significant. The unmitigated potential cancer risk at the maximally exposed residential receptor would be 36.20 in 1 million, which would exceed the SCAQMD threshold of 10 in 1 million. With implementation of mitigation, the potential cancer and chronic health risk estimates at the maximally exposed residential receptor would be reduced to 3.96 in 1 million and 0.004, respectively, which are below the SCAQMD thresholds. No short term, acute relative exposure values are established and regulated for diesel particulate matter (DPM) and are therefore not addressed in this assessment.

The HRA finds that unmitigated project operation emissions would result in a potential cancer risk at the maximally exposed residential receptor of 9.02 in 1 million, potential chronic health risk of 0.025, and potential acute health risk of 0.086.

The cumulative health risk was assessed for exposure from project construction and operation. The unmitigated construction and operational activities would result in a Residential Maximum Individual Cancer Risk of 41.18 in 1 million, which would exceed the significance threshold of 10 in 1 million. The mitigated construction and operational activities would result in a Residential Maximum Individual Cancer Risk of 8.94 in 1 million, which would be less than the significance threshold of 10 in 1 million.

Since the maximum cancer risk would exceed 1 in 1 million, the cancer burden (increase in cancer cases in the population) was also estimated at 0.016 persons, which would not exceed the SCAQMD threshold of 0.5. Risk impacts from project operation would be less than significant. The project would also result in less-than-significant cancer burden impacts.

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1 Introduction

1.1 Purpose

In support of the air quality assessment, the health risk assessment (HRA) modeling analysis was prepared to estimate health risk impacts to existing sensitive receptors from exposure to toxic air contaminant (TAC) emissions from construction and operation of the project. The analysis in this HRA uses air dispersion modeling and Hotspots Analysis and Reporting Program Version 2 (HARP2) to evaluate potential health risks associated with the project. Results of the modeling analysis are compared with the most recent California Environmental Quality Act (CEQA) significance thresholds established by the South Coast Air Quality Management District (SCAQMD). Per CEQA Guidelines, Appendix G (14 CCR 15000 et seq.), the HRA directly addresses question (c): Would the project expose sensitive receptors to substantial pollutant concentrations?

1.2 Project Description

The project would involve the development of a new retail development, which includes a Costco Wholesale warehouse and a gasoline dispensing facility, and the Vineyard II retail development consisting of a fitness center, a major retail pad, four smaller retail shops, one restaurant, one drive-through fast food restaurant, and associated parking on approximately 26 acres.

1.3 Sensitive Receptors

Some land uses are considered more sensitive to changes in air quality than others, depending on the population groups and the activities involved. People most likely to be affected by air pollution include children, the elderly, athletes, and people with cardiovascular and chronic respiratory diseases. Facilities and structures where these air pollution-sensitive people live or spend considerable amounts of time are known as sensitive receptors. Land uses where air-pollution-sensitive individuals are most likely to spend time include schools and schoolyards, parks and playgrounds, daycare centers, nursing homes, hospitals, and residential communities (sensitive sites or sensitive land uses) (California Air Resources Board (CARB) 2005). SCAQMD identifies sensitive receptors as residences, schools, playgrounds, childcare centers, long term healthcare facilities, rehabilitation centers, convalescent centers, and retirement homes (SCAQMD 1993). The closest off-site sensitive receptors to the project site include residences located approximately 30 feet east of the project site boundary and Vista Murrieta High School is located approximately 320 feet southeast of the project property boundary.

1.4 Toxic Air Contaminants

A substance is considered toxic if it has the potential to cause adverse health effects in humans, including increasing the risk of cancer upon exposure, or acute (short term) and/or chronic (long term) non-cancer health effects. A toxic substance released into the air is considered a TAC. Examples include certain aromatic and chlorinated hydrocarbons, diesel particulate matter (DPM), certain metals, and asbestos. TACs are generated by a number of sources, including stationary sources such as dry cleaners, gas stations, combustion sources, and laboratories; mobile sources such as automobiles; and area sources such as landfills. Adverse health effects associated with exposure to TACs may include carcinogenic (i.e., cancer-causing) and non-carcinogenic effects.

Non-carcinogenic effects typically affect one or more target organ system and may be experienced either by acute or chronic exposure to a given TAC.

California's air toxics control program began in 1983 with the passage of the Toxic Air Contaminant Identification and Control Act, Assembly Bill (AB) 1807, better known as the Tanner Bill. The Tanner Bill established a regulatory process for the scientific and public review of individual toxic compounds. When a compound becomes listed as a TAC under the Tanner process, CARB normally establishes minimum statewide emission-control measures to be adopted by air quality management districts and air pollution control districts. By 1992, 18 of the 189 federal hazardous air pollutants had been listed by the CARB as state TACs. In April 1993, CARB added 171 substances to the state program to make the state TAC list equivalent to the federal list of hazardous air pollutants. In 1998, CARB designated diesel engine exhaust particulate matter (DPM) as a TAC (CARB 1998). The exhaust from diesel engines is a complex mixture of gases, vapors, and particles, many of which are known human carcinogens. DPM has established cancer risk factors and relative exposure values for long term chronic health hazard impacts. No short-term, acute relative exposure values are established for DPM and it is therefore not addressed in this construction-generated assessment.

The second major component of California's air toxics program, supplementing the Tanner process, was provided by the passage of AB 2588, the Air Toxics "Hot Spots" Information and Assessment Act of 1987. AB 2588 currently regulates over 600 compounds, including all of the Tanner-designated TACs.

Additionally, Proposition 65, passed by California voters in 1986, required that a list of carcinogenic and reproductive toxicants found in the environment be compiled, the discharge of these toxicants into drinking water be prohibited, and warnings of public exposure by air, land, or water be posted if a significant adverse public health risk is posed. The emission of any of listed substances by a facility would require a public warning unless health risks could be demonstrated to be less than significant.

In 2000, CARB approved a comprehensive Diesel Risk Reduction Plan to reduce diesel emissions from both new and existing diesel-fueled vehicles and engines. The regulation is anticipated to result in an 80% decrease in statewide diesel health risk in 2020 compared with the diesel risk in 2000. Additional regulations apply to new trucks and diesel fuel, including the On-Road Heavy Duty Diesel Vehicle (In-Use) Regulation, On-Road Heavy Duty (New) Vehicle Program, In-Use Off-Road Diesel Vehicle Regulation, and New Off-Road Compression-Ignition (Diesel) Engines and Equipment program. These regulations and programs have timetables by which manufacturers must comply and existing operators must upgrade their diesel powered equipment. Several Airborne Toxic Control Measures reduce diesel emissions, including In-Use Off-Road Diesel-Fueled Fleets (13 CCR 2449 et seq.) and In-Use On-Road Diesel-Fueled Vehicles (13 CCR 2025).

1.5 Cancer Risk

Cancer risk is defined as the increase in lifetime probability (chance) of an individual developing cancer due to exposure to a carcinogenic compound, typically expressed as the increased probability in 1 million. The cancer risk from inhalation of a TAC is estimated by calculating the inhalation (and if applicable, ingestion and dermal) dose in units of milligrams per kilogram body weight per day based on an ambient concentration in units of micrograms per cubic meter ($\mu g/m^3$), breathing rate, and exposure period and multiplying the dose by the inhalation cancer potency factor, expressed as $(milligrams/kilogram\ body\ weight\ per\ day)^{-1}$. Cancer risks are typically calculated for all carcinogenic TACs and summed to calculate the overall increase in cancer risk to an individual. The calculation procedure assumes that cancer risk is proportional to concentrations at any level of

exposure and that risks due to different carcinogens are additive. This approach is generally considered a conservative assumption at low doses and is consistent with the current Office of Environmental Health Hazard Assessment (OEHHA) regulatory approach. Exposure to carcinogenic TACs does not imply that the exposed individual would contract cancer; rather, the cancer risk is a probability of developing cancer if other factors (e.g., heredity, exposure to environmental or workplace risks that compromise the immune system, overall health) would result in an increased susceptibility to developing cancer.

1.6 Acute and Chronic Non-Cancer Health Impacts

The non-cancer health impact of an inhaled TAC is measured by the hazard quotient, which is the ratio of the ambient concentration of a TAC in units of $\mu g/m^3$ divided by the reference exposure level (REL), also in units of $\mu g/m^3$. The REL is the concentration at or below which no adverse health effects are anticipated. The REL is typically based on health effects on a particular target organ system, such as the respiratory system, liver, or central nervous system. Hazard quotients of individual TACs are then summed for each target organ system to obtain a hazard index.

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2 Guidance and Thresholds

2.1 Office of Environmental Health Hazard Assessment's Guidance

OEHHA's most recent guidance is the 2015 Risk Assessment Guidelines Manual (OEHHA 2015), which was adopted in 2015 to replace the 2003 HRA Guidance Manual. The Children's Environmental Health Protection Act of 1999 (Senate Bill 25), which requires explicit consideration of infants and children in assessing risks from air toxics, requires revisions of the methods for both non-cancer and cancer risk assessment and of the exposure assumptions in the 2003 HRA Guidance Manual. In response to Senate Bill 25, OEHHA released three technical support documents addressing RELs (OEHHA 2008), cancer potency (OEHHA 2009), and exposure assessment and stochastic analysis (OEHHA 2012) and adopted the 2015 Risk Assessment Guidelines Manual (OEHHA 2015). The technical support document for RELs and continuing work to re-evaluate TACs to ensure adequate protection for infants and children has led to revisions of RELs for approximately 10 chemicals and chemical families. The basic methodology for evaluating acute and chronic health effects using the RELs otherwise remained the same as in the previous guidance manual. Moreover, RELs are designed to protect the most sensitive individuals in the population, including infants and children, by selecting appropriate toxicological data and including margins of safety. Accordingly, the evaluation methods are assumed to protect children and other sensitive subpopulations (groups of more highly susceptible individuals) from adverse health effects in the event of exposure (OEHHA 2008).

The cancer risk methodology described in the exposure assessment and stochastic analysis technical support document and the 2015 Risk Assessment Guidelines Manual accounts for the higher sensitivity of infants and children by applying age-specific daily breathing rates (DBRs) and age-sensitivity factors (ASFs). According to the technical support document, "accounting for effects of early-in life exposure requires accounting for both the increased potency of early in life exposure to carcinogens and the greater exposure on a per [kilogram] body weight that occurs early in life due to behavioral and physiological differences between infants and children, and adults" (OEHHA 2012). In the absence of chemical-specific data, OEHHA recommends a default ASF of 10 for the third trimester to age 2 years and an ASF of 3 for ages 2 through 15 years to account for potential increased sensitivity to carcinogens during childhood (OEHHA 2015). The ASF for adults is 1. In addition to the ASFs, children have higher DBRs per unit of body weight than adults. The OEHHA guidance manual considers the age-specific breathing rates in the cancer risk calculations.

In addition, OEHHA and CARB evaluated information from activity patterns databases to estimate the fraction of time at home (FAH) during the day. From the third trimester to age <2 years, 85% of time is spent at home. From age 2 through <16 years, 72% of time is spent at home. From age 16 years and greater, 73% of time is spent at home. However, for facilities with any school within the 1 in a million or greater isopleth, the OEHHA recommends using an FAH of 100% for children under 16 years old (OEHHA 2015). Cancer risk parameters, such as ASFs, DBRs, exposure period, FAH, and cancer potency factors were based on the values and data recommended by OEHHA as implemented in HARP2.

2.2 South Coast Air Quality Management District Guidance

SCAQMD's Modeling Guidance for American Meteorological Society/ Environmental Protection Agency Regulatory Model (AERMOD) (SCAQMD 2018a) and Health Risk Assessment Guidance for Analyzing Cancer Risks from Mobile Source Diesel Idling Emissions for CEQA Air Quality Analysis (SCAQMD 2003) provides guidance to perform dispersion modeling for use in HRAs within the South Coast Air Basin. SCAQMD's current thresholds of significance for TAC emissions are presented in Table 1.

Table 1. SCAQMD CEQA TAC Emissions Thresholds

	Non-carcinogens
Carcinogens	*Acute or Chronic*
Maximally exposed individual risk equals or exceeds 10 in 1 million	Hazard Index equals or exceeds 1.0 for the maximally exposed individual

Source: SCAQMD 2015.
Notes: CEQA = California Environmental Quality Act; SCAQMD = South Coast Air Quality Management District; TAC = toxic air contaminant.

In addition to cancer and non-cancer risk thresholds, if the cancer risk at the maximally exposed individual risk exceeds 1 in a million, the SCAQMD also requires the evaluation of cancer burden (increase in cancer cases in the population), to be compared to the threshold of 0.5 (SCAQMD 2017).

3 Modeling Methodology

3.1 Emission Calculation

Construction Emissions Calculations

Emissions from the construction phase of the project were estimated using the California Emissions Estimator Model (CalEEMod) Version 2016.3.2. Construction scenario assumptions, including phasing, equipment mix, and vehicle trips, were based on information provided by the applicant and CalEEMod default values. All assumptions pertaining to construction emissions, including phasing, equipment, and vehicle trips, are based on Section 4.2 (Air Quality) of the Environmental Impact Report (EIR). Complete detailed construction assumptions are included in Appendix A and are summarized below.

The project would involve construction of a 153,362-square-foot Costco warehouse, a 32-pump gasoline dispensing facility, a 37,000-square-foot fitness center, a 31,400-square-foot retail area, and a 3,600-square-foot fast food restaurant with drive-through. For the purposes of modeling, it was assumed that construction of the project would commence in September 2020 and would last approximately 13 months, ending in November 2021. Construction would occur 5 days per week for all construction phases for Vineyard II and the Costco grading phase, and construction would occur 6 days per week for the remaining Costco construction phases. The analysis contained herein is based on the following assumptions (duration of phases is approximate), as shown in Table 2.

Table 2. Construction Phasing Assumptions

Project Construction Phase	Start Date	End Date	Duration (days)
Costco			
Site Preparation	9/28/2020	11/16/2020	43
Grading	9/28/2020	4/5/2021	136
Building Construction	11/30/2020	3/15/2021	91
Paving	1/11/2021	2/1/2021	19
Architectural Coating	1/25/2021	3/8/2021	37
Vineyard II			
Site Preparation	11/23/2020	12/4/2020	10
Phase I Fine Grading and Trenching	11/23/2020	2/19/2021	65
Phase I Building Construction	1/1/2021	6/2/2021	109
Phase I Paving	4/1/2021	5/12/2021	30
Phase I Architectural Coating	4/20/2021	5/17/2021	20
Phase II Precise Grading and Footing Trenching	5/16/2021	11/15/2021	131
Phase II Building Construction	7/1/2021	10/29/2021	87
Phase II Architectural Coating	8/1/2021	9/10/2021	30
Phase II Paving	9/1/2021	9/28/2021	20
Warm Springs Parkway			
Grading	9/28/2020	12/25/2020	65
Paving	12/1/2020	12/30/2020	22

Source: See Appendix A for complete results.

For the HRA, we are concerned with DPM emitted from exhaust from on-site construction equipment and diesel vehicles. The exhaust from diesel engines is a complex mixture of gases, vapors, and particles, many of which are known human carcinogens. DPM has established cancer risk factors and relative exposure values for long-term chronic health hazard impacts. No short-term, acute relative exposure level has been established for DPM; therefore, acute impacts of DPM are not addressed in this assessment. Notably, to include only on-site emissions from diesel haul and vendor trucks, they were conservatively assumed to operate for 0.19 miles on site (1,000 feet).

The rock-crushing equipment would be powered by a 350 horsepower (hp), 156 hp, 325 hp, and 85 hp diesel-engine generators. The diesel-engine generators would operate up to 8 hours per day for 60 days. For the HRA, we are concerned with DPM emitted from exhaust from the diesel-engine generators, construction equipment, and heavy-duty vehicles.

Operational Emissions Calculations

Operational year 2021 was assumed consistent with completion of project construction. Emissions from the operation of the project include project fuel delivery truck trips, transport refrigeration unit (TRU) emissions, and the Costco gasoline dispensing facility. For risk assessment purposes, PM_{10} in diesel exhaust is considered DPM, originating mainly from fuel delivery truck traveling on site and off site, and truck idling and TRU emissions in the loading areas. The fuel delivery truck traffic were modeled for one-way trip distances traveling to and from the project site to estimate emissions at proximate receptors. Delivery truck travel and idling emission rates were obtained from CARB's EMFAC 2017, and TRU emission rates were obtained from OFFROAD 2017. In addition to the truck traffic, idling, and TRU emissions, the Costco gasoline dispensing facility would generate potential TAC emissions.

CARB's Air Quality and Land Use Handbook: A Community Health Perspective (CARB Handbook) encourages consideration of the health impacts of distribution centers that accommodates more than 100 trucks per day on sensitive receptors sited within 1,000 feet from the source in the land use decision-making process (CARB 2005). Furthermore, CARB encourages consideration of the health impacts of large gasoline dispensing facilities (with a throughput of 3.6 million gallons per year or greater) on sensitive receptors sited within 300 feet or a 50 foot separation for typical gasoline dispensing facilities (CARB 2005). The Costco gasoline dispensing facility proposed maximum annual throughput is 26 million gallons of gasoline per year and is considered a large gasoline dispensing facility.

The gasoline dispensing facility would be equipped with Phase I and Phase II controls in compliance with CARB and SCAQMD requirements for installing a vapor recovery system to collect gasoline vapors during fuel delivery or fuel storage and vehicle fueling. Both Phase I and Phase II control are considered to be 90% efficient in reducing volatile organic compound emissions. Emission rates from gasoline dispensing facility were used as recommended by SCAQMD (SCAQMD 2017).

Emission factors representing the vehicle mix and emissions for 2021 were used to estimate emissions associated with full buildout of the project. Delivery trucks traveling on Clinton Keith Road would travel at 40 miles per hour (mph) and the delivery trucks on the project site would travel at 15 mph.

Project delivery truck idling would be limited to 5 minutes in accordance with CARB's adopted Airborne Toxic Control Measure; however, for modeling purposes, it was conservatively assumed that the delivery trucks would idle for 15 minutes at the loading dock and prior to exiting the project site. TRUs are designed to maintain the temperature inside delivery truck trailers. Electric plug-ins are available at the loading dock; therefore, each TRU was assumed to operate for 30 minutes per visit. Based on data from the applicant, Costco would generate 10 truck delivery trips per day, 5 of

which would be equipped with TRUs; Vineyard II would generate 8 truck delivery trips per week, 3 of which would be equipped with TRUs; and the Costco gas station would generate 9 truck delivery trips per day. Deliveries would occur 7 days per week. The use of forklifts in the loading dock areas would be fueled with compressed natural gas.

Unmitigated Construction Emissions

Table 3 presents the estimated unmitigated annual construction exhaust PM_{10} emissions, a surrogate for DPM, generated during construction of the project.

Table 3. Unmitigated Project Annual On-Site Construction Emissions – Exhaust Only

Source	PM_{10}	
	Pounds per Year	*Pounds per Hour*
Off-Road Equipment	1,062.24	0.40
On-Site Truck Trips	1.06	<0.01

Source: See Appendix A for complete results.
Notes: PM_{10} = coarse particulate matter; <0.01 = emission reported is less than 0.01.
Annual pounds per year emissions is the total from all years of construction, and the hourly emissions is based on the construction schedule of 8 hours per day and 13 months of total construction.

The rock-crushing equipment would be powered by 350 hp, 156 hp, 325 hp, and 85 hp diesel-engine generators. Table 4 presents the estimated unmitigated annual exhaust PM_{10} emissions, a surrogate for DPM, generated by the diesel-engine generators.

Table 4. Unmitigated Project Annual Diesel-Engine Generators Emissions – Exhaust Only

Diesel-Engine Generator	PM_{10}	
	Tons per year	*Pounds per year*
350 horsepower	0.008	16.00
156 horsepower	0.007	14.00
325 horsepower	0.008	16.00
85 horsepower	0.008	16.00

Source: See Appendix A for complete results.
Notes: PM_{10} = coarse particulate matter

As shown in Section 4, HRA Results, the results of the HRA using the default construction emission factors in CalEEMod result in a potentially significant impact. As such, the following mitigation is included to reduce DPM emissions from construction equipment.

Mitigation Measures

MM-AQ-1: To reduce the potential for criteria air pollutants, specifically particulate matter (PM) and oxides of nitrogen (NO_x), as a result of construction of the project, the applicant shall:

Prior to the start of construction activities, the project applicant, or its designee, shall ensure that all 75 horsepower or greater diesel-powered equipment are powered with California Air Resources Board (CARB)-certified Tier 4 Final engines, except where the project applicant establishes to the satisfaction of the City of Murrieta (City) that Tier 4 Final equipment is not available.

An exemption from these requirements may be granted by the City in the event that the City is provided sufficient evidence that equipment with the required tier is not reasonably available and corresponding reductions in criteria air pollutant emissions are achieved from other construction equipment. Before an exemption may be considered by the City, the applicant shall: (1) be required to demonstrate that two construction fleet owners/operators in Riverside County were contacted and that those owners/operators confirmed Tier 4 Final equipment could not be located within Riverside County; and (2) the proposed replacement equipment has been evaluated using the California Emissions Estimator Model or other industry standard emission estimation method and documentation provided to the City to confirm the project-generated emissions do not exceed applicable South Coast Air Quality Management District mass daily thresholds of significance and localized significance thresholds.

Mitigated Construction Emissions

The project emissions incorporating the tiered equipment as outlined in **Mitigation Measure (MM) AQ-1** are shown in Table 5.

Table 5. Mitigated Project Annual On-Site Construction Emissions – Exhaust Only

Source	PM_{10}	
	Pounds per Year	*Pounds per Hour*
Off-Road Equipment	99.78	0.04
On-Site Truck Trips	1.06	<0.01

Source: See Appendix A for complete results.
Notes: PM_{10} = coarse particulate matter; <0.01 = emission reported is less than 0.01.
Annual pounds per year emissions is the total from all years of construction, and the hourly emissions is based on the construction schedule of 8 hours per day and 13 months of total construction. Mitigated construction emissions include implementation of **MM-AQ-1**.

Unmitigated Operational Emissions

Table 6 presents the estimated unmitigated DPM annual and hourly operational emissions from delivery truck trips, truck idling, TRU idling, and the Costco gasoline dispensing facility.

Table 7 presents the estimated unmitigated speciated TACs associated with annual and hourly total organic gas emissions from on-site and off-site gasoline light-duty truck and vehicle travel.

Table 6. Unmitigated Project Operational DPM and Gas Station TAC Emissions

AERMOD Source ID	Description	Exhaust PM_{10}		Benzene		Ethylbenzene		Naphthalene	
		Pounds per Year	*Pounds per Hour*	*Pounds per Year*	*Pounds per Hour*	*Pounds per Year*	*Pounds per Hour*	*Pounds per Year*	*Pounds per Hour*
Refueling	Island Refueling	—	—	37.96	6.50E-03	8.89	1.52E-03	3.33E-02	5.70E-06
Spillage	Island Spillage	—	—	44.20	7.57E-03	80.60	1.38E-02	1.09E+01	1.86E-03
Hose	Hose Permeation	—	—	1.07	1.83E-04	0.25	4.29E-05	9.36E-04	1.60E-07
Loading	Vent Loading	—	—	17.76	2.03E-03	4.19	4.78E-04	1.56E-02	1.78E-06
Breathing	Vent Breathing	—	—	2.83	3.24E-04	0.67	7.63E-05	2.50E-03	2.85E-07
Idling1	Costco Truck Idling (15 minutes)	0.005	1.40E-05	—	—	—	—	—	—
Idling2	Costco Fuel Truck Idling (15 minutes)	0.005	1.26E-05	—	—	—	—	—	—
Idling3	Building J Major Retail (15 minutes)	0.000	5.60E-06	—	—	—	—	—	—
Idling4	I-2 Idling (15 minutes)	0.000	1.40E-06	—	—	—	—	—	—
Idling5	Fast Food Idling (15 minutes)	0.000	2.80E-06	—	—	—	—	—	—
Idling6	Shops L Idling (15 minutes)	0.000	1.40E-06	—	—	—	—	—	—
Idling1/TRU	Costco TRU Idling (30 minutes)	0.001	1.37E-06	—	—	—	—	—	—
Idling 5/TRU	Fast Food TRU Idling (30 minutes)	0.000	5.49E-07	—	—	—	—	—	—
Idling 6/TRU	Shops L TRU Idling (30 minutes)	0.000	2.74E-07	—	—	—	—	—	—
CIDLING1	Car Gas Station Idling (10 minutes)	0.171	4.10E-05	—	—	—	—	—	—
GAST1	Costco Gas Station Truck Traveling On Site (15 mph)	0.028	7.71E-05	—	—	—	—	—	—
GAST2	Costco Gas Station Truck Traveling On Site (15 mph)	0.040	1.11E-04	—	—	—	—	—	—
COSTCOT1	Costco Truck Traveling On Site (15 mph)	0.074	2.02E-04	—	—	—	—	—	—
VINET1	Vineyard II Truck Traveling On Site (15 mph)	0.017	3.30E-04	—	—	—	—	—	—
ALLT1	Truck Traveling On Site (40 mph)	0.155	5.69E-04	—	—	—	—	—	—
ALLT2	Truck Traveling Off Site (40 mph)	0.399	1.46E-03	—	—	—	—	—	—
ALLT3	Truck Traveling Off Site (40 mph)	0.294	1.08E-03	—	—	—	—	—	—
ALLT4	Freeway NB Truck Travel (55 mph)	0.069	2.52E-04	—	—	—	—	—	—
ALLT5	Freeway SB Truck Travel (55 mph)	0.069	2.52E-04	—	—	—	—	—	—

Source: See Appendix A for complete results.
Notes: DPM = diesel particulate matter; TAC = toxic air contaminant; PM_{10} = coarse particulate matter; TRU = transport refrigeration unit; NB = northbound; SB = southbound.

Table 7. Unmitigated Project Non-Truck Operational DPM and TOG Speciated Emissions

Source ID		CIDLING1		COSTCOC1		VINEC1		ALLC1		ALLC2		ALLC3		ALLC4	
Description		*Car Gas Station Idling*		*Costco Car Traveling On Site (15 mph)*		*Vineyard II Car Traveling On Site (15 mph)*		*Car Traveling Off Site (40 mph)*		*Car Traveling Off Site (40 mph)*		*Freeway SB Car Travel (55 and 65 mph)*		*Freeway NB Car Travel (55 and 65 mph)*	
Toxic Speciation of TOG from Tailpipe Emissions															
Toxic Compound	*EMFAC Gasoline TOG Speciation*	*Emissions (lb/year)*	*Emissions (lb/hr)*	*Emissions (lb/year)*	*Emissions (lb/hr)*	*Emissions (lb/year)*	*Emissions (lb/hr)*	*Emissions (lb/year)*	*Emissions (lb/hr)*	*Emissions (lb/year)*	*Emissions (lb/hr)*	*Emissions (lb/year)*	*Emissions (lb/hr)*	*Emissions (lb/year)*	*Emissions (lb/hr)*
DPM	N/A	1.71E-01	4.10E-05	7.25E+00	1.99E-02	2.39E+00	6.56E-03	1.57E+00	4.31E-03	8.28E-01	2.27E-03	3.83E+00	1.05E-02	7.67E+00	2.10E-02
Acetaldehyde	0.28%	1.06E-02	2.53E-06	2.35E+00	6.44E-03	7.76E-01	2.13E-03	4.92E-01	1.35E-03	2.59E-01	7.09E-04	3.16E-01	8.66E-04	6.34E-01	1.74E-03
Acrolein	0.13%	4.90E-03	1.18E-06	1.09E+00	2.99E-03	3.60E-01	9.87E-04	2.28E-01	6.26E-04	1.20E-01	3.29E-04	1.47E-01	4.02E-04	2.94E-01	8.06E-04
Benzene	2.47%	9.32E-02	2.23E-05	2.07E+01	5.68E-02	6.84E+00	1.88E-02	4.34E+00	1.19E-02	2.28E+00	6.26E-03	2.79E+00	7.64E-03	5.59E+00	1.53E-02
1,3-Butadiene	0.55%	2.07E-02	4.98E-06	4.62E+00	1.27E-02	1.52E+00	4.18E-03	9.66E-01	2.65E-03	5.08E-01	1.39E-03	6.21E-01	1.70E-03	1.25E+00	3.41E-03
Ethylbenzene	1.05%	3.96E-02	9.50E-06	8.82E+00	2.42E-02	2.91E+00	7.97E-03	1.84E+00	5.05E-03	9.71E-01	2.66E-03	1.19E+00	3.25E-03	2.38E+00	6.51E-03
Formaldehyde	1.58%	5.96E-02	1.43E-05	1.33E+01	3.63E-02	4.38E+00	1.20E-02	2.78E+00	7.60E-03	1.46E+00	4.00E-03	1.78E+00	4.89E-03	3.58E+00	9.80E-03
Hexane	1.60%	6.04E-02	1.45E-05	1.34E+01	3.68E-02	4.43E+00	1.21E-02	2.81E+00	7.70E-03	1.48E+00	4.05E-03	1.81E+00	4.95E-03	3.62E+00	9.93E-03
Methanol	0.12%	4.53E-03	1.09E-06	1.01E+00	2.76E-03	3.33E-01	9.11E-04	2.11E-01	5.77E-04	1.11E-01	3.04E-04	1.36E-01	3.71E-04	2.72E-01	7.44E-04
Methyl Ethyl Keton	0.02%	7.54E-04	1.81E-07	1.68E-01	4.60E-04	5.54E-02	1.52E-04	3.51E-02	9.62E-05	1.85E-02	5.07E-05	2.26E-02	6.19E-05	4.53E-02	1.24E-04
Naphthalene	0.05%	1.89E-03	4.52E-07	4.20E-01	1.15E-03	1.39E-01	3.80E-04	8.78E-02	2.41E-04	4.62E-02	1.27E-04	5.65E-02	1.55E-04	1.13E-01	3.10E-04
Propylene	3.06%	1.15E-01	2.77E-05	2.57E+01	7.04E-02	8.48E+00	2.32E-02	5.38E+00	1.47E-02	2.83E+00	7.75E-03	3.46E+00	9.47E-03	6.93E+00	1.90E-02
Styrene	0.12%	4.53E-03	1.09E-06	1.01E+00	2.76E-03	3.33E-01	9.11E-04	2.11E-01	5.77E-04	1.11E-01	3.04E-04	1.36E-01	3.71E-04	2.72E-01	7.44E-04
Toluene	5.76%	2.17E-01	5.21E-05	4.84E+01	1.32E-01	1.60E+01	4.37E-02	1.01E+01	2.77E-02	5.32E+00	1.46E-02	6.51E+00	1.78E-02	1.30E+01	3.57E-02
Xylenes	4.80%	1.81E-01	4.34E-05	4.03E+01	1.10E-01	1.33E+01	3.64E-02	8.43E+00	2.31E-02	4.44E+00	1.22E-02	5.42E+00	1.49E-02	1.09E+01	2.98E-02
TOG due to Evaporative Losses															
Toxic Compound	*EMFAC Gasoline TOG Speciation*	*Emissions (lb/year)*	*Emissions (lb/hr)*	*Emissions (lb/year)*	*Emissions (lb/hr)*	*Emissions (lb/year)*	*Emissions (lb/hr)*	*Emissions (lb/year)*	*Emissions (lb/hr)*	*Emissions (lb/year)*	*Emissions (lb/hr)*	*Emissions (lb/year)*	*Emissions (lb/hr)*	*Emissions (lb/year)*	*Emissions (lb/hr)*
Benzene	0.36%	1.36E-02	3.26E-06	3.02E+00	8.28E-03	9.98E-01	2.73E-03	6.32E-01	1.73E-03	3.33E-01	9.12E-04	4.07E-01	1.11E-03	8.15E-01	2.23E-03
Ethylbenzene	0.12%	4.53E-03	1.09E-06	1.01E+00	2.76E-03	3.33E-01	9.11E-04	2.11E-01	5.77E-04	1.11E-01	3.04E-04	1.36E-01	3.71E-04	2.72E-01	7.44E-04
Hexane	1.54%	5.81E-02	1.39E-05	1.29E+01	3.54E-02	4.27E+00	1.17E-02	2.71E+00	7.41E-03	1.42E+00	3.90E-03	1.74E+00	4.76E-03	3.49E+00	9.55E-03
Toluene	1.70%	6.41E-02	1.54E-05	1.43E+01	3.91E-02	4.71E+00	1.29E-02	2.99E+00	8.18E-03	1.57E+00	4.31E-03	1.92E+00	5.26E-03	3.85E+00	1.05E-02
Xylenes	0.58%	2.19E-02	5.25E-06	4.87E+00	1.33E-02	1.61E+00	4.40E-03	1.02E+00	2.79E-03	5.36E-01	1.47E-03	6.55E-01	1.79E-03	1.31E+00	3.60E-03

Source: See Appendix A for complete results. BAAQMD 2012a.
Notes: DPM = diesel particulate matter; TOG = total organic gases; lb/hr= pounds per hour; lb/year = pounds per year; SB = southbound; NB = northbound; N/A = not applicable.

3.2 Dispersion Model

Air dispersion models calculate the atmospheric transport and fate of pollutants from the emission source. The models calculate the concentration of selected pollutants at specific downwind ground-level points, such as residential or school receptors. The transformation (fate) of an airborne pollutant, its movement with the prevailing winds (transport), its crosswind and vertical movement due to atmospheric turbulence (dispersion), and its removal due to dry and wet deposition are influenced by the pollutant's physical and chemical properties and by meteorological and environmental conditions. Factors such as distance from the source to the receptor, meteorological conditions, intervening land use and terrain, pollutant release characteristics, and background pollutant concentrations affect the predicted air concentration of an air pollutant. Air dispersion models have the capability to take all of these factors into consideration when calculating downwind ground-level pollutant concentrations.

A dispersion modeling analysis of DPM emitted from project construction diesel vehicles and off-road equipment was conducted on the areas surrounding the project site for the HRA. Furthermore, the TAC emissions from the gasoline dispensing facility, on-site and off-site truck travel and idling, TRU idling, and on-site and off-site light-duty truck and passenger vehicle travel and idling were conducted on the project site for the HRA. The dispersion modeling was performed using AERMOD Version 19191, which is the model the United States Environmental Protection Agency (EPA) approved and SCAQMD recommends for atmospheric dispersion of emissions. AERMOD is a steady-state Gaussian plume model that incorporates air dispersion based on planetary boundary layer turbulence structure and scaling concepts, including treatment of surface and elevated sources, building downwash, and simple and complex terrain. Principal parameters of AERMOD for the project modeling included the following:

- **Dispersion Model:** The air dispersion model used was AERMOD Version 19191, with the Lakes Environmental Software implementation/user interface, AERMOD View Version 9.8.3. A unit emission rate of 1.0 gram per second (g/s) was applied to each source (i.e., generators, truck idling, and gasoline dispensing operations). Furthermore, a unit emission rate was normalized over the line of adjacent volume sources (i.e., construction equipment and off-site and on-site truck travel) for the AERMOD run to obtain the "X/Q" values. X/Q is a dispersion factor that is the average effluent concentration normalized by source strength, and is used as a way to simplify the representation of emissions from many sources. The maximum concentrations were determined for the 1-hour and Period averaging periods.
- **Meteorological Data:** The latest 5-year meteorological data for the Lake Elsinore (ELSI) station (Station ID 3171) from SCAQMD were downloaded (SCAQMD 2018b), and then input to AERMOD. For cancer and chronic non-cancer risk assessments, the average cancer and chronic non-cancer risk of all years modeled was used. A wind rose is provided for this station on Figure 1.
- **Urban and Rural Options:** Typically, urban areas have more surface roughness and structures and low-albedo surfaces that absorb more sunlight, and thus, more heat, relative to rural areas. According to SCAQMD guidelines, the urban dispersion option was selected and the Riverside County population for year 2010 (2,189,641 persons) was input into AERMOD (SCAQMD 2018a).
- **Terrain Characteristics:** Digital elevation model files were imported into AERMOD so that complex terrain features were evaluated as appropriate. Per SCAQMD guidance, the National Elevation Dataset (NED) dataset with resolution of 1/3 arc-second was used (SCAQMD 2018a).
- **Sensitive Receptors:** This HRA evaluates the risk to existing residential receptor located in proximity to the project. A uniform 2-kilometer by 2-kilometer Cartesian grid with 50-meter spacing was centered over the project site and converted into discrete receptors to represent proximate sensitive receptors.

- **Source Release Construction Scenario:** Air dispersion modeling of DPM emissions was conducted assuming the equipment would operate in accordance with the modeling scenario estimated in CalEEMod (Appendix A). The construction equipment DPM emissions were modeled as a line of adjacent volume sources across the project site to represent project construction with a release height of 5 meters, plume height of 2.33 meters, and plume width of 11.63 meters (EPA 2004; SCAQMD 2008). On-site truck travel was modeled as lines of adjacent volume sources, and, based on EPA methodology, the modeled sources would result in a release height of 3.4 meters, a plume height of 3.16 meters, and a plume width of 3.12 meters (EPA 2015). The 350 hp and 325 hp diesel-engine generators were modeled as a point source with a stack height of 8.2 feet, inside stack diameter of 5.3 inches, stack temperature of 931°F, and exhaust flow rate of 1,829 standard cubic feet per minute. The 156 hp diesel-engine generator was modeled as a point source with a stack height of 7.4 feet, inside stack diameter of 4.1 inches, stack temperature of 899°F, and exhaust flow rate of 779 standard cubic feet per minute. The 85 hp diesel-engine generator was modeled as a point source with a stack height of 7.1 feet, inside stack diameter of 4.6 inches, stack temperature of 992°F, and exhaust flow rate of 468 standard cubic feet per minute (SBCAPCD 2019).
- **Source Release Operational Scenario:** Off-site and on-site truck travel was modeled as lines of adjacent volume sources, and based on EPA methodology, the modeled sources would result in a release height of 3.4 meters, a plume height of 3.16 meters, and a plume width of 3.12 meters (EPA 2015). Costco on-site truck idling at loading docks was modeled as a 15.24-meter volume source with a release height of 4 meters, an initial lateral dimension of 3.54 meters, and an initial vertical dimension of 0.93 meters. Truck idling emissions for all other buildings were modeled as point sources with 4 meters exhaust height and 0.1 meters exhaust diameter (EPA 2015; SCAQMD 2003; SJVAPCD 2006). TRU idling emissions were modeled as point sources with 4-meter exhaust height and 0.04 meters exhaust diameter (SJVAPCD 2006). Light-duty trucks and passenger-vehicle travel was modeled as a line of adjacent volume sources with a release height of 2 meters (BAAQMD 2012b), an initial lateral dimension of 1.13 meters, and an initial vertical dimension of 1.56 meters (AASHTO 2011). The refueling, spillage, and hose permeation emissions were modeled as volume sources with horizontal dimensions of 13 meters by 13 meters to correspond to the dimensions of the pump islands and vertical dimensions of 5 meters to correspond to the height of the canopy. For refueling and hose permeation, the release heights were modeled with 1 meter to approximate the height of a vehicle fuel tank inlet, and spillage emissions were assumed to be released at ground level. Loading and breathing emissions were modeled as a point source with a height and diameter of 3.66 meters and 0.05 meters, respectively (SCAQMD 2017). The loading stack temperature was modeled at 65°F and exit velocity at 0.009214 meters per second, and the breathing stack temperature was modeled at 60°F and exit velocity at 0.002740 meters per second (CAPCOA 1997). Light-duty trucks and passenger vehicles idling at the gas station were modeled as a 12.19-meter volume source with a release height of 2 meters (BAAQMD 2012b), an initial lateral dimension of 2.83 meters, and an initial vertical dimension of 0.93 meters. The proposed project buildings were modeled to account for building downwash.

3.3 Health Risk Assessment Methodology

Construction Health Risk Assessment

In March 2015, the OEHHA approved the 2015 Risk Assessment Guidelines Manual (OEHHA 2015). The HRA prepared for the CEQA document followed SCAQMD policies in conjunction with the 2015 Risk Assessment Guidelines Manual. Cancer and non-cancer health risk calculations were performed for the project using ground-level unity emission concentration (X/Q) input from AERMOD. Based on the construction schedule of 8 hours per day, 6 days per week, the

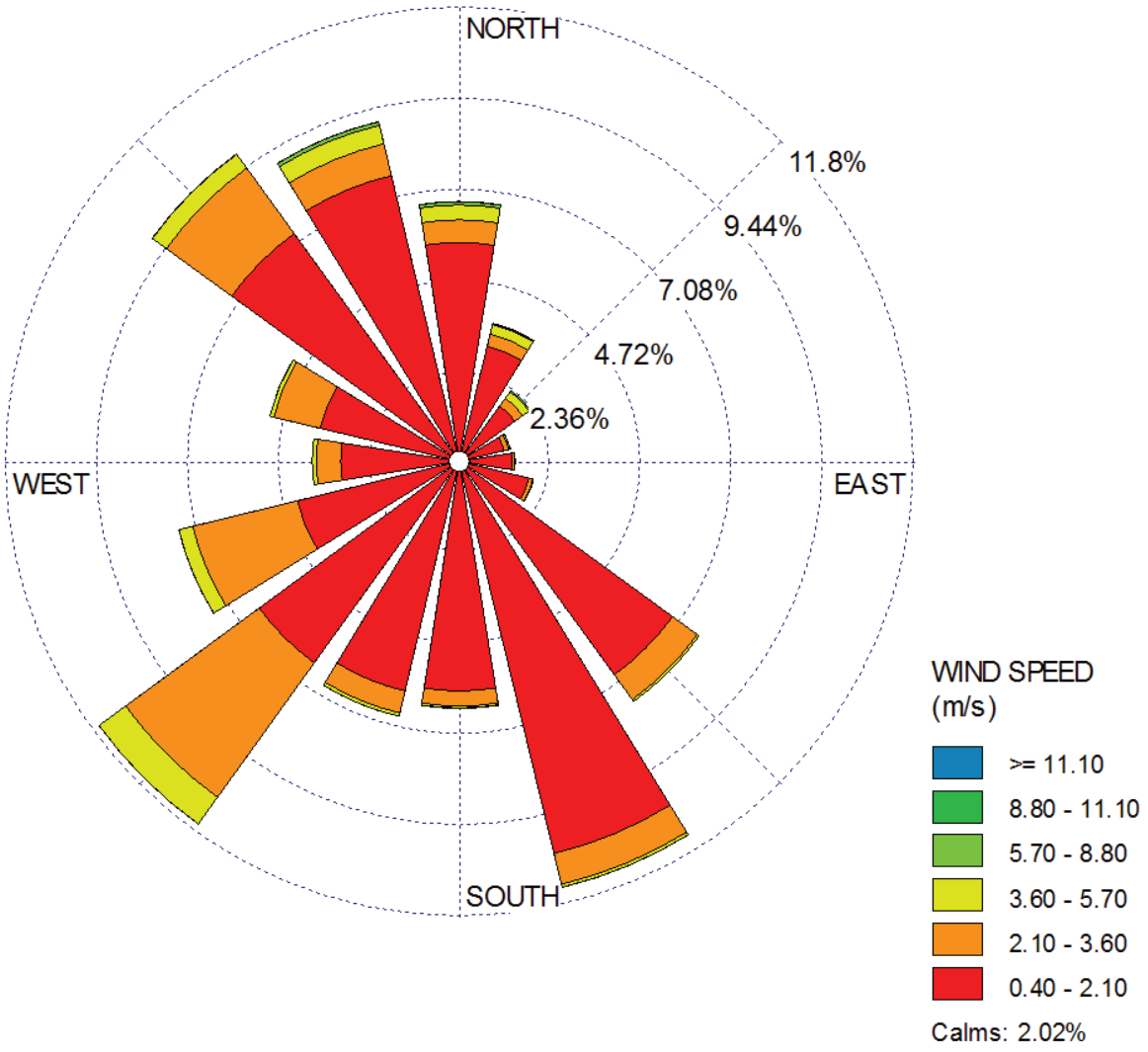
variable emission factor of 3.5 was applied. This modeling established the emissions dispersion field to the existing sensitive receptors from atmospheric influence of the project construction DPM emissions. Plot files generated in AERMOD were then imported into HARP2, with ground level concentrations determined by multiplication of emission rates and X/Q values for the total volume sources of emissions. HARP2 then assessed resulting cancer and non-cancer risk at the existing receptors from exposure to TAC emissions using the Risk Management Policy-derived calculation method (SCAQMD 2017).

For the purposes of this assessment, given the less-than-lifetime exposure period, and the higher breathing rates and sensitivity of children to construction-generated TACs, the cancer risk calculation assumes that the exposure would affect children early in their lives. For the residential health risk, the HRA assumes exposure would start in the 3rd trimester of pregnancy and occur 8 hours per day for 13 months. The exposure duration for a resident from 3rd trimester to 13 months is more conservative than a student ages 14 through 18 at a high school due to the increased ASF and breathing rates; therefore, the calculated Residential Maximum Individual Cancer Risk and the Residential Chronic Hazard Index are the worst-case scenario for a resident and student.

Operational Health Risk Assessment

For the operational health risk, the HRA assumes exposure would start in the 3rd trimester through 30 years for all receptor locations. The SCAQMD has also established non-carcinogenic risk parameters for use in HRAs since some TACs increase non-cancer health risk due to long-term (chronic) exposures and some TACs increase non-cancer health risk due to short-term (acute) exposures. Non-carcinogenic risks are quantified by calculating a hazard index, expressed as the ratio between the ambient pollutant concentration and its toxicity or REL, which is a concentration at or below which health effects are not likely to occur. The chronic hazard index is the sum of the individual substance chronic hazard indices for all TACs affecting the same target organ system, similarly calculated for acute hazard index. The exposure duration for a resident from the 3rd trimester to 30 years is more conservative than a student ages 14 through 18 at a high school due to the increased ASF and breathing rates; therefore, the calculated Residential Maximum Individual Cancer Risk, the Residential Chronic Hazard Index, and the Residential Acute Hazard Index are the worst-case scenario for a resident and student.

Figure 1. Wind Rose of Meteorological Data – ELSI Station



Source: SCAQMD 2018b.

4 Health Risk Results

4.1 Construction Health Risk Results

The cancer risk calculations were performed by multiplying the AERMOD-predicted DPM concentrations in μg/m^3 per unit g/s due to DPM emissions from trucks and construction equipment by the appropriate risk values. The potential exposure pathway for DPM includes inhalation only. The potential exposure through other pathways (e.g., ingestion) requires substance and site-specific data, and the specific parameters for DPM are not known for these pathways (CARB 1998).

Table 8 shows the maximum cancer and chronic health risks at the maximally exposed residential receptor from project construction. AERMOD and HARP2 outputs are in Appendix B.

Table 8. Summary of Maximum Construction Cancer and Chronic Health Risks - Unmitigated

Impact Analysis	Impact Parameter	Units	Project Impact	CEQA Threshold	Level of Significance
Maximally Exposed Individual Resident					
Construction HRA	Cancer Risk	Per Million	36.20	10	**Potentially Significant**
	Chronic Hazard Index	Index Value	0.038	1.0	Less than Significant

Source: See Appendix B for complete results.
Notes: CEQA = California Environmental Quality Act; HRA = Health Risk Assessment.

As shown in Table 8, the HRA results from the unmitigated scenario show cancer risks exceeding the 10 in 1 million threshold and thus a potentially significant impact at the maximally exposed individual residential receptor. These potentially significant health risk impacts triggered the requirement of MM-AQ-1 in order to reduce project construction-generated DPM emissions to the extent feasible. The HRA results after incorporation of MM-AQ-1 are presented in Table 9.

Table 9. Summary of Maximum Construction Cancer and Chronic Health Risks - Mitigated

Impact Analysis	Impact Parameter	Units	Project Impact	CEQA Threshold	Level of Significance
Maximally Exposed Individual Resident					
Construction HRA	Cancer Risk	Per Million	3.96	10	Less than Significant
	Chronic Hazard Index	Index Value	0.004	1.0	Less than Significant

Source: See Appendix B for complete results.
Notes: CEQA = California Environmental Quality Act; HRA = Health Risk Assessment.

4.2 Operational Health Risk Results

The cancer risk calculations were performed by multiplying the AERMOD-predicted TAC concentrations in μg/m^3 per unit g/s due to TAC emissions from delivery trucks, on-site and off-site light-duty truck and passenger vehicle travel and idling, TRU idling, and the gasoline dispensing facility by the appropriate risk values. The mandatory minimum pathways of exposure (i.e., inhalation, soils, dermal, mother's milk, and homegrown produce) were

selected for the operation-generated TAC emissions. Table 10 summarizes the HRA results based on the HRA methodology described above and contained in Appendix B.

Table 10. Summary of Maximum Operational Cancer, Chronic, and Acute Health Risks – Unmitigated

Impact Analysis	Impact Parameter	Units	Project Impact	CEQA Threshold	Level of Significance
Maximally Exposed Individual Resident					
Operational HRA	Cancer Risk	Per Million	9.02	10	Less than Significant
	Chronic Hazard Index	Index Value	0.025	1.0	Less than Significant
	Acute Hazard Index	Index Value	0.086	1.0	Less than Significant

Source: See Appendix B for complete results.
Notes: CEQA = California Environmental Quality Act; HRA = Health Risk Assessment.

The cumulative health risk was assessed for exposure from project construction and operation. The unmitigated construction and operational activities would result in a Residential Maximum Individual Cancer Risk of 41.18 in 1 million, which would exceed the significance threshold of 10 in 1 million. The mitigated construction and operational activities would result in a Residential Maximum Individual Cancer Risk of 8.94 in 1 million, which would be less than the significance threshold of 10 in 1 million.

5 Cancer Burden

As determined in Section 4 above, since the cancer risk from project operation at the maximally exposed individual resident exceeds 1 in a million, cancer burden, for which a SCAQMD significance threshold of 0.5, is evaluated. Unlike cancer risk, which is the lifetime probability (chances) of an individual developing cancer due to exposure to a carcinogenic compound, cancer burden estimates the number of theoretical cancer cases in a defined population resulting from a lifetime exposure to carcinogenic TACs. As described in the OEHHA guidance manual (OEHHA 2015):

> The cancer burden can be calculated by multiplying the cancer risk at a census block centroid by the number of people who live in the census block, and adding up the estimated number of potential cancer cases across the zone of impact. The result of this calculation is a single number that is intended to estimate of the number of potential cancer cases within the population that was exposed to the emissions for a lifetime (70 years).

The SCAQMD has established a procedural screening approach for estimating cancer burden (SCAQMD 2017), which includes the following steps:

- Recalculate cancer risk from all TACs using a 70-year exposure duration;
- Estimate the distance at which the at which maximum individual cancer risk from a 70-year exposure duration falls below 1 in a million;
- Define a zone of impact in the shape of a circle, with the radius equal to the distance between the TAC source and the point at which the risk falls below 1 in a million;
- Estimate the residential population within this zone of impact based on census data or a worse-case estimate;
- Calculate the screening level cancer burden by multiplying the total residential population in the zone of impact by the maximum individual cancer risk.

The maximum estimated 70-year cancer risk for project operation was estimated at 10.62 in a million with HARP2 using the Population-Wide option in the model, which is specified for use in cancer burden estimates. The zone of impact was estimated to be 1.90 square kilometers. The total population in this area was estimated to be approximately 1,508 persons, based on the average densities of the Census Tracts that would be within the zone of impact (Census Tract 507) (U.S. Census Bureau 2010). Multiplying the maximum estimated 70-year cancer risk by the project population gives a cancer burden of 0.016. Accordingly, the cancer burden indicates that less than one person could contract cancer assuming a 70-year exposure under the modeled scenario of TAC emissions and provided that other factors related to an individual's susceptibility to contracting cancer would occur. This would be less than the SCAQMD cancer burden threshold of 0.5. Thus, the impact with respect to potential cancer burden due to project operations would be less than significant.

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6 Conclusions

The results determined in this analysis reflect reasonable estimates of source emissions and exhaust characteristics, available meteorological data near the project site, and the use of currently approved air quality models. Given the limits of available tools for such an analysis, the actual impacts may vary from the estimates in this assessment. However, the combined use of the AERMOD dispersion model and the health impact calculations required by OEHHA and SCAQMD tend to overpredict impacts, such that they produce conservative (i.e., health-protective) results. For this reason, the estimated cancer risks and non-cancer hazard indices reported in this analysis are likely upper-bound estimates for potential exposure to project-related emissions. In addition, the estimated cancer risks and non-cancer hazard indices represent the maximum exposed individual resident and do not represent the risk over a broad area. The actual risks of cancer or non-cancer effects from the project are likely to be lower than presented herein.

Based on this analysis, project construction would result in potential chronic health risk at the maximally exposed residential receptor below the SCAQMD threshold without the need for mitigation. However, potential cancer health risk impacts from project construction at the proximate existing residential receptor would exceed the SCAQMD threshold. Thus, with implementation of **MM-AQ-1**, cancer health risk impacts from project construction would be reduced to less than the SCAQMD threshold. Potential cancer health risk at existing residential receptors from project operation would be less than the applicable SCAQMD threshold. Chronic health risk and acute health risk from project operation would not exceed the applicable SCAQMD thresholds. Furthermore, cumulative cancer risk from project construction and operation would be less than the applicable SCAQMD threshold with implementation of **MM-AQ-1**. This would be a less-than-significant impact. The project would also result in less-than-significant cancer burden impact.

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Appendix A

Emission Calculations

Costco Mitigated 32 pump HRA

Riverside-South Coast County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Parking Lot	799.00	Space	7.19	319,600.00	0
Discount Club	153.36	1000sqft	3.52	153,362.00	0
Gasoline/Service Station	32.00	Pump	0.10	4,517.60	0

1.2 Other Project Characteristics

Urbanization	Rural	**Wind Speed (m/s)**	2.4	**Precipitation Freq (Days)**	28
Climate Zone	10			**Operational Year**	2021
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	573.36	**CH4 Intensity (lb/MWhr)**	0.024	**N2O Intensity (lb/MWhr)**	0.005

1.3 User Entered Comments & Non-Default Data

Project Characteristics - RPS

Land Use -

Construction Phase - Schedule provided by applicant.

Off-road Equipment -

Off-road Equipment - data provided by applicant

Off-road Equipment -

Trips and VMT - 67300 cy soil export / 16 cy per truck = 4,206.25 round trips x 2 = 8,413 one-way trips, HRA only assume onsite truck trips travel 1,000 feet (0.19 miles)

Grading - Grading

Architectural Coating - VOC limit rule

Vehicle Trips - Calculated in excel

Area Coating - VOC rule limit

Energy Use -

Water And Wastewater - CalEEMod default water and wastewater values, assume 100% aerobic.

Solid Waste -

Construction Off-road Equipment Mitigation - Dust control measures. MM Tier 4 Final off-road equipment > 75 hp.

Area Mitigation -

Energy Mitigation -

Water Mitigation -

Waste Mitigation -

Operational Off-Road Equipment - Project specific

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	100.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	100.00	50.00
tblAreaCoating	Area_EF_Nonresidential_Exterior	100	50
tblAreaCoating	Area_EF_Nonresidential_Interior	100	50
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	26

tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
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tblConstructionPhase	NumDays	300.00	76.00
tblConstructionPhase	NumDays	20.00	16.00

tblConstructionPhase	NumDays	20.00	31.00
tblGrading	AcresOfGrading	15.00	18.16
tblGrading	MaterialExported	0.00	67,300.00
tblLandUse	LandUseSquareFeet	153,360.00	153,362.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
tblOperationalOffRoadEquipment	OperDaysPerYear	260.00	365.00
tblOperationalOffRoadEquipment	OperFuelType	Diesel	CNG
tblOperationalOffRoadEquipment	OperOffRoadEquipmentNumber	0.00	3.00
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.024
tblProjectCharacteristics	CO2IntensityFactor	702.44	573.36
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.005
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblTripsAndVMT	HaulingTripLength	20.00	0.19
tblTripsAndVMT	HaulingTripLength	20.00	0.19
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tblTripsAndVMT	WorkerTripLength	19.80	0.00

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tblWater	SepticTankPercent	10.33	0.00

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2020	0.1885	2.1899	1.1779	2.4000e-003	0.1509	0.0970	0.2479	0.0768	0.0896	0.1663	0.0000	213.6485	213.6485	0.0636	0.0000	215.2386
2021	0.5661	1.7393	1.1513	2.3500e-003	0.0594	0.0708	0.1302	0.0264	0.0658	0.0922	0.0000	208.8889	208.8889	0.0574	0.0000	210.3234
Maximum	**0.5661**	**2.1899**	**1.1779**	**2.4000e-003**	**0.1509**	**0.0970**	**0.2479**	**0.0768**	**0.0896**	**0.1663**	**0.0000**	**213.6485**	**213.6485**	**0.0636**	**0.0000**	**215.2386**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2020	0.0343	0.4101	1.2356	2.4000e-003	0.0592	4.4300e-003	0.0636	0.0300	4.4200e-003	0.0345	0.0000	213.6482	213.6482	0.0636	0.0000	215.2384
2021	0.4567	0.4661	1.2650	2.3500e-003	0.0236	5.0200e-003	0.0286	0.0104	5.0200e-003	0.0154	0.0000	208.8887	208.8887	0.0574	0.0000	210.3232
Maximum	**0.4567**	**0.4661**	**1.2650**	**2.4000e-003**	**0.0592**	**5.0200e-003**	**0.0636**	**0.0300**	**5.0200e-003**	**0.0345**	**0.0000**	**213.6482**	**213.6482**	**0.0636**	**0.0000**	**215.2384**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**34.94**	**77.70**	**-7.35**	**0.00**	**60.64**	**94.37**	**75.61**	**60.78**	**93.92**	**80.70**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
3	8-3-2020	11-2-2020	1.0544	0.1430
4	11-3-2020	2-2-2021	2.1614	0.5816
5	2-3-2021	5-2-2021	1.4317	0.6224
		Highest	2.1614	0.6224

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.6334	1.2000e-004	0.0126	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	0.0244	0.0244	6.0000e-005	0.0000	0.0261
Energy	2.6300e-003	0.0239	0.0201	1.4000e-004		1.8200e-003	1.8200e-003		1.8200e-003	1.8200e-003	0.0000	570.7669	570.7669	0.0233	5.2300e-003	572.9072
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Offroad	0.0708	0.6456	0.6394	8.4000e-004		0.0458	0.0458		0.0422	0.0422	0.0000	73.5245	73.5245	0.0238	0.0000	74.1190
Waste						0.0000	0.0000		0.0000	0.0000	137.3863	0.0000	137.3863	8.1193	0.0000	340.3688
Water						0.0000	0.0000		0.0000	0.0000	4.1695	60.7778	64.9473	0.0169	9.6000e-003	68.2297
Total	**0.7068**	**0.6696**	**0.6721**	**9.8000e-004**	**0.0000**	**0.0477**	**0.0477**	**0.0000**	**0.0440**	**0.0440**	**141.5558**	**705.0937**	**846.6495**	**8.1833**	**0.0148**	**1,055.6507**

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.6334	1.2000e-004	0.0126	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	0.0244	0.0244	6.0000e-005	0.0000	0.0261
Energy	2.6300e-003	0.0239	0.0201	1.4000e-004		1.8200e-003	1.8200e-003		1.8200e-003	1.8200e-003	0.0000	468.2511	468.2511	0.0190	4.3300e-003	470.0177
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Offroad	0.0708	0.6456	0.6394	8.4000e-004		0.0458	0.0458		0.0422	0.0422	0.0000	73.5245	73.5245	0.0238	0.0000	74.1190
Waste						0.0000	0.0000		0.0000	0.0000	68.6932	0.0000	68.6932	4.0597	0.0000	170.1844
Water						0.0000	0.0000		0.0000	0.0000	3.6541	54.5722	58.2263	0.0149	8.4200e-003	61.1077
Total	**0.7068**	**0.6696**	**0.6721**	**9.8000e-004**	**0.0000**	**0.0477**	**0.0477**	**0.0000**	**0.0440**	**0.0440**	**72.3473**	**596.3722**	**668.7194**	**4.1174**	**0.0128**	**775.4548**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**48.89**	**15.42**	**21.02**	**49.69**	**14.03**	**26.54**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	9/28/2020	11/16/2020	5	36	
2	Grading	Grading	9/28/2020	4/5/2021	5	136	
3	Building Construction	Building Construction	11/30/2020	3/15/2021	5	76	
4	Paving	Paving	1/11/2021	2/1/2021	5	16	
5	Architectural Coating	Architectural Coating	1/25/2021	3/8/2021	5	31	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 18.16

Acres of Paving: 7.19

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 236,819; Non-Residential Outdoor: 78,940; Striped Parking Area: 19,176 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	1	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	7	0.00	0.00	0.00	0.00	0.19	0.19	LD_Mix	HDT_Mix	HHDT
Grading	6	0.00	0.00	8,413.00	0.00	0.19	0.19	LD_Mix	HDT_Mix	HHDT
Building Construction	9	0.00	66.00	0.00	0.00	0.19	0.19	LD_Mix	HDT_Mix	HHDT
Paving	6	0.00	0.00	0.00	0.00	0.19	0.19	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	0.00	0.00	0.00	0.00	0.19	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Use Soil Stabilizer

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

3.2 Site Preparation - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0903	0.0000	0.0903	0.0497	0.0000	0.0497	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0734	0.7635	0.3873	6.8000e-004		0.0396	0.0396		0.0364	0.0364	0.0000	60.1752	60.1752	0.0195	0.0000	60.6618
Total	**0.0734**	**0.7635**	**0.3873**	**6.8000e-004**	**0.0903**	**0.0396**	**0.1299**	**0.0497**	**0.0364**	**0.0860**	**0.0000**	**60.1752**	**60.1752**	**0.0195**	**0.0000**	**60.6618**

3.2 Site Preparation - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0352	0.0000	0.0352	0.0194	0.0000	0.0194	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	8.3800e-003	0.0363	0.3756	6.8000e-004		1.1200e-003	1.1200e-003		1.1200e-003	1.1200e-003	0.0000	60.1752	60.1752	0.0195	0.0000	60.6617
Total	**8.3800e-003**	**0.0363**	**0.3756**	**6.8000e-004**	**0.0352**	**1.1200e-003**	**0.0364**	**0.0194**	**1.1200e-003**	**0.0205**	**0.0000**	**60.1752**	**60.1752**	**0.0195**	**0.0000**	**60.6617**

3.2 Site Preparation - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.3 Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0597	0.0000	0.0597	0.0269	0.0000	0.0269	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0838	0.9103	0.5538	1.0200e-003		0.0439	0.0439		0.0404	0.0404	0.0000	89.9027	89.9027	0.0291	0.0000	90.6296
Total	**0.0838**	**0.9103**	**0.5538**	**1.0200e-003**	**0.0597**	**0.0439**	**0.1037**	**0.0269**	**0.0404**	**0.0673**	**0.0000**	**89.9027**	**89.9027**	**0.0291**	**0.0000**	**90.6296**

3.3 Grading - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	4.5600e-003	0.2314	0.0240	3.1000e-004	6.5000e-004	1.0000e-004	7.5000e-004	1.7000e-004	1.0000e-004	2.8000e-004	0.0000	29.8295	29.8295	6.9400e-003	0.0000	30.0029
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**4.5600e-003**	**0.2314**	**0.0240**	**3.1000e-004**	**6.5000e-004**	**1.0000e-004**	**7.5000e-004**	**1.7000e-004**	**1.0000e-004**	**2.8000e-004**	**0.0000**	**29.8295**	**29.8295**	**6.9400e-003**	**0.0000**	**30.0029**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0233	0.0000	0.0233	0.0105	0.0000	0.0105	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0125	0.0543	0.6125	1.0200e-003		1.6700e-003	1.6700e-003		1.6700e-003	1.6700e-003	0.0000	89.9026	89.9026	0.0291	0.0000	90.6295
Total	**0.0125**	**0.0543**	**0.6125**	**1.0200e-003**	**0.0233**	**1.6700e-003**	**0.0250**	**0.0105**	**1.6700e-003**	**0.0122**	**0.0000**	**89.9026**	**89.9026**	**0.0291**	**0.0000**	**90.6295**

3.3 Grading - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	4.5600e-003	0.2314	0.0240	3.1000e-004	5.2000e-004	1.0000e-004	6.2000e-004	1.4000e-004	1.0000e-004	2.4000e-004	0.0000	29.8295	29.8295	6.9400e-003	0.0000	30.0029
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**4.5600e-003**	**0.2314**	**0.0240**	**3.1000e-004**	**5.2000e-004**	**1.0000e-004**	**6.2000e-004**	**1.4000e-004**	**1.0000e-004**	**2.4000e-004**	**0.0000**	**29.8295**	**29.8295**	**6.9400e-003**	**0.0000**	**30.0029**

3.3 Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0584	0.0000	0.0584	0.0262	0.0000	0.0262	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0767	0.8287	0.5312	9.9000e-004		0.0389	0.0389		0.0358	0.0358	0.0000	87.2799	87.2799	0.0282	0.0000	87.9856
Total	**0.0767**	**0.8287**	**0.5312**	**9.9000e-004**	**0.0584**	**0.0389**	**0.0973**	**0.0262**	**0.0358**	**0.0619**	**0.0000**	**87.2799**	**87.2799**	**0.0282**	**0.0000**	**87.9856**

3.3 Grading - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	4.1800e-003	0.2171	0.0223	3.0000e-004	6.5000e-004	9.0000e-005	7.3000e-004	1.7000e-004	8.0000e-005	2.6000e-004	0.0000	28.6559	28.6559	6.4000e-003	0.0000	28.8158
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**4.1800e-003**	**0.2171**	**0.0223**	**3.0000e-004**	**6.5000e-004**	**9.0000e-005**	**7.3000e-004**	**1.7000e-004**	**8.0000e-005**	**2.6000e-004**	**0.0000**	**28.6559**	**28.6559**	**6.4000e-003**	**0.0000**	**28.8158**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0228	0.0000	0.0228	0.0102	0.0000	0.0102	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0122	0.0527	0.5947	9.9000e-004		1.6200e-003	1.6200e-003		1.6200e-003	1.6200e-003	0.0000	87.2798	87.2798	0.0282	0.0000	87.9855
Total	**0.0122**	**0.0527**	**0.5947**	**9.9000e-004**	**0.0228**	**1.6200e-003**	**0.0244**	**0.0102**	**1.6200e-003**	**0.0118**	**0.0000**	**87.2798**	**87.2798**	**0.0282**	**0.0000**	**87.9855**

3.3 Grading - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	4.1800e-003	0.2171	0.0223	3.0000e-004	5.1000e-004	9.0000e-005	6.0000e-004	1.4000e-004	8.0000e-005	2.2000e-004	0.0000	28.6559	28.6559	6.4000e-003	0.0000	28.8158
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**4.1800e-003**	**0.2171**	**0.0223**	**3.0000e-004**	**5.1000e-004**	**9.0000e-005**	**6.0000e-004**	**1.4000e-004**	**8.0000e-005**	**2.2000e-004**	**0.0000**	**28.6559**	**28.6559**	**6.4000e-003**	**0.0000**	**28.8158**

3.4 Building Construction - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0254	0.2302	0.2022	3.2000e-004		0.0134	0.0134		0.0126	0.0126	0.0000	27.7932	27.7932	6.7800e-003	0.0000	27.9627
Total	**0.0254**	**0.2302**	**0.2022**	**3.2000e-004**		**0.0134**	**0.0134**		**0.0126**	**0.0126**	**0.0000**	**27.7932**	**27.7932**	**6.7800e-003**	**0.0000**	**27.9627**

3.4 Building Construction - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.2900e-003	0.0545	0.0107	6.0000e-005	1.6000e-004	4.0000e-005	2.0000e-004	5.0000e-005	4.0000e-005	8.0000e-005	0.0000	5.9479	5.9479	1.3500e-003	0.0000	5.9816
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.2900e-003**	**0.0545**	**0.0107**	**6.0000e-005**	**1.6000e-004**	**4.0000e-005**	**2.0000e-004**	**5.0000e-005**	**4.0000e-005**	**8.0000e-005**	**0.0000**	**5.9479**	**5.9479**	**1.3500e-003**	**0.0000**	**5.9816**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	7.5100e-003	0.0336	0.2128	3.2000e-004		1.5000e-003	1.5000e-003		1.5000e-003	1.5000e-003	0.0000	27.7932	27.7932	6.7800e-003	0.0000	27.9627
Total	**7.5100e-003**	**0.0336**	**0.2128**	**3.2000e-004**		**1.5000e-003**	**1.5000e-003**		**1.5000e-003**	**1.5000e-003**	**0.0000**	**27.7932**	**27.7932**	**6.7800e-003**	**0.0000**	**27.9627**

3.4 Building Construction - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.2900e-003	0.0545	0.0107	6.0000e-005	1.3000e-004	4.0000e-005	1.7000e-004	4.0000e-005	4.0000e-005	8.0000e-005	0.0000	5.9479	5.9479	1.3500e-003	0.0000	5.9816
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.2900e-003**	**0.0545**	**0.0107**	**6.0000e-005**	**1.3000e-004**	**4.0000e-005**	**1.7000e-004**	**4.0000e-005**	**4.0000e-005**	**8.0000e-005**	**0.0000**	**5.9479**	**5.9479**	**1.3500e-003**	**0.0000**	**5.9816**

3.4 Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0494	0.4532	0.4310	7.0000e-004		0.0249	0.0249		0.0234	0.0234	0.0000	60.2257	60.2257	0.0145	0.0000	60.5889
Total	**0.0494**	**0.4532**	**0.4310**	**7.0000e-004**		**0.0249**	**0.0249**		**0.0234**	**0.0234**	**0.0000**	**60.2257**	**60.2257**	**0.0145**	**0.0000**	**60.5889**

3.4 Building Construction - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.6000e-003	0.1134	0.0215	1.3000e-004	3.4000e-004	4.0000e-005	3.8000e-004	1.0000e-004	4.0000e-005	1.4000e-004	0.0000	12.7511	12.7511	2.7700e-003	0.0000	12.8205
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**2.6000e-003**	**0.1134**	**0.0215**	**1.3000e-004**	**3.4000e-004**	**4.0000e-005**	**3.8000e-004**	**1.0000e-004**	**4.0000e-005**	**1.4000e-004**	**0.0000**	**12.7511**	**12.7511**	**2.7700e-003**	**0.0000**	**12.8205**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0153	0.0712	0.4597	7.0000e-004		2.9100e-003	2.9100e-003		2.9100e-003	2.9100e-003	0.0000	60.2256	60.2256	0.0145	0.0000	60.5889
Total	**0.0153**	**0.0712**	**0.4597**	**7.0000e-004**		**2.9100e-003**	**2.9100e-003**		**2.9100e-003**	**2.9100e-003**	**0.0000**	**60.2256**	**60.2256**	**0.0145**	**0.0000**	**60.5889**

3.4 Building Construction - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.6000e-003	0.1134	0.0215	1.3000e-004	2.9000e-004	4.0000e-005	3.3000e-004	9.0000e-005	4.0000e-005	1.3000e-004	0.0000	12.7511	12.7511	2.7700e-003	0.0000	12.8205
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**2.6000e-003**	**0.1134**	**0.0215**	**1.3000e-004**	**2.9000e-004**	**4.0000e-005**	**3.3000e-004**	**9.0000e-005**	**4.0000e-005**	**1.3000e-004**	**0.0000**	**12.7511**	**12.7511**	**2.7700e-003**	**0.0000**	**12.8205**

3.5 Paving - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0100	0.1034	0.1172	1.8000e-004		5.4200e-003	5.4200e-003		4.9900e-003	4.9900e-003	0.0000	16.0188	16.0188	5.1800e-003	0.0000	16.1483
Paving	9.4200e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0195**	**0.1034**	**0.1172**	**1.8000e-004**		**5.4200e-003**	**5.4200e-003**		**4.9900e-003**	**4.9900e-003**	**0.0000**	**16.0188**	**16.0188**	**5.1800e-003**	**0.0000**	**16.1483**

3.5 Paving - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	2.2400e-003	9.7200e-003	0.1384	1.8000e-004		3.0000e-004	3.0000e-004		3.0000e-004	3.0000e-004	0.0000	16.0188	16.0188	5.1800e-003	0.0000	16.1483
Paving	9.4200e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0117**	**9.7200e-003**	**0.1384**	**1.8000e-004**		**3.0000e-004**	**3.0000e-004**		**3.0000e-004**	**3.0000e-004**	**0.0000**	**16.0188**	**16.0188**	**5.1800e-003**	**0.0000**	**16.1483**

3.5 Paving - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.6 Architectural Coating - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.4103					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.3900e-003	0.0237	0.0282	5.0000e-005		1.4600e-003	1.4600e-003		1.4600e-003	1.4600e-003	0.0000	3.9575	3.9575	2.7000e-004	0.0000	3.9643
Total	**0.4137**	**0.0237**	**0.0282**	**5.0000e-005**		**1.4600e-003**	**1.4600e-003**		**1.4600e-003**	**1.4600e-003**	**0.0000**	**3.9575**	**3.9575**	**2.7000e-004**	**0.0000**	**3.9643**

3.6 Architectural Coating - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.4103					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.6000e-004	2.0000e-003	0.0284	5.0000e-005		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005	0.0000	3.9575	3.9575	2.7000e-004	0.0000	3.9643
Total	**0.4108**	**2.0000e-003**	**0.0284**	**5.0000e-005**		**6.0000e-005**	**6.0000e-005**		**6.0000e-005**	**6.0000e-005**	**0.0000**	**3.9575**	**3.9575**	**2.7000e-004**	**0.0000**	**3.9643**

3.6 Architectural Coating - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Discount Club	0.00	0.00	0.00		
Gasoline/Service Station	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Discount Club	18.50	10.10	7.90	16.70	64.30	19.00	45	40	15
Gasoline/Service Station	18.50	10.10	7.90	2.00	79.00	19.00	14	27	59
Parking Lot	18.50	10.10	7.90	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Discount Club	0.542116	0.037578	0.185203	0.118503	0.016241	0.005141	0.017392	0.068695	0.001383	0.001183	0.004582	0.000945	0.001038
Gasoline/Service Station	0.542116	0.037578	0.185203	0.118503	0.016241	0.005141	0.017392	0.068695	0.001383	0.001183	0.004582	0.000945	0.001038
Parking Lot	0.542116	0.037578	0.185203	0.118503	0.016241	0.005141	0.017392	0.068695	0.001383	0.001183	0.004582	0.000945	0.001038

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Install High Efficiency Lighting

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	442.2501	442.2501	0.0185	3.8600e-003	443.8622
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	544.7659	544.7659	0.0228	4.7500e-003	546.7517
NaturalGas Mitigated	2.6300e-003	0.0239	0.0201	1.4000e-004		1.8200e-003	1.8200e-003		1.8200e-003	1.8200e-003	0.0000	26.0010	26.0010	5.0000e-004	4.8000e-004	26.1555
NaturalGas Unmitigated	2.6300e-003	0.0239	0.0201	1.4000e-004		1.8200e-003	1.8200e-003		1.8200e-003	1.8200e-003	0.0000	26.0010	26.0010	5.0000e-004	4.8000e-004	26.1555

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Discount Club	340464	1.8400e-003	0.0167	0.0140	1.0000e-004		1.2700e-003	1.2700e-003		1.2700e-003	1.2700e-003	0.0000	18.1684	18.1684	3.5000e-004	3.3000e-004	18.2764
Gasoline/Service Station	146777	7.9000e-004	7.1900e-003	6.0400e-003	4.0000e-005		5.5000e-004	5.5000e-004		5.5000e-004	5.5000e-004	0.0000	7.8326	7.8326	1.5000e-004	1.4000e-004	7.8791
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**2.6300e-003**	**0.0239**	**0.0201**	**1.4000e-004**		**1.8200e-003**	**1.8200e-003**		**1.8200e-003**	**1.8200e-003**	**0.0000**	**26.0010**	**26.0010**	**5.0000e-004**	**4.7000e-004**	**26.1555**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Discount Club	340464	1.8400e-003	0.0167	0.0140	1.0000e-004		1.2700e-003	1.2700e-003		1.2700e-003	1.2700e-003	0.0000	18.1684	18.1684	3.5000e-004	3.3000e-004	18.2764
Gasoline/Service Station	146777	7.9000e-004	7.1900e-003	6.0400e-003	4.0000e-005		5.5000e-004	5.5000e-004		5.5000e-004	5.5000e-004	0.0000	7.8326	7.8326	1.5000e-004	1.4000e-004	7.8791
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**2.6300e-003**	**0.0239**	**0.0201**	**1.4000e-004**		**1.8200e-003**	**1.8200e-003**		**1.8200e-003**	**1.8200e-003**	**0.0000**	**26.0010**	**26.0010**	**5.0000e-004**	**4.7000e-004**	**26.1555**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Discount Club	1.93696e+006	503.7491	0.0211	4.3900e-003	505.5853
Gasoline/Service Station	45853.6	11.9252	5.0000e-004	1.0000e-004	11.9687
Parking Lot	111860	29.0916	1.2200e-003	2.5000e-004	29.1977
Total		**544.7659**	**0.0228**	**4.7400e-003**	**546.7517**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Discount Club	1.59282e+006	414.2469	0.0173	3.6100e-003	415.7569
Gasoline/Service Station	40559	10.5483	4.4000e-004	9.0000e-005	10.5867
Parking Lot	67116	17.4550	7.3000e-004	1.5000e-004	17.5186
Total		**442.2501**	**0.0185**	**3.8500e-003**	**443.8622**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.6334	1.2000e-004	0.0126	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	0.0244	0.0244	6.0000e-005	0.0000	0.0261
Unmitigated	0.6334	1.2000e-004	0.0126	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	0.0244	0.0244	6.0000e-005	0.0000	0.0261

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0410					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.5912					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.1800e-003	1.2000e-004	0.0126	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	0.0244	0.0244	6.0000e-005	0.0000	0.0261
Total	**0.6334**	**1.2000e-004**	**0.0126**	**0.0000**		**5.0000e-005**	**5.0000e-005**		**5.0000e-005**	**5.0000e-005**	**0.0000**	**0.0244**	**0.0244**	**6.0000e-005**	**0.0000**	**0.0261**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0410					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.5912					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.1800e-003	1.2000e-004	0.0126	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	0.0244	0.0244	6.0000e-005	0.0000	0.0261
Total	**0.6334**	**1.2000e-004**	**0.0126**	**0.0000**		**5.0000e-005**	**5.0000e-005**		**5.0000e-005**	**5.0000e-005**	**0.0000**	**0.0244**	**0.0244**	**6.0000e-005**	**0.0000**	**0.0261**

7.0 Water Detail

7.1 Mitigation Measures Water

Install Low Flow Bathroom Faucet

Install Low Flow Toilet

Use Water Efficient Irrigation System

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	58.2263	0.0149	8.4200e-003	61.1077
Unmitigated	64.9473	0.0169	9.6000e-003	68.2297

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Discount Club	11.3598 / 6.96243	62.6050	0.0163	9.2500e-003	65.7689
Gasoline/Service Station	0.42502 / 0.260496	2.3423	6.1000e-004	3.5000e-004	2.4607
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**64.9473**	**0.0169**	**9.6000e-003**	**68.2297**

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Discount Club	9.9557 / 6.53773	56.1263	0.0143	8.1200e-003	58.9038
Gasoline/Service Station	0.372488 / 0.244606	2.0999	5.4000e-004	3.0000e-004	2.2039
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**58.2263**	**0.0149**	**8.4200e-003**	**61.1077**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	68.6932	4.0597	0.0000	170.1844
Unmitigated	137.3863	8.1193	0.0000	340.3688

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Discount Club	659.56	133.8847	7.9124	0.0000	331.6937
Gasoline/Service Station	17.25	3.5016	0.2069	0.0000	8.6751
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Total		**137.3863**	**8.1193**	**0.0000**	**340.3688**

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Discount Club	329.78	66.9424	3.9562	0.0000	165.8469
Gasoline/Service Station	8.625	1.7508	0.1035	0.0000	4.3375
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Total		**68.6932**	**4.0597**	**0.0000**	**170.1844**

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
Forklifts	3	8.00	365	89	0.20	CNG

UnMitigated/Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Equipment Type	tons/yr										MT/yr					
Forklifts	0.0708	0.6456	0.6394	8.4000e-004		0.0458	0.0458		0.0422	0.0422	0.0000	73.5245	73.5245	0.0238	0.0000	74.1190
Total	**0.0708**	**0.6456**	**0.6394**	**8.4000e-004**		**0.0458**	**0.0458**		**0.0422**	**0.0422**	**0.0000**	**73.5245**	**73.5245**	**0.0238**	**0.0000**	**74.1190**

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Costco Unmitigated 32 pump

Riverside-South Coast County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Parking Lot	799.00	Space	7.19	319,600.00	0
Discount Club	153.36	1000sqft	3.52	153,362.00	0
Gasoline/Service Station	32.00	Pump	0.10	4,517.60	0

1.2 Other Project Characteristics

Urbanization	Rural	**Wind Speed (m/s)**	2.4	**Precipitation Freq (Days)**	28
Climate Zone	10			**Operational Year**	2021
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	573.36	**CH4 Intensity (lb/MWhr)**	0.024	**N2O Intensity (lb/MWhr)**	0.005

1.3 User Entered Comments & Non-Default Data

Project Characteristics - RPS

Land Use -

Construction Phase - Schedule provided by applicant.

Off-road Equipment -

Off-road Equipment - data provided by applicant

Off-road Equipment -

Trips and VMT - 67300 cy soil export / 16 cy per truck = 4,206.25 round trips x 2 = 8,413 one-way trips. Assume onsite truck travel 1,000 feet (0.19 miles) for HRA.

Grading - Grading

Architectural Coating - VOC limit rule

Vehicle Trips - Calculated in excel

Area Coating - VOC rule limit

Energy Use -

Water And Wastewater - CalEEMod default water and wastewater values, assume 100% aerobic.

Solid Waste -

Construction Off-road Equipment Mitigation - Dust control measures

Area Mitigation -

Energy Mitigation -

Water Mitigation -

Waste Mitigation -

Operational Off-Road Equipment - Project specific

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	100.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	100.00	50.00
tblAreaCoating	Area_EF_Nonresidential_Exterior	100	50
tblAreaCoating	Area_EF_Nonresidential_Interior	100	50
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	26

Costco Unmitigated 32 pump - Riverside-South Coast County, Annual

tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	10.00	43.00
tblConstructionPhase	NumDays	30.00	136.00
tblConstructionPhase	NumDays	300.00	91.00
tblConstructionPhase	NumDays	20.00	19.00
tblConstructionPhase	NumDays	20.00	37.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblGrading	AcresOfGrading	68.00	18.16
tblGrading	MaterialExported	0.00	67,300.00
tblLandUse	LandUseSquareFeet	153,360.00	153,362.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
tblOperationalOffRoadEquipment	OperDaysPerYear	260.00	365.00
tblOperationalOffRoadEquipment	OperFuelType	Diesel	CNG
tblOperationalOffRoadEquipment	OperOffRoadEquipmentNumber	0.00	3.00
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.024
tblProjectCharacteristics	CO2IntensityFactor	702.44	573.36
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.005
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblTripsAndVMT	HaulingTripLength	20.00	0.19
tblTripsAndVMT	HaulingTripLength	20.00	0.19
tblTripsAndVMT	HaulingTripLength	20.00	0.19
tblTripsAndVMT	HaulingTripLength	20.00	0.19
tblTripsAndVMT	HaulingTripLength	20.00	0.19

tblTripsAndVMT	VendorTripLength	7.90	0.19
tblTripsAndVMT	VendorTripLength	7.90	0.19
tblTripsAndVMT	VendorTripLength	7.90	0.19
tblTripsAndVMT	VendorTripLength	7.90	0.19
tblTripsAndVMT	VendorTripLength	7.90	0.19
tblTripsAndVMT	VendorTripNumber	78.00	66.00
tblTripsAndVMT	WorkerTripLength	19.80	0.00
tblTripsAndVMT	WorkerTripLength	19.80	0.00
tblTripsAndVMT	WorkerTripLength	19.80	0.00
tblTripsAndVMT	WorkerTripLength	19.80	0.00
tblTripsAndVMT	WorkerTripLength	19.80	0.00
tblTripsAndVMT	WorkerTripNumber	18.00	0.00
tblTripsAndVMT	WorkerTripNumber	15.00	0.00
tblTripsAndVMT	WorkerTripNumber	185.00	0.00
tblTripsAndVMT	WorkerTripNumber	15.00	0.00
tblTripsAndVMT	WorkerTripNumber	37.00	0.00
tblVehicleTrips	ST_TR	53.75	0.00
tblVehicleTrips	ST_TR	168.56	0.00
tblVehicleTrips	SU_TR	33.67	0.00
tblVehicleTrips	SU_TR	168.56	0.00
tblVehicleTrips	WD_TR	41.80	0.00
tblVehicleTrips	WD_TR	168.56	0.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00

tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2020	0.2072	2.3858	1.2887	2.6000e-003	0.6109	0.1070	0.7179	0.3296	0.0987	0.4284	0.0000	230.9727	230.9727	0.0688	0.0000	232.6914
2021	0.5797	1.8832	1.2745	2.5700e-003	0.2167	0.0774	0.2941	0.1129	0.0719	0.1848	0.0000	228.0958	228.0958	0.0621	0.0000	229.6475
Maximum	**0.5797**	**2.3858**	**1.2887**	**2.6000e-003**	**0.6109**	**0.1070**	**0.7179**	**0.3296**	**0.0987**	**0.4284**	**0.0000**	**230.9727**	**230.9727**	**0.0688**	**0.0000**	**232.6914**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2020	0.2072	2.3858	1.2887	2.6000e-003	0.2386	0.1070	0.3456	0.1287	0.0987	0.2274	0.0000	230.9725	230.9725	0.0688	0.0000	232.6911
2021	0.5797	1.8832	1.2745	2.5700e-003	0.0850	0.0774	0.1623	0.0442	0.0719	0.1161	0.0000	228.0956	228.0956	0.0621	0.0000	229.6472
Maximum	**0.5797**	**2.3858**	**1.2887**	**2.6000e-003**	**0.2386**	**0.1070**	**0.3456**	**0.1287**	**0.0987**	**0.2274**	**0.0000**	**230.9725**	**230.9725**	**0.0688**	**0.0000**	**232.6911**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**60.90**	**0.00**	**49.81**	**60.95**	**0.00**	**43.98**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
3	8-3-2020	11-2-2020	1.1740	1.1740
4	11-3-2020	2-2-2021	2.3469	2.3469
5	2-3-2021	5-2-2021	1.5071	1.5071
		Highest	2.3469	2.3469

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.6334	1.2000e-004	0.0126	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	0.0244	0.0244	6.0000e-005	0.0000	0.0261
Energy	2.6300e-003	0.0239	0.0201	1.4000e-004		1.8200e-003	1.8200e-003		1.8200e-003	1.8200e-003	0.0000	570.7669	570.7669	0.0233	5.2300e-003	572.9072
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Offroad	0.0708	0.6456	0.6394	8.4000e-004		0.0458	0.0458		0.0422	0.0422	0.0000	73.5245	73.5245	0.0238	0.0000	74.1190
Waste						0.0000	0.0000		0.0000	0.0000	137.3863	0.0000	137.3863	8.1193	0.0000	340.3688
Water						0.0000	0.0000		0.0000	0.0000	4.1695	60.7778	64.9473	0.0169	9.6000e-003	68.2297
Total	**0.7068**	**0.6696**	**0.6721**	**9.8000e-004**	**0.0000**	**0.0477**	**0.0477**	**0.0000**	**0.0440**	**0.0440**	**141.5558**	**705.0937**	**846.6495**	**8.1833**	**0.0148**	**1,055.6507**

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.6334	1.2000e-004	0.0126	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	0.0244	0.0244	6.0000e-005	0.0000	0.0261
Energy	2.6300e-003	0.0239	0.0201	1.4000e-004		1.8200e-003	1.8200e-003		1.8200e-003	1.8200e-003	0.0000	468.2511	468.2511	0.0190	4.3300e-003	470.0177
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Offroad	0.0708	0.6456	0.6394	8.4000e-004		0.0458	0.0458		0.0422	0.0422	0.0000	73.5245	73.5245	0.0238	0.0000	74.1190
Waste						0.0000	0.0000		0.0000	0.0000	68.6932	0.0000	68.6932	4.0597	0.0000	170.1844
Water						0.0000	0.0000		0.0000	0.0000	3.6541	54.5722	58.2263	0.0149	8.4200e-003	61.1077
Total	**0.7068**	**0.6696**	**0.6721**	**9.8000e-004**	**0.0000**	**0.0477**	**0.0477**	**0.0000**	**0.0440**	**0.0440**	**72.3473**	**596.3722**	**668.7194**	**4.1174**	**0.0128**	**775.4548**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**48.89**	**15.42**	**21.02**	**49.69**	**14.03**	**26.54**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	9/28/2020	11/16/2020	6	43	
2	Grading	Grading	9/28/2020	4/5/2021	5	136	
3	Building Construction	Building Construction	11/30/2020	3/15/2021	6	91	
4	Paving	Paving	1/11/2021	2/1/2021	6	19	
5	Architectural Coating	Architectural Coating	1/25/2021	3/8/2021	6	37	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 18.16

Acres of Paving: 7.19

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 236,819; Non-Residential Outdoor: 78,940; Striped Parking Area: 19,176 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	1	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	7	0.00	0.00	0.00	0.00	0.19	0.19	LD_Mix	HDT_Mix	HHDT
Grading	6	0.00	0.00	8,413.00	0.00	0.19	0.19	LD_Mix	HDT_Mix	HHDT
Building Construction	9	0.00	66.00	0.00	0.00	0.19	0.19	LD_Mix	HDT_Mix	HHDT
Paving	6	0.00	0.00	0.00	0.00	0.19	0.19	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	0.00	0.00	0.00	0.00	0.19	0.19	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Soil Stabilizer

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

3.2 Site Preparation - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.3884	0.0000	0.3884	0.2135	0.0000	0.2135	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0876	0.9120	0.4625	8.2000e-004		0.0472	0.0472		0.0435	0.0435	0.0000	71.8760	71.8760	0.0233	0.0000	72.4571
Total	**0.0876**	**0.9120**	**0.4625**	**8.2000e-004**	**0.3884**	**0.0472**	**0.4357**	**0.2135**	**0.0435**	**0.2570**	**0.0000**	**71.8760**	**71.8760**	**0.0233**	**0.0000**	**72.4571**

3.2 Site Preparation - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1515	0.0000	0.1515	0.0833	0.0000	0.0833	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0876	0.9120	0.4625	8.2000e-004		0.0472	0.0472		0.0435	0.0435	0.0000	71.8759	71.8759	0.0233	0.0000	72.4570
Total	**0.0876**	**0.9120**	**0.4625**	**8.2000e-004**	**0.1515**	**0.0472**	**0.1987**	**0.0833**	**0.0435**	**0.1267**	**0.0000**	**71.8759**	**71.8759**	**0.0233**	**0.0000**	**72.4570**

3.2 Site Preparation - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.3 Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.2217	0.0000	0.2217	0.1159	0.0000	0.1159	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0838	0.9103	0.5538	1.0200e-003		0.0439	0.0439		0.0404	0.0404	0.0000	89.9027	89.9027	0.0291	0.0000	90.6296
Total	**0.0838**	**0.9103**	**0.5538**	**1.0200e-003**	**0.2217**	**0.0439**	**0.2656**	**0.1159**	**0.0404**	**0.1563**	**0.0000**	**89.9027**	**89.9027**	**0.0291**	**0.0000**	**90.6296**

3.3 Grading - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	4.5600e-003	0.2314	0.0240	3.1000e-004	6.5000e-004	1.0000e-004	7.5000e-004	1.7000e-004	1.0000e-004	2.8000e-004	0.0000	29.8295	29.8295	6.9400e-003	0.0000	30.0029
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**4.5600e-003**	**0.2314**	**0.0240**	**3.1000e-004**	**6.5000e-004**	**1.0000e-004**	**7.5000e-004**	**1.7000e-004**	**1.0000e-004**	**2.8000e-004**	**0.0000**	**29.8295**	**29.8295**	**6.9400e-003**	**0.0000**	**30.0029**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0864	0.0000	0.0864	0.0452	0.0000	0.0452	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0838	0.9103	0.5538	1.0200e-003		0.0439	0.0439		0.0404	0.0404	0.0000	89.9026	89.9026	0.0291	0.0000	90.6295
Total	**0.0838**	**0.9103**	**0.5538**	**1.0200e-003**	**0.0864**	**0.0439**	**0.1304**	**0.0452**	**0.0404**	**0.0856**	**0.0000**	**89.9026**	**89.9026**	**0.0291**	**0.0000**	**90.6295**

3.3 Grading - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	4.5600e-003	0.2314	0.0240	3.1000e-004	5.2000e-004	1.0000e-004	6.2000e-004	1.4000e-004	1.0000e-004	2.4000e-004	0.0000	29.8295	29.8295	6.9400e-003	0.0000	30.0029
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**4.5600e-003**	**0.2314**	**0.0240**	**3.1000e-004**	**5.2000e-004**	**1.0000e-004**	**6.2000e-004**	**1.4000e-004**	**1.0000e-004**	**2.4000e-004**	**0.0000**	**29.8295**	**29.8295**	**6.9400e-003**	**0.0000**	**30.0029**

3.3 Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.2156	0.0000	0.2156	0.1126	0.0000	0.1126	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0767	0.8287	0.5312	9.9000e-004		0.0389	0.0389		0.0358	0.0358	0.0000	87.2799	87.2799	0.0282	0.0000	87.9856
Total	**0.0767**	**0.8287**	**0.5312**	**9.9000e-004**	**0.2156**	**0.0389**	**0.2545**	**0.1126**	**0.0358**	**0.1483**	**0.0000**	**87.2799**	**87.2799**	**0.0282**	**0.0000**	**87.9856**

3.3 Grading - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	4.1800e-003	0.2171	0.0223	3.0000e-004	6.5000e-004	9.0000e-005	7.3000e-004	1.7000e-004	8.0000e-005	2.6000e-004	0.0000	28.6559	28.6559	6.4000e-003	0.0000	28.8158
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**4.1800e-003**	**0.2171**	**0.0223**	**3.0000e-004**	**6.5000e-004**	**9.0000e-005**	**7.3000e-004**	**1.7000e-004**	**8.0000e-005**	**2.6000e-004**	**0.0000**	**28.6559**	**28.6559**	**6.4000e-003**	**0.0000**	**28.8158**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0841	0.0000	0.0841	0.0439	0.0000	0.0439	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0767	0.8287	0.5312	9.9000e-004		0.0389	0.0389		0.0358	0.0358	0.0000	87.2798	87.2798	0.0282	0.0000	87.9855
Total	**0.0767**	**0.8287**	**0.5312**	**9.9000e-004**	**0.0841**	**0.0389**	**0.1230**	**0.0439**	**0.0358**	**0.0797**	**0.0000**	**87.2798**	**87.2798**	**0.0282**	**0.0000**	**87.9855**

3.3 Grading - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	4.1800e-003	0.2171	0.0223	3.0000e-004	5.1000e-004	9.0000e-005	6.0000e-004	1.4000e-004	8.0000e-005	2.2000e-004	0.0000	28.6559	28.6559	6.4000e-003	0.0000	28.8158
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**4.1800e-003**	**0.2171**	**0.0223**	**3.0000e-004**	**5.1000e-004**	**9.0000e-005**	**6.0000e-004**	**1.4000e-004**	**8.0000e-005**	**2.2000e-004**	**0.0000**	**28.6559**	**28.6559**	**6.4000e-003**	**0.0000**	**28.8158**

3.4 Building Construction - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0297	0.2686	0.2359	3.8000e-004		0.0156	0.0156		0.0147	0.0147	0.0000	32.4254	32.4254	7.9100e-003	0.0000	32.6232
Total	**0.0297**	**0.2686**	**0.2359**	**3.8000e-004**		**0.0156**	**0.0156**		**0.0147**	**0.0147**	**0.0000**	**32.4254**	**32.4254**	**7.9100e-003**	**0.0000**	**32.6232**

3.4 Building Construction - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.5100e-003	0.0635	0.0124	7.0000e-005	1.8000e-004	4.0000e-005	2.3000e-004	6.0000e-005	4.0000e-005	1.0000e-004	0.0000	6.9392	6.9392	1.5800e-003	0.0000	6.9786
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.5100e-003**	**0.0635**	**0.0124**	**7.0000e-005**	**1.8000e-004**	**4.0000e-005**	**2.3000e-004**	**6.0000e-005**	**4.0000e-005**	**1.0000e-004**	**0.0000**	**6.9392**	**6.9392**	**1.5800e-003**	**0.0000**	**6.9786**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0297	0.2686	0.2359	3.8000e-004		0.0156	0.0156		0.0147	0.0147	0.0000	32.4254	32.4254	7.9100e-003	0.0000	32.6231
Total	**0.0297**	**0.2686**	**0.2359**	**3.8000e-004**		**0.0156**	**0.0156**		**0.0147**	**0.0147**	**0.0000**	**32.4254**	**32.4254**	**7.9100e-003**	**0.0000**	**32.6231**

3.4 Building Construction - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.5100e-003	0.0635	0.0124	7.0000e-005	1.5000e-004	4.0000e-005	2.0000e-004	5.0000e-005	4.0000e-005	9.0000e-005	0.0000	6.9392	6.9392	1.5800e-003	0.0000	6.9786
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.5100e-003**	**0.0635**	**0.0124**	**7.0000e-005**	**1.5000e-004**	**4.0000e-005**	**2.0000e-004**	**5.0000e-005**	**4.0000e-005**	**9.0000e-005**	**0.0000**	**6.9392**	**6.9392**	**1.5800e-003**	**0.0000**	**6.9786**

3.4 Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0599	0.5491	0.5221	8.5000e-004		0.0302	0.0302		0.0284	0.0284	0.0000	72.9657	72.9657	0.0176	0.0000	73.4058
Total	**0.0599**	**0.5491**	**0.5221**	**8.5000e-004**		**0.0302**	**0.0302**		**0.0284**	**0.0284**	**0.0000**	**72.9657**	**72.9657**	**0.0176**	**0.0000**	**73.4058**

3.4 Building Construction - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.1500e-003	0.1373	0.0260	1.6000e-004	4.1000e-004	5.0000e-005	4.7000e-004	1.3000e-004	5.0000e-005	1.7000e-004	0.0000	15.4485	15.4485	3.3600e-003	0.0000	15.5325
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**3.1500e-003**	**0.1373**	**0.0260**	**1.6000e-004**	**4.1000e-004**	**5.0000e-005**	**4.7000e-004**	**1.3000e-004**	**5.0000e-005**	**1.7000e-004**	**0.0000**	**15.4485**	**15.4485**	**3.3600e-003**	**0.0000**	**15.5325**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0599	0.5491	0.5221	8.5000e-004		0.0302	0.0302		0.0284	0.0284	0.0000	72.9657	72.9657	0.0176	0.0000	73.4057
Total	**0.0599**	**0.5491**	**0.5221**	**8.5000e-004**		**0.0302**	**0.0302**		**0.0284**	**0.0284**	**0.0000**	**72.9657**	**72.9657**	**0.0176**	**0.0000**	**73.4057**

3.4 Building Construction - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.1500e-003	0.1373	0.0260	1.6000e-004	3.5000e-004	5.0000e-005	4.0000e-004	1.1000e-004	5.0000e-005	1.6000e-004	0.0000	15.4485	15.4485	3.3600e-003	0.0000	15.5325
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**3.1500e-003**	**0.1373**	**0.0260**	**1.6000e-004**	**3.5000e-004**	**5.0000e-005**	**4.0000e-004**	**1.1000e-004**	**5.0000e-005**	**1.6000e-004**	**0.0000**	**15.4485**	**15.4485**	**3.3600e-003**	**0.0000**	**15.5325**

3.5 Paving - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0119	0.1227	0.1392	2.2000e-004		6.4400e-003	6.4400e-003		5.9200e-003	5.9200e-003	0.0000	19.0223	19.0223	6.1500e-003	0.0000	19.1761
Paving	9.4200e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0214**	**0.1227**	**0.1392**	**2.2000e-004**		**6.4400e-003**	**6.4400e-003**		**5.9200e-003**	**5.9200e-003**	**0.0000**	**19.0223**	**19.0223**	**6.1500e-003**	**0.0000**	**19.1761**

3.5 Paving - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0119	0.1227	0.1392	2.2000e-004		6.4400e-003	6.4400e-003		5.9200e-003	5.9200e-003	0.0000	19.0223	19.0223	6.1500e-003	0.0000	19.1761
Paving	9.4200e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0214**	**0.1227**	**0.1392**	**2.2000e-004**		**6.4400e-003**	**6.4400e-003**		**5.9200e-003**	**5.9200e-003**	**0.0000**	**19.0223**	**19.0223**	**6.1500e-003**	**0.0000**	**19.1761**

3.5 Paving - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.6 Architectural Coating - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.4103					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.0500e-003	0.0283	0.0336	5.0000e-005		1.7400e-003	1.7400e-003		1.7400e-003	1.7400e-003	0.0000	4.7235	4.7235	3.2000e-004	0.0000	4.7316
Total	**0.4144**	**0.0283**	**0.0336**	**5.0000e-005**		**1.7400e-003**	**1.7400e-003**		**1.7400e-003**	**1.7400e-003**	**0.0000**	**4.7235**	**4.7235**	**3.2000e-004**	**0.0000**	**4.7316**

3.6 Architectural Coating - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.4103					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.0500e-003	0.0283	0.0336	5.0000e-005		1.7400e-003	1.7400e-003		1.7400e-003	1.7400e-003	0.0000	4.7235	4.7235	3.2000e-004	0.0000	4.7316
Total	**0.4144**	**0.0283**	**0.0336**	**5.0000e-005**		**1.7400e-003**	**1.7400e-003**		**1.7400e-003**	**1.7400e-003**	**0.0000**	**4.7235**	**4.7235**	**3.2000e-004**	**0.0000**	**4.7316**

3.6 Architectural Coating - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Discount Club	0.00	0.00	0.00		
Gasoline/Service Station	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Discount Club	18.50	10.10	7.90	16.70	64.30	19.00	45	40	15
Gasoline/Service Station	18.50	10.10	7.90	2.00	79.00	19.00	14	27	59
Parking Lot	18.50	10.10	7.90	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Discount Club	0.542116	0.037578	0.185203	0.118503	0.016241	0.005141	0.017392	0.068695	0.001383	0.001183	0.004582	0.000945	0.001038
Gasoline/Service Station	0.542116	0.037578	0.185203	0.118503	0.016241	0.005141	0.017392	0.068695	0.001383	0.001183	0.004582	0.000945	0.001038
Parking Lot	0.542116	0.037578	0.185203	0.118503	0.016241	0.005141	0.017392	0.068695	0.001383	0.001183	0.004582	0.000945	0.001038

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Install High Efficiency Lighting

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	442.2501	442.2501	0.0185	3.8600e-003	443.8622
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	544.7659	544.7659	0.0228	4.7500e-003	546.7517
NaturalGas Mitigated	2.6300e-003	0.0239	0.0201	1.4000e-004		1.8200e-003	1.8200e-003		1.8200e-003	1.8200e-003	0.0000	26.0010	26.0010	5.0000e-004	4.8000e-004	26.1555
NaturalGas Unmitigated	2.6300e-003	0.0239	0.0201	1.4000e-004		1.8200e-003	1.8200e-003		1.8200e-003	1.8200e-003	0.0000	26.0010	26.0010	5.0000e-004	4.8000e-004	26.1555

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Discount Club	340464	1.8400e-003	0.0167	0.0140	1.0000e-004		1.2700e-003	1.2700e-003		1.2700e-003	1.2700e-003	0.0000	18.1684	18.1684	3.5000e-004	3.3000e-004	18.2764
Gasoline/Service Station	146777	7.9000e-004	7.1900e-003	6.0400e-003	4.0000e-005		5.5000e-004	5.5000e-004		5.5000e-004	5.5000e-004	0.0000	7.8326	7.8326	1.5000e-004	1.4000e-004	7.8791
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**2.6300e-003**	**0.0239**	**0.0201**	**1.4000e-004**		**1.8200e-003**	**1.8200e-003**		**1.8200e-003**	**1.8200e-003**	**0.0000**	**26.0010**	**26.0010**	**5.0000e-004**	**4.7000e-004**	**26.1555**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Discount Club	340464	1.8400e-003	0.0167	0.0140	1.0000e-004		1.2700e-003	1.2700e-003		1.2700e-003	1.2700e-003	0.0000	18.1684	18.1684	3.5000e-004	3.3000e-004	18.2764
Gasoline/Service Station	146777	7.9000e-004	7.1900e-003	6.0400e-003	4.0000e-005		5.5000e-004	5.5000e-004		5.5000e-004	5.5000e-004	0.0000	7.8326	7.8326	1.5000e-004	1.4000e-004	7.8791
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**2.6300e-003**	**0.0239**	**0.0201**	**1.4000e-004**		**1.8200e-003**	**1.8200e-003**		**1.8200e-003**	**1.8200e-003**	**0.0000**	**26.0010**	**26.0010**	**5.0000e-004**	**4.7000e-004**	**26.1555**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Discount Club	1.93696e+006	503.7491	0.0211	4.3900e-003	505.5853
Gasoline/Service Station	45853.6	11.9252	5.0000e-004	1.0000e-004	11.9687
Parking Lot	111860	29.0916	1.2200e-003	2.5000e-004	29.1977
Total		**544.7659**	**0.0228**	**4.7400e-003**	**546.7517**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Discount Club	1.59282e+006	414.2469	0.0173	3.6100e-003	415.7569
Gasoline/Service Station	40559	10.5483	4.4000e-004	9.0000e-005	10.5867
Parking Lot	67116	17.4550	7.3000e-004	1.5000e-004	17.5186
Total		**442.2501**	**0.0185**	**3.8500e-003**	**443.8622**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.6334	1.2000e-004	0.0126	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	0.0244	0.0244	6.0000e-005	0.0000	0.0261
Unmitigated	0.6334	1.2000e-004	0.0126	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	0.0244	0.0244	6.0000e-005	0.0000	0.0261

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0410					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.5912					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.1800e-003	1.2000e-004	0.0126	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	0.0244	0.0244	6.0000e-005	0.0000	0.0261
Total	**0.6334**	**1.2000e-004**	**0.0126**	**0.0000**		**5.0000e-005**	**5.0000e-005**		**5.0000e-005**	**5.0000e-005**	**0.0000**	**0.0244**	**0.0244**	**6.0000e-005**	**0.0000**	**0.0261**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0410					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.5912					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.1800e-003	1.2000e-004	0.0126	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	0.0244	0.0244	6.0000e-005	0.0000	0.0261
Total	**0.6334**	**1.2000e-004**	**0.0126**	**0.0000**		**5.0000e-005**	**5.0000e-005**		**5.0000e-005**	**5.0000e-005**	**0.0000**	**0.0244**	**0.0244**	**6.0000e-005**	**0.0000**	**0.0261**

7.0 Water Detail

7.1 Mitigation Measures Water

Install Low Flow Bathroom Faucet

Install Low Flow Toilet

Use Water Efficient Irrigation System

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	58.2263	0.0149	8.4200e-003	61.1077
Unmitigated	64.9473	0.0169	9.6000e-003	68.2297

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Discount Club	11.3598 / 6.96243	62.6050	0.0163	9.2500e-003	65.7689
Gasoline/Service Station	0.42502 / 0.260496	2.3423	6.1000e-004	3.5000e-004	2.4607
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**64.9473**	**0.0169**	**9.6000e-003**	**68.2297**

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Discount Club	9.9557 / 6.53773	56.1263	0.0143	8.1200e-003	58.9038
Gasoline/Service Station	0.372488 / 0.244606	2.0999	5.4000e-004	3.0000e-004	2.2039
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**58.2263**	**0.0149**	**8.4200e-003**	**61.1077**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	68.6932	4.0597	0.0000	170.1844
Unmitigated	137.3863	8.1193	0.0000	340.3688

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Discount Club	659.56	133.8847	7.9124	0.0000	331.6937
Gasoline/Service Station	17.25	3.5016	0.2069	0.0000	8.6751
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Total		**137.3863**	**8.1193**	**0.0000**	**340.3688**

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Discount Club	329.78	66.9424	3.9562	0.0000	165.8469
Gasoline/Service Station	8.625	1.7508	0.1035	0.0000	4.3375
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Total		**68.6932**	**4.0597**	**0.0000**	**170.1844**

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
Forklifts	3	8.00	365	89	0.20	CNG

UnMitigated/Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Equipment Type	tons/yr										MT/yr					
Forklifts	0.0708	0.6456	0.6394	8.4000e-004		0.0458	0.0458		0.0422	0.0422	0.0000	73.5245	73.5245	0.0238	0.0000	74.1190
Total	**0.0708**	**0.6456**	**0.6394**	**8.4000e-004**		**0.0458**	**0.0458**		**0.0422**	**0.0422**	**0.0000**	**73.5245**	**73.5245**	**0.0238**	**0.0000**	**74.1190**

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

HRA Emissions Input - Unmitigated

Construction - Unmitigated

Source	DPM Total lb	DPM lb/hr
Off-road Equipment	1,062.24	0.40
On-site Truck Trips	1.06	3.94E-04

CalEEMod Annual PM10 Exhaust Emissions				
Year	Costco	Vineyard II	Warm Springs Parkway	Total (TPY)
Off-Road Equipment				
2020	0.11	0.04	0.05	0.20
2021	0.08	0.26	0.00	0.33
Total	**0.18**	**0.30**	**0.05**	**0.53**
On-Site Truck Trips				
2020	1.40E-04	2.00E-05	1.00E-05	1.70E-04
2021	1.40E-04	2.20E-04	0.00E+00	3.60E-04
Total	**2.80E-04**	**2.40E-04**	**1.00E-05**	**5.30E-04**

Operational

		Trip Distance		Idling Time	Vehicle Count		Emission Factors DPM	Emission Factors TOG	DPM		TOG		Benzene		Ethylbenzene		Naphthalene	
Source Name	Description	meters	miles	hr/veh	veh/hr	veh/yr	g/veh/hr, g/mile	g/veh/hr, g/mile	lb/year	lb/hr	lb/year	lb/hr	lb/year	lb/hr	lb/year	lb/hr	lb/year	lb/hr
Refueling	Island Refueling	-	-	-	-	-	-	-	-	-	-	-	37.96	6.50E-03	8.89	1.52E-03	3.33E-02	5.70E-06
Spillage	Island Spillage	-	-	-	-	-	-	-	-	-	-	-	44.20	7.57E-03	80.60	1.38E-02	1.09E+01	1.86E-03
Hose	Hose Permation	-	-	-	-	-	-	-	-	-	-	-	1.07	1.83E-04	0.25	4.29E-05	9.36E-04	1.60E-07
Loading	Vent Loading	-	-	-	-	-	-	-	-	-	-	-	17.76	2.03E-03	4.19	4.78E-04	1.56E-02	1.78E-06
Breathing	Vent Breathing	-	-	-	-	-	-	-	-	-	-	-	2.83	3.24E-04	0.67	7.63E-05	2.50E-03	2.85E-07
Idling1	Costco Truck Idling (15 minutes)	-	-	0.25	10	3,650	0.00254	-	0.005	1.40E-05	-	-	-	-	-	-	-	-
Idling2	Costco Fuel Truck Idling (15 minutes)	-	-	0.25	9	3,285	0.00254	-	0.005	1.26E-05	-	-	-	-	-	-	-	-
Idling3	Building J Major Retail (15 minutes)	-	-	0.25	4	208	0.00254	-	0.000	5.60E-06	-	-	-	-	-	-	-	-
Idling4	I-2 Idling (15 minutes)	-	-	0.25	1	52	0.00254	-	0.000	1.40E-06	-	-	-	-	-	-	-	-
Idling5	Fast Food Idling (15 minutes)	-	-	0.25	2	104	0.00254	-	0.000	2.80E-06	-	-	-	-	-	-	-	-
Idling6	Shops L Idling (15 minutes)	-	-	0.25	1	52	0.00254	-	0.000	1.40E-06	-	-	-	-	-	-	-	-
Idling1/TRU	Costco TRU Idling (30 minutes)	-	-	0.50	5	1,825	0.00025	-	0.001	1.37E-06	-	-	-	-	-	-	-	-
Idling 5/TRU	Fast Food TRU Idling (30 minutes)	-	-	0.50	2	104	0.00025	-	0.000	5.49E-07	-	-	-	-	-	-	-	-
Idling 6/TRU	Shops L TRU Idling (30 minutes)	-	-	0.50	1	52	0.00025	-	0.000	2.74E-07	-	-	-	-	-	-	-	-
GAST1	Costco Gas Station Truck Traveling Onsite (15	183.00	0.11	-	5	1,643	0.06831	-	0.028	7.71E-05	-	-	-	-	-	-	-	-
GAST2	Costco Gas Station Truck Traveling Onsite (15	263.50	0.16	-	5	1,643	0.06831	-	0.040	1.11E-04	-	-	-	-	-	-	-	-
COSTCOT1	Costco Truck Traveling Onsite (15 mph)	215.40	0.13	-	10	3,650	0.06831	-	0.074	2.02E-04	-	-	-	-	-	-	-	-
VINET1	Vineyard II Truck Traveling Onsite (15 mph)	441.20	0.27	-	8	416	0.06831	-	0.017	3.30E-04	-	-	-	-	-	-	-	-
ALLT1	Truck Traveling Onsite (40 mph)	352.20	0.22	-	27	7,351	0.04367	-	0.155	5.69E-04	-	-	-	-	-	-	-	-
ALLT2	Truck Traveling Offsite (40 mph)	906.40	0.56	-	27	7,351	0.04367	-	0.399	1.46E-03	-	-	-	-	-	-	-	-
ALLT3	Truck Traveling Offsite (40 mph)	667.60	0.41	-	27	7,351	0.04367	-	0.294	1.08E-03	-	-	-	-	-	-	-	-
ALLT4	Freeway NB Truck Travel (55 mph)	4290.1	2.67	-	27	7,351	0.00029	-	0.012	4.55E-05	-	-	-	-	-	-	-	-
ALLT5	Freeway SB Truck Travel (55 mph)	4292.4	2.67	-	27	7,351	0.00029	-	0.012	4.56E-05	-	-	-	-	-	-	-	-

Gasoline Vehicle TOG Speciation Tailpipe Emissions

Source ID	CIDLING1	COSTCOC1	VINEC1	ALLC1	ALLC2	ALLC3	ALLC4
Description	tation Idling (10	Traveling Onsi	r Traveling On	eling Offsite (1	eling Offsite (2	ar Travel (55	Car Travel (55 and 65 mph)
Idling Time (hr/vehicle)	0.17	-	-	-	-	-	-
Trip Distance (meters)	-	942.2	591.6	1264.8	665.6	4292.4	4290.1
Trip Distance (miles)	-	0.59	0.37	0.79	0.41	2.67	2.67
Vehicle Count (vehicles/hour)	365	8,359	4,394	8,672	8,672	1,579	3,167
Vehicle Count (vehicles/year)	1,521,765	3,051,035	1,603,810	3,165,295	3,165,295	576,185	1,155,882
TOG (g/veh/hr; g/mile)	6.75E-03	2.13E-01	2.13E-01	3.20E-02	3.20E-02	3.33E-02	3.33E-02

TOG due to Tailpipe Emissions

Source ID		CIDLING1	COSTCOC1	VINEC1	ALLC1	ALLC2	ALLC3	ALLC4	CIDLING1		COSTCOC1		VINEC1		ALLC1		ALLC2		ALLC3		ALLC4	
Toxic Compound	EMFAC Gasoline TOG Speciation[1]	Emission Factor (g/veh/hr)	Emission Factor (g/mile)	Emission Factor (g/beh/hr; g/mile)	Emission Factor (g/mile)	Emission Factor (g/mile)	Emission Factor (g/mile)	Emission Factor (g/mile)	Emissions (lb/year)	Emissions (lb/hr)	Emissions (lb/year)	Emissions (lb/hr)	Emissions (lb/year)	Emissions (lb/hr)	Emissions (lb/year)	Emissions (lb/hr)	Emissions (lb/year)	Emissions (lb/hr)	Emissions (lb/year)	Emissions (lb/hr)	Emissions (lb/year)	Emissions (lb/hr)
DPM	N/A	3.06E-04	1.84E-03	1.84E-03	2.87E-04	2.87E-04	1.13E-03	1.13E-03	1.71E-01	4.10E-05	7.25E+00	1.99E-02	2.39E+00	6.56E-03	1.57E+00	4.31E-03	8.28E-01	2.27E-03	3.83E+00	1.05E-02	7.67E+00	2.10E-02
Acetaldehyde	0.28%	1.89E-05	5.97E-04	5.97E-04	8.97E-05	8.97E-05	9.33E-05	9.33E-05	1.06E-02	2.53E-06	2.35E+00	6.44E-03	7.76E-01	2.13E-03	4.92E-01	1.35E-03	2.59E-01	7.09E-04	3.16E-01	8.66E-04	6.34E-01	1.74E-03
Acrolein	0.13%	8.77E-06	2.77E-04	2.77E-04	4.16E-05	4.16E-05	4.33E-05	4.33E-05	4.90E-03	1.18E-06	1.09E+00	2.99E-03	3.60E-01	9.87E-04	2.28E-01	6.26E-04	1.20E-01	3.29E-04	1.47E-01	4.02E-04	2.94E-01	8.06E-04
Benzene	2.47%	1.67E-04	5.27E-03	5.27E-03	7.91E-04	7.91E-04	8.23E-04	8.23E-04	9.32E-02	2.23E-05	2.07E+01	5.68E-02	6.84E+00	1.88E-02	4.34E+00	1.19E-02	2.28E+00	6.26E-03	2.79E+00	7.64E-03	5.59E+00	1.53E-02
1,3-Butadiene	0.55%	3.71E-05	1.17E-03	1.17E-03	1.76E-04	1.76E-04	1.83E-04	1.83E-04	2.07E-02	4.98E-06	4.62E+00	1.27E-02	1.52E+00	4.18E-03	9.66E-01	2.65E-03	5.08E-01	1.39E-03	6.21E-01	1.70E-03	1.25E+00	3.41E-03
Ethylbenzene	1.05%	7.08E-05	2.24E-03	2.24E-03	3.36E-04	3.36E-04	3.50E-04	3.50E-04	3.96E-02	9.50E-06	8.82E+00	2.42E-02	2.91E+00	7.97E-03	1.84E+00	5.05E-03	9.71E-01	2.66E-03	1.19E+00	3.25E-03	2.38E+00	6.51E-03
Formaldehyde	1.58%	1.07E-04	3.37E-03	3.37E-03	5.06E-04	5.06E-04	5.27E-04	5.27E-04	5.96E-02	1.43E-05	1.33E+01	3.63E-02	4.38E+00	1.20E-02	2.78E+00	7.60E-03	1.46E+00	4.00E-03	1.78E+00	4.89E-03	3.58E+00	9.80E-03
Hexane	1.60%	1.08E-04	3.41E-03	3.41E-03	5.12E-04	5.12E-04	5.33E-04	5.33E-04	6.04E-02	1.45E-05	1.34E+01	3.68E-02	4.43E+00	1.21E-02	2.81E+00	7.70E-03	1.48E+00	4.05E-03	1.81E+00	4.95E-03	3.62E+00	9.93E-03
Methanol	0.12%	8.10E-06	2.56E-04	2.56E-04	3.84E-05	3.84E-05	4.00E-05	4.00E-05	4.53E-03	1.09E-06	1.01E+00	2.76E-03	3.33E-01	9.11E-04	2.11E-01	5.77E-04	1.11E-01	3.04E-04	1.36E-01	3.71E-04	2.72E-01	7.44E-04
Methyl Ethyl Keton	0.02%	1.35E-06	4.26E-05	4.26E-05	6.41E-06	6.41E-06	6.67E-06	6.67E-06	7.54E-04	1.81E-07	1.68E-01	4.60E-04	5.54E-02	1.52E-04	3.51E-02	9.62E-05	1.85E-02	5.07E-05	2.26E-02	6.19E-05	4.53E-02	1.24E-04
Naphthalene	0.05%	3.37E-06	1.07E-04	1.07E-04	1.60E-05	1.60E-05	1.67E-05	1.67E-05	1.89E-03	4.52E-07	4.20E-01	1.15E-03	1.39E-01	3.80E-04	8.78E-02	2.41E-04	4.62E-02	1.27E-04	5.65E-02	1.55E-04	1.13E-01	3.10E-04
Propylene	3.06%	2.06E-04	6.52E-03	6.52E-03	9.80E-04	9.80E-04	1.02E-03	1.02E-03	1.15E-01	2.77E-05	2.57E+01	7.04E-02	8.48E+00	2.32E-02	5.38E+00	1.47E-02	2.83E+00	7.75E-03	3.46E+00	9.47E-03	6.93E+00	1.90E-02
Styrene	0.12%	8.10E-06	2.56E-04	2.56E-04	3.84E-05	3.84E-05	4.00E-05	4.00E-05	4.53E-03	1.09E-06	1.01E+00	2.76E-03	3.33E-01	9.11E-04	2.11E-01	5.77E-04	1.11E-01	3.04E-04	1.36E-01	3.71E-04	2.72E-01	7.44E-04
Toluene	5.76%	3.89E-04	1.23E-02	1.23E-02	1.84E-03	1.84E-03	1.92E-03	1.92E-03	2.17E-01	5.21E-05	4.84E+01	1.32E-01	1.60E+01	4.37E-02	1.01E+01	2.77E-02	5.32E+00	1.46E-02	6.51E+00	1.78E-02	1.30E+01	3.57E-02
Xylenes	4.80%	3.24E-04	1.02E-02	1.02E-02	1.54E-03	1.54E-03	1.60E-03	1.60E-03	1.81E-01	4.34E-05	4.03E+01	1.10E-01	1.33E+01	3.64E-02	8.43E+00	2.31E-02	4.44E+00	1.22E-02	5.42E+00	1.49E-02	1.09E+01	2.98E-02

TOG due to Evaporative Losses

Toxic Compound	EMFAC Gasoline TOG Speciation[1]	Emission Factor (g/veh/hr)	Emission Factor (g/mile)	Emission Factor (g/beh/hr; g/mile)	Emission Factor (g/mile)	Emission Factor (g/mile)	Emission Factor (g/mile)	Emission Factor (g/mile)	Emissions (lb/year)	Emissions (lb/hr)	Emissions (lb/year)	Emissions (lb/hr)	Emissions (lb/year)	Emissions (lb/hr)	Emissions (lb/year)	Emissions (lb/hr)	Emissions (lb/year)	Emissions (lb/hr)	Emissions (lb/year)	Emissions (lb/hr)	Emissions (lb/year)	Emissions (lb/hr)
Benzene	0.36%	2.43E-05	7.68E-04	7.68E-04	1.15E-04	1.15E-04	1.20E-04	1.20E-04	1.36E-02	3.26E-06	3.02E+00	8.28E-03	9.98E-01	2.73E-03	6.32E-01	1.73E-03	3.33E-01	9.12E-04	4.07E-01	1.11E-03	8.15E-01	2.23E-03
Ethylbenzene	0.12%	8.10E-06	2.56E-04	2.56E-04	3.84E-05	3.84E-05	4.00E-05	4.00E-05	4.53E-03	1.09E-06	1.01E+00	2.76E-03	3.33E-01	9.11E-04	2.11E-01	5.77E-04	1.11E-01	3.04E-04	1.36E-01	3.71E-04	2.72E-01	7.44E-04
Hexane	1.54%	1.04E-04	3.28E-03	3.28E-03	4.93E-04	4.93E-04	5.13E-04	5.13E-04	5.81E-02	1.39E-05	1.29E+01	3.54E-02	4.27E+00	1.17E-02	2.71E+00	7.41E-03	1.42E+00	3.90E-03	1.74E+00	4.76E-03	3.49E+00	9.55E-03
Toluene	1.70%	1.15E-04	3.62E-03	3.62E-03	5.44E-04	5.44E-04	5.67E-04	5.67E-04	6.41E-02	1.54E-05	1.43E+01	3.91E-02	4.71E+00	1.29E-02	2.99E+00	8.18E-03	1.57E+00	4.31E-03	1.92E+00	5.26E-03	3.85E+00	1.05E-02
Xylenes	0.58%	3.91E-05	1.24E-03	1.24E-03	1.86E-04	1.86E-04	1.93E-04	1.93E-04	2.19E-02	5.25E-06	4.87E+00	1.33E-02	1.61E+00	4.40E-03	1.02E+00	2.79E-03	5.36E-01	1.47E-03	6.55E-01	1.79E-03	1.31E+00	3.60E-03

Assumptions:
Costco 10 trucks per day
Costco 50% of deliveries are TRU
Costco Fuel Station 9 trucks per day
Vineyard 8 deliveries per week (I-2 Sub-Major Retail 1 delivery per week, Building J 4 deliveries per week, 1,200 square foot food 1 TRU delivery per week, Casual dining 2 TRU deliveries per week)
Vineyard 3 TRU deliveries per week

Conversions:
1 lb = 453.6 g
1 mile = 1609.344 meters

Source:
1. EMFAC gasoline TOG speciation from BAAQMD CEQA Risk Modeling Approach https://www.baaqmd.gov/~/media/Files/Planning%20and%20Research/CEQA/Risk%20Modeling%20Approach%20May%202012.ashx?la=en

HRA Emissions Input - Mitigated

Construction - Mitigated

Source	DPM Total lb	DPM lb/hr
Off-road Equipment	99.78	0.037
On-site Haul Trucks	1.06	3.94E-04

CalEEMod Annual PM10 Exhaust Emissions				
Year	Costco	Vineyard II	Warm Springs Parkway	Total (TPY)
Off-Road Equipment				
2020	4.29E-03	1.85E-03	1.75E-03	7.89E-03
2021	4.89E-03	3.71E-02	0.00E+00	4.20E-02
Total	**9.18E-03**	**3.90E-02**	**1.75E-03**	**4.99E-02**
On-Site Haul Trucks				
2020	1.40E-04	2.00E-05	0.00E+00	1.60E-04
2021	1.30E-04	2.20E-04	0.00E+00	3.50E-04
Total	**2.70E-04**	**2.40E-04**	**0.00E+00**	**5.10E-04**

EMFAC2017 (v1.0.2) Emission Rates
Region Type: County
Region: RIVERSIDE
Calendar Year: 2021
Season: Annual
Vehicle Classification: EMFAC2007 Categories
Units: miles/day for VMT, trips/day for Trips, g/mile for RUNEX, PMBW and PMTW, g/trip for STREX, HTSK and RUNLS, g/vehicle/day for IDLEX, RE

Region	Calendar Y	Vehicle Cat	Model Yea	Speed	Fuel	Population	VMT	Trips	TOG_IDLE	PM10_IDLI	TOG_IDLE	PM10_IDLE
									g/veh/day	g/veh/day	g/veh/hr	g/veh/hr
RIVERSIDE	2021	HHDT	Aggregate	Aggregate	DSL	27250.49	3825933	312944.6		0.123348		0.001127
RIVERSIDE	2021	MHDT	Aggregate	Aggregate	DSL	15756.36	963068.1	151121.4		0.029217		0.004986
									HHDT and MHDT Composite			**0.002541**
RIVERSIDE	2021	LDA	Aggregate	Aggregate	GAS	750300.9	29816029	3552292	0	0	0	0
RIVERSIDE	2021	LDA	Aggregate	Aggregate	DSL	6761.576	284051.9	32376.68	0	0	0	0
RIVERSIDE	2021	LDA	Aggregate	Aggregate	ELEC	10150.83	397377.3	51147.17	0	0	0	0
RIVERSIDE	2021	LDT1	Aggregate	Aggregate	GAS	80587.48	3017206	366690.9	0	0	0	0
RIVERSIDE	2021	LDT1	Aggregate	Aggregate	DSL	42.61598	937.3229	139.3726	0	0	0	0
RIVERSIDE	2021	LDT1	Aggregate	Aggregate	ELEC	312.6717	12704.03	1592.297	0	0	0	0
RIVERSIDE	2021	LDT2	Aggregate	Aggregate	GAS	246596.5	9631964	1154463	0	0	0	0
RIVERSIDE	2021	LDT2	Aggregate	Aggregate	DSL	1288.993	58422.34	6390.045	0	0	0	0
RIVERSIDE	2021	LDT2	Aggregate	Aggregate	ELEC	1692.169	54349.02	8602.01	0	0	0	0
RIVERSIDE	2021	LHDT1	Aggregate	Aggregate	GAS	20885.97	692854.1	311169.9	0.666341	0	0.382955	0
RIVERSIDE	2021	LHDT1	Aggregate	Aggregate	DSL	19999.78	695951.6	251572	0	0.027287	0	0.015682
RIVERSIDE	2021	LHDT2	Aggregate	Aggregate	GAS	3292.647	108726.5	49055.53	0.668627	0	0.357554	0
RIVERSIDE	2021	LHDT2	Aggregate	Aggregate	DSL	7676.541	267713.8	96561.22	0	0.027304	0	0.014601
RIVERSIDE	2021	MCY	Aggregate	Aggregate	GAS	35659.72	267522.4	71319.43	0	0	0	0
RIVERSIDE	2021	MDV	Aggregate	Aggregate	GAS	208791.4	7677993	957457.8	0	0	0	0
RIVERSIDE	2021	MDV	Aggregate	Aggregate	DSL	3985.675	171354.6	19488.5	0	0	0	0
RIVERSIDE	2021	MDV	Aggregate	Aggregate	ELEC	787.1077	25973.7	4035.648	0	0	0	0
RIVERSIDE	2021	MH	Aggregate	Aggregate	GAS	6261.086	50694.81	626.359	0	0	0	0
RIVERSIDE	2021	MH	Aggregate	Aggregate	DSL	2593.425	21461.99	259.3425	0	0	0	0
RIVERSIDE	2021	OBUS	Aggregate	Aggregate	GAS	589.4801	27261.01	11794.32	1.087611	0	0.184341	0
RIVERSIDE	2021	OBUS	Aggregate	Aggregate	DSL	347.993	24855.13	3314.356	0	0.077083	0	0.013065
RIVERSIDE	2021	SBUS	Aggregate	Aggregate	GAS	475.4713	19228.88	1901.885	15.52537	0	0.488219	0
RIVERSIDE	2021	SBUS	Aggregate	Aggregate	DSL	1131.956	35858.76	13062.61	0	0.053748	0	0.00169
RIVERSIDE	2021	UBUS	Aggregate	Aggregate	GAS	163.4848	23017.82	653.9394	0	0	0	0
RIVERSIDE	2021	UBUS	Aggregate	Aggregate	DSL	1.105798	58.5719	4.423192	0	0	0	0
RIVERSIDE	2021	UBUS	Aggregate	Aggregate	ELEC	5.058469	271.5304	20.23388	0	0	0	0
RIVERSIDE	2021	UBUS	Aggregate	Aggregate	NG	306.6216	41979.73	1226.486	0	0	0	0
									LDA, LDT1, LDT2, LHDT1, LHDT2, MCY, MDV, MH, OBUS, SBUS, and UBUS Composite		**0.0067**	**0.0003**

Notes:
e Duration:

HHDT	109.4	min/day
MHDT	5.86	min/day
LHDT1	1.74	min/day
LHDT2	1.87	min/day
OBUS	5.9	min/day
SBUS	31.8	min/day

EMFAC2017 (v1.0.2) Emission Rates
Region Type: County
Region: RIVERSIDE
Calendar Year: 2021
Season: Annual
Vehicle Classification: EMFAC2007 Categories
Units: miles/day for VMT, trips/day for Trips, g/mile for RUNEX, PMBW and PMTW, g/trip for STREX, HTSK and RUNLS

Region	Calendar Y	Vehicle Cat	Model Year	Speed	Fuel	VMT	TOG_RUNE	PM10_RUNEX
RIVERSIDE	2021	HHDT	Aggregated	15	DSL	6117.946	0	0.050996
RIVERSIDE	2021	MHDT	Aggregated	15	DSL	1962.902	0	0.122264
				HHDT and MHDT Composite			**0**	**0.068308**
RIVERSIDE	2021	LDA	Aggregated	15	DSL	866.093	0	0.01626
RIVERSIDE	2021	LDT1	Aggregated	15	DSL	3.022153	0	0.386057
RIVERSIDE	2021	LDT2	Aggregated	15	DSL	185.1373	0	0.012169
RIVERSIDE	2021	LHDT1	Aggregated	15	DSL	1317.893	0	0.044409
RIVERSIDE	2021	LHDT2	Aggregated	15	DSL	511.6154	0	0.041125
RIVERSIDE	2021	MDV	Aggregated	15	DSL	528.2126	0	0.010659
RIVERSIDE	2021	MH	Aggregated	15	DSL	43.21963	0	0.198372
RIVERSIDE	2021	OBUS	Aggregated	15	DSL	50.49645	0	0.148454
RIVERSIDE	2021	SBUS	Aggregated	15	DSL	2489.027	0	0.076993
RIVERSIDE	2021	UBUS	Aggregated	15	DSL	4.45106	0	0.003608
RIVERSIDE	2021	LDA	Aggregated	15	GAS	91128.87	0.042514	0
RIVERSIDE	2021	LDT1	Aggregated	15	GAS	9476.79	0.153156	0
RIVERSIDE	2021	LDT2	Aggregated	15	GAS	30191.86	0.076674	0
RIVERSIDE	2021	LHDT1	Aggregated	15	GAS	1575.873	0.11765	0
RIVERSIDE	2021	LHDT2	Aggregated	15	GAS	254.5798	0.081551	0
RIVERSIDE	2021	MCY	Aggregated	15	GAS	859.4828	7.023187	0
RIVERSIDE	2021	MDV	Aggregated	15	GAS	24009.85	0.10677	0
RIVERSIDE	2021	MH	Aggregated	15	GAS	111.9295	0.227863	0
RIVERSIDE	2021	OBUS	Aggregated	15	GAS	60.35342	0.250717	0
RIVERSIDE	2021	SBUS	Aggregated	15	GAS	1334.714	0.115287	0
RIVERSIDE	2021	UBUS	Aggregated	15	GAS	708.4647	0.044293	0
RIVERSIDE	2021	UBUS	Aggregated	15	NG	2868.768	6.716966	0
, LDT1, LDT2, LHDT1, LHDT2, MCY, MDV, MH, OBUS, SBUS, and UBUS Composite							**0.2132**	**0.0018**
RIVERSIDE	2021	HHDT	Aggregated	40	DSL	152385.4	0	0.03525
RIVERSIDE	2021	MHDT	Aggregated	40	DSL	52970.02	0	0.067874
				HHDT and MHDT Composite			**0**	**0.043665**

RIVERSIDE	2021	LDA	Aggregated	40	DSL	30893.43	0	0.007315
RIVERSIDE	2021	LDT1	Aggregated	40	DSL	104.5262	0	0.155049
RIVERSIDE	2021	LDT2	Aggregated	40	DSL	6450.797	0	0.00583
RIVERSIDE	2021	LHDT1	Aggregated	40	DSL	34141.32	0	0.019413
RIVERSIDE	2021	LHDT2	Aggregated	40	DSL	13242.88	0	0.018419
RIVERSIDE	2021	MDV	Aggregated	40	DSL	18672.93	0	0.00518
RIVERSIDE	2021	MH	Aggregated	40	DSL	1166.787	0	0.102565
RIVERSIDE	2021	OBUS	Aggregated	40	DSL	1287.826	0	0.06172
RIVERSIDE	2021	SBUS	Aggregated	40	DSL	4433.126	0	0.031683
RIVERSIDE	2021	UBUS	Aggregated	40	DSL	0.543927	0	0.005031
RIVERSIDE	2021	LDA	Aggregated	40	GAS	3236940	0.012526	0
RIVERSIDE	2021	LDT1	Aggregated	40	GAS	331059.6	0.047494	0
RIVERSIDE	2021	LDT2	Aggregated	40	GAS	1054727	0.022963	0
RIVERSIDE	2021	LHDT1	Aggregated	40	GAS	40739.24	0.040078	0
RIVERSIDE	2021	LHDT2	Aggregated	40	GAS	6463.931	0.025622	0
RIVERSIDE	2021	MCY	Aggregated	40	GAS	29585.31	2.344276	0
RIVERSIDE	2021	MDV	Aggregated	40	GAS	840989.6	0.032894	0
RIVERSIDE	2021	MH	Aggregated	40	GAS	3007.724	0.075039	0
RIVERSIDE	2021	OBUS	Aggregated	40	GAS	1517.825	0.076586	0
RIVERSIDE	2021	SBUS	Aggregated	40	GAS	2377.217	0.033033	0
RIVERSIDE	2021	UBUS	Aggregated	40	GAS	956.8002	0.006938	0
RIVERSIDE	2021	UBUS	Aggregated	40	NG	568.5687	2.690813	0
, LDT1, LDT2, LHDT1, LHDT2, MCY, MDV, MH, OBUS, SBUS, and UBUS Composite							**0.0320**	**0.0003**
RIVERSIDE	2021	HHDT	Aggregated	55	DSL	376151.9	0	0.052002
RIVERSIDE	2021	MHDT	Aggregated	55	DSL	131514.3	0	0.092052
				HHDT and MHDT Composite			**0**	**0.062377**
RIVERSIDE	2021	LDA	Aggregated	65	DSL	29791.73	0	0.007522
RIVERSIDE	2021	LDT1	Aggregated	65	DSL	91.32748	0	0.188453
RIVERSIDE	2021	LDT2	Aggregated	65	DSL	5932.307	0	0.005909
RIVERSIDE	2021	LHDT1	Aggregated	65	DSL	179296.3	0	0.022018
RIVERSIDE	2021	LHDT2	Aggregated	65	DSL	69274.71	0	0.01994
RIVERSIDE	2021	MDV	Aggregated	65	DSL	17623.38	0	0.004947
RIVERSIDE	2021	MH	Aggregated	55	DSL	2901.465	0	0.130889
RIVERSIDE	2021	OBUS	Aggregated	55	DSL	3194.626	0	0.08027
RIVERSIDE	2021	SBUS	Aggregated	55	DSL	1585.512	0	0.03824
RIVERSIDE	2021	UBUS	Aggregated	55	DSL	1.267307	0	0.009308
RIVERSIDE	2021	LDA	Aggregated	65	GAS	3111329	0.01326	0
RIVERSIDE	2021	LDT1	Aggregated	65	GAS	306084.9	0.046818	0
RIVERSIDE	2021	LDT2	Aggregated	65	GAS	978026.4	0.023254	0
RIVERSIDE	2021	LHDT1	Aggregated	65	GAS	112919.9	0.046797	0
RIVERSIDE	2021	LHDT2	Aggregated	65	GAS	17416.04	0.028947	0
RIVERSIDE	2021	MCY	Aggregated	65	GAS	26311.07	2.795843	0
RIVERSIDE	2021	MDV	Aggregated	65	GAS	780586.7	0.034814	0
RIVERSIDE	2021	MH	Aggregated	55	GAS	7528.319	0.070913	0
RIVERSIDE	2021	OBUS	Aggregated	55	GAS	3769.636	0.069912	0
RIVERSIDE	2021	SBUS	Aggregated	55	GAS	850.2137	0.029459	0
RIVERSIDE	2021	UBUS	Aggregated	55	GAS	2229.27	0.006245	0
RIVERSIDE	2021	UBUS	Aggregated	55	NG	1244.69	2.340476	0

Emission Rates for 26 MMgal Gas Station

(Based on SCAQMD Risk Management Procedures for Rules 1401, 1401.1, and 212)

Assumptions:

Annual throughput: 26 million gallons/year (dispensed evenly from the two tanks)
Gas Station Scenario: (Phase I & Phase II, with vent valves and an overall efficiency of 90%)
Number of Pump Islands: 1

		Gasoline		Benzene		Ethylbenzene		Naphthalene	
Tanks		Loading	Breathing	Loading	Breathing	Loading	Breathing	Loading	Breathing
	lb/1000 gal	0.15	0.024	6.83E-04	1.09E-04	1.61E-04	2.57E-05	6.00E-07	9.60E-08
	lb/yr	3900	624	17.758	2.834	4.186	0.6682	0.0156	0.002496
	lb/hr	0.445205	0.071233	0.0020272	0.0003235	0.0004779	7.62785E-05	1.78082E-06	2.84932E-07
	g/s - 24hrs	0.05610	0.00898	2.55E-04	4.08E-05	6.02E-05	9.61E-06	2.24E-07	3.59E-08
	g/s - 16 hrs	0.08414	0.01346	3.83E-04	6.11E-05	9.03E-05	1.44E-05	3.37E-07	5.39E-08

Island		Refueling	Hose Perm	Spillage	Refueling	Hose Perme	Spillage	Refueling	Hose Permeation	Spillage	Refueling	Hose Permea	Spillage
	lb/1000 gal	0.32	0.009	0.24	1.46E-03	4.10E-05	1.70E-03	3.42E-04	9.63E-06	3.10E-03	1.28E-06	3.60E-08	4.18E-04
	lb/yr	8320	234	6240	37.96	1.066	44.2	8.892	0.25038	80.6	0.03328	0.000936	10.868
	lb/hr	1.424658	0.040068	1.068493	0.0065	0.0001825	0.0075685	0.0015226	4.28733E-05	0.01380137	5.69863E-06	1.6027E-07	0.001860959
	g/s - 24hrs	0.11967	0.00337	0.08975	5.46E-04	1.53E-05	6.36E-04	1.28E-04	3.60E-06	1.16E-03	4.79E-07	1.35E-08	1.56E-04
	g/s - 16 hrs	0.17951	0.00505	0.13463	8.19E-04	2.30E-05	9.54E-04	1.92E-04	5.40E-06	1.74E-03	7.18E-07	2.02E-08	2.34E-04

Notes:
Emission factors from SCAQMD Risk Management Procedures for Rules 1401, 1401.1, and 212

OFFROAD2017 (v1.0.1) Emissions Inventory
Region Type: Air Basin
Region: South Coast
Calendar Year: 2021
Scenario: All Adopted Rules - Exhaust
Vehicle Classification: OFFROAD2017 Equipment Types
Units: Emissions: tons/day, Fuel Consumption: gallons/year, Activity: hours/year, HP-Hours: HP-hours/year

Region	CalYr	VehClass	MdlYr	HP_Bin	Fuel	PM10_tpd	Fuel_gpy	Total_Activ	Total_Activ	Total_Population
South Coas	2021	TRU - Insta	1993	25	Diesel	0	0	0	0	0
South Coas	2021	TRU - Insta	1994	25	Diesel	0	0	0	0	0
South Coas	2021	TRU - Insta	1995	25	Diesel	1.81598E-06	0.210578	167.0075	0.457555	0.122709
South Coas	2021	TRU - Insta	1996	25	Diesel	3.2227E-06	0.373697	296.3764	0.81199	0.217764
South Coas	2021	TRU - Insta	1997	25	Diesel	6.67059E-06	0.773507	613.4625	1.680719	0.450744
South Coas	2021	TRU - Insta	1998	25	Diesel	1.49128E-05	1.72926	1371.462	3.75743	1.007687
South Coas	2021	TRU - Insta	1999	25	Diesel	3.40407E-05	3.947293	3130.567	8.576896	2.300196
South Coas	2021	TRU - Insta	2000	25	Diesel	3.599E-05	5.061266	4014.05	10.9974	2.949338
South Coas	2021	TRU - Insta	2001	25	Diesel	4.08405E-05	5.743386	4555.034	12.47955	3.346829
South Coas	2021	TRU - Insta	2002	25	Diesel	4.45273E-05	6.261858	4966.23	13.60611	3.648957
South Coas	2021	TRU - Insta	2003	25	Diesel	0.000104102	14.63989	11610.78	31.81035	8.531064
South Coas	2021	TRU - Insta	2004	25	Diesel	0.000208185	29.27705	23219.39	63.61478	17.06054
South Coas	2021	TRU - Insta	2005	25	Diesel	0.000319936	55.64872	44134.56	120.9166	32.42804
South Coas	2021	TRU - Insta	2006	25	Diesel	0.000419063	72.89053	57808.9	158.3805	42.47531
South Coas	2021	TRU - Insta	2007	25	Diesel	0.000449165	78.12634	61961.38	169.7572	45.52636
South Coas	2021	TRU - Insta	2008	25	Diesel	0.000609229	211.9349	168083.9	460.5037	123.5003
South Coas	2021	TRU - Insta	2009	25	Diesel	0.000224005	77.92544	61802.05	169.3207	45.4093
South Coas	2021	TRU - Insta	2010	25	Diesel	0.000262029	91.15314	72292.84	198.0626	53.11744
South Coas	2021	TRU - Insta	2011	25	Diesel	0.000396695	129.5771	102766.6	281.5522	75.50812
South Coas	2021	TRU - Insta	2012	25	Diesel	0.001026277	335.225	265864.3	728.3953	195.3448
South Coas	2021	TRU - Insta	2013	25	Diesel	0.000460609	150.4543	119324.1	326.9153	87.67383
South Coas	2021	TRU - Insta	2014	25	Diesel	0.000990009	323.3783	256468.8	702.6542	188.4414
South Coas	2021	TRU - Insta	2015	25	Diesel	0.001746319	570.4211	452396.4	1239.442	332.4
South Coas	2021	TRU - Insta	2016	25	Diesel	0.001094624	357.55	283570.1	776.9043	208.3542
South Coas	2021	TRU - Insta	2017	25	Diesel	0.001176583	384.3215	304802.3	835.0748	223.9547
South Coas	2021	TRU - Insta	2018	25	Diesel	0.001286697	420.2891	333328	913.2273	244.914
South Coas	2021	TRU - Insta	2019	25	Diesel	0.001902679	621.4948	492902.6	1350.418	362.1621
South Coas	2021	TRU - Insta	2020	25	Diesel	0.001370437	447.6422	355021.5	972.6616	260.8534

PM10
tons/hr/TRU
1.24401E-07
lb/hr/TRU
2.49E-04

Rock Crushing Generators

Exhaust Flow	10909	acfm
Exhaust Temperature	759	F
Stack Diameter	1.67	feet
Stack Height	6	feet

AERMOD Source Name	Description	DPM	
		lb/hr	lb/year
GEN1	350 hp	0.031	16.00
GEN2	156 hp	0.026	12.00
GEN3	325 hp	0.029	14.00
GEN4	85 hp	0.025	12.00

Vineyard II Mitigated HRA

Riverside-South Coast County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	5.97	Acre	5.97	260,053.20	0
Other Non-Asphalt Surfaces	0.54	Acre	0.54	23,522.40	0
Parking Lot	416.00	Space	3.74	166,400.00	0
Fast Food Restaurant with Drive Thru	3.60	1000sqft	0.08	3,600.00	0
Health Club	37.00	1000sqft	0.85	37,000.00	0
Regional Shopping Center	31.40	1000sqft	0.72	31,400.00	0

1.2 Other Project Characteristics

Urbanization	Rural	**Wind Speed (m/s)**	2.4	**Precipitation Freq (Days)**	28
Climate Zone	10			**Operational Year**	2021
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	573.36	**CH4 Intensity (lb/MWhr)**	0.024	**N2O Intensity (lb/MWhr)**	0.005

1.3 User Entered Comments & Non-Default Data

Project Characteristics - RPS

Land Use -

Construction Phase - Data provided by applicant.

Off-road Equipment -

Off-road Equipment - Data provided by applicant.

Off-road Equipment - Data provided by applicant.

Off-road Equipment - Data provided by applicant.

Off-road Equipment -

Off-road Equipment - Data provided by applicant.

Off-road Equipment - Data provided by applicant.

Off-road Equipment - Data provided by applicant.

Off-road Equipment - Data provided by applicant.

Trips and VMT - Export 16,300 cy of soil haul truck trips. HRA assume onsite truck trips 1,000 feet (0.19 miles)

Grading - Data provided by applicant.

Architectural Coating - VOC rule limit

Vehicle Trips - calculated in excel workbook

Area Coating - VOC rule limit

Energy Use -

Water And Wastewater - CalEEMod default water and wastewater values, assumed 100% aerobic.

Solid Waste -

Construction Off-road Equipment Mitigation - Dust control measures. MM Tier 4 Final Equipment > 75 hp.

Area Mitigation -

Energy Mitigation -

Water Mitigation -

Waste Mitigation -

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Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	100.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Exterior	100.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	100.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	100.00	50.00
tblAreaCoating	Area_EF_Nonresidential_Exterior	100	50
tblAreaCoating	Area_EF_Nonresidential_Interior	100	50
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	26
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	12.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final

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tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	30.00	65.00
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tblConstructionPhase	NumDays	20.00	30.00
tblConstructionPhase	NumDays	30.00	131.00
tblConstructionPhase	NumDays	300.00	87.00
tblConstructionPhase	NumDays	20.00	30.00
tblConstructionPhase	PhaseEndDate	2/14/2020	12/4/2020
tblConstructionPhase	PhaseEndDate	3/27/2020	2/19/2021
tblConstructionPhase	PhaseEndDate	7/2/2021	6/2/2021
tblConstructionPhase	PhaseEndDate	9/23/2022	5/12/2021
tblConstructionPhase	PhaseEndDate	11/18/2022	5/17/2021
tblConstructionPhase	PhaseEndDate	5/8/2020	11/15/2021
tblConstructionPhase	PhaseEndDate	8/26/2022	10/29/2021
tblConstructionPhase	PhaseEndDate	12/16/2022	8/27/2021
tblConstructionPhase	PhaseEndDate	10/21/2022	9/28/2021
tblConstructionPhase	PhaseStartDate	2/1/2020	11/23/2020
tblConstructionPhase	PhaseStartDate	2/15/2020	11/23/2020
tblConstructionPhase	PhaseStartDate	5/9/2020	1/1/2021
tblConstructionPhase	PhaseStartDate	8/27/2022	4/1/2021
tblConstructionPhase	PhaseStartDate	10/22/2022	4/20/2021
tblConstructionPhase	PhaseStartDate	3/28/2020	5/16/2021
tblConstructionPhase	PhaseStartDate	7/3/2021	7/1/2021
tblConstructionPhase	PhaseStartDate	11/19/2022	8/1/2021

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tblConstructionPhase	PhaseStartDate	9/24/2022	9/1/2021
tblGrading	AcresOfGrading	162.50	8.00
tblGrading	AcresOfGrading	65.50	0.00
tblGrading	MaterialExported	0.00	16,300.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	4.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00

tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.024
tblProjectCharacteristics	CO2IntensityFactor	702.44	573.36
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.005
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblTripsAndVMT	HaulingTripLength	20.00	0.19
tblTripsAndVMT	HaulingTripLength	20.00	0.19
tblTripsAndVMT	HaulingTripLength	20.00	0.19
tblTripsAndVMT	HaulingTripLength	20.00	0.19
tblTripsAndVMT	HaulingTripLength	20.00	0.19
tblTripsAndVMT	HaulingTripLength	20.00	0.19
tblTripsAndVMT	HaulingTripLength	20.00	0.19
tblTripsAndVMT	HaulingTripLength	20.00	0.19
tblTripsAndVMT	HaulingTripLength	20.00	0.19
tblTripsAndVMT	VendorTripLength	7.90	0.19
tblTripsAndVMT	VendorTripLength	7.90	0.19
tblTripsAndVMT	VendorTripLength	7.90	0.19
tblTripsAndVMT	VendorTripLength	7.90	0.19
tblTripsAndVMT	VendorTripLength	7.90	0.19
tblTripsAndVMT	VendorTripLength	7.90	0.19
tblTripsAndVMT	VendorTripLength	7.90	0.19
tblTripsAndVMT	VendorTripLength	7.90	0.19
tblTripsAndVMT	VendorTripLength	7.90	0.19
tblTripsAndVMT	VendorTripNumber	86.00	85.00
tblTripsAndVMT	VendorTripNumber	86.00	85.00
tblTripsAndVMT	WorkerTripLength	19.80	0.00

tblTripsAndVMT	WorkerTripLength	19.80	0.00
tblTripsAndVMT	WorkerTripLength	19.80	0.00
tblTripsAndVMT	WorkerTripLength	19.80	0.00
tblTripsAndVMT	WorkerTripLength	19.80	0.00
tblTripsAndVMT	WorkerTripLength	19.80	0.00
tblTripsAndVMT	WorkerTripLength	19.80	0.00
tblTripsAndVMT	WorkerTripLength	19.80	0.00
tblTripsAndVMT	WorkerTripLength	19.80	0.00
tblTripsAndVMT	WorkerTripNumber	13.00	0.00
tblTripsAndVMT	WorkerTripNumber	23.00	0.00
tblTripsAndVMT	WorkerTripNumber	15.00	0.00
tblTripsAndVMT	WorkerTripNumber	216.00	0.00
tblTripsAndVMT	WorkerTripNumber	216.00	0.00
tblTripsAndVMT	WorkerTripNumber	8.00	0.00
tblTripsAndVMT	WorkerTripNumber	10.00	0.00
tblTripsAndVMT	WorkerTripNumber	43.00	0.00
tblTripsAndVMT	WorkerTripNumber	43.00	0.00
tblVehicleTrips	ST_TR	722.03	0.00
tblVehicleTrips	ST_TR	20.87	0.00
tblVehicleTrips	ST_TR	49.97	0.00
tblVehicleTrips	SU_TR	542.72	0.00
tblVehicleTrips	SU_TR	26.73	0.00
tblVehicleTrips	SU_TR	25.24	0.00
tblVehicleTrips	WD_TR	496.12	0.00
tblVehicleTrips	WD_TR	32.93	0.00
tblVehicleTrips	WD_TR	42.70	0.00
tblWater	AerobicPercent	87.46	100.00

tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2020	0.0871	1.0005	0.5978	1.2000e-003	0.1831	0.0427	0.2258	0.0983	0.0393	0.1376	0.0000	105.5810	105.5810	0.0336	0.0000	106.4203
2021	0.9916	5.8113	4.7295	8.8600e-003	0.4113	0.2552	0.6666	0.2234	0.2421	0.4654	0.0000	766.8654	766.8654	0.1714	0.0000	771.1513
Maximum	**0.9916**	**5.8113**	**4.7295**	**8.8600e-003**	**0.4113**	**0.2552**	**0.6666**	**0.2234**	**0.2421**	**0.4654**	**0.0000**	**766.8654**	**766.8654**	**0.1714**	**0.0000**	**771.1513**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2020	0.0148	0.1094	0.6184	1.2000e-003	0.0715	1.8700e-003	0.0733	0.0384	1.8700e-003	0.0402	0.0000	105.5809	105.5809	0.0336	0.0000	106.4201
2021	0.6112	1.5013	5.1592	8.8600e-003	0.1612	0.0374	0.1986	0.0874	0.0374	0.1247	0.0000	766.8645	766.8645	0.1714	0.0000	771.1505
Maximum	**0.6112**	**1.5013**	**5.1592**	**8.8600e-003**	**0.1612**	**0.0374**	**0.1986**	**0.0874**	**0.0374**	**0.1247**	**0.0000**	**766.8645**	**766.8645**	**0.1714**	**0.0000**	**771.1505**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**41.96**	**76.35**	**-8.45**	**0.00**	**60.85**	**86.83**	**69.53**	**60.91**	**86.06**	**72.65**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
4	11-1-2020	1-31-2021	2.1353	0.3771
5	2-1-2021	4-30-2021	1.9472	0.6656
6	5-1-2021	7-31-2021	1.6673	0.5291
7	8-1-2021	9-30-2021	1.3836	0.4874
		Highest	2.1353	0.6656

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.3128	6.0000e-005	6.3400e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0123	0.0123	3.0000e-005	0.0000	0.0131
Energy	0.0122	0.1106	0.0929	6.6000e-004		8.4100e-003	8.4100e-003		8.4100e-003	8.4100e-003	0.0000	380.8104	380.8104	0.0132	4.4800e-003	382.4751
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	57.9214	0.0000	57.9214	3.4231	0.0000	143.4979
Water						0.0000	0.0000		0.0000	0.0000	1.9837	27.1829	29.1667	7.9700e-003	4.5500e-003	30.7220
Total	**0.3250**	**0.1107**	**0.0992**	**6.6000e-004**	**0.0000**	**8.4300e-003**	**8.4300e-003**	**0.0000**	**8.4300e-003**	**8.4300e-003**	**59.9052**	**408.0056**	**467.9108**	**3.4443**	**9.0300e-003**	**556.7081**

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.3128	6.0000e-005	6.3400e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0123	0.0123	3.0000e-005	0.0000	0.0131
Energy	0.0122	0.1106	0.0929	6.6000e-004		8.4100e-003	8.4100e-003		8.4100e-003	8.4100e-003	0.0000	342.6698	342.6698	0.0116	4.1500e-003	344.1954
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	28.9607	0.0000	28.9607	1.7115	0.0000	71.7490
Water						0.0000	0.0000		0.0000	0.0000	1.7385	24.3362	26.0747	7.0000e-003	3.9900e-003	27.4397
Total	**0.3250**	**0.1107**	**0.0992**	**6.6000e-004**	**0.0000**	**8.4300e-003**	**8.4300e-003**	**0.0000**	**8.4300e-003**	**8.4300e-003**	**30.6993**	**367.0182**	**397.7175**	**1.7302**	**8.1400e-003**	**443.3972**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**48.75**	**10.05**	**15.00**	**49.77**	**9.86**	**20.35**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	11/23/2020	12/4/2020	5	10	
2	Phase 1 Fine Grading and Trenching	Grading	11/23/2020	2/19/2021	5	65	
3	Phase 2 Precise Grading and Footing Trenching	Grading	5/16/2021	11/15/2021	5	131	
4	Phase 1 Building Construction	Building Construction	1/1/2021	6/2/2021	5	109	
5	Phase 2 Building Construction	Building Construction	7/1/2021	10/29/2021	5	87	
6	Phase 1 Paving	Paving	4/1/2021	5/12/2021	5	30	
7	Phase 2 Paving	Paving	9/1/2021	9/28/2021	5	20	
8	Phase 1 Architectural Coating	Architectural Coating	4/20/2021	5/17/2021	5	20	
9	Phase 2 Architectural Coating	Architectural Coating	8/1/2021	8/27/2021	5	30	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 10.25

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 108,000; Non-Residential Outdoor: 36,000; Striped Parking Area: 26,999 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Site Preparation	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Phase 1 Fine Grading and Trenching	Excavators	3	8.00	158	0.38
Phase 1 Fine Grading and Trenching	Graders	1	8.00	187	0.41
Phase 1 Fine Grading and Trenching	Rubber Tired Dozers	1	8.00	247	0.40
Phase 1 Fine Grading and Trenching	Scrapers	2	8.00	367	0.48

Phase 1 Fine Grading and Trenching	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Phase 2 Precise Grading and Footing Trenching	Excavators	2	8.00	158	0.38
Phase 2 Precise Grading and Footing Trenching	Graders	1	8.00	187	0.41
Phase 2 Precise Grading and Footing Trenching	Rubber Tired Dozers	1	6.00	247	0.40
Phase 2 Precise Grading and Footing Trenching	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Phase 1 Building Construction	Air Compressors	1	6.00	78	0.48
Phase 1 Building Construction	Cranes	1	8.00	231	0.29
Phase 1 Building Construction	Forklifts	1	6.00	89	0.20
Phase 1 Building Construction	Generator Sets	6	6.00	84	0.74
Phase 1 Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Phase 1 Building Construction	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Phase 1 Building Construction	Welders	4	8.00	46	0.45
Phase 2 Building Construction	Air Compressors	1	8.00	78	0.48
Phase 2 Building Construction	Cranes	1	8.00	231	0.29
Phase 2 Building Construction	Forklifts	1	6.00	89	0.20
Phase 2 Building Construction	Generator Sets	2	6.00	84	0.74
Phase 2 Building Construction	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Phase 2 Building Construction	Welders	4	6.00	46	0.45
Phase 1 Paving	Cement and Mortar Mixers	1	8.00	9	0.56
Phase 1 Paving	Paving Equipment	1	8.00	132	0.36
Phase 1 Paving	Rollers	1	8.00	80	0.38
Phase 2 Paving	Paving Equipment	1	8.00	132	0.36
Phase 2 Paving	Rollers	2	8.00	80	0.38
Phase 2 Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Phase 1 Architectural Coating	Air Compressors	1	6.00	78	0.48
Phase 2 Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	5	0.00	0.00	0.00	0.00	0.19	0.19	LD_Mix	HDT_Mix	HHDT
Phase 1 Fine Grading and Trenching	9	0.00	0.00	2,038.00	0.00	0.19	0.19	LD_Mix	HDT_Mix	HHDT
Phase 2 Precise Grading and Footing T	6	0.00	0.00	0.00	0.00	0.19	0.19	LD_Mix	HDT_Mix	HHDT
Phase 1 Building Construction	17	0.00	85.00	0.00	0.00	0.19	0.19	LD_Mix	HDT_Mix	HHDT
Phase 2 Building Construction	10	0.00	85.00	0.00	0.00	0.19	0.19	LD_Mix	HDT_Mix	HHDT
Phase 1 Paving	3	0.00	0.00	0.00	0.00	0.19	0.19	LD_Mix	HDT_Mix	HHDT
Phase 2 Paving	4	0.00	0.00	0.00	0.00	0.19	0.19	LD_Mix	HDT_Mix	HHDT
Phase 1 Architectural Coating	1	0.00	0.00	0.00	0.00	0.19	0.19	LD_Mix	HDT_Mix	HHDT
Phase 2 Architectural Coating	1	0.00	0.00	0.00	0.00	0.19	0.19	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Use Soil Stabilizer

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

3.2 Site Preparation - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0903	0.0000	0.0903	0.0497	0.0000	0.0497	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0180	0.1884	0.0819	1.6000e-004		9.4900e-003	9.4900e-003		8.7300e-003	8.7300e-003	0.0000	13.6458	13.6458	4.4100e-003	0.0000	13.7561
Total	**0.0180**	**0.1884**	**0.0819**	**1.6000e-004**	**0.0903**	**9.4900e-003**	**0.0998**	**0.0497**	**8.7300e-003**	**0.0584**	**0.0000**	**13.6458**	**13.6458**	**4.4100e-003**	**0.0000**	**13.7561**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.2 Site Preparation - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0352	0.0000	0.0352	0.0194	0.0000	0.0194	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.9000e-003	8.2400e-003	0.0780	1.6000e-004		2.5000e-004	2.5000e-004		2.5000e-004	2.5000e-004	0.0000	13.6457	13.6457	4.4100e-003	0.0000	13.7561
Total	**1.9000e-003**	**8.2400e-003**	**0.0780**	**1.6000e-004**	**0.0352**	**2.5000e-004**	**0.0355**	**0.0194**	**2.5000e-004**	**0.0196**	**0.0000**	**13.6457**	**13.6457**	**4.4100e-003**	**0.0000**	**13.7561**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.3 Phase 1 Fine Grading and Trenching - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0926	0.0000	0.0926	0.0486	0.0000	0.0486	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0681	0.7629	0.5108	9.7000e-004		0.0332	0.0332		0.0306	0.0306	0.0000	85.5809	85.5809	0.0277	0.0000	86.2728
Total	**0.0681**	**0.7629**	**0.5108**	**9.7000e-004**	**0.0926**	**0.0332**	**0.1258**	**0.0486**	**0.0306**	**0.0792**	**0.0000**	**85.5809**	**85.5809**	**0.0277**	**0.0000**	**86.2728**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	9.7000e-004	0.0493	5.1200e-003	7.0000e-005	1.5000e-004	2.0000e-005	1.8000e-004	4.0000e-005	2.0000e-005	6.0000e-005	0.0000	6.3544	6.3544	1.4800e-003	0.0000	6.3913
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**9.7000e-004**	**0.0493**	**5.1200e-003**	**7.0000e-005**	**1.5000e-004**	**2.0000e-005**	**1.8000e-004**	**4.0000e-005**	**2.0000e-005**	**6.0000e-005**	**0.0000**	**6.3544**	**6.3544**	**1.4800e-003**	**0.0000**	**6.3913**

3.3 Phase 1 Fine Grading and Trenching - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0361	0.0000	0.0361	0.0190	0.0000	0.0190	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0120	0.0518	0.5353	9.7000e-004		1.6000e-003	1.6000e-003		1.6000e-003	1.6000e-003	0.0000	85.5808	85.5808	0.0277	0.0000	86.2727
Total	**0.0120**	**0.0518**	**0.5353**	**9.7000e-004**	**0.0361**	**1.6000e-003**	**0.0377**	**0.0190**	**1.6000e-003**	**0.0206**	**0.0000**	**85.5808**	**85.5808**	**0.0277**	**0.0000**	**86.2727**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	9.7000e-004	0.0493	5.1200e-003	7.0000e-005	1.2000e-004	2.0000e-005	1.4000e-004	3.0000e-005	2.0000e-005	5.0000e-005	0.0000	6.3544	6.3544	1.4800e-003	0.0000	6.3913
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**9.7000e-004**	**0.0493**	**5.1200e-003**	**7.0000e-005**	**1.2000e-004**	**2.0000e-005**	**1.4000e-004**	**3.0000e-005**	**2.0000e-005**	**5.0000e-005**	**0.0000**	**6.3544**	**6.3544**	**1.4800e-003**	**0.0000**	**6.3913**

3.3 Phase 1 Fine Grading and Trenching - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1137	0.0000	0.1137	0.0602	0.0000	0.0602	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0796	0.8740	0.6147	1.2100e-003		0.0376	0.0376		0.0346	0.0346	0.0000	106.2588	106.2588	0.0344	0.0000	107.1179
Total	**0.0796**	**0.8740**	**0.6147**	**1.2100e-003**	**0.1137**	**0.0376**	**0.1513**	**0.0602**	**0.0346**	**0.0948**	**0.0000**	**106.2588**	**106.2588**	**0.0344**	**0.0000**	**107.1179**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.1400e-003	0.0591	6.0600e-003	8.0000e-005	1.6000e-004	2.0000e-005	1.8000e-004	4.0000e-005	2.0000e-005	7.0000e-005	0.0000	7.8041	7.8041	1.7400e-003	0.0000	7.8476
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.1400e-003**	**0.0591**	**6.0600e-003**	**8.0000e-005**	**1.6000e-004**	**2.0000e-005**	**1.8000e-004**	**4.0000e-005**	**2.0000e-005**	**7.0000e-005**	**0.0000**	**7.8041**	**7.8041**	**1.7400e-003**	**0.0000**	**7.8476**

3.3 Phase 1 Fine Grading and Trenching - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0443	0.0000	0.0443	0.0235	0.0000	0.0235	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0149	0.0644	0.6645	1.2100e-003		1.9800e-003	1.9800e-003		1.9800e-003	1.9800e-003	0.0000	106.2586	106.2586	0.0344	0.0000	107.1178
Total	**0.0149**	**0.0644**	**0.6645**	**1.2100e-003**	**0.0443**	**1.9800e-003**	**0.0463**	**0.0235**	**1.9800e-003**	**0.0255**	**0.0000**	**106.2586**	**106.2586**	**0.0344**	**0.0000**	**107.1178**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.1400e-003	0.0591	6.0600e-003	8.0000e-005	1.3000e-004	2.0000e-005	1.5000e-004	4.0000e-005	2.0000e-005	6.0000e-005	0.0000	7.8041	7.8041	1.7400e-003	0.0000	7.8476
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.1400e-003**	**0.0591**	**6.0600e-003**	**8.0000e-005**	**1.3000e-004**	**2.0000e-005**	**1.5000e-004**	**4.0000e-005**	**2.0000e-005**	**6.0000e-005**	**0.0000**	**7.8041**	**7.8041**	**1.7400e-003**	**0.0000**	**7.8476**

3.4 Phase 2 Precise Grading and Footing Trenching - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.2958	0.0000	0.2958	0.1626	0.0000	0.1626	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1356	1.4575	1.0388	1.9400e-003		0.0668	0.0668		0.0614	0.0614	0.0000	170.2033	170.2033	0.0551	0.0000	171.5795
Total	**0.1356**	**1.4575**	**1.0388**	**1.9400e-003**	**0.2958**	**0.0668**	**0.3626**	**0.1626**	**0.0614**	**0.2240**	**0.0000**	**170.2033**	**170.2033**	**0.0551**	**0.0000**	**171.5795**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.4 Phase 2 Precise Grading and Footing Trenching - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1154	0.0000	0.1154	0.0634	0.0000	0.0634	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0238	0.1029	1.2033	1.9400e-003		3.1700e-003	3.1700e-003		3.1700e-003	3.1700e-003	0.0000	170.2031	170.2031	0.0551	0.0000	171.5793
Total	**0.0238**	**0.1029**	**1.2033**	**1.9400e-003**	**0.1154**	**3.1700e-003**	**0.1186**	**0.0634**	**3.1700e-003**	**0.0666**	**0.0000**	**170.2031**	**170.2031**	**0.0551**	**0.0000**	**171.5793**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.5 Phase 1 Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2304	1.8757	1.9798	3.3200e-003		0.0987	0.0987		0.0958	0.0958	0.0000	280.6076	280.6076	0.0415	0.0000	281.6456
Total	**0.2304**	**1.8757**	**1.9798**	**3.3200e-003**		**0.0987**	**0.0987**		**0.0958**	**0.0958**	**0.0000**	**280.6076**	**280.6076**	**0.0415**	**0.0000**	**281.6456**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	7.0300e-003	0.3060	0.0580	3.6000e-004	9.2000e-004	1.1000e-004	1.0400e-003	2.8000e-004	1.1000e-004	3.9000e-004	0.0000	34.4229	34.4229	7.4900e-003	0.0000	34.6101
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**7.0300e-003**	**0.3060**	**0.0580**	**3.6000e-004**	**9.2000e-004**	**1.1000e-004**	**1.0400e-003**	**2.8000e-004**	**1.1000e-004**	**3.9000e-004**	**0.0000**	**34.4229**	**34.4229**	**7.4900e-003**	**0.0000**	**34.6101**

3.5 Phase 1 Building Construction - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0959	0.4585	2.1212	3.3200e-003		0.0201	0.0201		0.0201	0.0201	0.0000	280.6072	280.6072	0.0415	0.0000	281.6453
Total	**0.0959**	**0.4585**	**2.1212**	**3.3200e-003**		**0.0201**	**0.0201**		**0.0201**	**0.0201**	**0.0000**	**280.6072**	**280.6072**	**0.0415**	**0.0000**	**281.6453**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	7.0300e-003	0.3060	0.0580	3.6000e-004	7.8000e-004	1.1000e-004	8.9000e-004	2.4000e-004	1.1000e-004	3.5000e-004	0.0000	34.4229	34.4229	7.4900e-003	0.0000	34.6101
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**7.0300e-003**	**0.3060**	**0.0580**	**3.6000e-004**	**7.8000e-004**	**1.1000e-004**	**8.9000e-004**	**2.4000e-004**	**1.1000e-004**	**3.5000e-004**	**0.0000**	**34.4229**	**34.4229**	**7.4900e-003**	**0.0000**	**34.6101**

3.6 Phase 2 Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1058	0.8239	0.7928	1.3700e-003		0.0422	0.0422		0.0409	0.0409	0.0000	114.5562	114.5562	0.0185	0.0000	115.0184
Total	**0.1058**	**0.8239**	**0.7928**	**1.3700e-003**		**0.0422**	**0.0422**		**0.0409**	**0.0409**	**0.0000**	**114.5562**	**114.5562**	**0.0185**	**0.0000**	**115.0184**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.6100e-003	0.2443	0.0463	2.9000e-004	7.4000e-004	9.0000e-005	8.3000e-004	2.2000e-004	9.0000e-005	3.1000e-004	0.0000	27.4751	27.4751	5.9800e-003	0.0000	27.6246
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**5.6100e-003**	**0.2443**	**0.0463**	**2.9000e-004**	**7.4000e-004**	**9.0000e-005**	**8.3000e-004**	**2.2000e-004**	**9.0000e-005**	**3.1000e-004**	**0.0000**	**27.4751**	**27.4751**	**5.9800e-003**	**0.0000**	**27.6246**

3.6 Phase 2 Building Construction - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0509	0.2462	0.8481	1.3700e-003		0.0112	0.0112		0.0112	0.0112	0.0000	114.5561	114.5561	0.0185	0.0000	115.0182
Total	**0.0509**	**0.2462**	**0.8481**	**1.3700e-003**		**0.0112**	**0.0112**		**0.0112**	**0.0112**	**0.0000**	**114.5561**	**114.5561**	**0.0185**	**0.0000**	**115.0182**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.6100e-003	0.2443	0.0463	2.9000e-004	6.2000e-004	9.0000e-005	7.1000e-004	1.9000e-004	9.0000e-005	2.8000e-004	0.0000	27.4751	27.4751	5.9800e-003	0.0000	27.6246
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**5.6100e-003**	**0.2443**	**0.0463**	**2.9000e-004**	**6.2000e-004**	**9.0000e-005**	**7.1000e-004**	**1.9000e-004**	**9.0000e-005**	**2.8000e-004**	**0.0000**	**27.4751**	**27.4751**	**5.9800e-003**	**0.0000**	**27.6246**

3.7 Phase 1 Paving - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	6.6000e-003	0.0635	0.0710	1.1000e-004		3.4200e-003	3.4200e-003		3.1600e-003	3.1600e-003	0.0000	9.5127	9.5127	2.9300e-003	0.0000	9.5858
Paving	0.0127					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0193**	**0.0635**	**0.0710**	**1.1000e-004**		**3.4200e-003**	**3.4200e-003**		**3.1600e-003**	**3.1600e-003**	**0.0000**	**9.5127**	**9.5127**	**2.9300e-003**	**0.0000**	**9.5858**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.7 Phase 1 Paving - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	2.1200e-003	0.0109	0.0809	1.1000e-004		3.8000e-004	3.8000e-004		3.8000e-004	3.8000e-004	0.0000	9.5127	9.5127	2.9300e-003	0.0000	9.5858
Paving	0.0127					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0148**	**0.0109**	**0.0809**	**1.1000e-004**		**3.8000e-004**	**3.8000e-004**		**3.8000e-004**	**3.8000e-004**	**0.0000**	**9.5127**	**9.5127**	**2.9300e-003**	**0.0000**	**9.5858**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.8 Phase 2 Paving - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	7.5800e-003	0.0769	0.0856	1.2000e-004		4.4300e-003	4.4300e-003		4.0700e-003	4.0700e-003	0.0000	10.9183	10.9183	3.5300e-003	0.0000	11.0066
Paving	0.0127					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0203**	**0.0769**	**0.0856**	**1.2000e-004**		**4.4300e-003**	**4.4300e-003**		**4.0700e-003**	**4.0700e-003**	**0.0000**	**10.9183**	**10.9183**	**3.5300e-003**	**0.0000**	**11.0066**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.8 Phase 2 Paving - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.5300e-003	6.6100e-003	0.0941	1.2000e-004		2.0000e-004	2.0000e-004		2.0000e-004	2.0000e-004	0.0000	10.9183	10.9183	3.5300e-003	0.0000	11.0065
Paving	0.0127					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0143**	**6.6100e-003**	**0.0941**	**1.2000e-004**		**2.0000e-004**	**2.0000e-004**		**2.0000e-004**	**2.0000e-004**	**0.0000**	**10.9183**	**10.9183**	**3.5300e-003**	**0.0000**	**11.0065**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.9 Phase 1 Architectural Coating - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.2294					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.1900e-003	0.0153	0.0182	3.0000e-005		9.4000e-004	9.4000e-004		9.4000e-004	9.4000e-004	0.0000	2.5533	2.5533	1.8000e-004	0.0000	2.5576
Total	**0.2316**	**0.0153**	**0.0182**	**3.0000e-005**		**9.4000e-004**	**9.4000e-004**		**9.4000e-004**	**9.4000e-004**	**0.0000**	**2.5533**	**2.5533**	**1.8000e-004**	**0.0000**	**2.5576**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.9 Phase 1 Architectural Coating - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.2294					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.0000e-004	1.2900e-003	0.0183	3.0000e-005		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	2.5533	2.5533	1.8000e-004	0.0000	2.5576
Total	**0.2297**	**1.2900e-003**	**0.0183**	**3.0000e-005**		**4.0000e-005**	**4.0000e-005**		**4.0000e-005**	**4.0000e-005**	**0.0000**	**2.5533**	**2.5533**	**1.8000e-004**	**0.0000**	**2.5576**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.10 Phase 2 Architectural Coating - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.1530					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.1900e-003	0.0153	0.0182	3.0000e-005		9.4000e-004	9.4000e-004		9.4000e-004	9.4000e-004	0.0000	2.5533	2.5533	1.8000e-004	0.0000	2.5576
Total	**0.1551**	**0.0153**	**0.0182**	**3.0000e-005**		**9.4000e-004**	**9.4000e-004**		**9.4000e-004**	**9.4000e-004**	**0.0000**	**2.5533**	**2.5533**	**1.8000e-004**	**0.0000**	**2.5576**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.10 Phase 2 Architectural Coating - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.1530					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.0000e-004	1.2900e-003	0.0183	3.0000e-005		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	2.5533	2.5533	1.8000e-004	0.0000	2.5576
Total	**0.1533**	**1.2900e-003**	**0.0183**	**3.0000e-005**		**4.0000e-005**	**4.0000e-005**		**4.0000e-005**	**4.0000e-005**	**0.0000**	**2.5533**	**2.5533**	**1.8000e-004**	**0.0000**	**2.5576**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Fast Food Restaurant with Drive Thru	0.00	0.00	0.00		
Health Club	0.00	0.00	0.00		
Other Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Regional Shopping Center	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Fast Food Restaurant with Drive	18.50	10.10	7.90	2.20	78.80	19.00	29	21	50
Health Club	18.50	10.10	7.90	16.90	64.10	19.00	52	39	9
Other Asphalt Surfaces	18.50	10.10	7.90	0.00	0.00	0.00	0	0	0
Other Non-Asphalt Surfaces	18.50	10.10	7.90	0.00	0.00	0.00	0	0	0
Parking Lot	18.50	10.10	7.90	0.00	0.00	0.00	0	0	0
Regional Shopping Center	18.50	10.10	7.90	16.30	64.70	19.00	54	35	11

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Fast Food Restaurant with Drive Thru	0.542116	0.037578	0.185203	0.118503	0.016241	0.005141	0.017392	0.068695	0.001383	0.001183	0.004582	0.000945	0.001038
Health Club	0.542116	0.037578	0.185203	0.118503	0.016241	0.005141	0.017392	0.068695	0.001383	0.001183	0.004582	0.000945	0.001038
Other Asphalt Surfaces	0.542116	0.037578	0.185203	0.118503	0.016241	0.005141	0.017392	0.068695	0.001383	0.001183	0.004582	0.000945	0.001038
Other Non-Asphalt Surfaces	0.542116	0.037578	0.185203	0.118503	0.016241	0.005141	0.017392	0.068695	0.001383	0.001183	0.004582	0.000945	0.001038
Parking Lot	0.542116	0.037578	0.185203	0.118503	0.016241	0.005141	0.017392	0.068695	0.001383	0.001183	0.004582	0.000945	0.001038
Regional Shopping Center	0.542116	0.037578	0.185203	0.118503	0.016241	0.005141	0.017392	0.068695	0.001383	0.001183	0.004582	0.000945	0.001038

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Install High Efficiency Lighting

Vineyard II Mitigated HRA - Riverside-South Coast County, Annual

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	222.2692	222.2692	9.3000e-003	1.9400e-003	223.0794
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	260.4098	260.4098	0.0109	2.2700e-003	261.3591
NaturalGas Mitigated	0.0122	0.1106	0.0929	6.6000e-004		8.4100e-003	8.4100e-003		8.4100e-003	8.4100e-003	0.0000	120.4006	120.4006	2.3100e-003	2.2100e-003	121.1161
NaturalGas Unmitigated	0.0122	0.1106	0.0929	6.6000e-004		8.4100e-003	8.4100e-003		8.4100e-003	8.4100e-003	0.0000	120.4006	120.4006	2.3100e-003	2.2100e-003	121.1161

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Fast Food Restaurant with Drive Thru	984384	5.3100e-003	0.0483	0.0405	2.9000e-004		3.6700e-003	3.6700e-003		3.6700e-003	3.6700e-003	0.0000	52.5305	52.5305	1.0100e-003	9.6000e-004	52.8426
Health Club	1.20213e+006	6.4800e-003	0.0589	0.0495	3.5000e-004		4.4800e-003	4.4800e-003		4.4800e-003	4.4800e-003	0.0000	64.1502	64.1502	1.2300e-003	1.1800e-003	64.5315
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	69708	3.8000e-004	3.4200e-003	2.8700e-003	2.0000e-005		2.6000e-004	2.6000e-004		2.6000e-004	2.6000e-004	0.0000	3.7199	3.7199	7.0000e-005	7.0000e-005	3.7420
Total		**0.0122**	**0.1106**	**0.0929**	**6.6000e-004**		**8.4100e-003**	**8.4100e-003**		**8.4100e-003**	**8.4100e-003**	**0.0000**	**120.4006**	**120.4006**	**2.3100e-003**	**2.2100e-003**	**121.1161**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Fast Food Restaurant with Drive Thru	984384	5.3100e-003	0.0483	0.0405	2.9000e-004		3.6700e-003	3.6700e-003		3.6700e-003	3.6700e-003	0.0000	52.5305	52.5305	1.0100e-003	9.6000e-004	52.8426
Health Club	1.20213e+006	6.4800e-003	0.0589	0.0495	3.5000e-004		4.4800e-003	4.4800e-003		4.4800e-003	4.4800e-003	0.0000	64.1502	64.1502	1.2300e-003	1.1800e-003	64.5315
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	69708	3.8000e-004	3.4200e-003	2.8700e-003	2.0000e-005		2.6000e-004	2.6000e-004		2.6000e-004	2.6000e-004	0.0000	3.7199	3.7199	7.0000e-005	7.0000e-005	3.7420
Total		**0.0122**	**0.1106**	**0.0929**	**6.6000e-004**		**8.4100e-003**	**8.4100e-003**		**8.4100e-003**	**8.4100e-003**	**0.0000**	**120.4006**	**120.4006**	**2.3100e-003**	**2.2100e-003**	**121.1161**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Fast Food Restaurant with Drive Thru	170928	44.4535	1.8600e-003	3.9000e-004	44.6156
Health Club	375550	97.6699	4.0900e-003	8.5000e-004	98.0260
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	58240	15.1466	6.3000e-004	1.3000e-004	15.2018
Regional Shopping Center	396582	103.1398	4.3200e-003	9.0000e-004	103.5157
Total		**260.4098**	**0.0109**	**2.2700e-003**	**261.3591**

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Fast Food Restaurant with Drive Thru	161395	41.9743	1.7600e-003	3.7000e-004	42.1273
Health Club	332186	86.3922	3.6200e-003	7.5000e-004	86.7071
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	34944	9.0880	3.8000e-004	8.0000e-005	9.1211
Regional Shopping Center	326120	84.8147	3.5500e-003	7.4000e-004	85.1239
Total		**222.2692**	**9.3100e-003**	**1.9400e-003**	**223.0794**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.3128	6.0000e-005	6.3400e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0123	0.0123	3.0000e-005	0.0000	0.0131
Unmitigated	0.3128	6.0000e-005	6.3400e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0123	0.0123	3.0000e-005	0.0000	0.0131

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0229					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.2893					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	5.9000e-004	6.0000e-005	6.3400e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0123	0.0123	3.0000e-005	0.0000	0.0131
Total	**0.3128**	**6.0000e-005**	**6.3400e-003**	**0.0000**		**2.0000e-005**	**2.0000e-005**		**2.0000e-005**	**2.0000e-005**	**0.0000**	**0.0123**	**0.0123**	**3.0000e-005**	**0.0000**	**0.0131**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0229					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.2893					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	5.9000e-004	6.0000e-005	6.3400e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0123	0.0123	3.0000e-005	0.0000	0.0131
Total	**0.3128**	**6.0000e-005**	**6.3400e-003**	**0.0000**		**2.0000e-005**	**2.0000e-005**		**2.0000e-005**	**2.0000e-005**	**0.0000**	**0.0123**	**0.0123**	**3.0000e-005**	**0.0000**	**0.0131**

7.0 Water Detail

7.1 Mitigation Measures Water

Install Low Flow Bathroom Faucet

Install Low Flow Toilet

Use Water Efficient Irrigation System

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	26.0747	7.0000e-003	3.9900e-003	27.4397
Unmitigated	29.1667	7.9700e-003	4.5500e-003	30.7220

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Fast Food Restaurant with Drive Thru	1.09272 / 0.0697482	4.2885	1.4900e-003	8.7000e-004	4.5866
Health Club	2.1883 / 1.34121	12.0600	3.1400e-003	1.7800e-003	12.6695
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	2.32588 / 1.42554	12.8182	3.3300e-003	1.8900e-003	13.4660
Total		**29.1667**	**7.9600e-003**	**4.5400e-003**	**30.7220**

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Fast Food Restaurant with Drive Thru	0.957661 / 0.0654935	3.7711	1.3100e-003	7.7000e-004	4.0323
Health Club	1.91782 / 1.2594	10.8119	2.7600e-003	1.5600e-003	11.3470
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	2.0384 / 1.33858	11.4917	2.9300e-003	1.6600e-003	12.0604
Total		**26.0747**	**7.0000e-003**	**3.9900e-003**	**27.4397**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	28.9607	1.7115	0.0000	71.7490
Unmitigated	57.9214	3.4231	0.0000	143.4979

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Fast Food Restaurant with Drive Thru	41.47	8.4180	0.4975	0.0000	20.8553
Health Club	210.9	42.8108	2.5301	0.0000	106.0619
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	32.97	6.6926	0.3955	0.0000	16.5807
Total		**57.9214**	**3.4231**	**0.0000**	**143.4979**

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Fast Food Restaurant with Drive Thru	20.735	4.2090	0.2488	0.0000	10.4277
Health Club	105.45	21.4054	1.2650	0.0000	53.0310
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	16.485	3.3463	0.1978	0.0000	8.2903
Total		**28.9607**	**1.7115**	**0.0000**	**71.7490**

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Vineyard II Unmitigated

Riverside-South Coast County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	5.97	Acre	5.97	260,053.20	0
Other Non-Asphalt Surfaces	0.54	Acre	0.54	23,522.40	0
Parking Lot	416.00	Space	3.74	166,400.00	0
Fast Food Restaurant with Drive Thru	3.60	1000sqft	0.08	3,600.00	0
Health Club	37.00	1000sqft	0.85	37,000.00	0
Regional Shopping Center	31.40	1000sqft	0.72	31,400.00	0

1.2 Other Project Characteristics

Urbanization	Rural	**Wind Speed (m/s)**	2.4	**Precipitation Freq (Days)**	28
Climate Zone	10			**Operational Year**	2021
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	573.36	**CH4 Intensity (lb/MWhr)**	0.024	**N2O Intensity (lb/MWhr)**	0.005

1.3 User Entered Comments & Non-Default Data

Project Characteristics - RPS

Land Use -

Construction Phase - Data provided by applicant.

Off-road Equipment -

Off-road Equipment - Data provided by applicant.

Off-road Equipment - Data provided by applicant.

Off-road Equipment - Data provided by applicant.

Off-road Equipment -

Off-road Equipment - Data provided by applicant.

Off-road Equipment - Data provided by applicant.

Off-road Equipment - Data provided by applicant.

Off-road Equipment - Data provided by applicant.

Trips and VMT - Export 16,300 cy of soil haul truck trips. Onsite truck trip 0.19 miles (1,000 feet) for HRA.

Grading - Data provided by applicant.

Architectural Coating - VOC rule limit

Vehicle Trips - calculated in excel workbook

Area Coating - VOC rule limit

Energy Use -

Water And Wastewater - CalEEMod default water and wastewater values, assumed 100% aerobic.

Solid Waste -

Construction Off-road Equipment Mitigation - Dust control measures

Area Mitigation -

Energy Mitigation -

Water Mitigation -

Waste Mitigation -

Vineyard II Unmitigated - Riverside-South Coast County, Annual

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	100.00	50.00
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tblArchitecturalCoating	EF_Nonresidential_Interior	100.00	50.00
tblAreaCoating	Area_EF_Nonresidential_Exterior	100	50
tblAreaCoating	Area_EF_Nonresidential_Interior	100	50
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	26
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
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tblConstructionPhase	NumDays	300.00	109.00
tblConstructionPhase	NumDays	20.00	30.00
tblConstructionPhase	NumDays	30.00	131.00
tblConstructionPhase	NumDays	300.00	87.00
tblConstructionPhase	NumDays	20.00	30.00
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tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	8.00	6.00
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tblProjectCharacteristics	CO2IntensityFactor	702.44	573.36
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.005
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tblTripsAndVMT	HaulingTripLength	20.00	0.19
tblTripsAndVMT	HaulingTripLength	20.00	0.19
tblTripsAndVMT	HaulingTripLength	20.00	0.19
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tblTripsAndVMT	HaulingTripLength	20.00	0.19
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tblWater	SepticTankPercent	10.33	0.00

tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2020	0.0871	1.0005	0.5978	1.2000e-003	0.1831	0.0427	0.2258	0.0983	0.0393	0.1376	0.0000	105.5810	105.5810	0.0336	0.0000	106.4203
2021	1.0691	5.8189	4.7385	8.8800e-003	0.4113	0.2557	0.6670	0.2234	0.2425	0.4659	0.0000	768.1420	768.1420	0.1715	0.0000	772.4302
Maximum	**1.0691**	**5.8189**	**4.7385**	**8.8800e-003**	**0.4113**	**0.2557**	**0.6670**	**0.2234**	**0.2425**	**0.4659**	**0.0000**	**768.1420**	**768.1420**	**0.1715**	**0.0000**	**772.4302**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2020	0.0871	1.0005	0.5978	1.2000e-003	0.0715	0.0427	0.1142	0.0384	0.0393	0.0777	0.0000	105.5809	105.5809	0.0336	0.0000	106.4201
2021	1.0691	5.8189	4.7385	8.8800e-003	0.1612	0.2557	0.4169	0.0874	0.2425	0.3299	0.0000	768.1412	768.1412	0.1715	0.0000	772.4293
Maximum	**1.0691**	**5.8189**	**4.7385**	**8.8800e-003**	**0.1612**	**0.2557**	**0.4169**	**0.0874**	**0.2425**	**0.3299**	**0.0000**	**768.1412**	**768.1412**	**0.1715**	**0.0000**	**772.4293**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**60.85**	**0.00**	**40.51**	**60.91**	**0.00**	**32.47**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
4	11-1-2020	1-31-2021	2.1353	2.1353
5	2-1-2021	4-30-2021	1.9472	1.9472
6	5-1-2021	7-31-2021	1.6673	1.6673
7	8-1-2021	9-30-2021	1.4688	1.4688
		Highest	2.1353	2.1353

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.3128	6.0000e-005	6.3400e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0123	0.0123	3.0000e-005	0.0000	0.0131
Energy	0.0122	0.1106	0.0929	6.6000e-004		8.4100e-003	8.4100e-003		8.4100e-003	8.4100e-003	0.0000	380.8104	380.8104	0.0132	4.4800e-003	382.4751
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	57.9214	0.0000	57.9214	3.4231	0.0000	143.4979
Water						0.0000	0.0000		0.0000	0.0000	1.9837	27.1829	29.1667	7.9700e-003	4.5500e-003	30.7220
Total	**0.3250**	**0.1107**	**0.0992**	**6.6000e-004**	**0.0000**	**8.4300e-003**	**8.4300e-003**	**0.0000**	**8.4300e-003**	**8.4300e-003**	**59.9052**	**408.0056**	**467.9108**	**3.4443**	**9.0300e-003**	**556.7081**

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.3128	6.0000e-005	6.3400e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0123	0.0123	3.0000e-005	0.0000	0.0131
Energy	0.0122	0.1106	0.0929	6.6000e-004		8.4100e-003	8.4100e-003		8.4100e-003	8.4100e-003	0.0000	342.6698	342.6698	0.0116	4.1500e-003	344.1954
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	28.9607	0.0000	28.9607	1.7115	0.0000	71.7490
Water						0.0000	0.0000		0.0000	0.0000	1.7385	24.3362	26.0747	7.0000e-003	3.9900e-003	27.4397
Total	**0.3250**	**0.1107**	**0.0992**	**6.6000e-004**	**0.0000**	**8.4300e-003**	**8.4300e-003**	**0.0000**	**8.4300e-003**	**8.4300e-003**	**30.6993**	**367.0182**	**397.7175**	**1.7302**	**8.1400e-003**	**443.3972**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**48.75**	**10.05**	**15.00**	**49.77**	**9.86**	**20.35**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	11/23/2020	12/4/2020	5	10	
2	Phase 1 Fine Grading and Trenching	Grading	11/23/2020	2/19/2021	5	65	
3	Phase 1 Building Construction	Building Construction	1/1/2021	6/2/2021	5	109	
4	Phase 1 Paving	Paving	4/1/2021	5/12/2021	5	30	
5	Phase 1 Architectural Coating	Architectural Coating	4/20/2021	5/17/2021	5	20	
6	Phase 2 Precise Grading and Footing Trenching	Grading	5/16/2021	11/15/2021	5	131	
7	Phase 2 Building Construction	Building Construction	7/1/2021	10/29/2021	5	87	
8	Phase 2 Architectural Coating	Architectural Coating	8/1/2021	9/10/2021	5	30	
9	Phase 2 Paving	Paving	9/1/2021	9/28/2021	5	20	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 10.25

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 108,000; Non-Residential Outdoor: 36,000; Striped Parking Area: 26,999 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Site Preparation	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Phase 1 Fine Grading and Trenching	Excavators	3	8.00	158	0.38
Phase 1 Fine Grading and Trenching	Graders	1	8.00	187	0.41
Phase 1 Fine Grading and Trenching	Rubber Tired Dozers	1	8.00	247	0.40
Phase 1 Fine Grading and Trenching	Scrapers	2	8.00	367	0.48

Phase 1 Fine Grading and Trenching	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Phase 1 Building Construction	Air Compressors	1	6.00	78	0.48
Phase 1 Building Construction	Cranes	1	8.00	231	0.29
Phase 1 Building Construction	Forklifts	1	6.00	89	0.20
Phase 1 Building Construction	Generator Sets	6	6.00	84	0.74
Phase 1 Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Phase 1 Building Construction	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Phase 1 Building Construction	Welders	4	8.00	46	0.45
Phase 1 Paving	Cement and Mortar Mixers	1	8.00	9	0.56
Phase 1 Paving	Paving Equipment	1	8.00	132	0.36
Phase 1 Paving	Rollers	1	8.00	80	0.38
Phase 1 Architectural Coating	Air Compressors	1	6.00	78	0.48
Phase 2 Precise Grading and Footing Trenching	Excavators	2	8.00	158	0.38
Phase 2 Precise Grading and Footing Trenching	Graders	1	8.00	187	0.41
Phase 2 Precise Grading and Footing Trenching	Rubber Tired Dozers	1	6.00	247	0.40
Phase 2 Precise Grading and Footing Trenching	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Phase 2 Building Construction	Air Compressors	1	8.00	78	0.48
Phase 2 Building Construction	Cranes	1	8.00	231	0.29
Phase 2 Building Construction	Forklifts	1	6.00	89	0.20
Phase 2 Building Construction	Generator Sets	2	6.00	84	0.74
Phase 2 Building Construction	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Phase 2 Building Construction	Welders	4	6.00	46	0.45
Phase 2 Architectural Coating	Air Compressors	1	6.00	78	0.48
Phase 2 Paving	Paving Equipment	1	8.00	132	0.36
Phase 2 Paving	Rollers	2	8.00	80	0.38
Phase 2 Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	5	0.00	0.00	0.00	0.00	0.19	0.19	LD_Mix	HDT_Mix	HHDT
Phase 1 Fine Grading and Trenching	9	0.00	0.00	2,038.00	0.00	0.19	0.19	LD_Mix	HDT_Mix	HHDT
Phase 1 Building Construction	17	0.00	85.00	0.00	0.00	0.19	0.19	LD_Mix	HDT_Mix	HHDT
Phase 1 Paving	3	0.00	0.00	0.00	0.00	0.19	0.19	LD_Mix	HDT_Mix	HHDT
Phase 1 Architectural Coating	1	0.00	0.00	0.00	0.00	0.19	0.19	LD_Mix	HDT_Mix	HHDT
Phase 2 Precise Grading and Footing T	6	0.00	0.00	0.00	0.00	0.19	0.19	LD_Mix	HDT_Mix	HHDT
Phase 2 Building Construction	10	0.00	85.00	0.00	0.00	0.19	0.19	LD_Mix	HDT_Mix	HHDT
Phase 2 Architectural Coating	1	0.00	0.00	0.00	0.00	0.19	0.19	LD_Mix	HDT_Mix	HHDT
Phase 2 Paving	4	0.00	0.00	0.00	0.00	0.19	0.19	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Soil Stabilizer

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

3.2 Site Preparation - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0903	0.0000	0.0903	0.0497	0.0000	0.0497	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0180	0.1884	0.0819	1.6000e-004		9.4900e-003	9.4900e-003		8.7300e-003	8.7300e-003	0.0000	13.6458	13.6458	4.4100e-003	0.0000	13.7561
Total	**0.0180**	**0.1884**	**0.0819**	**1.6000e-004**	**0.0903**	**9.4900e-003**	**0.0998**	**0.0497**	**8.7300e-003**	**0.0584**	**0.0000**	**13.6458**	**13.6458**	**4.4100e-003**	**0.0000**	**13.7561**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.2 Site Preparation - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0352	0.0000	0.0352	0.0194	0.0000	0.0194	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0180	0.1884	0.0819	1.6000e-004		9.4900e-003	9.4900e-003		8.7300e-003	8.7300e-003	0.0000	13.6457	13.6457	4.4100e-003	0.0000	13.7561
Total	**0.0180**	**0.1884**	**0.0819**	**1.6000e-004**	**0.0352**	**9.4900e-003**	**0.0447**	**0.0194**	**8.7300e-003**	**0.0281**	**0.0000**	**13.6457**	**13.6457**	**4.4100e-003**	**0.0000**	**13.7561**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.3 Phase 1 Fine Grading and Trenching - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0926	0.0000	0.0926	0.0486	0.0000	0.0486	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0681	0.7629	0.5108	9.7000e-004		0.0332	0.0332		0.0306	0.0306	0.0000	85.5809	85.5809	0.0277	0.0000	86.2728
Total	**0.0681**	**0.7629**	**0.5108**	**9.7000e-004**	**0.0926**	**0.0332**	**0.1258**	**0.0486**	**0.0306**	**0.0792**	**0.0000**	**85.5809**	**85.5809**	**0.0277**	**0.0000**	**86.2728**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	9.7000e-004	0.0493	5.1200e-003	7.0000e-005	1.5000e-004	2.0000e-005	1.8000e-004	4.0000e-005	2.0000e-005	6.0000e-005	0.0000	6.3544	6.3544	1.4800e-003	0.0000	6.3913
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**9.7000e-004**	**0.0493**	**5.1200e-003**	**7.0000e-005**	**1.5000e-004**	**2.0000e-005**	**1.8000e-004**	**4.0000e-005**	**2.0000e-005**	**6.0000e-005**	**0.0000**	**6.3544**	**6.3544**	**1.4800e-003**	**0.0000**	**6.3913**

3.3 Phase 1 Fine Grading and Trenching - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0361	0.0000	0.0361	0.0190	0.0000	0.0190	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0681	0.7629	0.5108	9.7000e-004		0.0332	0.0332		0.0306	0.0306	0.0000	85.5808	85.5808	0.0277	0.0000	86.2727
Total	**0.0681**	**0.7629**	**0.5108**	**9.7000e-004**	**0.0361**	**0.0332**	**0.0693**	**0.0190**	**0.0306**	**0.0495**	**0.0000**	**85.5808**	**85.5808**	**0.0277**	**0.0000**	**86.2727**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	9.7000e-004	0.0493	5.1200e-003	7.0000e-005	1.2000e-004	2.0000e-005	1.4000e-004	3.0000e-005	2.0000e-005	5.0000e-005	0.0000	6.3544	6.3544	1.4800e-003	0.0000	6.3913
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**9.7000e-004**	**0.0493**	**5.1200e-003**	**7.0000e-005**	**1.2000e-004**	**2.0000e-005**	**1.4000e-004**	**3.0000e-005**	**2.0000e-005**	**5.0000e-005**	**0.0000**	**6.3544**	**6.3544**	**1.4800e-003**	**0.0000**	**6.3913**

3.3 Phase 1 Fine Grading and Trenching - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1137	0.0000	0.1137	0.0602	0.0000	0.0602	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0796	0.8740	0.6147	1.2100e-003		0.0376	0.0376		0.0346	0.0346	0.0000	106.2588	106.2588	0.0344	0.0000	107.1179
Total	**0.0796**	**0.8740**	**0.6147**	**1.2100e-003**	**0.1137**	**0.0376**	**0.1513**	**0.0602**	**0.0346**	**0.0948**	**0.0000**	**106.2588**	**106.2588**	**0.0344**	**0.0000**	**107.1179**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.1400e-003	0.0591	6.0600e-003	8.0000e-005	1.6000e-004	2.0000e-005	1.8000e-004	4.0000e-005	2.0000e-005	7.0000e-005	0.0000	7.8041	7.8041	1.7400e-003	0.0000	7.8476
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.1400e-003**	**0.0591**	**6.0600e-003**	**8.0000e-005**	**1.6000e-004**	**2.0000e-005**	**1.8000e-004**	**4.0000e-005**	**2.0000e-005**	**7.0000e-005**	**0.0000**	**7.8041**	**7.8041**	**1.7400e-003**	**0.0000**	**7.8476**

3.3 Phase 1 Fine Grading and Trenching - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0443	0.0000	0.0443	0.0235	0.0000	0.0235	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0796	0.8740	0.6147	1.2100e-003		0.0376	0.0376		0.0346	0.0346	0.0000	106.2586	106.2586	0.0344	0.0000	107.1178
Total	**0.0796**	**0.8740**	**0.6147**	**1.2100e-003**	**0.0443**	**0.0376**	**0.0820**	**0.0235**	**0.0346**	**0.0581**	**0.0000**	**106.2586**	**106.2586**	**0.0344**	**0.0000**	**107.1178**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.1400e-003	0.0591	6.0600e-003	8.0000e-005	1.3000e-004	2.0000e-005	1.5000e-004	4.0000e-005	2.0000e-005	6.0000e-005	0.0000	7.8041	7.8041	1.7400e-003	0.0000	7.8476
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.1400e-003**	**0.0591**	**6.0600e-003**	**8.0000e-005**	**1.3000e-004**	**2.0000e-005**	**1.5000e-004**	**4.0000e-005**	**2.0000e-005**	**6.0000e-005**	**0.0000**	**7.8041**	**7.8041**	**1.7400e-003**	**0.0000**	**7.8476**

3.4 Phase 1 Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2304	1.8757	1.9798	3.3200e-003		0.0987	0.0987		0.0958	0.0958	0.0000	280.6076	280.6076	0.0415	0.0000	281.6456
Total	**0.2304**	**1.8757**	**1.9798**	**3.3200e-003**		**0.0987**	**0.0987**		**0.0958**	**0.0958**	**0.0000**	**280.6076**	**280.6076**	**0.0415**	**0.0000**	**281.6456**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	7.0300e-003	0.3060	0.0580	3.6000e-004	9.2000e-004	1.1000e-004	1.0400e-003	2.8000e-004	1.1000e-004	3.9000e-004	0.0000	34.4229	34.4229	7.4900e-003	0.0000	34.6101
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**7.0300e-003**	**0.3060**	**0.0580**	**3.6000e-004**	**9.2000e-004**	**1.1000e-004**	**1.0400e-003**	**2.8000e-004**	**1.1000e-004**	**3.9000e-004**	**0.0000**	**34.4229**	**34.4229**	**7.4900e-003**	**0.0000**	**34.6101**

3.4 Phase 1 Building Construction - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2304	1.8757	1.9798	3.3200e-003		0.0987	0.0987		0.0958	0.0958	0.0000	280.6072	280.6072	0.0415	0.0000	281.6453
Total	**0.2304**	**1.8757**	**1.9798**	**3.3200e-003**		**0.0987**	**0.0987**		**0.0958**	**0.0958**	**0.0000**	**280.6072**	**280.6072**	**0.0415**	**0.0000**	**281.6453**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	7.0300e-003	0.3060	0.0580	3.6000e-004	7.8000e-004	1.1000e-004	8.9000e-004	2.4000e-004	1.1000e-004	3.5000e-004	0.0000	34.4229	34.4229	7.4900e-003	0.0000	34.6101
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**7.0300e-003**	**0.3060**	**0.0580**	**3.6000e-004**	**7.8000e-004**	**1.1000e-004**	**8.9000e-004**	**2.4000e-004**	**1.1000e-004**	**3.5000e-004**	**0.0000**	**34.4229**	**34.4229**	**7.4900e-003**	**0.0000**	**34.6101**

3.5 Phase 1 Paving - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	6.6000e-003	0.0635	0.0710	1.1000e-004		3.4200e-003	3.4200e-003		3.1600e-003	3.1600e-003	0.0000	9.5127	9.5127	2.9300e-003	0.0000	9.5858
Paving	0.0127					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0193**	**0.0635**	**0.0710**	**1.1000e-004**		**3.4200e-003**	**3.4200e-003**		**3.1600e-003**	**3.1600e-003**	**0.0000**	**9.5127**	**9.5127**	**2.9300e-003**	**0.0000**	**9.5858**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.5 Phase 1 Paving - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	6.6000e-003	0.0635	0.0710	1.1000e-004		3.4200e-003	3.4200e-003		3.1600e-003	3.1600e-003	0.0000	9.5127	9.5127	2.9300e-003	0.0000	9.5858
Paving	0.0127					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0193**	**0.0635**	**0.0710**	**1.1000e-004**		**3.4200e-003**	**3.4200e-003**		**3.1600e-003**	**3.1600e-003**	**0.0000**	**9.5127**	**9.5127**	**2.9300e-003**	**0.0000**	**9.5858**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.6 Phase 1 Architectural Coating - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.2294					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.1900e-003	0.0153	0.0182	3.0000e-005		9.4000e-004	9.4000e-004		9.4000e-004	9.4000e-004	0.0000	2.5533	2.5533	1.8000e-004	0.0000	2.5576
Total	**0.2316**	**0.0153**	**0.0182**	**3.0000e-005**		**9.4000e-004**	**9.4000e-004**		**9.4000e-004**	**9.4000e-004**	**0.0000**	**2.5533**	**2.5533**	**1.8000e-004**	**0.0000**	**2.5576**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.6 Phase 1 Architectural Coating - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.2294					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.1900e-003	0.0153	0.0182	3.0000e-005		9.4000e-004	9.4000e-004		9.4000e-004	9.4000e-004	0.0000	2.5533	2.5533	1.8000e-004	0.0000	2.5576
Total	**0.2316**	**0.0153**	**0.0182**	**3.0000e-005**		**9.4000e-004**	**9.4000e-004**		**9.4000e-004**	**9.4000e-004**	**0.0000**	**2.5533**	**2.5533**	**1.8000e-004**	**0.0000**	**2.5576**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.7 Phase 2 Precise Grading and Footing Trenching - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.2958	0.0000	0.2958	0.1626	0.0000	0.1626	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1356	1.4575	1.0388	1.9400e-003		0.0668	0.0668		0.0614	0.0614	0.0000	170.2033	170.2033	0.0551	0.0000	171.5795
Total	**0.1356**	**1.4575**	**1.0388**	**1.9400e-003**	**0.2958**	**0.0668**	**0.3626**	**0.1626**	**0.0614**	**0.2240**	**0.0000**	**170.2033**	**170.2033**	**0.0551**	**0.0000**	**171.5795**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.7 Phase 2 Precise Grading and Footing Trenching - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1154	0.0000	0.1154	0.0634	0.0000	0.0634	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1356	1.4575	1.0388	1.9400e-003		0.0668	0.0668		0.0614	0.0614	0.0000	170.2031	170.2031	0.0551	0.0000	171.5793
Total	**0.1356**	**1.4575**	**1.0388**	**1.9400e-003**	**0.1154**	**0.0668**	**0.1822**	**0.0634**	**0.0614**	**0.1249**	**0.0000**	**170.2031**	**170.2031**	**0.0551**	**0.0000**	**171.5793**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.8 Phase 2 Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1058	0.8239	0.7928	1.3700e-003		0.0422	0.0422		0.0409	0.0409	0.0000	114.5562	114.5562	0.0185	0.0000	115.0184
Total	**0.1058**	**0.8239**	**0.7928**	**1.3700e-003**		**0.0422**	**0.0422**		**0.0409**	**0.0409**	**0.0000**	**114.5562**	**114.5562**	**0.0185**	**0.0000**	**115.0184**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.6100e-003	0.2443	0.0463	2.9000e-004	7.4000e-004	9.0000e-005	8.3000e-004	2.2000e-004	9.0000e-005	3.1000e-004	0.0000	27.4751	27.4751	5.9800e-003	0.0000	27.6246
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**5.6100e-003**	**0.2443**	**0.0463**	**2.9000e-004**	**7.4000e-004**	**9.0000e-005**	**8.3000e-004**	**2.2000e-004**	**9.0000e-005**	**3.1000e-004**	**0.0000**	**27.4751**	**27.4751**	**5.9800e-003**	**0.0000**	**27.6246**

3.8 Phase 2 Building Construction - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1058	0.8239	0.7928	1.3700e-003		0.0422	0.0422		0.0409	0.0409	0.0000	114.5561	114.5561	0.0185	0.0000	115.0182
Total	**0.1058**	**0.8239**	**0.7928**	**1.3700e-003**		**0.0422**	**0.0422**		**0.0409**	**0.0409**	**0.0000**	**114.5561**	**114.5561**	**0.0185**	**0.0000**	**115.0182**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.6100e-003	0.2443	0.0463	2.9000e-004	6.2000e-004	9.0000e-005	7.1000e-004	1.9000e-004	9.0000e-005	2.8000e-004	0.0000	27.4751	27.4751	5.9800e-003	0.0000	27.6246
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**5.6100e-003**	**0.2443**	**0.0463**	**2.9000e-004**	**6.2000e-004**	**9.0000e-005**	**7.1000e-004**	**1.9000e-004**	**9.0000e-005**	**2.8000e-004**	**0.0000**	**27.4751**	**27.4751**	**5.9800e-003**	**0.0000**	**27.6246**

3.9 Phase 2 Architectural Coating - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.2294					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.2800e-003	0.0229	0.0273	4.0000e-005		1.4100e-003	1.4100e-003		1.4100e-003	1.4100e-003	0.0000	3.8299	3.8299	2.6000e-004	0.0000	3.8365
Total	**0.2327**	**0.0229**	**0.0273**	**4.0000e-005**		**1.4100e-003**	**1.4100e-003**		**1.4100e-003**	**1.4100e-003**	**0.0000**	**3.8299**	**3.8299**	**2.6000e-004**	**0.0000**	**3.8365**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.9 Phase 2 Architectural Coating - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.2294					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.2800e-003	0.0229	0.0273	4.0000e-005		1.4100e-003	1.4100e-003		1.4100e-003	1.4100e-003	0.0000	3.8299	3.8299	2.6000e-004	0.0000	3.8365
Total	**0.2327**	**0.0229**	**0.0273**	**4.0000e-005**		**1.4100e-003**	**1.4100e-003**		**1.4100e-003**	**1.4100e-003**	**0.0000**	**3.8299**	**3.8299**	**2.6000e-004**	**0.0000**	**3.8365**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.10 Phase 2 Paving - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	7.5800e-003	0.0769	0.0856	1.2000e-004		4.4300e-003	4.4300e-003		4.0700e-003	4.0700e-003	0.0000	10.9183	10.9183	3.5300e-003	0.0000	11.0066
Paving	0.0127					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0203**	**0.0769**	**0.0856**	**1.2000e-004**		**4.4300e-003**	**4.4300e-003**		**4.0700e-003**	**4.0700e-003**	**0.0000**	**10.9183**	**10.9183**	**3.5300e-003**	**0.0000**	**11.0066**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.10 Phase 2 Paving - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	7.5800e-003	0.0769	0.0856	1.2000e-004		4.4300e-003	4.4300e-003		4.0700e-003	4.0700e-003	0.0000	10.9183	10.9183	3.5300e-003	0.0000	11.0065
Paving	0.0127					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0203**	**0.0769**	**0.0856**	**1.2000e-004**		**4.4300e-003**	**4.4300e-003**		**4.0700e-003**	**4.0700e-003**	**0.0000**	**10.9183**	**10.9183**	**3.5300e-003**	**0.0000**	**11.0065**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Fast Food Restaurant with Drive Thru	0.00	0.00	0.00		
Health Club	0.00	0.00	0.00		
Other Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Regional Shopping Center	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Fast Food Restaurant with Drive	18.50	10.10	7.90	2.20	78.80	19.00	29	21	50
Health Club	18.50	10.10	7.90	16.90	64.10	19.00	52	39	9
Other Asphalt Surfaces	18.50	10.10	7.90	0.00	0.00	0.00	0	0	0
Other Non-Asphalt Surfaces	18.50	10.10	7.90	0.00	0.00	0.00	0	0	0
Parking Lot	18.50	10.10	7.90	0.00	0.00	0.00	0	0	0
Regional Shopping Center	18.50	10.10	7.90	16.30	64.70	19.00	54	35	11

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Fast Food Restaurant with Drive Thru	0.542116	0.037578	0.185203	0.118503	0.016241	0.005141	0.017392	0.068695	0.001383	0.001183	0.004582	0.000945	0.001038
Health Club	0.542116	0.037578	0.185203	0.118503	0.016241	0.005141	0.017392	0.068695	0.001383	0.001183	0.004582	0.000945	0.001038
Other Asphalt Surfaces	0.542116	0.037578	0.185203	0.118503	0.016241	0.005141	0.017392	0.068695	0.001383	0.001183	0.004582	0.000945	0.001038
Other Non-Asphalt Surfaces	0.542116	0.037578	0.185203	0.118503	0.016241	0.005141	0.017392	0.068695	0.001383	0.001183	0.004582	0.000945	0.001038
Parking Lot	0.542116	0.037578	0.185203	0.118503	0.016241	0.005141	0.017392	0.068695	0.001383	0.001183	0.004582	0.000945	0.001038
Regional Shopping Center	0.542116	0.037578	0.185203	0.118503	0.016241	0.005141	0.017392	0.068695	0.001383	0.001183	0.004582	0.000945	0.001038

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Install High Efficiency Lighting

Vineyard II Unmitigated - Riverside-South Coast County, Annual

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	222.2692	222.2692	9.3000e-003	1.9400e-003	223.0794
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	260.4098	260.4098	0.0109	2.2700e-003	261.3591
NaturalGas Mitigated	0.0122	0.1106	0.0929	6.6000e-004		8.4100e-003	8.4100e-003		8.4100e-003	8.4100e-003	0.0000	120.4006	120.4006	2.3100e-003	2.2100e-003	121.1161
NaturalGas Unmitigated	0.0122	0.1106	0.0929	6.6000e-004		8.4100e-003	8.4100e-003		8.4100e-003	8.4100e-003	0.0000	120.4006	120.4006	2.3100e-003	2.2100e-003	121.1161

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Fast Food Restaurant with Drive Thru	984384	5.3100e-003	0.0483	0.0405	2.9000e-004		3.6700e-003	3.6700e-003		3.6700e-003	3.6700e-003	0.0000	52.5305	52.5305	1.0100e-003	9.6000e-004	52.8426
Health Club	1.20213e+006	6.4800e-003	0.0589	0.0495	3.5000e-004		4.4800e-003	4.4800e-003		4.4800e-003	4.4800e-003	0.0000	64.1502	64.1502	1.2300e-003	1.1800e-003	64.5315
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	69708	3.8000e-004	3.4200e-003	2.8700e-003	2.0000e-005		2.6000e-004	2.6000e-004		2.6000e-004	2.6000e-004	0.0000	3.7199	3.7199	7.0000e-005	7.0000e-005	3.7420
Total		**0.0122**	**0.1106**	**0.0929**	**6.6000e-004**		**8.4100e-003**	**8.4100e-003**		**8.4100e-003**	**8.4100e-003**	**0.0000**	**120.4006**	**120.4006**	**2.3100e-003**	**2.2100e-003**	**121.1161**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Fast Food Restaurant with Drive Thru	984384	5.3100e-003	0.0483	0.0405	2.9000e-004		3.6700e-003	3.6700e-003		3.6700e-003	3.6700e-003	0.0000	52.5305	52.5305	1.0100e-003	9.6000e-004	52.8426
Health Club	1.20213e+006	6.4800e-003	0.0589	0.0495	3.5000e-004		4.4800e-003	4.4800e-003		4.4800e-003	4.4800e-003	0.0000	64.1502	64.1502	1.2300e-003	1.1800e-003	64.5315
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	69708	3.8000e-004	3.4200e-003	2.8700e-003	2.0000e-005		2.6000e-004	2.6000e-004		2.6000e-004	2.6000e-004	0.0000	3.7199	3.7199	7.0000e-005	7.0000e-005	3.7420
Total		**0.0122**	**0.1106**	**0.0929**	**6.6000e-004**		**8.4100e-003**	**8.4100e-003**		**8.4100e-003**	**8.4100e-003**	**0.0000**	**120.4006**	**120.4006**	**2.3100e-003**	**2.2100e-003**	**121.1161**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Fast Food Restaurant with Drive Thru	170928	44.4535	1.8600e-003	3.9000e-004	44.6156
Health Club	375550	97.6699	4.0900e-003	8.5000e-004	98.0260
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	58240	15.1466	6.3000e-004	1.3000e-004	15.2018
Regional Shopping Center	396582	103.1398	4.3200e-003	9.0000e-004	103.5157
Total		**260.4098**	**0.0109**	**2.2700e-003**	**261.3591**

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Fast Food Restaurant with Drive Thru	161395	41.9743	1.7600e-003	3.7000e-004	42.1273
Health Club	332186	86.3922	3.6200e-003	7.5000e-004	86.7071
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	34944	9.0880	3.8000e-004	8.0000e-005	9.1211
Regional Shopping Center	326120	84.8147	3.5500e-003	7.4000e-004	85.1239
Total		**222.2692**	**9.3100e-003**	**1.9400e-003**	**223.0794**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.3128	6.0000e-005	6.3400e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0123	0.0123	3.0000e-005	0.0000	0.0131
Unmitigated	0.3128	6.0000e-005	6.3400e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0123	0.0123	3.0000e-005	0.0000	0.0131

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0229					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.2893					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	5.9000e-004	6.0000e-005	6.3400e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0123	0.0123	3.0000e-005	0.0000	0.0131
Total	**0.3128**	**6.0000e-005**	**6.3400e-003**	**0.0000**		**2.0000e-005**	**2.0000e-005**		**2.0000e-005**	**2.0000e-005**	**0.0000**	**0.0123**	**0.0123**	**3.0000e-005**	**0.0000**	**0.0131**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0229					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.2893					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	5.9000e-004	6.0000e-005	6.3400e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0123	0.0123	3.0000e-005	0.0000	0.0131
Total	**0.3128**	**6.0000e-005**	**6.3400e-003**	**0.0000**		**2.0000e-005**	**2.0000e-005**		**2.0000e-005**	**2.0000e-005**	**0.0000**	**0.0123**	**0.0123**	**3.0000e-005**	**0.0000**	**0.0131**

7.0 Water Detail

7.1 Mitigation Measures Water

Install Low Flow Bathroom Faucet

Install Low Flow Toilet

Use Water Efficient Irrigation System

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	26.0747	7.0000e-003	3.9900e-003	27.4397
Unmitigated	29.1667	7.9700e-003	4.5500e-003	30.7220

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Fast Food Restaurant with Drive Thru	1.09272 / 0.0697482	4.2885	1.4900e-003	8.7000e-004	4.5866
Health Club	2.1883 / 1.34121	12.0600	3.1400e-003	1.7800e-003	12.6695
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	2.32588 / 1.42554	12.8182	3.3300e-003	1.8900e-003	13.4660
Total		**29.1667**	**7.9600e-003**	**4.5400e-003**	**30.7220**

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Fast Food Restaurant with Drive Thru	0.957661 / 0.0654935	3.7711	1.3100e-003	7.7000e-004	4.0323
Health Club	1.91782 / 1.2594	10.8119	2.7600e-003	1.5600e-003	11.3470
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	2.0384 / 1.33858	11.4917	2.9300e-003	1.6600e-003	12.0604
Total		**26.0747**	**7.0000e-003**	**3.9900e-003**	**27.4397**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	28.9607	1.7115	0.0000	71.7490
Unmitigated	57.9214	3.4231	0.0000	143.4979

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Fast Food Restaurant with Drive Thru	41.47	8.4180	0.4975	0.0000	20.8553
Health Club	210.9	42.8108	2.5301	0.0000	106.0619
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	32.97	6.6926	0.3955	0.0000	16.5807
Total		**57.9214**	**3.4231**	**0.0000**	**143.4979**

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Fast Food Restaurant with Drive Thru	20.735	4.2090	0.2488	0.0000	10.4277
Health Club	105.45	21.4054	1.2650	0.0000	53.0310
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	16.485	3.3463	0.1978	0.0000	8.2903
Total		**28.9607**	**1.7115**	**0.0000**	**71.7490**

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Warm Springs Parkway Construction Mitigated HRA

Riverside-South Coast County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	1.20	Acre	1.20	52,272.00	0

1.2 Other Project Characteristics

Urbanization	Rural	**Wind Speed (m/s)**	2.4	**Precipitation Freq (Days)**	28
Climate Zone	10			**Operational Year**	2021
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	720.49	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Warm Springs Parkway construction only.

Land Use -

Construction Phase - Data provided by applicant.

Off-road Equipment - Data provided by applicant.

Off-road Equipment - Data provided by applicant.

Trips and VMT - Data provided by applicant. HRA onsite truck travel only 1,000 feet (0.19 miles)

Grading - Data provided by applicant.

Architectural Coating -

Construction Off-road Equipment Mitigation - Dust control measures. MM Tier 4 Final equipment > 75 hp

Warm Springs Parkway Construction Mitigated HRA - Riverside-South Coast County, Annual

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Parking	3136	6273
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	26
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	4.00	65.00
tblConstructionPhase	NumDays	10.00	22.00
tblGrading	AcresOfGrading	2.00	1.20
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	3.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00

tblOffRoadEquipment	UsageHours	7.00	6.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblTripsAndVMT	HaulingTripLength	20.00	0.19
tblTripsAndVMT	HaulingTripLength	20.00	0.19
tblTripsAndVMT	HaulingTripNumber	0.00	100.00
tblTripsAndVMT	HaulingTripNumber	0.00	250.00
tblTripsAndVMT	VendorTripLength	7.90	0.19
tblTripsAndVMT	VendorTripLength	7.90	0.19
tblTripsAndVMT	WorkerTripLength	19.80	0.00
tblTripsAndVMT	WorkerTripLength	19.80	0.00
tblTripsAndVMT	WorkerTripNumber	15.00	0.00
tblTripsAndVMT	WorkerTripNumber	15.00	0.00

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2020	0.0861	0.9343	0.5915	1.0900e-003	0.0127	0.0448	0.0575	6.7000e-003	0.0412	0.0479	0.0000	95.6218	95.6218	0.0308	0.0000	96.3916
Maximum	**0.0861**	**0.9343**	**0.5915**	**1.0900e-003**	**0.0127**	**0.0448**	**0.0575**	**6.7000e-003**	**0.0412**	**0.0479**	**0.0000**	**95.6218**	**95.6218**	**0.0308**	**0.0000**	**96.3916**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2020	0.0141	0.0685	0.6597	1.0900e-003	4.9700e-003	1.7600e-003	6.7200e-003	2.6200e-003	1.7500e-003	4.3700e-003	0.0000	95.6217	95.6217	0.0308	0.0000	96.3915
Maximum	**0.0141**	**0.0685**	**0.6597**	**1.0900e-003**	**4.9700e-003**	**1.7600e-003**	**6.7200e-003**	**2.6200e-003**	**1.7500e-003**	**4.3700e-003**	**0.0000**	**95.6217**	**95.6217**	**0.0308**	**0.0000**	**96.3915**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**83.67**	**92.67**	**-11.54**	**0.00**	**60.90**	**96.07**	**88.32**	**60.90**	**95.76**	**90.88**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

Warm Springs Parkway Construction Mitigated HRA - Riverside-South Coast County, Annual

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	8-1-2020	9-30-2020	0.0311	0.0023
		Highest	0.0311	0.0023

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	4.8300e-003	0.0000	2.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	3.0000e-005	3.0000e-005	0.0000	0.0000	3.0000e-005
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**4.8300e-003**	**0.0000**	**2.0000e-005**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**3.0000e-005**	**3.0000e-005**	**0.0000**	**0.0000**	**3.0000e-005**

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	4.8300e-003	0.0000	2.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	3.0000e-005	3.0000e-005	0.0000	0.0000	3.0000e-005
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**4.8300e-003**	**0.0000**	**2.0000e-005**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**3.0000e-005**	**3.0000e-005**	**0.0000**	**0.0000**	**3.0000e-005**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Grading	Grading	9/28/2020	12/25/2020	5	65	
2	Paving	Paving	12/1/2020	12/14/2020	5	22	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 1.2

Acres of Paving: 1.2

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Grading	Excavators	1	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	6.00	80	0.38

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Grading	6	0.00	0.00	100.00	0.00	0.19	0.19	LD_Mix	HDT_Mix	HHDT
Paving	6	0.00	0.00	250.00	0.00	0.19	0.19	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Use Soil Stabilizer

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

3.2 Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0127	0.0000	0.0127	6.6900e-003	0.0000	6.6900e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0789	0.8575	0.5217	9.6000e-004		0.0414	0.0414		0.0381	0.0381	0.0000	84.6909	84.6909	0.0274	0.0000	85.3757
Total	**0.0789**	**0.8575**	**0.5217**	**9.6000e-004**	**0.0127**	**0.0414**	**0.0541**	**6.6900e-003**	**0.0381**	**0.0448**	**0.0000**	**84.6909**	**84.6909**	**0.0274**	**0.0000**	**85.3757**

3.2 Grading - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.1000e-004	5.4200e-003	5.6000e-004	1.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.6989	0.6989	1.6000e-004	0.0000	0.7029
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.1000e-004**	**5.4200e-003**	**5.6000e-004**	**1.0000e-005**	**1.0000e-005**	**0.0000**	**1.0000e-005**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.6989**	**0.6989**	**1.6000e-004**	**0.0000**	**0.7029**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					4.9500e-003	0.0000	4.9500e-003	2.6100e-003	0.0000	2.6100e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0118	0.0511	0.5770	9.6000e-004		1.5700e-003	1.5700e-003		1.5700e-003	1.5700e-003	0.0000	84.6908	84.6908	0.0274	0.0000	85.3756
Total	**0.0118**	**0.0511**	**0.5770**	**9.6000e-004**	**4.9500e-003**	**1.5700e-003**	**6.5200e-003**	**2.6100e-003**	**1.5700e-003**	**4.1800e-003**	**0.0000**	**84.6908**	**84.6908**	**0.0274**	**0.0000**	**85.3756**

3.2 Grading - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.1000e-004	5.4200e-003	5.6000e-004	1.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.6989	0.6989	1.6000e-004	0.0000	0.7029
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.1000e-004**	**5.4200e-003**	**5.6000e-004**	**1.0000e-005**	**1.0000e-005**	**0.0000**	**1.0000e-005**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.6989**	**0.6989**	**1.6000e-004**	**0.0000**	**0.7029**

3.3 Paving - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	6.2600e-003	0.0651	0.0685	1.1000e-004		3.4300e-003	3.4300e-003		3.1600e-003	3.1600e-003	0.0000	9.4379	9.4379	3.0500e-003	0.0000	9.5142
Paving	7.1000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**6.9700e-003**	**0.0651**	**0.0685**	**1.1000e-004**		**3.4300e-003**	**3.4300e-003**		**3.1600e-003**	**3.1600e-003**	**0.0000**	**9.4379**	**9.4379**	**3.0500e-003**	**0.0000**	**9.5142**

3.3 Paving - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.2000e-004	6.1600e-003	6.4000e-004	1.0000e-005	2.0000e-005	0.0000	2.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.7942	0.7942	1.8000e-004	0.0000	0.7988
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.2000e-004**	**6.1600e-003**	**6.4000e-004**	**1.0000e-005**	**2.0000e-005**	**0.0000**	**2.0000e-005**	**1.0000e-005**	**0.0000**	**1.0000e-005**	**0.0000**	**0.7942**	**0.7942**	**1.8000e-004**	**0.0000**	**0.7988**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.3200e-003	5.7300e-003	0.0815	1.1000e-004		1.8000e-004	1.8000e-004		1.8000e-004	1.8000e-004	0.0000	9.4379	9.4379	3.0500e-003	0.0000	9.5142
Paving	7.1000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**2.0300e-003**	**5.7300e-003**	**0.0815**	**1.1000e-004**		**1.8000e-004**	**1.8000e-004**		**1.8000e-004**	**1.8000e-004**	**0.0000**	**9.4379**	**9.4379**	**3.0500e-003**	**0.0000**	**9.5142**

3.3 Paving - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.2000e-004	6.1600e-003	6.4000e-004	1.0000e-005	1.0000e-005	0.0000	2.0000e-005	0.0000	0.0000	1.0000e-005	0.0000	0.7942	0.7942	1.8000e-004	0.0000	0.7988
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.2000e-004**	**6.1600e-003**	**6.4000e-004**	**1.0000e-005**	**1.0000e-005**	**0.0000**	**2.0000e-005**	**0.0000**	**0.0000**	**1.0000e-005**	**0.0000**	**0.7942**	**0.7942**	**1.8000e-004**	**0.0000**	**0.7988**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Other Asphalt Surfaces	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Other Asphalt Surfaces	18.50	10.10	7.90	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Asphalt Surfaces	0.542116	0.037578	0.185203	0.118503	0.016241	0.005141	0.017392	0.068695	0.001383	0.001183	0.004582	0.000945	0.001038

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Mitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Unmitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	4.8300e-003	0.0000	2.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	3.0000e-005	3.0000e-005	0.0000	0.0000	3.0000e-005
Unmitigated	4.8300e-003	0.0000	2.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	3.0000e-005	3.0000e-005	0.0000	0.0000	3.0000e-005

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	1.4500e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	3.3800e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0000	0.0000	2.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	3.0000e-005	3.0000e-005	0.0000	0.0000	3.0000e-005
Total	**4.8300e-003**	**0.0000**	**2.0000e-005**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**3.0000e-005**	**3.0000e-005**	**0.0000**	**0.0000**	**3.0000e-005**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	1.4500e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	3.3800e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0000	0.0000	2.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	3.0000e-005	3.0000e-005	0.0000	0.0000	3.0000e-005
Total	**4.8300e-003**	**0.0000**	**2.0000e-005**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**3.0000e-005**	**3.0000e-005**	**0.0000**	**0.0000**	**3.0000e-005**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Warm Springs Parkway Construction Unmitigated

Riverside-South Coast County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	1.20	Acre	1.20	52,272.00	0

1.2 Other Project Characteristics

Urbanization	Rural	**Wind Speed (m/s)**	2.4	**Precipitation Freq (Days)**	28
Climate Zone	10			**Operational Year**	2021
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	720.49	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Warm Springs Parkway construction only.

Land Use -

Construction Phase - Data provided by applicant.

Off-road Equipment - Data provided by applicant.

Off-road Equipment - Data provided by applicant.

Trips and VMT - Data provided by applicant. Assume on-site trip distance 1,000 ft (0.19 miles) for HRA.

Grading - Data provided by applicant.

Architectural Coating -

Construction Off-road Equipment Mitigation - Dust control measures

Warm Springs Parkway Construction Unmitigated - Riverside-South Coast County, Annual

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Parking	3136	6273
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	26
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	4.00	65.00
tblConstructionPhase	NumDays	10.00	22.00
tblGrading	AcresOfGrading	32.50	1.20
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	3.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	7.00	6.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblTripsAndVMT	HaulingTripLength	20.00	0.19
tblTripsAndVMT	HaulingTripLength	20.00	0.19
tblTripsAndVMT	HaulingTripNumber	0.00	100.00
tblTripsAndVMT	HaulingTripNumber	0.00	250.00
tblTripsAndVMT	VendorTripLength	7.90	0.19
tblTripsAndVMT	VendorTripLength	7.90	0.19
tblTripsAndVMT	WorkerTripLength	19.80	0.00
tblTripsAndVMT	WorkerTripLength	19.80	0.00
tblTripsAndVMT	WorkerTripNumber	15.00	0.00
tblTripsAndVMT	WorkerTripNumber	15.00	0.00

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2020	0.0947	1.0198	0.6745	1.2300e-003	0.1964	0.0490	0.2453	0.1077	0.0450	0.1527	0.0000	107.9003	107.9003	0.0347	0.0000	108.7672
Maximum	**0.0947**	**1.0198**	**0.6745**	**1.2300e-003**	**0.1964**	**0.0490**	**0.2453**	**0.1077**	**0.0450**	**0.1527**	**0.0000**	**107.9003**	**107.9003**	**0.0347**	**0.0000**	**108.7672**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2020	0.0947	1.0198	0.6745	1.2300e-003	0.0766	0.0490	0.1256	0.0420	0.0450	0.0870	0.0000	107.9002	107.9002	0.0347	0.0000	108.7670
Maximum	**0.0947**	**1.0198**	**0.6745**	**1.2300e-003**	**0.0766**	**0.0490**	**0.1256**	**0.0420**	**0.0450**	**0.0870**	**0.0000**	**107.9002**	**107.9002**	**0.0347**	**0.0000**	**108.7670**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**61.00**	**0.00**	**48.82**	**61.00**	**0.00**	**43.01**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	**8-1-2020**	**9-30-2020**	0.0311	0.0311
		Highest	0.0311	0.0311

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	4.8300e-003	0.0000	2.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	3.0000e-005	3.0000e-005	0.0000	0.0000	3.0000e-005
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**4.8300e-003**	**0.0000**	**2.0000e-005**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**3.0000e-005**	**3.0000e-005**	**0.0000**	**0.0000**	**3.0000e-005**

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	4.8300e-003	0.0000	2.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	3.0000e-005	3.0000e-005	0.0000	0.0000	3.0000e-005
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**4.8300e-003**	**0.0000**	**2.0000e-005**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**3.0000e-005**	**3.0000e-005**	**0.0000**	**0.0000**	**3.0000e-005**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Grading	Grading	9/28/2020	12/25/2020	5	65	
2	Paving	Paving	12/1/2020	12/30/2020	5	22	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 1.2

Acres of Paving: 1.2

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Grading	Excavators	1	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	6.00	80	0.38

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Grading	6	0.00	0.00	100.00	0.00	0.19	0.19	LD_Mix	HDT_Mix	HHDT
Paving	6	0.00	0.00	250.00	0.00	0.19	0.19	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Soil Stabilizer

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

3.2 Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1964	0.0000	0.1964	0.1077	0.0000	0.1077	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0789	0.8575	0.5217	9.6000e-004		0.0414	0.0414		0.0381	0.0381	0.0000	84.6909	84.6909	0.0274	0.0000	85.3757
Total	**0.0789**	**0.8575**	**0.5217**	**9.6000e-004**	**0.1964**	**0.0414**	**0.2377**	**0.1077**	**0.0381**	**0.1457**	**0.0000**	**84.6909**	**84.6909**	**0.0274**	**0.0000**	**85.3757**

3.2 Grading - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.1000e-004	5.4200e-003	5.6000e-004	1.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.6989	0.6989	1.6000e-004	0.0000	0.7029
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.1000e-004**	**5.4200e-003**	**5.6000e-004**	**1.0000e-005**	**1.0000e-005**	**0.0000**	**1.0000e-005**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.6989**	**0.6989**	**1.6000e-004**	**0.0000**	**0.7029**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0766	0.0000	0.0766	0.0420	0.0000	0.0420	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0789	0.8575	0.5217	9.6000e-004		0.0414	0.0414		0.0381	0.0381	0.0000	84.6908	84.6908	0.0274	0.0000	85.3756
Total	**0.0789**	**0.8575**	**0.5217**	**9.6000e-004**	**0.0766**	**0.0414**	**0.1180**	**0.0420**	**0.0381**	**0.0801**	**0.0000**	**84.6908**	**84.6908**	**0.0274**	**0.0000**	**85.3756**

3.2 Grading - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.1000e-004	5.4200e-003	5.6000e-004	1.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.6989	0.6989	1.6000e-004	0.0000	0.7029
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.1000e-004**	**5.4200e-003**	**5.6000e-004**	**1.0000e-005**	**1.0000e-005**	**0.0000**	**1.0000e-005**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.6989**	**0.6989**	**1.6000e-004**	**0.0000**	**0.7029**

3.3 Paving - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0138	0.1433	0.1508	2.4000e-004		7.5500e-003	7.5500e-003		6.9500e-003	6.9500e-003	0.0000	20.7634	20.7634	6.7200e-003	0.0000	20.9313
Paving	1.5700e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0154**	**0.1433**	**0.1508**	**2.4000e-004**		**7.5500e-003**	**7.5500e-003**		**6.9500e-003**	**6.9500e-003**	**0.0000**	**20.7634**	**20.7634**	**6.7200e-003**	**0.0000**	**20.9313**

3.3 Paving - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.7000e-004	0.0136	1.4100e-003	2.0000e-005	2.0000e-005	1.0000e-005	3.0000e-005	1.0000e-005	1.0000e-005	1.0000e-005	0.0000	1.7471	1.7471	4.1000e-004	0.0000	1.7573
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**2.7000e-004**	**0.0136**	**1.4100e-003**	**2.0000e-005**	**2.0000e-005**	**1.0000e-005**	**3.0000e-005**	**1.0000e-005**	**1.0000e-005**	**1.0000e-005**	**0.0000**	**1.7471**	**1.7471**	**4.1000e-004**	**0.0000**	**1.7573**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0138	0.1433	0.1508	2.4000e-004		7.5500e-003	7.5500e-003		6.9500e-003	6.9500e-003	0.0000	20.7634	20.7634	6.7200e-003	0.0000	20.9312
Paving	1.5700e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0154**	**0.1433**	**0.1508**	**2.4000e-004**		**7.5500e-003**	**7.5500e-003**		**6.9500e-003**	**6.9500e-003**	**0.0000**	**20.7634**	**20.7634**	**6.7200e-003**	**0.0000**	**20.9312**

3.3 Paving - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.7000e-004	0.0136	1.4100e-003	2.0000e-005	2.0000e-005	1.0000e-005	3.0000e-005	1.0000e-005	1.0000e-005	1.0000e-005	0.0000	1.7471	1.7471	4.1000e-004	0.0000	1.7573
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**2.7000e-004**	**0.0136**	**1.4100e-003**	**2.0000e-005**	**2.0000e-005**	**1.0000e-005**	**3.0000e-005**	**1.0000e-005**	**1.0000e-005**	**1.0000e-005**	**0.0000**	**1.7471**	**1.7471**	**4.1000e-004**	**0.0000**	**1.7573**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Other Asphalt Surfaces	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Other Asphalt Surfaces	18.50	10.10	7.90	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Asphalt Surfaces	0.542116	0.037578	0.185203	0.118503	0.016241	0.005141	0.017392	0.068695	0.001383	0.001183	0.004582	0.000945	0.001038

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Mitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Unmitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	4.8300e-003	0.0000	2.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	3.0000e-005	3.0000e-005	0.0000	0.0000	3.0000e-005
Unmitigated	4.8300e-003	0.0000	2.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	3.0000e-005	3.0000e-005	0.0000	0.0000	3.0000e-005

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	1.4500e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	3.3800e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0000	0.0000	2.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	3.0000e-005	3.0000e-005	0.0000	0.0000	3.0000e-005
Total	**4.8300e-003**	**0.0000**	**2.0000e-005**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**3.0000e-005**	**3.0000e-005**	**0.0000**	**0.0000**	**3.0000e-005**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	1.4500e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	3.3800e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0000	0.0000	2.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	3.0000e-005	3.0000e-005	0.0000	0.0000	3.0000e-005
Total	**4.8300e-003**	**0.0000**	**2.0000e-005**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**3.0000e-005**	**3.0000e-005**	**0.0000**	**0.0000**	**3.0000e-005**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Appendix B

AERMOD Input and HARP2 Output Files

*HARP - HRACalc v19044 3/16/2020 10:13:36 AM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\ConstMitV2\hra\ConstMi3rd_1.08yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_E	EGG_RISK
1	ALL		483500	3716600	6.30E-08	1.08YrCan	6.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2	ALL		483600	3716600	6.65E-08	1.08YrCan	6.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3	ALL		483700	3716600	7.02E-08	1.08YrCan	7.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4	ALL		483800	3716600	7.36E-08	1.08YrCan	7.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5	ALL		483900	3716600	7.69E-08	1.08YrCan	7.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6	ALL		484000	3716600	7.96E-08	1.08YrCan	7.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7	ALL		485000	3716600	7.42E-08	1.08YrCan	7.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8	ALL		485100	3716600	7.43E-08	1.08YrCan	7.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9	ALL		483500	3716700	6.80E-08	1.08YrCan	6.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10	ALL		483600	3716700	7.29E-08	1.08YrCan	7.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11	ALL		483700	3716700	7.74E-08	1.08YrCan	7.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12	ALL		483800	3716700	8.21E-08	1.08YrCan	8.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
13	ALL		483900	3716700	8.59E-08	1.08YrCan	8.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
14	ALL		484000	3716700	8.94E-08	1.08YrCan	8.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
15	ALL		485200	3716700	7.50E-08	1.08YrCan	7.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
16	ALL		485400	3716700	6.77E-08	1.08YrCan	6.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
17	ALL		485700	3716700	5.66E-08	1.08YrCan	5.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
18	ALL		483100	3716800	5.74E-08	1.08YrCan	5.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
19	ALL		483200	3716800	6.05E-08	1.08YrCan	6.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
20	ALL		483500	3716800	7.45E-08	1.08YrCan	7.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
21	ALL		483600	3716800	8.04E-08	1.08YrCan	8.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
22	ALL		483700	3716800	8.73E-08	1.08YrCan	8.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
23	ALL		483800	3716800	9.27E-08	1.08YrCan	9.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
24	ALL		483900	3716800	9.73E-08	1.08YrCan	9.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
25	ALL		484000	3716800	1.02E-07	1.08YrCan	1.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
26	ALL		483100	3716900	6.09E-08	1.08YrCan	6.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
27	ALL		483200	3716900	6.49E-08	1.08YrCan	6.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
28	ALL		485600	3716900	6.51E-08	1.08YrCan	6.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
29	ALL		483200	3717000	6.92E-08	1.08YrCan	6.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
30	ALL		483300	3717000	7.53E-08	1.08YrCan	7.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
31	ALL		485400	3717100	8.33E-08	1.08YrCan	8.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
32	ALL		485500	3717100	7.57E-08	1.08YrCan	7.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
33	ALL		485600	3717100	6.88E-08	1.08YrCan	6.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
34	ALL		485700	3717100	6.33E-08	1.08YrCan	6.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
35	ALL		483100	3717200	7.11E-08	1.08YrCan	7.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
36	ALL		483200	3717300	8.20E-08	1.08YrCan	8.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
37	ALL		483300	3717300	9.21E-08	1.08YrCan	9.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
38	ALL		483400	3717300	1.04E-07	1.08YrCan	1.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
39	ALL		483500	3717300	1.18E-07	1.08YrCan	1.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
40	ALL		483800	3717300	1.88E-07	1.08YrCan	1.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
41	ALL		483900	3717300	2.24E-07	1.08YrCan	2.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
42	ALL		484000	3717300	2.64E-07	1.08YrCan	2.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
43	ALL		484600	3717300	2.75E-07	1.08YrCan	2.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
44	ALL		484700	3717300	2.40E-07	1.08YrCan	2.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
45	ALL		483100	3717400	7.65E-08	1.08YrCan	7.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/16/2020 10:13:36 AM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\ConstMitV2\hra\ConstMi3rd_1.08yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_E	EGG_RISK
46	ALL		483200	3717400	8.57E-08	1.08YrCan	8.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
47	ALL		483300	3717400	9.69E-08	1.08YrCan	9.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
48	ALL		483400	3717400	1.11E-07	1.08YrCan	1.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
49	ALL		483500	3717400	1.29E-07	1.08YrCan	1.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
50	ALL		483800	3717400	2.27E-07	1.08YrCan	2.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
51	ALL		483900	3717400	2.87E-07	1.08YrCan	2.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
52	ALL		484000	3717400	3.54E-07	1.08YrCan	3.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
53	ALL		484600	3717400	3.59E-07	1.08YrCan	3.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
54	ALL		484700	3717400	3.01E-07	1.08YrCan	3.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
55	ALL		484800	3717400	2.48E-07	1.08YrCan	2.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
56	ALL		483100	3717500	7.92E-08	1.08YrCan	7.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
57	ALL		483300	3717500	1.02E-07	1.08YrCan	1.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
58	ALL		483400	3717500	1.18E-07	1.08YrCan	1.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
59	ALL		483500	3717500	1.40E-07	1.08YrCan	1.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
60	ALL		483600	3717500	1.69E-07	1.08YrCan	1.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
61	ALL		484000	3717500	5.13E-07	1.08YrCan	5.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
62	ALL		484600	3717500	4.82E-07	1.08YrCan	4.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
63	ALL		484700	3717500	3.78E-07	1.08YrCan	3.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
64	ALL		483600	3717600	1.86E-07	1.08YrCan	1.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
65	ALL		484600	3717600	6.64E-07	1.08YrCan	6.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
66	ALL		484700	3717600	4.68E-07	1.08YrCan	4.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
67	ALL		484800	3717600	3.36E-07	1.08YrCan	3.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
68	ALL		484600	3717700	9.35E-07	1.08YrCan	9.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
69	ALL		484700	3717700	5.65E-07	1.08YrCan	5.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
70	ALL		484800	3717700	3.77E-07	1.08YrCan	3.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
71	ALL		483400	3717800	1.32E-07	1.08YrCan	1.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
72	ALL		483500	3717800	1.62E-07	1.08YrCan	1.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
73	ALL		483600	3717800	2.07E-07	1.08YrCan	2.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
74	ALL		484600	3717800	1.29E-06	1.08YrCan	1.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
75	ALL		484700	3717800	6.49E-07	1.08YrCan	6.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
76	ALL		485300	3717800	1.14E-07	1.08YrCan	1.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
77	ALL		483300	3717900	1.12E-07	1.08YrCan	1.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
78	ALL		483400	3717900	1.33E-07	1.08YrCan	1.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
79	ALL		483500	3717900	1.63E-07	1.08YrCan	1.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
80	ALL		484600	3717900	1.45E-06	1.08YrCan	1.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
81	ALL		484700	3717900	6.96E-07	1.08YrCan	6.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
82	ALL		484800	3717900	4.24E-07	1.08YrCan	4.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
83	ALL		485100	3717900	1.70E-07	1.08YrCan	1.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
84	ALL		483300	3718000	1.11E-07	1.08YrCan	1.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
85	ALL		483400	3718000	1.31E-07	1.08YrCan	1.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
86	ALL		483500	3718000	1.60E-07	1.08YrCan	1.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
87	ALL		483600	3718000	2.02E-07	1.08YrCan	2.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
88	ALL		484600	3718000	1.26E-06	1.08YrCan	1.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
89	ALL		484700	3718000	6.82E-07	1.08YrCan	6.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
90	ALL		484800	3718000	4.29E-07	1.08YrCan	4.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/16/2020 10:13:36 AM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\ConstMitV2\hra\ConstMi3rd_1.08yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_E	EGG_RISK
91	ALL		483100	3718100	8.29E-08	1.08YrCan	8.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
92	ALL		483400	3718100	1.27E-07	1.08YrCan	1.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
93	ALL		483600	3718100	1.92E-07	1.08YrCan	1.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
94	ALL		484600	3718100	9.31E-07	1.08YrCan	9.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
95	ALL		483900	3718200	4.05E-07	1.08YrCan	4.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
96	ALL		484500	3718200	8.07E-07	1.08YrCan	8.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
97	ALL		484600	3718200	6.50E-07	1.08YrCan	6.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
98	ALL		484700	3718200	4.94E-07	1.08YrCan	4.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
99	ALL		485400	3718200	1.03E-07	1.08YrCan	1.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
100	ALL		485600	3718200	7.93E-08	1.08YrCan	7.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
101	ALL		483100	3718300	6.72E-08	1.08YrCan	6.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
102	ALL		483900	3718300	3.25E-07	1.08YrCan	3.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
103	ALL		484000	3718300	4.05E-07	1.08YrCan	4.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
104	ALL		484200	3718300	5.38E-07	1.08YrCan	5.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
105	ALL		485300	3718300	1.20E-07	1.08YrCan	1.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
106	ALL		485600	3718300	8.10E-08	1.08YrCan	8.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
107	ALL		483400	3718400	1.06E-07	1.08YrCan	1.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
108	ALL		485200	3718400	1.37E-07	1.08YrCan	1.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
109	ALL		485200	3718500	1.30E-07	1.08YrCan	1.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
110	ALL		484600	3718600	1.97E-07	1.08YrCan	1.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
111	ALL		484800	3718600	1.78E-07	1.08YrCan	1.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
112	ALL		485200	3718600	1.22E-07	1.08YrCan	1.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
113	ALL		483700	3718700	1.25E-07	1.08YrCan	1.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
114	ALL		483100	3718800	6.16E-08	1.08YrCan	6.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
115	ALL		484000	3718800	1.28E-07	1.08YrCan	1.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
116	ALL		484200	3718800	1.37E-07	1.08YrCan	1.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
117	ALL		485400	3718800	8.84E-08	1.08YrCan	8.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
118	ALL		483100	3718900	6.05E-08	1.08YrCan	6.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
119	ALL		483200	3718900	6.42E-08	1.08YrCan	6.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
120	ALL		483100	3719000	5.81E-08	1.08YrCan	5.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
121	ALL		483200	3719000	6.26E-08	1.08YrCan	6.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
122	ALL		483300	3719000	6.60E-08	1.08YrCan	6.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
123	ALL		483400	3719000	6.96E-08	1.08YrCan	6.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
124	ALL		483500	3719000	7.36E-08	1.08YrCan	7.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
125	ALL		483100	3719100	5.53E-08	1.08YrCan	5.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
126	ALL		483200	3719100	5.92E-08	1.08YrCan	5.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
127	ALL		483300	3719100	6.29E-08	1.08YrCan	6.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
128	ALL		483400	3719100	6.61E-08	1.08YrCan	6.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
129	ALL		483500	3719100	6.88E-08	1.08YrCan	6.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
130	ALL		483700	3719100	6.96E-08	1.08YrCan	6.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
131	ALL		484900	3719100	8.44E-08	1.08YrCan	8.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
132	ALL		485000	3719100	8.26E-08	1.08YrCan	8.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
133	ALL		485100	3719100	8.02E-08	1.08YrCan	8.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
134	ALL		485200	3719100	7.78E-08	1.08YrCan	7.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
135	ALL		485300	3719100	7.51E-08	1.08YrCan	7.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

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REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_E	EGG_RISK
136	ALL		485400	3719100	7.16E-08	1.08YrCan	7.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
137	ALL		485500	3719100	6.84E-08	1.08YrCan	6.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
138	ALL		485600	3719100	6.51E-08	1.08YrCan	6.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
139	ALL		485700	3719100	6.20E-08	1.08YrCan	6.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
140	ALL		484200	3719200	8.03E-08	1.08YrCan	8.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
141	ALL		484500	3719200	7.99E-08	1.08YrCan	7.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
142	ALL		484800	3719200	7.76E-08	1.08YrCan	7.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
143	ALL		484900	3719200	7.63E-08	1.08YrCan	7.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
144	ALL		485000	3719200	7.49E-08	1.08YrCan	7.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
145	ALL		485100	3719200	7.30E-08	1.08YrCan	7.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
146	ALL		485200	3719200	7.16E-08	1.08YrCan	7.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
147	ALL		485300	3719200	6.93E-08	1.08YrCan	6.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
148	ALL		485400	3719200	6.67E-08	1.08YrCan	6.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
149	ALL		485500	3719200	6.42E-08	1.08YrCan	6.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
150	ALL		485600	3719200	6.19E-08	1.08YrCan	6.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
151	ALL		485700	3719200	5.93E-08	1.08YrCan	5.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
152	ALL		484525	3717600	8.58E-07	1.08YrCan	8.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
153	ALL		484550	3717600	7.90E-07	1.08YrCan	7.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
154	ALL		484575	3717600	7.25E-07	1.08YrCan	7.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
155	ALL		484600	3717600	6.64E-07	1.08YrCan	6.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
156	ALL		484625	3717600	6.08E-07	1.08YrCan	6.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
157	ALL		484650	3717600	5.57E-07	1.08YrCan	5.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
158	ALL		484675	3717600	5.10E-07	1.08YrCan	5.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
159	ALL		484700	3717600	4.68E-07	1.08YrCan	4.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
160	ALL		484725	3717600	4.30E-07	1.08YrCan	4.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
161	ALL		484750	3717600	3.95E-07	1.08YrCan	3.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
162	ALL		484775	3717600	3.64E-07	1.08YrCan	3.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
163	ALL		484800	3717600	3.36E-07	1.08YrCan	3.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
164	ALL		484825	3717600	3.10E-07	1.08YrCan	3.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
165	ALL		484850	3717600	2.87E-07	1.08YrCan	2.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
166	ALL		484875	3717600	2.67E-07	1.08YrCan	2.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
167	ALL		484525	3717625	9.63E-07	1.08YrCan	9.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
168	ALL		484550	3717625	8.76E-07	1.08YrCan	8.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
169	ALL		484575	3717625	7.96E-07	1.08YrCan	7.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
170	ALL		484600	3717625	7.22E-07	1.08YrCan	7.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
171	ALL		484625	3717625	6.55E-07	1.08YrCan	6.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
172	ALL		484650	3717625	5.94E-07	1.08YrCan	5.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
173	ALL		484675	3717625	5.40E-07	1.08YrCan	5.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
174	ALL		484700	3717625	4.92E-07	1.08YrCan	4.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
175	ALL		484725	3717625	4.49E-07	1.08YrCan	4.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
176	ALL		484750	3717625	4.10E-07	1.08YrCan	4.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
177	ALL		484775	3717625	3.76E-07	1.08YrCan	3.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
178	ALL		484800	3717625	3.46E-07	1.08YrCan	3.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
179	ALL		484825	3717625	3.19E-07	1.08YrCan	3.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
180	ALL		484850	3717625	2.95E-07	1.08YrCan	2.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/16/2020 10:13:36 AM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\ConstMitV2\hra\ConstMi3rd_1.08yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_E	EGG_RISK
181	ALL		484875	3717625	2.74E-07	1.08YrCan	2.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
182	ALL		484525	3717650	1.09E-06	1.08YrCan	1.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
183	ALL		484550	3717650	9.79E-07	1.08YrCan	9.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
184	ALL		484575	3717650	8.78E-07	1.08YrCan	8.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
185	ALL		484600	3717650	7.87E-07	1.08YrCan	7.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
186	ALL		484625	3717650	7.05E-07	1.08YrCan	7.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
187	ALL		484650	3717650	6.34E-07	1.08YrCan	6.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
188	ALL		484675	3717650	5.71E-07	1.08YrCan	5.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
189	ALL		484700	3717650	5.17E-07	1.08YrCan	5.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
190	ALL		484725	3717650	4.69E-07	1.08YrCan	4.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
191	ALL		484750	3717650	4.26E-07	1.08YrCan	4.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
192	ALL		484775	3717650	3.89E-07	1.08YrCan	3.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
193	ALL		484800	3717650	3.57E-07	1.08YrCan	3.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
194	ALL		484825	3717650	3.28E-07	1.08YrCan	3.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
195	ALL		484850	3717650	3.02E-07	1.08YrCan	3.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
196	ALL		484875	3717650	2.80E-07	1.08YrCan	2.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
197	ALL		484525	3717675	1.24E-06	1.08YrCan	1.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
198	ALL		484550	3717675	1.10E-06	1.08YrCan	1.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
199	ALL		484575	3717675	9.71E-07	1.08YrCan	9.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
200	ALL		484600	3717675	8.58E-07	1.08YrCan	8.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
201	ALL		484625	3717675	7.59E-07	1.08YrCan	7.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
202	ALL		484650	3717675	6.75E-07	1.08YrCan	6.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
203	ALL		484675	3717675	6.03E-07	1.08YrCan	6.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
204	ALL		484700	3717675	5.41E-07	1.08YrCan	5.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
205	ALL		484725	3717675	4.88E-07	1.08YrCan	4.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
206	ALL		484750	3717675	4.42E-07	1.08YrCan	4.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
207	ALL		484775	3717675	4.02E-07	1.08YrCan	4.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
208	ALL		484800	3717675	3.69E-07	1.08YrCan	3.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
209	ALL		484825	3717675	3.38E-07	1.08YrCan	3.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
210	ALL		484850	3717675	3.09E-07	1.08YrCan	3.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
211	ALL		484875	3717675	2.85E-07	1.08YrCan	2.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
212	ALL		484525	3717700	1.45E-06	1.08YrCan	1.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
213	ALL		484550	3717700	1.25E-06	1.08YrCan	1.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
214	ALL		484575	3717700	1.08E-06	1.08YrCan	1.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
215	ALL		484600	3717700	9.35E-07	1.08YrCan	9.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
216	ALL		484625	3717700	8.16E-07	1.08YrCan	8.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
217	ALL		484650	3717700	7.17E-07	1.08YrCan	7.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
218	ALL		484675	3717700	6.34E-07	1.08YrCan	6.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
219	ALL		484700	3717700	5.65E-07	1.08YrCan	5.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
220	ALL		484725	3717700	5.06E-07	1.08YrCan	5.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
221	ALL		484750	3717700	4.56E-07	1.08YrCan	4.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
222	ALL		484775	3717700	4.14E-07	1.08YrCan	4.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
223	ALL		484800	3717700	3.77E-07	1.08YrCan	3.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
224	ALL		484825	3717700	3.45E-07	1.08YrCan	3.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
225	ALL		484850	3717700	3.16E-07	1.08YrCan	3.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/16/2020 10:13:36 AM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\ConstMitV2\hra\ConstMi3rd_1.08yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_I	EGG_RISK
226	ALL		484875	3717700	2.90E-07	1.08YrCan	2.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
227	ALL		484525	3717725	1.71E-06	1.08YrCan	1.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
228	ALL		484550	3717725	1.43E-06	1.08YrCan	1.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
229	ALL		484575	3717725	1.20E-06	1.08YrCan	1.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
230	ALL		484600	3717725	1.02E-06	1.08YrCan	1.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
231	ALL		484625	3717725	8.75E-07	1.08YrCan	8.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
232	ALL		484650	3717725	7.59E-07	1.08YrCan	7.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
233	ALL		484675	3717725	6.65E-07	1.08YrCan	6.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
234	ALL		484700	3717725	5.87E-07	1.08YrCan	5.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
235	ALL		484725	3717725	5.23E-07	1.08YrCan	5.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
236	ALL		484750	3717725	4.69E-07	1.08YrCan	4.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
237	ALL		484775	3717725	4.23E-07	1.08YrCan	4.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
238	ALL		484800	3717725	3.84E-07	1.08YrCan	3.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
239	ALL		484825	3717725	3.50E-07	1.08YrCan	3.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
240	ALL		484850	3717725	3.21E-07	1.08YrCan	3.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
241	ALL		484875	3717725	2.95E-07	1.08YrCan	2.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
242	ALL		484525	3717750	2.10E-06	1.08YrCan	2.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
243	ALL		484550	3717750	1.66E-06	1.08YrCan	1.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
244	ALL		484575	3717750	1.34E-06	1.08YrCan	1.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
245	ALL		484600	3717750	1.11E-06	1.08YrCan	1.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
246	ALL		484625	3717750	9.37E-07	1.08YrCan	9.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
247	ALL		484650	3717750	8.02E-07	1.08YrCan	8.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
248	ALL		484675	3717750	6.95E-07	1.08YrCan	6.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
249	ALL		484700	3717750	6.08E-07	1.08YrCan	6.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
250	ALL		484725	3717750	5.38E-07	1.08YrCan	5.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
251	ALL		484750	3717750	4.81E-07	1.08YrCan	4.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
252	ALL		484775	3717750	4.32E-07	1.08YrCan	4.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
253	ALL		484800	3717750	3.90E-07	1.08YrCan	3.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
254	ALL		484825	3717750	3.55E-07	1.08YrCan	3.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
255	ALL		484850	3717750	3.24E-07	1.08YrCan	3.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
256	ALL		484875	3717750	2.98E-07	1.08YrCan	2.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
257	ALL		484525	3717775	2.70E-06	1.08YrCan	2.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
258	ALL		484550	3717775	1.93E-06	1.08YrCan	1.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
259	ALL		484575	3717775	1.50E-06	1.08YrCan	1.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
260	ALL		484600	3717775	1.20E-06	1.08YrCan	1.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
261	ALL		484625	3717775	9.97E-07	1.08YrCan	9.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
262	ALL		484650	3717775	8.42E-07	1.08YrCan	8.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
263	ALL		484675	3717775	7.23E-07	1.08YrCan	7.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
264	ALL		484700	3717775	6.29E-07	1.08YrCan	6.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
265	ALL		484725	3717775	5.54E-07	1.08YrCan	5.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
266	ALL		484750	3717775	4.92E-07	1.08YrCan	4.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
267	ALL		484775	3717775	4.41E-07	1.08YrCan	4.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
268	ALL		484800	3717775	3.97E-07	1.08YrCan	3.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
269	ALL		484825	3717775	3.59E-07	1.08YrCan	3.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
270	ALL		484850	3717775	3.28E-07	1.08YrCan	3.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/16/2020 10:13:36 AM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\ConstMitV2\hra\ConstMi3rd_1.08yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_I	EGG_RISK
271	ALL		484875	3717775	3.01E-07	1.08YrCan	3.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
272	ALL		484525	3717800	3.42E-06	1.08YrCan	3.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
273	ALL		484550	3717800	2.22E-06	1.08YrCan	2.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
274	ALL		484575	3717800	1.65E-06	1.08YrCan	1.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
275	ALL		484600	3717800	1.29E-06	1.08YrCan	1.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
276	ALL		484625	3717800	1.05E-06	1.08YrCan	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
277	ALL		484650	3717800	8.79E-07	1.08YrCan	8.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
278	ALL		484675	3717800	7.49E-07	1.08YrCan	7.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
279	ALL		484700	3717800	6.49E-07	1.08YrCan	6.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
280	ALL		484725	3717800	5.68E-07	1.08YrCan	5.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
281	ALL		484750	3717800	5.03E-07	1.08YrCan	5.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
282	ALL		484775	3717800	4.49E-07	1.08YrCan	4.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
283	ALL		484800	3717800	4.04E-07	1.08YrCan	4.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
284	ALL		484825	3717800	3.65E-07	1.08YrCan	3.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
285	ALL		484850	3717800	3.32E-07	1.08YrCan	3.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
286	ALL		484875	3717800	3.05E-07	1.08YrCan	3.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
287	ALL		484525	3717825	3.78E-06	1.08YrCan	3.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
288	ALL		484550	3717825	2.43E-06	1.08YrCan	2.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
289	ALL		484575	3717825	1.76E-06	1.08YrCan	1.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
290	ALL		484600	3717825	1.37E-06	1.08YrCan	1.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
291	ALL		484625	3717825	1.10E-06	1.08YrCan	1.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
292	ALL		484650	3717825	9.11E-07	1.08YrCan	9.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
293	ALL		484675	3717825	7.72E-07	1.08YrCan	7.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
294	ALL		484700	3717825	6.65E-07	1.08YrCan	6.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
295	ALL		484725	3717825	5.81E-07	1.08YrCan	5.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
296	ALL		484750	3717825	5.13E-07	1.08YrCan	5.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
297	ALL		484775	3717825	4.57E-07	1.08YrCan	4.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
298	ALL		484800	3717825	4.10E-07	1.08YrCan	4.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
299	ALL		484825	3717825	3.70E-07	1.08YrCan	3.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
300	ALL		484850	3717825	3.37E-07	1.08YrCan	3.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
301	ALL		484875	3717825	3.08E-07	1.08YrCan	3.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
302	ALL		484525	3717850	3.96E-06	1.08YrCan	3.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
303	ALL		484550	3717850	2.55E-06	1.08YrCan	2.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
304	ALL		484575	3717850	1.84E-06	1.08YrCan	1.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
305	ALL		484600	3717850	1.42E-06	1.08YrCan	1.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
306	ALL		484625	3717850	1.14E-06	1.08YrCan	1.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
307	ALL		484650	3717850	9.36E-07	1.08YrCan	9.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
308	ALL		484675	3717850	7.90E-07	1.08YrCan	7.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
309	ALL		484700	3717850	6.79E-07	1.08YrCan	6.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
310	ALL		484725	3717850	5.92E-07	1.08YrCan	5.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
311	ALL		484750	3717850	5.21E-07	1.08YrCan	5.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
312	ALL		484775	3717850	4.63E-07	1.08YrCan	4.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
313	ALL		484800	3717850	4.16E-07	1.08YrCan	4.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
314	ALL		484825	3717850	3.75E-07	1.08YrCan	3.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
315	ALL		484850	3717850	3.41E-07	1.08YrCan	3.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/16/2020 10:13:36 AM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\ConstMitV2\hra\ConstMi3rd_1.08yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_E	EGG_RISK
316	ALL		484875	3717850	3.12E-07	1.08YrCanc	3.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
317	ALL		484525	3717875	3.94E-06	1.08YrCanc	3.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
318	ALL		484550	3717875	2.58E-06	1.08YrCanc	2.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
319	ALL		484575	3717875	1.88E-06	1.08YrCanc	1.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
320	ALL		484600	3717875	1.45E-06	1.08YrCanc	1.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
321	ALL		484625	3717875	1.16E-06	1.08YrCanc	1.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
322	ALL		484650	3717875	9.54E-07	1.08YrCanc	9.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
323	ALL		484675	3717875	8.04E-07	1.08YrCanc	8.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
324	ALL		484700	3717875	6.90E-07	1.08YrCanc	6.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
325	ALL		484725	3717875	6.00E-07	1.08YrCanc	6.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
326	ALL		484750	3717875	5.28E-07	1.08YrCanc	5.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
327	ALL		484775	3717875	4.69E-07	1.08YrCanc	4.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
328	ALL		484800	3717875	4.20E-07	1.08YrCanc	4.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
329	ALL		484825	3717875	3.79E-07	1.08YrCanc	3.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
330	ALL		484850	3717875	3.45E-07	1.08YrCanc	3.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
331	ALL		484875	3717875	3.15E-07	1.08YrCanc	3.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
332	ALL		484525	3717900	3.86E-06	1.08YrCanc	3.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
333	ALL		484550	3717900	2.55E-06	1.08YrCanc	2.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
334	ALL		484575	3717900	1.87E-06	1.08YrCanc	1.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
335	ALL		484600	3717900	1.45E-06	1.08YrCanc	1.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
336	ALL		484625	3717900	1.16E-06	1.08YrCanc	1.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
337	ALL		484650	3717900	9.62E-07	1.08YrCanc	9.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
338	ALL		484675	3717900	8.11E-07	1.08YrCanc	8.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
339	ALL		484700	3717900	6.96E-07	1.08YrCanc	6.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
340	ALL		484725	3717900	6.05E-07	1.08YrCanc	6.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
341	ALL		484750	3717900	5.33E-07	1.08YrCanc	5.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
342	ALL		484775	3717900	4.73E-07	1.08YrCanc	4.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
343	ALL		484800	3717900	4.24E-07	1.08YrCanc	4.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
344	ALL		484825	3717900	3.83E-07	1.08YrCanc	3.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
345	ALL		484850	3717900	3.48E-07	1.08YrCanc	3.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
346	ALL		484875	3717900	3.18E-07	1.08YrCanc	3.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
347	ALL		484525	3717925	3.63E-06	1.08YrCanc	3.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
348	ALL		484550	3717925	2.46E-06	1.08YrCanc	2.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
349	ALL		484575	3717925	1.83E-06	1.08YrCanc	1.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
350	ALL		484600	3717925	1.43E-06	1.08YrCanc	1.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
351	ALL		484625	3717925	1.16E-06	1.08YrCanc	1.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
352	ALL		484650	3717925	9.60E-07	1.08YrCanc	9.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
353	ALL		484675	3717925	8.12E-07	1.08YrCanc	8.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
354	ALL		484700	3717925	6.99E-07	1.08YrCanc	6.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
355	ALL		484725	3717925	6.09E-07	1.08YrCanc	6.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
356	ALL		484750	3717925	5.36E-07	1.08YrCanc	5.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
357	ALL		484775	3717925	4.76E-07	1.08YrCanc	4.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
358	ALL		484800	3717925	4.27E-07	1.08YrCanc	4.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
359	ALL		484825	3717925	3.86E-07	1.08YrCanc	3.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
360	ALL		484850	3717925	3.50E-07	1.08YrCanc	3.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/16/2020 10:13:36 AM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\ConstMitV2\hra\ConstMi3rd_1.08yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_I	EGG_RISK
361	ALL		484875	3717925	3.20E-07	1.08YrCan	3.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
362	ALL		484525	3717950	3.31E-06	1.08YrCan	3.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
363	ALL		484550	3717950	2.31E-06	1.08YrCan	2.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
364	ALL		484575	3717950	1.75E-06	1.08YrCan	1.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
365	ALL		484600	3717950	1.39E-06	1.08YrCan	1.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
366	ALL		484625	3717950	1.14E-06	1.08YrCan	1.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
367	ALL		484650	3717950	9.50E-07	1.08YrCan	9.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
368	ALL		484675	3717950	8.08E-07	1.08YrCan	8.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
369	ALL		484700	3717950	6.98E-07	1.08YrCan	6.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
370	ALL		484725	3717950	6.09E-07	1.08YrCan	6.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
371	ALL		484750	3717950	5.37E-07	1.08YrCan	5.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
372	ALL		484775	3717950	4.78E-07	1.08YrCan	4.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
373	ALL		484800	3717950	4.29E-07	1.08YrCan	4.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
374	ALL		484825	3717950	3.88E-07	1.08YrCan	3.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
375	ALL		484850	3717950	3.52E-07	1.08YrCan	3.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
376	ALL		484875	3717950	3.22E-07	1.08YrCan	3.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
377	ALL		484525	3717975	2.86E-06	1.08YrCan	2.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
378	ALL		484550	3717975	2.11E-06	1.08YrCan	2.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
379	ALL		484575	3717975	1.65E-06	1.08YrCan	1.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
380	ALL		484600	3717975	1.33E-06	1.08YrCan	1.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
381	ALL		484625	3717975	1.10E-06	1.08YrCan	1.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
382	ALL		484650	3717975	9.31E-07	1.08YrCan	9.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
383	ALL		484675	3717975	7.97E-07	1.08YrCan	7.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
384	ALL		484700	3717975	6.92E-07	1.08YrCan	6.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
385	ALL		484725	3717975	6.06E-07	1.08YrCan	6.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
386	ALL		484750	3717975	5.36E-07	1.08YrCan	5.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
387	ALL		484775	3717975	4.78E-07	1.08YrCan	4.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
388	ALL		484800	3717975	4.30E-07	1.08YrCan	4.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
389	ALL		484825	3717975	3.89E-07	1.08YrCan	3.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
390	ALL		484850	3717975	3.54E-07	1.08YrCan	3.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
391	ALL		484875	3717975	3.23E-07	1.08YrCan	3.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
392	ALL		484525	3718000	2.40E-06	1.08YrCan	2.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
393	ALL		484550	3718000	1.89E-06	1.08YrCan	1.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
394	ALL		484575	3718000	1.53E-06	1.08YrCan	1.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
395	ALL		484600	3718000	1.26E-06	1.08YrCan	1.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
396	ALL		484625	3718000	1.06E-06	1.08YrCan	1.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
397	ALL		484650	3718000	9.05E-07	1.08YrCan	9.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
398	ALL		484675	3718000	7.81E-07	1.08YrCan	7.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
399	ALL		484700	3718000	6.82E-07	1.08YrCan	6.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
400	ALL		484725	3718000	6.00E-07	1.08YrCan	6.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
401	ALL		484750	3718000	5.33E-07	1.08YrCan	5.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
402	ALL		484775	3718000	4.77E-07	1.08YrCan	4.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
403	ALL		484800	3718000	4.29E-07	1.08YrCan	4.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
404	ALL		484825	3718000	3.89E-07	1.08YrCan	3.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
405	ALL		484850	3718000	3.54E-07	1.08YrCan	3.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/16/2020 10:13:36 AM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\ConstMitV2\hra\ConstMi3rd_1.08yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_I	EGG_RISK
406	ALL		484875	3718000	3.24E-07	1.08YrCan	3.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
407	ALL		484525	3718025	2.02E-06	1.08YrCan	2.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
408	ALL		484550	3718025	1.68E-06	1.08YrCan	1.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
409	ALL		484575	3718025	1.40E-06	1.08YrCan	1.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
410	ALL		484600	3718025	1.18E-06	1.08YrCan	1.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
411	ALL		484625	3718025	1.01E-06	1.08YrCan	1.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
412	ALL		484650	3718025	8.71E-07	1.08YrCan	8.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
413	ALL		484675	3718025	7.60E-07	1.08YrCan	7.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
414	ALL		484700	3718025	6.67E-07	1.08YrCan	6.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
415	ALL		484725	3718025	5.91E-07	1.08YrCan	5.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
416	ALL		484750	3718025	5.27E-07	1.08YrCan	5.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
417	ALL		484775	3718025	4.73E-07	1.08YrCan	4.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
418	ALL		484800	3718025	4.27E-07	1.08YrCan	4.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
419	ALL		484825	3718025	3.88E-07	1.08YrCan	3.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
420	ALL		484850	3718025	3.54E-07	1.08YrCan	3.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
421	ALL		484875	3718025	3.24E-07	1.08YrCan	3.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
422	ALL		484500	3718050	1.99E-06	1.08YrCan	1.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
423	ALL		484525	3718050	1.72E-06	1.08YrCan	1.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
424	ALL		484550	3718050	1.48E-06	1.08YrCan	1.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
425	ALL		484575	3718050	1.27E-06	1.08YrCan	1.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
426	ALL		484600	3718050	1.10E-06	1.08YrCan	1.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
427	ALL		484625	3718050	9.53E-07	1.08YrCan	9.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
428	ALL		484650	3718050	8.33E-07	1.08YrCan	8.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
429	ALL		484675	3718050	7.33E-07	1.08YrCan	7.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
430	ALL		484700	3718050	6.49E-07	1.08YrCan	6.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
431	ALL		484500	3718075	1.66E-06	1.08YrCan	1.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
432	ALL		484525	3718075	1.48E-06	1.08YrCan	1.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
433	ALL		484550	3718075	1.31E-06	1.08YrCan	1.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
434	ALL		484575	3718075	1.15E-06	1.08YrCan	1.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
435	ALL		484600	3718075	1.01E-06	1.08YrCan	1.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
436	ALL		484625	3718075	8.93E-07	1.08YrCan	8.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
437	ALL		484650	3718075	7.90E-07	1.08YrCan	7.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
438	ALL		484675	3718075	7.02E-07	1.08YrCan	7.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
439	ALL		484700	3718075	6.27E-07	1.08YrCan	6.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
440	ALL		484500	3718100	1.41E-06	1.08YrCan	1.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
441	ALL		484525	3718100	1.28E-06	1.08YrCan	1.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
442	ALL		484550	3718100	1.16E-06	1.08YrCan	1.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
443	ALL		484575	3718100	1.04E-06	1.08YrCan	1.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
444	ALL		484600	3718100	9.31E-07	1.08YrCan	9.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
445	ALL		484625	3718100	8.33E-07	1.08YrCan	8.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
446	ALL		484650	3718100	7.46E-07	1.08YrCan	7.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
447	ALL		484675	3718100	6.69E-07	1.08YrCan	6.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
448	ALL		484700	3718100	6.03E-07	1.08YrCan	6.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
449	ALL		484500	3718125	1.21E-06	1.08YrCan	1.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
450	ALL		484525	3718125	1.12E-06	1.08YrCan	1.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/16/2020 10:13:36 AM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\ConstMitV2\hra\ConstMi3rd_1.08yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_I	EGG_RISK
451	ALL		484550	3718125	1.03E-06	1.08YrCan	1.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
452	ALL		484575	3718125	9.38E-07	1.08YrCan	9.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
453	ALL		484600	3718125	8.52E-07	1.08YrCan	8.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
454	ALL		484625	3718125	7.73E-07	1.08YrCan	7.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
455	ALL		484650	3718125	7.00E-07	1.08YrCan	7.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
456	ALL		484675	3718125	6.35E-07	1.08YrCan	6.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
457	ALL		484700	3718125	5.77E-07	1.08YrCan	5.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
458	ALL		484500	3718150	1.05E-06	1.08YrCan	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
459	ALL		484525	3718150	9.83E-07	1.08YrCan	9.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
460	ALL		484550	3718150	9.15E-07	1.08YrCan	9.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
461	ALL		484575	3718150	8.46E-07	1.08YrCan	8.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
462	ALL		484600	3718150	7.79E-07	1.08YrCan	7.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
463	ALL		484625	3718150	7.15E-07	1.08YrCan	7.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
464	ALL		484650	3718150	6.55E-07	1.08YrCan	6.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
465	ALL		484675	3718150	6.00E-07	1.08YrCan	6.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
466	ALL		484700	3718150	5.50E-07	1.08YrCan	5.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
467	ALL		484500	3718175	9.18E-07	1.08YrCan	9.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
468	ALL		484525	3718175	8.68E-07	1.08YrCan	8.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
469	ALL		484550	3718175	8.17E-07	1.08YrCan	8.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
470	ALL		484575	3718175	7.64E-07	1.08YrCan	7.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
471	ALL		484600	3718175	7.12E-07	1.08YrCan	7.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
472	ALL		484625	3718175	6.60E-07	1.08YrCan	6.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
473	ALL		484650	3718175	6.11E-07	1.08YrCan	6.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
474	ALL		484675	3718175	5.65E-07	1.08YrCan	5.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
475	ALL		484700	3718175	5.22E-07	1.08YrCan	5.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
476	ALL		484725	3718175	4.83E-07	1.08YrCan	4.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
477	ALL		484750	3718175	4.46E-07	1.08YrCan	4.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
478	ALL		484775	3718175	4.13E-07	1.08YrCan	4.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
479	ALL		484800	3718175	3.82E-07	1.08YrCan	3.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
480	ALL		484825	3718175	3.54E-07	1.08YrCan	3.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
481	ALL		484850	3718175	3.29E-07	1.08YrCan	3.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
482	ALL		484875	3718175	3.06E-07	1.08YrCan	3.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
483	ALL		484500	3718200	8.07E-07	1.08YrCan	8.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
484	ALL		484525	3718200	7.70E-07	1.08YrCan	7.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
485	ALL		484550	3718200	7.31E-07	1.08YrCan	7.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
486	ALL		484575	3718200	6.91E-07	1.08YrCan	6.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
487	ALL		484600	3718200	6.50E-07	1.08YrCan	6.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
488	ALL		484625	3718200	6.09E-07	1.08YrCan	6.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
489	ALL		484650	3718200	5.69E-07	1.08YrCan	5.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
490	ALL		484675	3718200	5.30E-07	1.08YrCan	5.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
491	ALL		484700	3718200	4.94E-07	1.08YrCan	4.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
492	ALL		484725	3718200	4.60E-07	1.08YrCan	4.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
493	ALL		484750	3718200	4.28E-07	1.08YrCan	4.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
494	ALL		484775	3718200	3.98E-07	1.08YrCan	3.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
495	ALL		484800	3718200	3.70E-07	1.08YrCan	3.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/16/2020 10:13:36 AM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\ConstMitV2\hra\ConstMi3rd_1.08yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_E	EGG_RISK
496	ALL		484825	3718200	3.45E-07	1.08YrCan	3.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
497	ALL		484850	3718200	3.22E-07	1.08YrCan	3.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
498	ALL		484875	3718200	3.01E-07	1.08YrCan	3.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
499	ALL		484500	3718225	7.15E-07	1.08YrCan	7.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
500	ALL		484525	3718225	6.87E-07	1.08YrCan	6.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
501	ALL		484550	3718225	6.58E-07	1.08YrCan	6.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
502	ALL		484575	3718225	6.26E-07	1.08YrCan	6.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
503	ALL		484600	3718225	5.94E-07	1.08YrCan	5.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
504	ALL		484625	3718225	5.61E-07	1.08YrCan	5.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
505	ALL		484650	3718225	5.28E-07	1.08YrCan	5.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
506	ALL		484675	3718225	4.96E-07	1.08YrCan	4.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
507	ALL		484700	3718225	4.66E-07	1.08YrCan	4.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
508	ALL		484725	3718225	4.36E-07	1.08YrCan	4.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
509	ALL		484750	3718225	4.08E-07	1.08YrCan	4.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
510	ALL		484775	3718225	3.82E-07	1.08YrCan	3.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
511	ALL		484800	3718225	3.57E-07	1.08YrCan	3.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
512	ALL		484825	3718225	3.35E-07	1.08YrCan	3.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
513	ALL		484850	3718225	3.14E-07	1.08YrCan	3.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
514	ALL		484875	3718225	2.94E-07	1.08YrCan	2.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
515	ALL		484500	3718250	6.37E-07	1.08YrCan	6.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
516	ALL		484525	3718250	6.16E-07	1.08YrCan	6.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
517	ALL		484550	3718250	5.93E-07	1.08YrCan	5.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
518	ALL		484575	3718250	5.69E-07	1.08YrCan	5.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
519	ALL		484600	3718250	5.43E-07	1.08YrCan	5.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
520	ALL		484625	3718250	5.17E-07	1.08YrCan	5.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
521	ALL		484650	3718250	4.90E-07	1.08YrCan	4.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
522	ALL		484675	3718250	4.64E-07	1.08YrCan	4.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
523	ALL		484700	3718250	4.38E-07	1.08YrCan	4.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
524	ALL		484725	3718250	4.13E-07	1.08YrCan	4.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
525	ALL		484750	3718250	3.89E-07	1.08YrCan	3.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
526	ALL		484775	3718250	3.66E-07	1.08YrCan	3.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
527	ALL		484800	3718250	3.44E-07	1.08YrCan	3.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
528	ALL		484825	3718250	3.24E-07	1.08YrCan	3.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
529	ALL		484850	3718250	3.05E-07	1.08YrCan	3.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
530	ALL		484875	3718250	2.87E-07	1.08YrCan	2.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
531	ALL		484500	3718275	5.71E-07	1.08YrCan	5.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
532	ALL		484525	3718275	5.55E-07	1.08YrCan	5.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
533	ALL		484550	3718275	5.37E-07	1.08YrCan	5.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
534	ALL		484575	3718275	5.18E-07	1.08YrCan	5.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
535	ALL		484600	3718275	4.98E-07	1.08YrCan	4.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
536	ALL		484625	3718275	4.77E-07	1.08YrCan	4.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
537	ALL		484650	3718275	4.55E-07	1.08YrCan	4.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
538	ALL		484675	3718275	4.33E-07	1.08YrCan	4.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
539	ALL		484700	3718275	4.11E-07	1.08YrCan	4.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
540	ALL		484725	3718275	3.90E-07	1.08YrCan	3.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/16/2020 10:13:36 AM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\ConstMitV2\hra\ConstMi3rd_1.08yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_I	EGG_RISK
541	ALL		484750	3718275	3.70E-07	1.08YrCan	3.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
542	ALL		484775	3718275	3.50E-07	1.08YrCan	3.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
543	ALL		484800	3718275	3.30E-07	1.08YrCan	3.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
544	ALL		484825	3718275	3.12E-07	1.08YrCan	3.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
545	ALL		484850	3718275	2.95E-07	1.08YrCan	2.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
546	ALL		484875	3718275	2.79E-07	1.08YrCan	2.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/16/2020 10:13:20 AM - Chronic Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\ConstMitV2\hra\ConstMitChronicHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1	ALL		483500	3716600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.60E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.60E-05
2	ALL		483600	3716600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.96E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.96E-05
3	ALL		483700	3716600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.35E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.35E-05
4	ALL		483800	3716600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.71E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.71E-05
5	ALL		483900	3716600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.05E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.05E-05
6	ALL		484000	3716600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.33E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.33E-05
7	ALL		485000	3716600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.77E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.77E-05
8	ALL		485100	3716600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.79E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.79E-05
9	ALL		483500	3716700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.12E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.12E-05
10	ALL		483600	3716700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.64E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.64E-05
11	ALL		483700	3716700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.11E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.11E-05
12	ALL		483800	3716700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.59E-05
13	ALL		483900	3716700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.00E-05
14	ALL		484000	3716700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.37E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.37E-05
15	ALL		485200	3716700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.86E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.86E-05
16	ALL		485400	3716700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.09E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.09E-05
17	ALL		485700	3716700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.93E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.93E-05
18	ALL		483100	3716800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.01E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.01E-05
19	ALL		483200	3716800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.33E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.33E-05
20	ALL		483500	3716800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.81E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.81E-05
21	ALL		483600	3716800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.42E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.42E-05
22	ALL		483700	3716800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.14E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.14E-05
23	ALL		483800	3716800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.70E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.70E-05
24	ALL		483900	3716800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-04
25	ALL		484000	3716800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-04
26	ALL		483100	3716900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.38E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.38E-05
27	ALL		483200	3716900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.80E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.80E-05
28	ALL		485600	3716900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.82E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.82E-05
29	ALL		483200	3717000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.24E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.24E-05
30	ALL		483300	3717000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.89E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.89E-05
31	ALL		485400	3717100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.72E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.72E-05
32	ALL		485500	3717100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.93E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.93E-05
33	ALL		485600	3717100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.20E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.20E-05
34	ALL		485700	3717100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.63E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.63E-05
35	ALL		483100	3717200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.45E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.45E-05
36	ALL		483200	3717300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.59E-05
37	ALL		483300	3717300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.65E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.65E-05
38	ALL		483400	3717300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-04
39	ALL		483500	3717300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-04
40	ALL		483800	3717300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-04
41	ALL		483900	3717300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-04
42	ALL		484000	3717300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.76E-04
43	ALL		484600	3717300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.88E-04
44	ALL		484700	3717300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-04
45	ALL		483100	3717400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.01E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.01E-05

*HARP - HRACalc v19044 3/16/2020 10:13:20 AM - Chronic Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\ConstMitV2\hra\ConstMitChronicHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
46	ALL		483200	3717400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.97E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.97E-05
47	ALL		483300	3717400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-04
48	ALL		483400	3717400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-04
49	ALL		483500	3717400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-04
50	ALL		483800	3717400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-04
51	ALL		483900	3717400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-04
52	ALL		484000	3717400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.70E-04
53	ALL		484600	3717400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E-04
54	ALL		484700	3717400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.15E-04
55	ALL		484800	3717400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-04
56	ALL		483100	3717500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.29E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.29E-05
57	ALL		483300	3717500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-04
58	ALL		483400	3717500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-04
59	ALL		483500	3717500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-04
60	ALL		483600	3717500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04
61	ALL		484000	3717500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.37E-04
62	ALL		484600	3717500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.05E-04
63	ALL		484700	3717500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.96E-04
64	ALL		483600	3717600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-04
65	ALL		484600	3717600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.95E-04
66	ALL		484700	3717600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.90E-04
67	ALL		484800	3717600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.52E-04
68	ALL		484600	3717700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.79E-04
69	ALL		484700	3717700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.91E-04
70	ALL		484800	3717700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.95E-04
71	ALL		483400	3717800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-04
72	ALL		483500	3717800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-04
73	ALL		483600	3717800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-04
74	ALL		484600	3717800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03
75	ALL		484700	3717800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.79E-04
76	ALL		485300	3717800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-04
77	ALL		483300	3717900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-04
78	ALL		483400	3717900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-04
79	ALL		483500	3717900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-04
80	ALL		484600	3717900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-03
81	ALL		484700	3717900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.29E-04
82	ALL		484800	3717900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.44E-04
83	ALL		485100	3717900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04
84	ALL		483300	3718000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-04
85	ALL		483400	3718000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-04
86	ALL		483500	3718000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-04
87	ALL		483600	3718000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-04
88	ALL		484600	3718000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-03
89	ALL		484700	3718000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.14E-04
90	ALL		484800	3718000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.49E-04

*HARP - HRACalc v19044 3/16/2020 10:13:20 AM - Chronic Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\ConstMitV2\hra\ConstMitChronicHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
91	ALL		483100	3718100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.68E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.68E-05
92	ALL		483400	3718100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-04
93	ALL		483600	3718100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-04
94	ALL		484600	3718100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.75E-04
95	ALL		483900	3718200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.24E-04
96	ALL		484500	3718200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.45E-04
97	ALL		484600	3718200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.81E-04
98	ALL		484700	3718200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.17E-04
99	ALL		485400	3718200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-04
100	ALL		485600	3718200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.30E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.30E-05
101	ALL		483100	3718300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.04E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.04E-05
102	ALL		483900	3718300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-04
103	ALL		484000	3718300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.24E-04
104	ALL		484200	3718300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.63E-04
105	ALL		485300	3718300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-04
106	ALL		485600	3718300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.49E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.49E-05
107	ALL		483400	3718400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-04
108	ALL		485200	3718400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-04
109	ALL		485200	3718500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-04
110	ALL		484600	3718600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-04
111	ALL		484800	3718600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-04
112	ALL		485200	3718600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-04
113	ALL		483700	3718700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-04
114	ALL		483100	3718800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.45E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.45E-05
115	ALL		484000	3718800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-04
116	ALL		484200	3718800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-04
117	ALL		485400	3718800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.26E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.26E-05
118	ALL		483100	3718900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.33E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.33E-05
119	ALL		483200	3718900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.72E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.72E-05
120	ALL		483100	3719000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.08E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.08E-05
121	ALL		483200	3719000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.55E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.55E-05
122	ALL		483300	3719000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.91E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.91E-05
123	ALL		483400	3719000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.28E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.28E-05
124	ALL		483500	3719000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.70E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.70E-05
125	ALL		483100	3719100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.79E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.79E-05
126	ALL		483200	3719100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.20E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.20E-05
127	ALL		483300	3719100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.59E-05
128	ALL		483400	3719100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.93E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.93E-05
129	ALL		483500	3719100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.21E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.21E-05
130	ALL		483700	3719100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.29E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.29E-05
131	ALL		484900	3719100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.84E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.84E-05
132	ALL		485000	3719100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.65E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.65E-05
133	ALL		485100	3719100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.40E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.40E-05
134	ALL		485200	3719100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.15E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.15E-05
135	ALL		485300	3719100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.86E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.86E-05

*HARP - HRACalc v19044 3/16/2020 10:13:20 AM - Chronic Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\ConstMitV2\hra\ConstMitChronicHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
136	ALL		485400	3719100	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.50E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.50E-05
137	ALL		485500	3719100	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.16E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.16E-05
138	ALL		485600	3719100	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.82E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.82E-05
139	ALL		485700	3719100	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.50E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.50E-05
140	ALL		484200	3719200	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.41E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.41E-05
141	ALL		484500	3719200	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.37E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.37E-05
142	ALL		484800	3719200	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.13E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.13E-05
143	ALL		484900	3719200	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.99E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.99E-05
144	ALL		485000	3719200	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.84E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.84E-05
145	ALL		485100	3719200	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.65E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.65E-05
146	ALL		485200	3719200	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.49E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.49E-05
147	ALL		485300	3719200	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.25E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.25E-05
148	ALL		485400	3719200	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.98E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.98E-05
149	ALL		485500	3719200	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.73E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.73E-05
150	ALL		485600	3719200	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.48E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.48E-05
151	ALL		485700	3719200	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.21E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.21E-05
152	ALL		484525	3717600	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.99E-04
153	ALL		484550	3717600	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.27E-04
154	ALL		484575	3717600	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.59E-04
155	ALL		484600	3717600	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.95E-04
156	ALL		484625	3717600	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.37E-04
157	ALL		484650	3717600	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.83E-04
158	ALL		484675	3717600	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.34E-04
159	ALL		484700	3717600	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.90E-04
160	ALL		484725	3717600	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.50E-04
161	ALL		484750	3717600	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.14E-04
162	ALL		484775	3717600	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.81E-04
163	ALL		484800	3717600	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.52E-04
164	ALL		484825	3717600	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-04
165	ALL		484850	3717600	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.01E-04
166	ALL		484875	3717600	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-04
167	ALL		484525	3717625	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03
168	ALL		484550	3717625	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.18E-04
169	ALL		484575	3717625	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.34E-04
170	ALL		484600	3717625	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.56E-04
171	ALL		484625	3717625	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.86E-04
172	ALL		484650	3717625	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.23E-04
173	ALL		484675	3717625	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.66E-04
174	ALL		484700	3717625	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.15E-04
175	ALL		484725	3717625	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.70E-04
176	ALL		484750	3717625	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.29E-04
177	ALL		484775	3717625	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.93E-04
178	ALL		484800	3717625	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-04
179	ALL		484825	3717625	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.34E-04
180	ALL		484850	3717625	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-04

*HARP - HRACalc v19044 3/16/2020 10:13:20 AM - Chronic Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\ConstMitV2\hra\ConstMitChronicHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
181	ALL		484875	3717625	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-04
182	ALL		484525	3717650	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03
183	ALL		484550	3717650	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-03
184	ALL		484575	3717650	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.19E-04
185	ALL		484600	3717650	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.24E-04
186	ALL		484625	3717650	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.39E-04
187	ALL		484650	3717650	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.64E-04
188	ALL		484675	3717650	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.98E-04
189	ALL		484700	3717650	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.41E-04
190	ALL		484725	3717650	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.91E-04
191	ALL		484750	3717650	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.46E-04
192	ALL		484775	3717650	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.07E-04
193	ALL		484800	3717650	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-04
194	ALL		484825	3717650	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.43E-04
195	ALL		484850	3717650	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-04
196	ALL		484875	3717650	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.93E-04
197	ALL		484525	3717675	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03
198	ALL		484550	3717675	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-03
199	ALL		484575	3717675	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-03
200	ALL		484600	3717675	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.98E-04
201	ALL		484625	3717675	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.95E-04
202	ALL		484650	3717675	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.06E-04
203	ALL		484675	3717675	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.31E-04
204	ALL		484700	3717675	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.66E-04
205	ALL		484725	3717675	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.11E-04
206	ALL		484750	3717675	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.62E-04
207	ALL		484775	3717675	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.21E-04
208	ALL		484800	3717675	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.86E-04
209	ALL		484825	3717675	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.54E-04
210	ALL		484850	3717675	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.24E-04
211	ALL		484875	3717675	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-04
212	ALL		484525	3717700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-03
213	ALL		484550	3717700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-03
214	ALL		484575	3717700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-03
215	ALL		484600	3717700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.79E-04
216	ALL		484625	3717700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.54E-04
217	ALL		484650	3717700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.51E-04
218	ALL		484675	3717700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.64E-04
219	ALL		484700	3717700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.91E-04
220	ALL		484725	3717700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.30E-04
221	ALL		484750	3717700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.77E-04
222	ALL		484775	3717700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E-04
223	ALL		484800	3717700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.95E-04
224	ALL		484825	3717700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-04
225	ALL		484850	3717700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.31E-04

*HARP - HRACalc v19044 3/16/2020 10:13:20 AM - Chronic Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\ConstMitV2\hra\ConstMitChronicHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
226	ALL		484875	3717700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-04
227	ALL		484525	3717725	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-03
228	ALL		484550	3717725	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-03
229	ALL		484575	3717725	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-03
230	ALL		484600	3717725	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-03
231	ALL		484625	3717725	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.16E-04
232	ALL		484650	3717725	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.95E-04
233	ALL		484675	3717725	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.96E-04
234	ALL		484700	3717725	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.15E-04
235	ALL		484725	3717725	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.47E-04
236	ALL		484750	3717725	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.91E-04
237	ALL		484775	3717725	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.43E-04
238	ALL		484800	3717725	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.02E-04
239	ALL		484825	3717725	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.66E-04
240	ALL		484850	3717725	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-04
241	ALL		484875	3717725	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-04
242	ALL		484525	3717750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-03
243	ALL		484550	3717750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-03
244	ALL		484575	3717750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03
245	ALL		484600	3717750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03
246	ALL		484625	3717750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.81E-04
247	ALL		484650	3717750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.40E-04
248	ALL		484675	3717750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.27E-04
249	ALL		484700	3717750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.37E-04
250	ALL		484725	3717750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.64E-04
251	ALL		484750	3717750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.03E-04
252	ALL		484775	3717750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-04
253	ALL		484800	3717750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.09E-04
254	ALL		484825	3717750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.72E-04
255	ALL		484850	3717750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-04
256	ALL		484875	3717750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-04
257	ALL		484525	3717775	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.83E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.83E-03
258	ALL		484550	3717775	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-03
259	ALL		484575	3717775	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-03
260	ALL		484600	3717775	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-03
261	ALL		484625	3717775	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-03
262	ALL		484650	3717775	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.82E-04
263	ALL		484675	3717775	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.57E-04
264	ALL		484700	3717775	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.59E-04
265	ALL		484725	3717775	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.80E-04
266	ALL		484750	3717775	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.16E-04
267	ALL		484775	3717775	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.61E-04
268	ALL		484800	3717775	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.16E-04
269	ALL		484825	3717775	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E-04
270	ALL		484850	3717775	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.43E-04

*HARP - HRACalc v19044 3/16/2020 10:13:20 AM - Chronic Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\ConstMitV2\hra\ConstMitChronicHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
271	ALL		484875	3717775	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.15E-04
272	ALL		484525	3717800	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.58E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.58E-03
273	ALL		484550	3717800	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-03
274	ALL		484575	3717800	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-03
275	ALL		484600	3717800	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03
276	ALL		484625	3717800	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-03
277	ALL		484650	3717800	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.20E-04
278	ALL		484675	3717800	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.85E-04
279	ALL		484700	3717800	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.79E-04
280	ALL		484725	3717800	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.95E-04
281	ALL		484750	3717800	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.27E-04
282	ALL		484775	3717800	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.71E-04
283	ALL		484800	3717800	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-04
284	ALL		484825	3717800	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.82E-04
285	ALL		484850	3717800	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.48E-04
286	ALL		484875	3717800	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.19E-04
287	ALL		484525	3717825	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.96E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.96E-03
288	ALL		484550	3717825	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-03
289	ALL		484575	3717825	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-03
290	ALL		484600	3717825	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-03
291	ALL		484625	3717825	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-03
292	ALL		484650	3717825	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.54E-04
293	ALL		484675	3717825	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.08E-04
294	ALL		484700	3717825	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.96E-04
295	ALL		484725	3717825	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.08E-04
296	ALL		484750	3717825	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.37E-04
297	ALL		484775	3717825	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.78E-04
298	ALL		484800	3717825	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.29E-04
299	ALL		484825	3717825	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.88E-04
300	ALL		484850	3717825	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.53E-04
301	ALL		484875	3717825	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-04
302	ALL		484525	3717850	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.14E-03
303	ALL		484550	3717850	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-03
304	ALL		484575	3717850	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-03
305	ALL		484600	3717850	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-03
306	ALL		484625	3717850	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03
307	ALL		484650	3717850	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.81E-04
308	ALL		484675	3717850	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.27E-04
309	ALL		484700	3717850	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.11E-04
310	ALL		484725	3717850	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.19E-04
311	ALL		484750	3717850	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.46E-04
312	ALL		484775	3717850	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.85E-04
313	ALL		484800	3717850	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.35E-04
314	ALL		484825	3717850	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.93E-04
315	ALL		484850	3717850	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-04

*HARP - HRACalc v19044 3/16/2020 10:13:20 AM - Chronic Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\ConstMitV2\hra\ConstMitChronicHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
316	ALL		484875	3717850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-04
317	ALL		484525	3717875	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.13E-03
318	ALL		484550	3717875	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-03
319	ALL		484575	3717875	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-03
320	ALL		484600	3717875	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-03
321	ALL		484625	3717875	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03
322	ALL		484650	3717875	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.99E-04
323	ALL		484675	3717875	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.41E-04
324	ALL		484700	3717875	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.22E-04
325	ALL		484725	3717875	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.28E-04
326	ALL		484750	3717875	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.52E-04
327	ALL		484775	3717875	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.91E-04
328	ALL		484800	3717875	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.40E-04
329	ALL		484825	3717875	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.97E-04
330	ALL		484850	3717875	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.61E-04
331	ALL		484875	3717875	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.30E-04
332	ALL		484525	3717900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.04E-03
333	ALL		484550	3717900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-03
334	ALL		484575	3717900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-03
335	ALL		484600	3717900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-03
336	ALL		484625	3717900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-03
337	ALL		484650	3717900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03
338	ALL		484675	3717900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.49E-04
339	ALL		484700	3717900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.29E-04
340	ALL		484725	3717900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.34E-04
341	ALL		484750	3717900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.58E-04
342	ALL		484775	3717900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.95E-04
343	ALL		484800	3717900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.44E-04
344	ALL		484825	3717900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.01E-04
345	ALL		484850	3717900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.64E-04
346	ALL		484875	3717900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.33E-04
347	ALL		484525	3717925	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-03
348	ALL		484550	3717925	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-03
349	ALL		484575	3717925	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-03
350	ALL		484600	3717925	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-03
351	ALL		484625	3717925	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03
352	ALL		484650	3717925	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03
353	ALL		484675	3717925	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.51E-04
354	ALL		484700	3717925	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.32E-04
355	ALL		484725	3717925	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.37E-04
356	ALL		484750	3717925	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.61E-04
357	ALL		484775	3717925	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.99E-04
358	ALL		484800	3717925	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.47E-04
359	ALL		484825	3717925	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.04E-04
360	ALL		484850	3717925	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E-04

*HARP - HRACalc v19044 3/16/2020 10:13:20 AM - Chronic Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\ConstMitV2\hra\ConstMitChronicHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
361	ALL		484875	3717925	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-04
362	ALL		484525	3717950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.47E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.47E-03
363	ALL		484550	3717950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-03
364	ALL		484575	3717950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-03
365	ALL		484600	3717950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-03
366	ALL		484625	3717950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03
367	ALL		484650	3717950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.95E-04
368	ALL		484675	3717950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.46E-04
369	ALL		484700	3717950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.31E-04
370	ALL		484725	3717950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.38E-04
371	ALL		484750	3717950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.63E-04
372	ALL		484775	3717950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.01E-04
373	ALL		484800	3717950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.49E-04
374	ALL		484825	3717950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.06E-04
375	ALL		484850	3717950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.69E-04
376	ALL		484875	3717950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.37E-04
377	ALL		484525	3717975	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-03
378	ALL		484550	3717975	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-03
379	ALL		484575	3717975	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-03
380	ALL		484600	3717975	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03
381	ALL		484625	3717975	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03
382	ALL		484650	3717975	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.75E-04
383	ALL		484675	3717975	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.35E-04
384	ALL		484700	3717975	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.24E-04
385	ALL		484725	3717975	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.35E-04
386	ALL		484750	3717975	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.61E-04
387	ALL		484775	3717975	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.01E-04
388	ALL		484800	3717975	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.50E-04
389	ALL		484825	3717975	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.07E-04
390	ALL		484850	3717975	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.70E-04
391	ALL		484875	3717975	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-04
392	ALL		484525	3718000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-03
393	ALL		484550	3718000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-03
394	ALL		484575	3718000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-03
395	ALL		484600	3718000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-03
396	ALL		484625	3718000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03
397	ALL		484650	3718000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.47E-04
398	ALL		484675	3718000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.18E-04
399	ALL		484700	3718000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.14E-04
400	ALL		484725	3718000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.29E-04
401	ALL		484750	3718000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.58E-04
402	ALL		484775	3718000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.99E-04
403	ALL		484800	3718000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.49E-04
404	ALL		484825	3718000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.07E-04
405	ALL		484850	3718000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.71E-04

*HARP - HRACalc v19044 3/16/2020 10:13:20 AM - Chronic Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\ConstMitV2\hra\ConstMitChronicHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
406	ALL		484875	3718000	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-04
407	ALL		484525	3718025	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-03
408	ALL		484550	3718025	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-03
409	ALL		484575	3718025	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-03
410	ALL		484600	3718025	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-03
411	ALL		484625	3718025	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03
412	ALL		484650	3718025	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.13E-04
413	ALL		484675	3718025	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.96E-04
414	ALL		484700	3718025	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.99E-04
415	ALL		484725	3718025	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.19E-04
416	ALL		484750	3718025	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.52E-04
417	ALL		484775	3718025	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.96E-04
418	ALL		484800	3718025	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.47E-04
419	ALL		484825	3718025	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.06E-04
420	ALL		484850	3718025	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.70E-04
421	ALL		484875	3718025	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-04
422	ALL		484500	3718050	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-03
423	ALL		484525	3718050	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-03
424	ALL		484550	3718050	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03
425	ALL		484575	3718050	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-03
426	ALL		484600	3718050	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-03
427	ALL		484625	3718050	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.98E-04
428	ALL		484650	3718050	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.72E-04
429	ALL		484675	3718050	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.67E-04
430	ALL		484700	3718050	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.80E-04
431	ALL		484500	3718075	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-03
432	ALL		484525	3718075	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03
433	ALL		484550	3718075	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-03
434	ALL		484575	3718075	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03
435	ALL		484600	3718075	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03
436	ALL		484625	3718075	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.36E-04
437	ALL		484650	3718075	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.27E-04
438	ALL		484675	3718075	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.35E-04
439	ALL		484700	3718075	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.57E-04
440	ALL		484500	3718100	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-03
441	ALL		484525	3718100	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-03
442	ALL		484550	3718100	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03
443	ALL		484575	3718100	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-03
444	ALL		484600	3718100	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.75E-04
445	ALL		484625	3718100	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.72E-04
446	ALL		484650	3718100	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.81E-04
447	ALL		484675	3718100	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.01E-04
448	ALL		484700	3718100	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.31E-04
449	ALL		484500	3718125	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-03
450	ALL		484525	3718125	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-03

*HARP - HRACalc v19044 3/16/2020 10:13:20 AM - Chronic Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\ConstMitV2\hra\ConstMitChronicHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
451	ALL		484550	3718125	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-03
452	ALL		484575	3718125	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.82E-04
453	ALL		484600	3718125	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.92E-04
454	ALL		484625	3718125	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.09E-04
455	ALL		484650	3718125	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.33E-04
456	ALL		484675	3718125	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.65E-04
457	ALL		484700	3718125	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.04E-04
458	ALL		484500	3718150	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-03
459	ALL		484525	3718150	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03
460	ALL		484550	3718150	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.58E-04
461	ALL		484575	3718150	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.86E-04
462	ALL		484600	3718150	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.16E-04
463	ALL		484625	3718150	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.49E-04
464	ALL		484650	3718150	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.86E-04
465	ALL		484675	3718150	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.28E-04
466	ALL		484700	3718150	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.76E-04
467	ALL		484500	3718175	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.61E-04
468	ALL		484525	3718175	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.09E-04
469	ALL		484550	3718175	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.55E-04
470	ALL		484575	3718175	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.00E-04
471	ALL		484600	3718175	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.45E-04
472	ALL		484625	3718175	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.91E-04
473	ALL		484650	3718175	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.40E-04
474	ALL		484675	3718175	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.92E-04
475	ALL		484700	3718175	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.47E-04
476	ALL		484725	3718175	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.05E-04
477	ALL		484750	3718175	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.67E-04
478	ALL		484775	3718175	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.32E-04
479	ALL		484800	3718175	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-04
480	ALL		484825	3718175	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.71E-04
481	ALL		484850	3718175	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.44E-04
482	ALL		484875	3718175	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.21E-04
483	ALL		484500	3718200	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.45E-04
484	ALL		484525	3718200	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.07E-04
485	ALL		484550	3718200	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.66E-04
486	ALL		484575	3718200	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.24E-04
487	ALL		484600	3718200	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.81E-04
488	ALL		484625	3718200	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.38E-04
489	ALL		484650	3718200	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.96E-04
490	ALL		484675	3718200	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.55E-04
491	ALL		484700	3718200	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.17E-04
492	ALL		484725	3718200	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.81E-04
493	ALL		484750	3718200	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.48E-04
494	ALL		484775	3718200	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-04
495	ALL		484800	3718200	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.88E-04

*HARP - HRACalc v19044 3/16/2020 10:13:20 AM - Chronic Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\ConstMitV2\hra\ConstMitChronicHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
496	ALL		484825	3718200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.61E-04
497	ALL		484850	3718200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.37E-04
498	ALL		484875	3718200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.15E-04
499	ALL		484500	3718225	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.49E-04
500	ALL		484525	3718225	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.20E-04
501	ALL		484550	3718225	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.89E-04
502	ALL		484575	3718225	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.56E-04
503	ALL		484600	3718225	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.22E-04
504	ALL		484625	3718225	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.87E-04
505	ALL		484650	3718225	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.53E-04
506	ALL		484675	3718225	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.20E-04
507	ALL		484700	3718225	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.88E-04
508	ALL		484725	3718225	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.57E-04
509	ALL		484750	3718225	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.28E-04
510	ALL		484775	3718225	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-04
511	ALL		484800	3718225	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.74E-04
512	ALL		484825	3718225	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-04
513	ALL		484850	3718225	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.29E-04
514	ALL		484875	3718225	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.08E-04
515	ALL		484500	3718250	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.67E-04
516	ALL		484525	3718250	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.45E-04
517	ALL		484550	3718250	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.21E-04
518	ALL		484575	3718250	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.96E-04
519	ALL		484600	3718250	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.69E-04
520	ALL		484625	3718250	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.41E-04
521	ALL		484650	3718250	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.13E-04
522	ALL		484675	3718250	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.86E-04
523	ALL		484700	3718250	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.59E-04
524	ALL		484725	3718250	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E-04
525	ALL		484750	3718250	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.07E-04
526	ALL		484775	3718250	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.83E-04
527	ALL		484800	3718250	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-04
528	ALL		484825	3718250	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E-04
529	ALL		484850	3718250	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.19E-04
530	ALL		484875	3718250	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.01E-04
531	ALL		484500	3718275	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.97E-04
532	ALL		484525	3718275	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.81E-04
533	ALL		484550	3718275	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.62E-04
534	ALL		484575	3718275	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.42E-04
535	ALL		484600	3718275	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-04
536	ALL		484625	3718275	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.99E-04
537	ALL		484650	3718275	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.77E-04
538	ALL		484675	3718275	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.53E-04
539	ALL		484700	3718275	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.31E-04
540	ALL		484725	3718275	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.09E-04

*HARP - HRACalc v19044 3/16/2020 10:13:20 AM - Chronic Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\ConstMitV2\hra\ConstMitChronicHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
541	ALL		484750	3718275	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.87E-04
542	ALL		484775	3718275	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.66E-04
543	ALL		484800	3718275	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.46E-04
544	ALL		484825	3718275	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-04
545	ALL		484850	3718275	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-04
546	ALL		484875	3718275	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-04

*HARP - HRACalc v19044 3/16/2020 9:24:44 AM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\ConstUnmitV2\hra\ConstUnmit3rd_1.08yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_I	EGG_RISK
1	ALL		483500	3716600	4.77E-07	1.08YrCan	4.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2	ALL		483600	3716600	5.02E-07	1.08YrCan	5.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3	ALL		483700	3716600	5.30E-07	1.08YrCan	5.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4	ALL		483800	3716600	5.56E-07	1.08YrCan	5.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5	ALL		483900	3716600	5.79E-07	1.08YrCan	5.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6	ALL		484000	3716600	5.99E-07	1.08YrCan	5.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7	ALL		485000	3716600	5.50E-07	1.08YrCan	5.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8	ALL		485100	3716600	5.47E-07	1.08YrCan	5.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9	ALL		483500	3716700	5.16E-07	1.08YrCan	5.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10	ALL		483600	3716700	5.54E-07	1.08YrCan	5.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11	ALL		483700	3716700	5.88E-07	1.08YrCan	5.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12	ALL		483800	3716700	6.22E-07	1.08YrCan	6.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
13	ALL		483900	3716700	6.51E-07	1.08YrCan	6.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
14	ALL		484000	3716700	6.77E-07	1.08YrCan	6.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
15	ALL		485200	3716700	5.52E-07	1.08YrCan	5.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
16	ALL		485400	3716700	4.95E-07	1.08YrCan	4.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
17	ALL		485700	3716700	4.12E-07	1.08YrCan	4.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
18	ALL		483100	3716800	4.35E-07	1.08YrCan	4.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
19	ALL		483200	3716800	4.60E-07	1.08YrCan	4.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
20	ALL		483500	3716800	5.69E-07	1.08YrCan	5.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
21	ALL		483600	3716800	6.13E-07	1.08YrCan	6.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
22	ALL		483700	3716800	6.66E-07	1.08YrCan	6.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
23	ALL		483800	3716800	7.07E-07	1.08YrCan	7.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
24	ALL		483900	3716800	7.42E-07	1.08YrCan	7.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
25	ALL		484000	3716800	7.78E-07	1.08YrCan	7.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
26	ALL		483100	3716900	4.63E-07	1.08YrCan	4.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
27	ALL		483200	3716900	4.95E-07	1.08YrCan	4.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
28	ALL		485600	3716900	4.75E-07	1.08YrCan	4.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
29	ALL		483200	3717000	5.29E-07	1.08YrCan	5.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
30	ALL		483300	3717000	5.77E-07	1.08YrCan	5.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
31	ALL		485400	3717100	6.09E-07	1.08YrCan	6.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
32	ALL		485500	3717100	5.54E-07	1.08YrCan	5.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
33	ALL		485600	3717100	5.04E-07	1.08YrCan	5.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
34	ALL		485700	3717100	4.64E-07	1.08YrCan	4.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
35	ALL		483100	3717200	5.44E-07	1.08YrCan	5.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
36	ALL		483200	3717300	6.32E-07	1.08YrCan	6.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
37	ALL		483300	3717300	7.13E-07	1.08YrCan	7.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
38	ALL		483400	3717300	8.08E-07	1.08YrCan	8.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
39	ALL		483500	3717300	9.24E-07	1.08YrCan	9.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
40	ALL		483800	3717300	1.51E-06	1.08YrCan	1.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
41	ALL		483900	3717300	1.81E-06	1.08YrCan	1.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
42	ALL		484000	3717300	2.14E-06	1.08YrCan	2.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
43	ALL		484600	3717300	2.11E-06	1.08YrCan	2.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
44	ALL		484700	3717300	1.82E-06	1.08YrCan	1.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
45	ALL		483100	3717400	5.88E-07	1.08YrCan	5.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/16/2020 9:24:44 AM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\ConstUnmitV2\hra\ConstUnmit3rd_1.08yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_E	EGG_RISK
46	ALL		483200	3717400	6.62E-07	1.08YrCanc	6.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
47	ALL		483300	3717400	7.53E-07	1.08YrCanc	7.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
48	ALL		483400	3717400	8.67E-07	1.08YrCanc	8.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
49	ALL		483500	3717400	1.02E-06	1.08YrCanc	1.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
50	ALL		483800	3717400	1.85E-06	1.08YrCanc	1.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
51	ALL		483900	3717400	2.37E-06	1.08YrCanc	2.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
52	ALL		484000	3717400	2.94E-06	1.08YrCanc	2.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
53	ALL		484600	3717400	2.76E-06	1.08YrCanc	2.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
54	ALL		484700	3717400	2.27E-06	1.08YrCanc	2.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
55	ALL		484800	3717400	1.85E-06	1.08YrCanc	1.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
56	ALL		483100	3717500	6.10E-07	1.08YrCanc	6.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
57	ALL		483300	3717500	7.93E-07	1.08YrCanc	7.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
58	ALL		483400	3717500	9.29E-07	1.08YrCanc	9.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
59	ALL		483500	3717500	1.11E-06	1.08YrCanc	1.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
60	ALL		483600	3717500	1.36E-06	1.08YrCanc	1.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
61	ALL		484000	3717500	4.42E-06	1.08YrCanc	4.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
62	ALL		484600	3717500	3.70E-06	1.08YrCanc	3.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
63	ALL		484700	3717500	2.84E-06	1.08YrCanc	2.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
64	ALL		483600	3717600	1.50E-06	1.08YrCanc	1.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
65	ALL		484600	3717600	5.13E-06	1.08YrCanc	5.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
66	ALL		484700	3717600	3.54E-06	1.08YrCanc	3.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
67	ALL		484800	3717600	2.51E-06	1.08YrCanc	2.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
68	ALL		484600	3717700	7.39E-06	1.08YrCanc	7.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
69	ALL		484700	3717700	4.33E-06	1.08YrCanc	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
70	ALL		484800	3717700	2.85E-06	1.08YrCanc	2.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
71	ALL		483400	3717800	1.04E-06	1.08YrCanc	1.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
72	ALL		483500	3717800	1.29E-06	1.08YrCanc	1.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
73	ALL		483600	3717800	1.67E-06	1.08YrCanc	1.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
74	ALL		484600	3717800	1.06E-05	1.08YrCanc	1.06E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
75	ALL		484700	3717800	5.07E-06	1.08YrCanc	5.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
76	ALL		485300	3717800	8.54E-07	1.08YrCanc	8.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
77	ALL		483300	3717900	8.71E-07	1.08YrCanc	8.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
78	ALL		483400	3717900	1.04E-06	1.08YrCanc	1.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
79	ALL		483500	3717900	1.29E-06	1.08YrCanc	1.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
80	ALL		484600	3717900	1.19E-05	1.08YrCanc	1.19E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
81	ALL		484700	3717900	5.46E-06	1.08YrCanc	5.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
82	ALL		484800	3717900	3.25E-06	1.08YrCanc	3.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
83	ALL		485100	3717900	1.28E-06	1.08YrCanc	1.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
84	ALL		483300	3718000	8.60E-07	1.08YrCanc	8.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
85	ALL		483400	3718000	1.02E-06	1.08YrCanc	1.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
86	ALL		483500	3718000	1.26E-06	1.08YrCanc	1.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
87	ALL		483600	3718000	1.62E-06	1.08YrCanc	1.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
88	ALL		484600	3718000	9.83E-06	1.08YrCanc	9.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
89	ALL		484700	3718000	5.20E-06	1.08YrCanc	5.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
90	ALL		484800	3718000	3.25E-06	1.08YrCanc	3.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/16/2020 9:24:44 AM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\ConstUnmitV2\hra\ConstUnmit3rd_1.08yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_E	EGG_RISK
91	ALL		483100	3718100	6.30E-07	1.08YrCanc	6.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
92	ALL		483400	3718100	9.88E-07	1.08YrCanc	9.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
93	ALL		483600	3718100	1.53E-06	1.08YrCanc	1.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
94	ALL		484600	3718100	6.76E-06	1.08YrCanc	6.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
95	ALL		483900	3718200	3.20E-06	1.08YrCanc	3.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
96	ALL		484500	3718200	5.72E-06	1.08YrCanc	5.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
97	ALL		484600	3718200	4.59E-06	1.08YrCanc	4.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
98	ALL		484700	3718200	3.52E-06	1.08YrCanc	3.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
99	ALL		485400	3718200	7.65E-07	1.08YrCanc	7.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
100	ALL		485600	3718200	5.90E-07	1.08YrCanc	5.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
101	ALL		483100	3718300	5.04E-07	1.08YrCanc	5.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
102	ALL		483900	3718300	2.48E-06	1.08YrCanc	2.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
103	ALL		484000	3718300	3.04E-06	1.08YrCanc	3.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
104	ALL		484200	3718300	3.92E-06	1.08YrCanc	3.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
105	ALL		485300	3718300	8.81E-07	1.08YrCanc	8.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
106	ALL		485600	3718300	6.01E-07	1.08YrCanc	6.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
107	ALL		483400	3718400	8.10E-07	1.08YrCanc	8.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
108	ALL		485200	3718400	9.96E-07	1.08YrCanc	9.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
109	ALL		485200	3718500	9.40E-07	1.08YrCanc	9.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
110	ALL		484600	3718600	1.44E-06	1.08YrCanc	1.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
111	ALL		484800	3718600	1.28E-06	1.08YrCanc	1.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
112	ALL		485200	3718600	8.76E-07	1.08YrCanc	8.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
113	ALL		483700	3718700	9.12E-07	1.08YrCanc	9.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
114	ALL		483100	3718800	4.60E-07	1.08YrCanc	4.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
115	ALL		484000	3718800	9.20E-07	1.08YrCanc	9.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
116	ALL		484200	3718800	1.00E-06	1.08YrCanc	1.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
117	ALL		485400	3718800	6.37E-07	1.08YrCanc	6.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
118	ALL		483100	3718900	4.50E-07	1.08YrCanc	4.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
119	ALL		483200	3718900	4.77E-07	1.08YrCanc	4.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
120	ALL		483100	3719000	4.30E-07	1.08YrCanc	4.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
121	ALL		483200	3719000	4.62E-07	1.08YrCanc	4.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
122	ALL		483300	3719000	4.86E-07	1.08YrCanc	4.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
123	ALL		483400	3719000	5.09E-07	1.08YrCanc	5.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
124	ALL		483500	3719000	5.35E-07	1.08YrCanc	5.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
125	ALL		483100	3719100	4.08E-07	1.08YrCanc	4.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
126	ALL		483200	3719100	4.36E-07	1.08YrCanc	4.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
127	ALL		483300	3719100	4.61E-07	1.08YrCanc	4.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
128	ALL		483400	3719100	4.81E-07	1.08YrCanc	4.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
129	ALL		483500	3719100	4.98E-07	1.08YrCanc	4.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
130	ALL		483700	3719100	5.02E-07	1.08YrCanc	5.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
131	ALL		484900	3719100	6.21E-07	1.08YrCanc	6.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
132	ALL		485000	3719100	6.06E-07	1.08YrCanc	6.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
133	ALL		485100	3719100	5.86E-07	1.08YrCanc	5.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
134	ALL		485200	3719100	5.67E-07	1.08YrCanc	5.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
135	ALL		485300	3719100	5.45E-07	1.08YrCanc	5.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/16/2020 9:24:44 AM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\ConstUnmitV2\hra\ConstUnmit3rd_1.08yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_E	EGG_RISK
136	ALL		485400	3719100	5.19E-07	1.08YrCanc	5.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
137	ALL		485500	3719100	4.95E-07	1.08YrCanc	4.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
138	ALL		485600	3719100	4.71E-07	1.08YrCanc	4.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
139	ALL		485700	3719100	4.49E-07	1.08YrCanc	4.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
140	ALL		484200	3719200	5.92E-07	1.08YrCanc	5.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
141	ALL		484500	3719200	5.92E-07	1.08YrCanc	5.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
142	ALL		484800	3719200	5.73E-07	1.08YrCanc	5.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
143	ALL		484900	3719200	5.62E-07	1.08YrCanc	5.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
144	ALL		485000	3719200	5.50E-07	1.08YrCanc	5.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
145	ALL		485100	3719200	5.35E-07	1.08YrCanc	5.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
146	ALL		485200	3719200	5.23E-07	1.08YrCanc	5.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
147	ALL		485300	3719200	5.05E-07	1.08YrCanc	5.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
148	ALL		485400	3719200	4.85E-07	1.08YrCanc	4.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
149	ALL		485500	3719200	4.66E-07	1.08YrCanc	4.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
150	ALL		485600	3719200	4.48E-07	1.08YrCanc	4.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
151	ALL		485700	3719200	4.29E-07	1.08YrCanc	4.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
152	ALL		484525	3717600	6.79E-06	1.08YrCanc	6.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
153	ALL		484550	3717600	6.19E-06	1.08YrCanc	6.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
154	ALL		484575	3717600	5.64E-06	1.08YrCanc	5.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
155	ALL		484600	3717600	5.13E-06	1.08YrCanc	5.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
156	ALL		484625	3717600	4.67E-06	1.08YrCanc	4.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
157	ALL		484650	3717600	4.25E-06	1.08YrCanc	4.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
158	ALL		484675	3717600	3.88E-06	1.08YrCanc	3.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
159	ALL		484700	3717600	3.54E-06	1.08YrCanc	3.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
160	ALL		484725	3717600	3.24E-06	1.08YrCanc	3.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
161	ALL		484750	3717600	2.97E-06	1.08YrCanc	2.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
162	ALL		484775	3717600	2.73E-06	1.08YrCanc	2.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
163	ALL		484800	3717600	2.51E-06	1.08YrCanc	2.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
164	ALL		484825	3717600	2.32E-06	1.08YrCanc	2.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
165	ALL		484850	3717600	2.15E-06	1.08YrCanc	2.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
166	ALL		484875	3717600	2.00E-06	1.08YrCanc	2.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
167	ALL		484525	3717625	7.64E-06	1.08YrCanc	7.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
168	ALL		484550	3717625	6.90E-06	1.08YrCanc	6.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
169	ALL		484575	3717625	6.22E-06	1.08YrCanc	6.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
170	ALL		484600	3717625	5.60E-06	1.08YrCanc	5.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
171	ALL		484625	3717625	5.05E-06	1.08YrCanc	5.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
172	ALL		484650	3717625	4.55E-06	1.08YrCanc	4.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
173	ALL		484675	3717625	4.12E-06	1.08YrCanc	4.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
174	ALL		484700	3717625	3.73E-06	1.08YrCanc	3.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
175	ALL		484725	3717625	3.39E-06	1.08YrCanc	3.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
176	ALL		484750	3717625	3.09E-06	1.08YrCanc	3.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
177	ALL		484775	3717625	2.83E-06	1.08YrCanc	2.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
178	ALL		484800	3717625	2.60E-06	1.08YrCanc	2.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
179	ALL		484825	3717625	2.39E-06	1.08YrCanc	2.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
180	ALL		484850	3717625	2.21E-06	1.08YrCanc	2.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/16/2020 9:24:44 AM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\ConstUnmitV2\hra\ConstUnmit3rd_1.08yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
181	ALL		484875	3717625	2.05E-06	1.08YrCanc	2.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
182	ALL		484525	3717650	8.70E-06	1.08YrCanc	8.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
183	ALL		484550	3717650	7.74E-06	1.08YrCanc	7.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
184	ALL		484575	3717650	6.89E-06	1.08YrCanc	6.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
185	ALL		484600	3717650	6.13E-06	1.08YrCanc	6.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
186	ALL		484625	3717650	5.46E-06	1.08YrCanc	5.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
187	ALL		484650	3717650	4.88E-06	1.08YrCanc	4.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
188	ALL		484675	3717650	4.37E-06	1.08YrCanc	4.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
189	ALL		484700	3717650	3.93E-06	1.08YrCanc	3.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
190	ALL		484725	3717650	3.55E-06	1.08YrCanc	3.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
191	ALL		484750	3717650	3.22E-06	1.08YrCanc	3.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
192	ALL		484775	3717650	2.93E-06	1.08YrCanc	2.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
193	ALL		484800	3717650	2.68E-06	1.08YrCanc	2.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
194	ALL		484825	3717650	2.46E-06	1.08YrCanc	2.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
195	ALL		484850	3717650	2.27E-06	1.08YrCanc	2.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
196	ALL		484875	3717650	2.09E-06	1.08YrCanc	2.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
197	ALL		484525	3717675	1.00E-05	1.08YrCanc	1.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
198	ALL		484550	3717675	8.77E-06	1.08YrCanc	8.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
199	ALL		484575	3717675	7.68E-06	1.08YrCanc	7.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
200	ALL		484600	3717675	6.73E-06	1.08YrCanc	6.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
201	ALL		484625	3717675	5.91E-06	1.08YrCanc	5.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
202	ALL		484650	3717675	5.22E-06	1.08YrCanc	5.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
203	ALL		484675	3717675	4.63E-06	1.08YrCanc	4.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
204	ALL		484700	3717675	4.13E-06	1.08YrCanc	4.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
205	ALL		484725	3717675	3.71E-06	1.08YrCanc	3.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
206	ALL		484750	3717675	3.35E-06	1.08YrCanc	3.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
207	ALL		484775	3717675	3.04E-06	1.08YrCanc	3.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
208	ALL		484800	3717675	2.77E-06	1.08YrCanc	2.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
209	ALL		484825	3717675	2.54E-06	1.08YrCanc	2.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
210	ALL		484850	3717675	2.32E-06	1.08YrCanc	2.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
211	ALL		484875	3717675	2.14E-06	1.08YrCanc	2.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
212	ALL		484525	3717700	1.18E-05	1.08YrCanc	1.18E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
213	ALL		484550	3717700	1.01E-05	1.08YrCanc	1.01E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
214	ALL		484575	3717700	8.60E-06	1.08YrCanc	8.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
215	ALL		484600	3717700	7.39E-06	1.08YrCanc	7.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
216	ALL		484625	3717700	6.39E-06	1.08YrCanc	6.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
217	ALL		484650	3717700	5.57E-06	1.08YrCanc	5.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
218	ALL		484675	3717700	4.90E-06	1.08YrCanc	4.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
219	ALL		484700	3717700	4.33E-06	1.08YrCanc	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
220	ALL		484725	3717700	3.86E-06	1.08YrCanc	3.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
221	ALL		484750	3717700	3.47E-06	1.08YrCanc	3.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
222	ALL		484775	3717700	3.13E-06	1.08YrCanc	3.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
223	ALL		484800	3717700	2.85E-06	1.08YrCanc	2.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
224	ALL		484825	3717700	2.60E-06	1.08YrCanc	2.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
225	ALL		484850	3717700	2.38E-06	1.08YrCanc	2.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/16/2020 9:24:44 AM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\ConstUnmitV2\hra\ConstUnmit3rd_1.08yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
226	ALL		484875	3717700	2.18E-06	1.08YrCanc	2.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
227	ALL		484525	3717725	1.42E-05	1.08YrCanc	1.42E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
228	ALL		484550	3717725	1.17E-05	1.08YrCanc	1.17E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
229	ALL		484575	3717725	9.70E-06	1.08YrCanc	9.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
230	ALL		484600	3717725	8.14E-06	1.08YrCanc	8.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
231	ALL		484625	3717725	6.91E-06	1.08YrCanc	6.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
232	ALL		484650	3717725	5.94E-06	1.08YrCanc	5.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
233	ALL		484675	3717725	5.16E-06	1.08YrCanc	5.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
234	ALL		484700	3717725	4.53E-06	1.08YrCanc	4.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
235	ALL		484725	3717725	4.01E-06	1.08YrCanc	4.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
236	ALL		484750	3717725	3.58E-06	1.08YrCanc	3.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
237	ALL		484775	3717725	3.22E-06	1.08YrCanc	3.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
238	ALL		484800	3717725	2.91E-06	1.08YrCanc	2.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
239	ALL		484825	3717725	2.65E-06	1.08YrCanc	2.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
240	ALL		484850	3717725	2.42E-06	1.08YrCanc	2.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
241	ALL		484875	3717725	2.22E-06	1.08YrCanc	2.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
242	ALL		484525	3717750	1.80E-05	1.08YrCanc	1.80E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
243	ALL		484550	3717750	1.38E-05	1.08YrCanc	1.38E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
244	ALL		484575	3717750	1.10E-05	1.08YrCanc	1.10E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
245	ALL		484600	3717750	8.95E-06	1.08YrCanc	8.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
246	ALL		484625	3717750	7.45E-06	1.08YrCanc	7.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
247	ALL		484650	3717750	6.31E-06	1.08YrCanc	6.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
248	ALL		484675	3717750	5.42E-06	1.08YrCanc	5.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
249	ALL		484700	3717750	4.72E-06	1.08YrCanc	4.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
250	ALL		484725	3717750	4.15E-06	1.08YrCanc	4.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
251	ALL		484750	3717750	3.69E-06	1.08YrCanc	3.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
252	ALL		484775	3717750	3.30E-06	1.08YrCanc	3.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
253	ALL		484800	3717750	2.97E-06	1.08YrCanc	2.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
254	ALL		484825	3717750	2.69E-06	1.08YrCanc	2.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
255	ALL		484850	3717750	2.45E-06	1.08YrCanc	2.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
256	ALL		484875	3717750	2.25E-06	1.08YrCanc	2.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
257	ALL		484525	3717775	2.39E-05	1.08YrCanc	2.39E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
258	ALL		484550	3717775	1.65E-05	1.08YrCanc	1.65E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
259	ALL		484575	3717775	1.24E-05	1.08YrCanc	1.24E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
260	ALL		484600	3717775	9.80E-06	1.08YrCanc	9.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
261	ALL		484625	3717775	7.99E-06	1.08YrCanc	7.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
262	ALL		484650	3717775	6.67E-06	1.08YrCanc	6.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
263	ALL		484675	3717775	5.67E-06	1.08YrCanc	5.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
264	ALL		484700	3717775	4.90E-06	1.08YrCanc	4.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
265	ALL		484725	3717775	4.28E-06	1.08YrCanc	4.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
266	ALL		484750	3717775	3.79E-06	1.08YrCanc	3.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
267	ALL		484775	3717775	3.37E-06	1.08YrCanc	3.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
268	ALL		484800	3717775	3.03E-06	1.08YrCanc	3.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
269	ALL		484825	3717775	2.73E-06	1.08YrCanc	2.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
270	ALL		484850	3717775	2.49E-06	1.08YrCanc	2.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/16/2020 9:24:44 AM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\ConstUnmitV2\hra\ConstUnmit3rd_1.08yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_E	EGG_RISK
271	ALL		484875	3717775	2.28E-06	1.08YrCanc	2.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
272	ALL		484525	3717800	3.11E-05	1.08YrCanc	3.11E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
273	ALL		484550	3717800	1.92E-05	1.08YrCanc	1.92E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
274	ALL		484575	3717800	1.38E-05	1.08YrCanc	1.38E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
275	ALL		484600	3717800	1.06E-05	1.08YrCanc	1.06E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
276	ALL		484625	3717800	8.49E-06	1.08YrCanc	8.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
277	ALL		484650	3717800	7.00E-06	1.08YrCanc	7.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
278	ALL		484675	3717800	5.91E-06	1.08YrCanc	5.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
279	ALL		484700	3717800	5.07E-06	1.08YrCanc	5.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
280	ALL		484725	3717800	4.41E-06	1.08YrCanc	4.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
281	ALL		484750	3717800	3.88E-06	1.08YrCanc	3.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
282	ALL		484775	3717800	3.45E-06	1.08YrCanc	3.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
283	ALL		484800	3717800	3.09E-06	1.08YrCanc	3.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
284	ALL		484825	3717800	2.78E-06	1.08YrCanc	2.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
285	ALL		484850	3717800	2.52E-06	1.08YrCanc	2.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
286	ALL		484875	3717800	2.31E-06	1.08YrCanc	2.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
287	ALL		484525	3717825	3.46E-05	1.08YrCanc	3.46E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
288	ALL		484550	3717825	2.12E-05	1.08YrCanc	2.12E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
289	ALL		484575	3717825	1.49E-05	1.08YrCanc	1.49E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
290	ALL		484600	3717825	1.13E-05	1.08YrCanc	1.13E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
291	ALL		484625	3717825	8.92E-06	1.08YrCanc	8.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
292	ALL		484650	3717825	7.29E-06	1.08YrCanc	7.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
293	ALL		484675	3717825	6.10E-06	1.08YrCanc	6.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
294	ALL		484700	3717825	5.21E-06	1.08YrCanc	5.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
295	ALL		484725	3717825	4.52E-06	1.08YrCanc	4.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
296	ALL		484750	3717825	3.96E-06	1.08YrCanc	3.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
297	ALL		484775	3717825	3.51E-06	1.08YrCanc	3.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
298	ALL		484800	3717825	3.14E-06	1.08YrCanc	3.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
299	ALL		484825	3717825	2.83E-06	1.08YrCanc	2.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
300	ALL		484850	3717825	2.56E-06	1.08YrCanc	2.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
301	ALL		484875	3717825	2.34E-06	1.08YrCanc	2.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
302	ALL		484525	3717850	3.62E-05	1.08YrCanc	3.62E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
303	ALL		484550	3717850	2.23E-05	1.08YrCanc	2.23E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
304	ALL		484575	3717850	1.56E-05	1.08YrCanc	1.56E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
305	ALL		484600	3717850	1.18E-05	1.08YrCanc	1.18E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
306	ALL		484625	3717850	9.24E-06	1.08YrCanc	9.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
307	ALL		484650	3717850	7.51E-06	1.08YrCanc	7.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
308	ALL		484675	3717850	6.26E-06	1.08YrCanc	6.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
309	ALL		484700	3717850	5.33E-06	1.08YrCanc	5.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
310	ALL		484725	3717850	4.61E-06	1.08YrCanc	4.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
311	ALL		484750	3717850	4.03E-06	1.08YrCanc	4.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
312	ALL		484775	3717850	3.57E-06	1.08YrCanc	3.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
313	ALL		484800	3717850	3.18E-06	1.08YrCanc	3.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
314	ALL		484825	3717850	2.86E-06	1.08YrCanc	2.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
315	ALL		484850	3717850	2.60E-06	1.08YrCanc	2.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/16/2020 9:24:44 AM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\ConstUnmitV2\hra\ConstUnmit3rd_1.08yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_I	EGG_RISK
316	ALL		484875	3717850	2.37E-06	1.08YrCan	2.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
317	ALL		484525	3717875	3.59E-05	1.08YrCan	3.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
318	ALL		484550	3717875	2.26E-05	1.08YrCan	2.26E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
319	ALL		484575	3717875	1.59E-05	1.08YrCan	1.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
320	ALL		484600	3717875	1.20E-05	1.08YrCan	1.20E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
321	ALL		484625	3717875	9.42E-06	1.08YrCan	9.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
322	ALL		484650	3717875	7.65E-06	1.08YrCan	7.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
323	ALL		484675	3717875	6.37E-06	1.08YrCan	6.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
324	ALL		484700	3717875	5.41E-06	1.08YrCan	5.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
325	ALL		484725	3717875	4.67E-06	1.08YrCan	4.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
326	ALL		484750	3717875	4.08E-06	1.08YrCan	4.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
327	ALL		484775	3717875	3.61E-06	1.08YrCan	3.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
328	ALL		484800	3717875	3.22E-06	1.08YrCan	3.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
329	ALL		484825	3717875	2.90E-06	1.08YrCan	2.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
330	ALL		484850	3717875	2.62E-06	1.08YrCan	2.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
331	ALL		484875	3717875	2.39E-06	1.08YrCan	2.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
332	ALL		484525	3717900	3.48E-05	1.08YrCan	3.48E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
333	ALL		484550	3717900	2.21E-05	1.08YrCan	2.21E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
334	ALL		484575	3717900	1.57E-05	1.08YrCan	1.57E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
335	ALL		484600	3717900	1.19E-05	1.08YrCan	1.19E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
336	ALL		484625	3717900	9.43E-06	1.08YrCan	9.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
337	ALL		484650	3717900	7.69E-06	1.08YrCan	7.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
338	ALL		484675	3717900	6.41E-06	1.08YrCan	6.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
339	ALL		484700	3717900	5.46E-06	1.08YrCan	5.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
340	ALL		484725	3717900	4.71E-06	1.08YrCan	4.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
341	ALL		484750	3717900	4.12E-06	1.08YrCan	4.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
342	ALL		484775	3717900	3.64E-06	1.08YrCan	3.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
343	ALL		484800	3717900	3.25E-06	1.08YrCan	3.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
344	ALL		484825	3717900	2.92E-06	1.08YrCan	2.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
345	ALL		484850	3717900	2.65E-06	1.08YrCan	2.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
346	ALL		484875	3717900	2.41E-06	1.08YrCan	2.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
347	ALL		484525	3717925	3.23E-05	1.08YrCan	3.23E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
348	ALL		484550	3717925	2.10E-05	1.08YrCan	2.10E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
349	ALL		484575	3717925	1.52E-05	1.08YrCan	1.52E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
350	ALL		484600	3717925	1.17E-05	1.08YrCan	1.17E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
351	ALL		484625	3717925	9.31E-06	1.08YrCan	9.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
352	ALL		484650	3717925	7.63E-06	1.08YrCan	7.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
353	ALL		484675	3717925	6.39E-06	1.08YrCan	6.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
354	ALL		484700	3717925	5.45E-06	1.08YrCan	5.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
355	ALL		484725	3717925	4.72E-06	1.08YrCan	4.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
356	ALL		484750	3717925	4.13E-06	1.08YrCan	4.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
357	ALL		484775	3717925	3.66E-06	1.08YrCan	3.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
358	ALL		484800	3717925	3.27E-06	1.08YrCan	3.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
359	ALL		484825	3717925	2.94E-06	1.08YrCan	2.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
360	ALL		484850	3717925	2.66E-06	1.08YrCan	2.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/16/2020 9:24:44 AM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\ConstUnmitV2\hra\ConstUnmit3rd_1.08yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
361	ALL		484875	3717925	2.43E-06	1.08YrCanc	2.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
362	ALL		484525	3717950	2.88E-05	1.08YrCanc	2.88E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
363	ALL		484550	3717950	1.94E-05	1.08YrCanc	1.94E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
364	ALL		484575	3717950	1.43E-05	1.08YrCanc	1.43E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
365	ALL		484600	3717950	1.12E-05	1.08YrCanc	1.12E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
366	ALL		484625	3717950	9.04E-06	1.08YrCanc	9.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
367	ALL		484650	3717950	7.48E-06	1.08YrCanc	7.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
368	ALL		484675	3717950	6.31E-06	1.08YrCanc	6.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
369	ALL		484700	3717950	5.41E-06	1.08YrCanc	5.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
370	ALL		484725	3717950	4.70E-06	1.08YrCanc	4.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
371	ALL		484750	3717950	4.13E-06	1.08YrCanc	4.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
372	ALL		484775	3717950	3.66E-06	1.08YrCanc	3.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
373	ALL		484800	3717950	3.27E-06	1.08YrCanc	3.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
374	ALL		484825	3717950	2.95E-06	1.08YrCanc	2.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
375	ALL		484850	3717950	2.67E-06	1.08YrCanc	2.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
376	ALL		484875	3717950	2.44E-06	1.08YrCanc	2.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
377	ALL		484525	3717975	2.41E-05	1.08YrCanc	2.41E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
378	ALL		484550	3717975	1.73E-05	1.08YrCanc	1.73E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
379	ALL		484575	3717975	1.32E-05	1.08YrCanc	1.32E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
380	ALL		484600	3717975	1.06E-05	1.08YrCanc	1.06E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
381	ALL		484625	3717975	8.67E-06	1.08YrCanc	8.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
382	ALL		484650	3717975	7.26E-06	1.08YrCanc	7.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
383	ALL		484675	3717975	6.17E-06	1.08YrCanc	6.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
384	ALL		484700	3717975	5.33E-06	1.08YrCanc	5.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
385	ALL		484725	3717975	4.65E-06	1.08YrCanc	4.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
386	ALL		484750	3717975	4.10E-06	1.08YrCanc	4.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
387	ALL		484775	3717975	3.64E-06	1.08YrCanc	3.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
388	ALL		484800	3717975	3.27E-06	1.08YrCanc	3.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
389	ALL		484825	3717975	2.95E-06	1.08YrCanc	2.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
390	ALL		484850	3717975	2.68E-06	1.08YrCanc	2.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
391	ALL		484875	3717975	2.44E-06	1.08YrCanc	2.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
392	ALL		484525	3718000	1.94E-05	1.08YrCanc	1.94E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
393	ALL		484550	3718000	1.50E-05	1.08YrCanc	1.50E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
394	ALL		484575	3718000	1.20E-05	1.08YrCanc	1.20E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
395	ALL		484600	3718000	9.83E-06	1.08YrCanc	9.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
396	ALL		484625	3718000	8.21E-06	1.08YrCanc	8.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
397	ALL		484650	3718000	6.96E-06	1.08YrCanc	6.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
398	ALL		484675	3718000	5.98E-06	1.08YrCanc	5.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
399	ALL		484700	3718000	5.20E-06	1.08YrCanc	5.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
400	ALL		484725	3718000	4.57E-06	1.08YrCanc	4.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
401	ALL		484750	3718000	4.05E-06	1.08YrCanc	4.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
402	ALL		484775	3718000	3.61E-06	1.08YrCanc	3.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
403	ALL		484800	3718000	3.25E-06	1.08YrCanc	3.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
404	ALL		484825	3718000	2.94E-06	1.08YrCanc	2.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
405	ALL		484850	3718000	2.67E-06	1.08YrCanc	2.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/16/2020 9:24:44 AM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\ConstUnmitV2\hra\ConstUnmit3rd_1.08yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
406	ALL		484875	3718000	2.44E-06	1.08YrCan	2.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
407	ALL		484525	3718025	1.57E-05	1.08YrCan	1.57E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
408	ALL		484550	3718025	1.29E-05	1.08YrCan	1.29E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
409	ALL		484575	3718025	1.07E-05	1.08YrCan	1.07E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
410	ALL		484600	3718025	9.03E-06	1.08YrCan	9.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
411	ALL		484625	3718025	7.69E-06	1.08YrCan	7.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
412	ALL		484650	3718025	6.61E-06	1.08YrCan	6.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
413	ALL		484675	3718025	5.75E-06	1.08YrCan	5.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
414	ALL		484700	3718025	5.04E-06	1.08YrCan	5.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
415	ALL		484725	3718025	4.46E-06	1.08YrCan	4.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
416	ALL		484750	3718025	3.97E-06	1.08YrCan	3.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
417	ALL		484775	3718025	3.56E-06	1.08YrCan	3.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
418	ALL		484800	3718025	3.21E-06	1.08YrCan	3.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
419	ALL		484825	3718025	2.91E-06	1.08YrCan	2.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
420	ALL		484850	3718025	2.66E-06	1.08YrCan	2.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
421	ALL		484875	3718025	2.43E-06	1.08YrCan	2.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
422	ALL		484500	3718050	1.50E-05	1.08YrCan	1.50E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
423	ALL		484525	3718050	1.29E-05	1.08YrCan	1.29E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
424	ALL		484550	3718050	1.11E-05	1.08YrCan	1.11E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
425	ALL		484575	3718050	9.55E-06	1.08YrCan	9.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
426	ALL		484600	3718050	8.23E-06	1.08YrCan	8.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
427	ALL		484625	3718050	7.14E-06	1.08YrCan	7.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
428	ALL		484650	3718050	6.23E-06	1.08YrCan	6.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
429	ALL		484675	3718050	5.48E-06	1.08YrCan	5.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
430	ALL		484700	3718050	4.86E-06	1.08YrCan	4.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
431	ALL		484500	3718075	1.22E-05	1.08YrCan	1.22E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
432	ALL		484525	3718075	1.09E-05	1.08YrCan	1.09E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
433	ALL		484550	3718075	9.61E-06	1.08YrCan	9.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
434	ALL		484575	3718075	8.48E-06	1.08YrCan	8.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
435	ALL		484600	3718075	7.46E-06	1.08YrCan	7.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
436	ALL		484625	3718075	6.59E-06	1.08YrCan	6.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
437	ALL		484650	3718075	5.84E-06	1.08YrCan	5.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
438	ALL		484675	3718075	5.19E-06	1.08YrCan	5.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
439	ALL		484700	3718075	4.64E-06	1.08YrCan	4.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
440	ALL		484500	3718100	1.02E-05	1.08YrCan	1.02E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
441	ALL		484525	3718100	9.25E-06	1.08YrCan	9.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
442	ALL		484550	3718100	8.37E-06	1.08YrCan	8.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
443	ALL		484575	3718100	7.53E-06	1.08YrCan	7.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
444	ALL		484600	3718100	6.76E-06	1.08YrCan	6.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
445	ALL		484625	3718100	6.06E-06	1.08YrCan	6.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
446	ALL		484650	3718100	5.44E-06	1.08YrCan	5.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
447	ALL		484675	3718100	4.90E-06	1.08YrCan	4.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
448	ALL		484700	3718100	4.42E-06	1.08YrCan	4.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
449	ALL		484500	3718125	8.64E-06	1.08YrCan	8.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
450	ALL		484525	3718125	7.99E-06	1.08YrCan	7.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/16/2020 9:24:44 AM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\ConstUnmitV2\hra\ConstUnmit3rd_1.08yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
451	ALL		484550	3718125	7.34E-06	1.08YrCan	7.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
452	ALL		484575	3718125	6.72E-06	1.08YrCan	6.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
453	ALL		484600	3718125	6.12E-06	1.08YrCan	6.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
454	ALL		484625	3718125	5.57E-06	1.08YrCan	5.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
455	ALL		484650	3718125	5.06E-06	1.08YrCan	5.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
456	ALL		484675	3718125	4.60E-06	1.08YrCan	4.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
457	ALL		484700	3718125	4.19E-06	1.08YrCan	4.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
458	ALL		484500	3718150	7.45E-06	1.08YrCan	7.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
459	ALL		484525	3718150	6.98E-06	1.08YrCan	6.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
460	ALL		484550	3718150	6.49E-06	1.08YrCan	6.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
461	ALL		484575	3718150	6.02E-06	1.08YrCan	6.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
462	ALL		484600	3718150	5.55E-06	1.08YrCan	5.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
463	ALL		484625	3718150	5.11E-06	1.08YrCan	5.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
464	ALL		484650	3718150	4.69E-06	1.08YrCan	4.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
465	ALL		484675	3718150	4.31E-06	1.08YrCan	4.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
466	ALL		484700	3718150	3.96E-06	1.08YrCan	3.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
467	ALL		484500	3718175	6.50E-06	1.08YrCan	6.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
468	ALL		484525	3718175	6.14E-06	1.08YrCan	6.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
469	ALL		484550	3718175	5.78E-06	1.08YrCan	5.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
470	ALL		484575	3718175	5.41E-06	1.08YrCan	5.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
471	ALL		484600	3718175	5.04E-06	1.08YrCan	5.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
472	ALL		484625	3718175	4.69E-06	1.08YrCan	4.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
473	ALL		484650	3718175	4.35E-06	1.08YrCan	4.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
474	ALL		484675	3718175	4.03E-06	1.08YrCan	4.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
475	ALL		484700	3718175	3.74E-06	1.08YrCan	3.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
476	ALL		484725	3718175	3.46E-06	1.08YrCan	3.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
477	ALL		484750	3718175	3.21E-06	1.08YrCan	3.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
478	ALL		484775	3718175	2.98E-06	1.08YrCan	2.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
479	ALL		484800	3718175	2.76E-06	1.08YrCan	2.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
480	ALL		484825	3718175	2.57E-06	1.08YrCan	2.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
481	ALL		484850	3718175	2.39E-06	1.08YrCan	2.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
482	ALL		484875	3718175	2.23E-06	1.08YrCan	2.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
483	ALL		484500	3718200	5.72E-06	1.08YrCan	5.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
484	ALL		484525	3718200	5.45E-06	1.08YrCan	5.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
485	ALL		484550	3718200	5.17E-06	1.08YrCan	5.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
486	ALL		484575	3718200	4.88E-06	1.08YrCan	4.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
487	ALL		484600	3718200	4.59E-06	1.08YrCan	4.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
488	ALL		484625	3718200	4.31E-06	1.08YrCan	4.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
489	ALL		484650	3718200	4.03E-06	1.08YrCan	4.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
490	ALL		484675	3718200	3.77E-06	1.08YrCan	3.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
491	ALL		484700	3718200	3.52E-06	1.08YrCan	3.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
492	ALL		484725	3718200	3.28E-06	1.08YrCan	3.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
493	ALL		484750	3718200	3.06E-06	1.08YrCan	3.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
494	ALL		484775	3718200	2.85E-06	1.08YrCan	2.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
495	ALL		484800	3718200	2.66E-06	1.08YrCan	2.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/16/2020 9:24:44 AM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\ConstUnmitV2\hra\ConstUnmit3rd_1.08yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
496	ALL		484825	3718200	2.49E-06	1.08YrCanc	2.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
497	ALL		484850	3718200	2.33E-06	1.08YrCanc	2.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
498	ALL		484875	3718200	2.18E-06	1.08YrCanc	2.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
499	ALL		484500	3718225	5.08E-06	1.08YrCanc	5.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
500	ALL		484525	3718225	4.87E-06	1.08YrCanc	4.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
501	ALL		484550	3718225	4.65E-06	1.08YrCanc	4.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
502	ALL		484575	3718225	4.42E-06	1.08YrCanc	4.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
503	ALL		484600	3718225	4.19E-06	1.08YrCanc	4.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
504	ALL		484625	3718225	3.96E-06	1.08YrCanc	3.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
505	ALL		484650	3718225	3.73E-06	1.08YrCanc	3.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
506	ALL		484675	3718225	3.51E-06	1.08YrCanc	3.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
507	ALL		484700	3718225	3.30E-06	1.08YrCanc	3.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
508	ALL		484725	3718225	3.10E-06	1.08YrCanc	3.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
509	ALL		484750	3718225	2.91E-06	1.08YrCanc	2.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
510	ALL		484775	3718225	2.73E-06	1.08YrCanc	2.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
511	ALL		484800	3718225	2.56E-06	1.08YrCanc	2.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
512	ALL		484825	3718225	2.40E-06	1.08YrCanc	2.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
513	ALL		484850	3718225	2.26E-06	1.08YrCanc	2.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
514	ALL		484875	3718225	2.12E-06	1.08YrCanc	2.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
515	ALL		484500	3718250	4.53E-06	1.08YrCanc	4.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
516	ALL		484525	3718250	4.37E-06	1.08YrCanc	4.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
517	ALL		484550	3718250	4.20E-06	1.08YrCanc	4.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
518	ALL		484575	3718250	4.02E-06	1.08YrCanc	4.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
519	ALL		484600	3718250	3.84E-06	1.08YrCanc	3.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
520	ALL		484625	3718250	3.65E-06	1.08YrCanc	3.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
521	ALL		484650	3718250	3.46E-06	1.08YrCanc	3.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
522	ALL		484675	3718250	3.28E-06	1.08YrCanc	3.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
523	ALL		484700	3718250	3.10E-06	1.08YrCanc	3.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
524	ALL		484725	3718250	2.93E-06	1.08YrCanc	2.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
525	ALL		484750	3718250	2.76E-06	1.08YrCanc	2.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
526	ALL		484775	3718250	2.60E-06	1.08YrCanc	2.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
527	ALL		484800	3718250	2.46E-06	1.08YrCanc	2.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
528	ALL		484825	3718250	2.32E-06	1.08YrCanc	2.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
529	ALL		484850	3718250	2.18E-06	1.08YrCanc	2.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
530	ALL		484875	3718250	2.06E-06	1.08YrCanc	2.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
531	ALL		484500	3718275	4.07E-06	1.08YrCanc	4.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
532	ALL		484525	3718275	3.95E-06	1.08YrCanc	3.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
533	ALL		484550	3718275	3.81E-06	1.08YrCanc	3.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
534	ALL		484575	3718275	3.67E-06	1.08YrCanc	3.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
535	ALL		484600	3718275	3.52E-06	1.08YrCanc	3.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
536	ALL		484625	3718275	3.37E-06	1.08YrCanc	3.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
537	ALL		484650	3718275	3.21E-06	1.08YrCanc	3.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
538	ALL		484675	3718275	3.06E-06	1.08YrCanc	3.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
539	ALL		484700	3718275	2.91E-06	1.08YrCanc	2.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
540	ALL		484725	3718275	2.76E-06	1.08YrCanc	2.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/16/2020 9:24:44 AM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\ConstUnmitV2\hra\ConstUnmit3rd_1.08yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_I	EGG_RISK
541	ALL		484750	3718275	2.62E-06	1.08YrCan	2.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
542	ALL		484775	3718275	2.48E-06	1.08YrCan	2.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
543	ALL		484800	3718275	2.35E-06	1.08YrCan	2.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
544	ALL		484825	3718275	2.22E-06	1.08YrCan	2.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
545	ALL		484850	3718275	2.11E-06	1.08YrCan	2.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
546	ALL		484875	3718275	2.00E-06	1.08YrCan	2.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/16/2020 9:26:03 AM - Chronic Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\ConstUnmitV2\hra\ConstUnmitChronicHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1	ALL		483500	3716600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.99E-04
2	ALL		483600	3716600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.26E-04
3	ALL		483700	3716600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.55E-04
4	ALL		483800	3716600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.82E-04
5	ALL		483900	3716600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.07E-04
6	ALL		484000	3716600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.27E-04
7	ALL		485000	3716600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.76E-04
8	ALL		485100	3716600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.72E-04
9	ALL		483500	3716700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.40E-04
10	ALL		483600	3716700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.80E-04
11	ALL		483700	3716700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.15E-04
12	ALL		483800	3716700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.52E-04
13	ALL		483900	3716700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.82E-04
14	ALL		484000	3716700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.09E-04
15	ALL		485200	3716700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.78E-04
16	ALL		485400	3716700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.18E-04
17	ALL		485700	3716700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.32E-04
18	ALL		483100	3716800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.56E-04
19	ALL		483200	3716800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.81E-04
20	ALL		483500	3716800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.95E-04
21	ALL		483600	3716800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.42E-04
22	ALL		483700	3716800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.97E-04
23	ALL		483800	3716800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.40E-04
24	ALL		483900	3716800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.77E-04
25	ALL		484000	3716800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.14E-04
26	ALL		483100	3716900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.85E-04
27	ALL		483200	3716900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.18E-04
28	ALL		485600	3716900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.98E-04
29	ALL		483200	3717000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.54E-04
30	ALL		483300	3717000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.04E-04
31	ALL		485400	3717100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.38E-04
32	ALL		485500	3717100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.81E-04
33	ALL		485600	3717100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.28E-04
34	ALL		485700	3717100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.86E-04
35	ALL		483100	3717200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.70E-04
36	ALL		483200	3717300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.62E-04
37	ALL		483300	3717300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.47E-04
38	ALL		483400	3717300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.47E-04
39	ALL		483500	3717300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.67E-04
40	ALL		483800	3717300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-03
41	ALL		483900	3717300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-03
42	ALL		484000	3717300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-03
43	ALL		484600	3717300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-03
44	ALL		484700	3717300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-03
45	ALL		483100	3717400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.16E-04

*HARP - HRACalc v19044 3/16/2020 9:26:03 AM - Chronic Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\ConstUnmitV2\hra\ConstUnmitChronicHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
46	ALL		483200	3717400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.93E-04
47	ALL		483300	3717400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.88E-04
48	ALL		483400	3717400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.08E-04
49	ALL		483500	3717400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03
50	ALL		483800	3717400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-03
51	ALL		483900	3717400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-03
52	ALL		484000	3717400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.08E-03
53	ALL		484600	3717400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-03
54	ALL		484700	3717400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-03
55	ALL		484800	3717400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-03
56	ALL		483100	3717500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.39E-04
57	ALL		483300	3717500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.30E-04
58	ALL		483400	3717500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.73E-04
59	ALL		483500	3717500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03
60	ALL		483600	3717500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-03
61	ALL		484000	3717500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.63E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.63E-03
62	ALL		484600	3717500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.88E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.88E-03
63	ALL		484700	3717500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-03
64	ALL		483600	3717600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-03
65	ALL		484600	3717600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.37E-03
66	ALL		484700	3717600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.71E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.71E-03
67	ALL		484800	3717600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-03
68	ALL		484600	3717700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.74E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.74E-03
69	ALL		484700	3717700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.54E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.54E-03
70	ALL		484800	3717700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.98E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.98E-03
71	ALL		483400	3717800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-03
72	ALL		483500	3717800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03
73	ALL		483600	3717800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-03
74	ALL		484600	3717800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-02
75	ALL		484700	3717800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.31E-03
76	ALL		485300	3717800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.95E-04
77	ALL		483300	3717900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.12E-04
78	ALL		483400	3717900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-03
79	ALL		483500	3717900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03
80	ALL		484600	3717900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-02
81	ALL		484700	3717900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.71E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.71E-03
82	ALL		484800	3717900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-03
83	ALL		485100	3717900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-03
84	ALL		483300	3718000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.01E-04
85	ALL		483400	3718000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-03
86	ALL		483500	3718000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-03
87	ALL		483600	3718000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-03
88	ALL		484600	3718000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-02
89	ALL		484700	3718000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.45E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.45E-03
90	ALL		484800	3718000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-03

*HARP - HRACalc v19044 3/16/2020 9:26:03 AM - Chronic Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\ConstUnmitV2\hra\ConstUnmitChronicHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
91	ALL		483100	3718100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.60E-04
92	ALL		483400	3718100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03
93	ALL		483600	3718100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-03
94	ALL		484600	3718100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.08E-03
95	ALL		483900	3718200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-03
96	ALL		484500	3718200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.99E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.99E-03
97	ALL		484600	3718200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.81E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.81E-03
98	ALL		484700	3718200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-03
99	ALL		485400	3718200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.01E-04
100	ALL		485600	3718200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.18E-04
101	ALL		483100	3718300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.27E-04
102	ALL		483900	3718300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-03
103	ALL		484000	3718300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.18E-03
104	ALL		484200	3718300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.11E-03
105	ALL		485300	3718300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.23E-04
106	ALL		485600	3718300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.29E-04
107	ALL		483400	3718400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.48E-04
108	ALL		485200	3718400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-03
109	ALL		485200	3718500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.84E-04
110	ALL		484600	3718600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-03
111	ALL		484800	3718600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-03
112	ALL		485200	3718600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.17E-04
113	ALL		483700	3718700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.55E-04
114	ALL		483100	3718800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.82E-04
115	ALL		484000	3718800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.63E-04
116	ALL		484200	3718800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03
117	ALL		485400	3718800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.67E-04
118	ALL		483100	3718900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.71E-04
119	ALL		483200	3718900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.99E-04
120	ALL		483100	3719000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.51E-04
121	ALL		483200	3719000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.84E-04
122	ALL		483300	3719000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.09E-04
123	ALL		483400	3719000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.33E-04
124	ALL		483500	3719000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.60E-04
125	ALL		483100	3719100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.28E-04
126	ALL		483200	3719100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.56E-04
127	ALL		483300	3719100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.82E-04
128	ALL		483400	3719100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.04E-04
129	ALL		483500	3719100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.22E-04
130	ALL		483700	3719100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.25E-04
131	ALL		484900	3719100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.50E-04
132	ALL		485000	3719100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.34E-04
133	ALL		485100	3719100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.14E-04
134	ALL		485200	3719100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.94E-04
135	ALL		485300	3719100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.71E-04

*HARP - HRACalc v19044 3/16/2020 9:26:03 AM - Chronic Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\ConstUnmitV2\hra\ConstUnmitChronicHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
136	ALL		485400	3719100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.43E-04
137	ALL		485500	3719100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.18E-04
138	ALL		485600	3719100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.93E-04
139	ALL		485700	3719100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.70E-04
140	ALL		484200	3719200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.20E-04
141	ALL		484500	3719200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.20E-04
142	ALL		484800	3719200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.00E-04
143	ALL		484900	3719200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.89E-04
144	ALL		485000	3719200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.76E-04
145	ALL		485100	3719200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.61E-04
146	ALL		485200	3719200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.48E-04
147	ALL		485300	3719200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.29E-04
148	ALL		485400	3719200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.08E-04
149	ALL		485500	3719200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.88E-04
150	ALL		485600	3719200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.69E-04
151	ALL		485700	3719200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.49E-04
152	ALL		484525	3717600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.11E-03
153	ALL		484550	3717600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.48E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.48E-03
154	ALL		484575	3717600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.90E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.90E-03
155	ALL		484600	3717600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.37E-03
156	ALL		484625	3717600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.89E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.89E-03
157	ALL		484650	3717600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.45E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.45E-03
158	ALL		484675	3717600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.06E-03
159	ALL		484700	3717600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.71E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.71E-03
160	ALL		484725	3717600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E-03
161	ALL		484750	3717600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-03
162	ALL		484775	3717600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-03
163	ALL		484800	3717600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-03
164	ALL		484825	3717600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-03
165	ALL		484850	3717600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-03
166	ALL		484875	3717600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-03
167	ALL		484525	3717625	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.00E-03
168	ALL		484550	3717625	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.22E-03
169	ALL		484575	3717625	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.51E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.51E-03
170	ALL		484600	3717625	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.86E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.86E-03
171	ALL		484625	3717625	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.28E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.28E-03
172	ALL		484650	3717625	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.77E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.77E-03
173	ALL		484675	3717625	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.31E-03
174	ALL		484700	3717625	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.91E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.91E-03
175	ALL		484725	3717625	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.55E-03
176	ALL		484750	3717625	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.24E-03
177	ALL		484775	3717625	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.96E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.96E-03
178	ALL		484800	3717625	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-03
179	ALL		484825	3717625	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-03
180	ALL		484850	3717625	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-03

*HARP - HRACalc v19044 3/16/2020 9:26:03 AM - Chronic Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\ConstUnmitV2\hra\ConstUnmitChronicHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
181	ALL		484875	3717625	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-03
182	ALL		484525	3717650	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.11E-03
183	ALL		484550	3717650	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.11E-03
184	ALL		484575	3717650	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.22E-03
185	ALL		484600	3717650	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.42E-03
186	ALL		484625	3717650	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.72E-03
187	ALL		484650	3717650	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.11E-03
188	ALL		484675	3717650	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.58E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.58E-03
189	ALL		484700	3717650	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.12E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.12E-03
190	ALL		484725	3717650	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.72E-03
191	ALL		484750	3717650	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.37E-03
192	ALL		484775	3717650	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.07E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.07E-03
193	ALL		484800	3717650	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E-03
194	ALL		484825	3717650	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-03
195	ALL		484850	3717650	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-03
196	ALL		484875	3717650	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-03
197	ALL		484525	3717675	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-02
198	ALL		484550	3717675	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.19E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.19E-03
199	ALL		484575	3717675	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.04E-03
200	ALL		484600	3717675	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.04E-03
201	ALL		484625	3717675	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.19E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.19E-03
202	ALL		484650	3717675	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.46E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.46E-03
203	ALL		484675	3717675	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.85E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.85E-03
204	ALL		484700	3717675	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E-03
205	ALL		484725	3717675	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.89E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.89E-03
206	ALL		484750	3717675	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-03
207	ALL		484775	3717675	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.18E-03
208	ALL		484800	3717675	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.90E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.90E-03
209	ALL		484825	3717675	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-03
210	ALL		484850	3717675	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-03
211	ALL		484875	3717675	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-03
212	ALL		484525	3717700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-02
213	ALL		484550	3717700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-02
214	ALL		484575	3717700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.01E-03
215	ALL		484600	3717700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.74E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.74E-03
216	ALL		484625	3717700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.70E-03
217	ALL		484650	3717700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.84E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.84E-03
218	ALL		484675	3717700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.13E-03
219	ALL		484700	3717700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.54E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.54E-03
220	ALL		484725	3717700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-03
221	ALL		484750	3717700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-03
222	ALL		484775	3717700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E-03
223	ALL		484800	3717700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.98E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.98E-03
224	ALL		484825	3717700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-03
225	ALL		484850	3717700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-03

*HARP - HRACalc v19044 3/16/2020 9:26:03 AM - Chronic Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\ConstUnmitV2\hra\ConstUnmitChronicHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
226	ALL		484875	3717700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-03
227	ALL		484525	3717725	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-02
228	ALL		484550	3717725	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-02
229	ALL		484575	3717725	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-02
230	ALL		484600	3717725	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.52E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.52E-03
231	ALL		484625	3717725	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.24E-03
232	ALL		484650	3717725	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.22E-03
233	ALL		484675	3717725	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.41E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.41E-03
234	ALL		484700	3717725	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.74E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.74E-03
235	ALL		484725	3717725	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.20E-03
236	ALL		484750	3717725	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.75E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.75E-03
237	ALL		484775	3717725	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.37E-03
238	ALL		484800	3717725	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-03
239	ALL		484825	3717725	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-03
240	ALL		484850	3717725	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-03
241	ALL		484875	3717725	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-03
242	ALL		484525	3717750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-02
243	ALL		484550	3717750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-02
244	ALL		484575	3717750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-02
245	ALL		484600	3717750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.38E-03
246	ALL		484625	3717750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.80E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.80E-03
247	ALL		484650	3717750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.61E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.61E-03
248	ALL		484675	3717750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.68E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.68E-03
249	ALL		484700	3717750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.94E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.94E-03
250	ALL		484725	3717750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.34E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.34E-03
251	ALL		484750	3717750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.86E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.86E-03
252	ALL		484775	3717750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.45E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.45E-03
253	ALL		484800	3717750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-03
254	ALL		484825	3717750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-03
255	ALL		484850	3717750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-03
256	ALL		484875	3717750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-03
257	ALL		484525	3717775	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-02
258	ALL		484550	3717775	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-02
259	ALL		484575	3717775	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-02
260	ALL		484600	3717775	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-02
261	ALL		484625	3717775	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.37E-03
262	ALL		484650	3717775	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.99E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.99E-03
263	ALL		484675	3717775	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.94E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.94E-03
264	ALL		484700	3717775	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.13E-03
265	ALL		484725	3717775	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.48E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.48E-03
266	ALL		484750	3717775	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.96E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.96E-03
267	ALL		484775	3717775	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.53E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.53E-03
268	ALL		484800	3717775	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-03
269	ALL		484825	3717775	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-03
270	ALL		484850	3717775	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-03

*HARP - HRACalc v19044 3/16/2020 9:26:03 AM - Chronic Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\ConstUnmitV2\hra\ConstUnmitChronicHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
271	ALL		484875	3717775	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-03
272	ALL		484525	3717800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-02
273	ALL		484550	3717800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-02
274	ALL		484575	3717800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-02
275	ALL		484600	3717800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-02
276	ALL		484625	3717800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.89E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.89E-03
277	ALL		484650	3717800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.33E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.33E-03
278	ALL		484675	3717800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.18E-03
279	ALL		484700	3717800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.31E-03
280	ALL		484725	3717800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.62E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.62E-03
281	ALL		484750	3717800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.06E-03
282	ALL		484775	3717800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.61E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.61E-03
283	ALL		484800	3717800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-03
284	ALL		484825	3717800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-03
285	ALL		484850	3717800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-03
286	ALL		484875	3717800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-03
287	ALL		484525	3717825	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-02
288	ALL		484550	3717825	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-02
289	ALL		484575	3717825	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-02
290	ALL		484600	3717825	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-02
291	ALL		484625	3717825	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.34E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.34E-03
292	ALL		484650	3717825	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.63E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.63E-03
293	ALL		484675	3717825	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.39E-03
294	ALL		484700	3717825	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.46E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.46E-03
295	ALL		484725	3717825	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.73E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.73E-03
296	ALL		484750	3717825	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-03
297	ALL		484775	3717825	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-03
298	ALL		484800	3717825	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.29E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.29E-03
299	ALL		484825	3717825	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.96E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.96E-03
300	ALL		484850	3717825	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-03
301	ALL		484875	3717825	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-03
302	ALL		484525	3717850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.79E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.79E-02
303	ALL		484550	3717850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-02
304	ALL		484575	3717850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-02
305	ALL		484600	3717850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-02
306	ALL		484625	3717850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.68E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.68E-03
307	ALL		484650	3717850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.86E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.86E-03
308	ALL		484675	3717850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.56E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.56E-03
309	ALL		484700	3717850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.58E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.58E-03
310	ALL		484725	3717850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.82E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.82E-03
311	ALL		484750	3717850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.22E-03
312	ALL		484775	3717850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-03
313	ALL		484800	3717850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.33E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.33E-03
314	ALL		484825	3717850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-03
315	ALL		484850	3717850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-03

*HARP - HRACalc v19044 3/16/2020 9:26:03 AM - Chronic Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\ConstUnmitV2\hra\ConstUnmitChronicHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
316	ALL		484875	3717850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-03
317	ALL		484525	3717875	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E-02
318	ALL		484550	3717875	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-02
319	ALL		484575	3717875	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-02
320	ALL		484600	3717875	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-02
321	ALL		484625	3717875	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.86E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.86E-03
322	ALL		484650	3717875	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.01E-03
323	ALL		484675	3717875	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.67E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.67E-03
324	ALL		484700	3717875	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.67E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.67E-03
325	ALL		484725	3717875	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.89E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.89E-03
326	ALL		484750	3717875	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.28E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.28E-03
327	ALL		484775	3717875	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.78E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.78E-03
328	ALL		484800	3717875	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.37E-03
329	ALL		484825	3717875	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-03
330	ALL		484850	3717875	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E-03
331	ALL		484875	3717875	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-03
332	ALL		484525	3717900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.64E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.64E-02
333	ALL		484550	3717900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-02
334	ALL		484575	3717900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-02
335	ALL		484600	3717900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-02
336	ALL		484625	3717900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.88E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.88E-03
337	ALL		484650	3717900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.05E-03
338	ALL		484675	3717900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.72E-03
339	ALL		484700	3717900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.71E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.71E-03
340	ALL		484725	3717900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.93E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.93E-03
341	ALL		484750	3717900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.31E-03
342	ALL		484775	3717900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.81E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.81E-03
343	ALL		484800	3717900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-03
344	ALL		484825	3717900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-03
345	ALL		484850	3717900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-03
346	ALL		484875	3717900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-03
347	ALL		484525	3717925	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-02
348	ALL		484550	3717925	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-02
349	ALL		484575	3717925	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-02
350	ALL		484600	3717925	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-02
351	ALL		484625	3717925	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.75E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.75E-03
352	ALL		484650	3717925	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.99E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.99E-03
353	ALL		484675	3717925	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.70E-03
354	ALL		484700	3717925	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.71E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.71E-03
355	ALL		484725	3717925	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.94E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.94E-03
356	ALL		484750	3717925	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E-03
357	ALL		484775	3717925	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.83E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.83E-03
358	ALL		484800	3717925	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-03
359	ALL		484825	3717925	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.08E-03
360	ALL		484850	3717925	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-03

*HARP - HRACalc v19044 3/16/2020 9:26:03 AM - Chronic Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\ConstUnmitV2\hra\ConstUnmitChronicHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
361	ALL		484875	3717925	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-03
362	ALL		484525	3717950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-02
363	ALL		484550	3717950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-02
364	ALL		484575	3717950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-02
365	ALL		484600	3717950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-02
366	ALL		484625	3717950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.47E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.47E-03
367	ALL		484650	3717950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.84E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.84E-03
368	ALL		484675	3717950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.61E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.61E-03
369	ALL		484700	3717950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.67E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.67E-03
370	ALL		484725	3717950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.92E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.92E-03
371	ALL		484750	3717950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.32E-03
372	ALL		484775	3717950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.83E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.83E-03
373	ALL		484800	3717950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.43E-03
374	ALL		484825	3717950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-03
375	ALL		484850	3717950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-03
376	ALL		484875	3717950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-03
377	ALL		484525	3717975	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-02
378	ALL		484550	3717975	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-02
379	ALL		484575	3717975	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-02
380	ALL		484600	3717975	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-02
381	ALL		484625	3717975	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.08E-03
382	ALL		484650	3717975	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.60E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.60E-03
383	ALL		484675	3717975	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.47E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.47E-03
384	ALL		484700	3717975	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.58E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.58E-03
385	ALL		484725	3717975	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.87E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.87E-03
386	ALL		484750	3717975	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.29E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.29E-03
387	ALL		484775	3717975	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.82E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.82E-03
388	ALL		484800	3717975	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-03
389	ALL		484825	3717975	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-03
390	ALL		484850	3717975	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-03
391	ALL		484875	3717975	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-03
392	ALL		484525	3718000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-02
393	ALL		484550	3718000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-02
394	ALL		484575	3718000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-02
395	ALL		484600	3718000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-02
396	ALL		484625	3718000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.60E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.60E-03
397	ALL		484650	3718000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.29E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.29E-03
398	ALL		484675	3718000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.27E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.27E-03
399	ALL		484700	3718000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.45E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.45E-03
400	ALL		484725	3718000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.79E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.79E-03
401	ALL		484750	3718000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.24E-03
402	ALL		484775	3718000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.78E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.78E-03
403	ALL		484800	3718000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-03
404	ALL		484825	3718000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.07E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.07E-03
405	ALL		484850	3718000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-03

*HARP - HRACalc v19044 3/16/2020 9:26:03 AM - Chronic Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\ConstUnmitV2\hra\ConstUnmitChronicHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
406	ALL		484875	3718000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-03
407	ALL		484525	3718025	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-02
408	ALL		484550	3718025	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-02
409	ALL		484575	3718025	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-02
410	ALL		484600	3718025	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.46E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.46E-03
411	ALL		484625	3718025	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.05E-03
412	ALL		484650	3718025	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.93E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.93E-03
413	ALL		484675	3718025	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.02E-03
414	ALL		484700	3718025	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.28E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.28E-03
415	ALL		484725	3718025	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.67E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.67E-03
416	ALL		484750	3718025	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.16E-03
417	ALL		484775	3718025	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-03
418	ALL		484800	3718025	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-03
419	ALL		484825	3718025	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-03
420	ALL		484850	3718025	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-03
421	ALL		484875	3718025	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-03
422	ALL		484500	3718050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-02
423	ALL		484525	3718050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-02
424	ALL		484550	3718050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-02
425	ALL		484575	3718050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-02
426	ALL		484600	3718050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.62E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.62E-03
427	ALL		484625	3718050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.48E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.48E-03
428	ALL		484650	3718050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.53E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.53E-03
429	ALL		484675	3718050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.74E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.74E-03
430	ALL		484700	3718050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.09E-03
431	ALL		484500	3718075	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-02
432	ALL		484525	3718075	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-02
433	ALL		484550	3718075	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-02
434	ALL		484575	3718075	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.88E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.88E-03
435	ALL		484600	3718075	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.82E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.82E-03
436	ALL		484625	3718075	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.90E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.90E-03
437	ALL		484650	3718075	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.11E-03
438	ALL		484675	3718075	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.44E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.44E-03
439	ALL		484700	3718075	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.86E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.86E-03
440	ALL		484500	3718100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-02
441	ALL		484525	3718100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.69E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.69E-03
442	ALL		484550	3718100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.76E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.76E-03
443	ALL		484575	3718100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.89E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.89E-03
444	ALL		484600	3718100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.08E-03
445	ALL		484625	3718100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.35E-03
446	ALL		484650	3718100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.70E-03
447	ALL		484675	3718100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.13E-03
448	ALL		484700	3718100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.63E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.63E-03
449	ALL		484500	3718125	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.05E-03
450	ALL		484525	3718125	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.37E-03

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REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
451	ALL		484550	3718125	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.69E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.69E-03
452	ALL		484575	3718125	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.04E-03
453	ALL		484600	3718125	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.41E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.41E-03
454	ALL		484625	3718125	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.83E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.83E-03
455	ALL		484650	3718125	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.30E-03
456	ALL		484675	3718125	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.82E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.82E-03
457	ALL		484700	3718125	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.39E-03
458	ALL		484500	3718150	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.80E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.80E-03
459	ALL		484525	3718150	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.31E-03
460	ALL		484550	3718150	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.80E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.80E-03
461	ALL		484575	3718150	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.30E-03
462	ALL		484600	3718150	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.81E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.81E-03
463	ALL		484625	3718150	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.35E-03
464	ALL		484650	3718150	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.91E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.91E-03
465	ALL		484675	3718150	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-03
466	ALL		484700	3718150	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-03
467	ALL		484500	3718175	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.81E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.81E-03
468	ALL		484525	3718175	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.43E-03
469	ALL		484550	3718175	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.05E-03
470	ALL		484575	3718175	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.66E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.66E-03
471	ALL		484600	3718175	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.28E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.28E-03
472	ALL		484625	3718175	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.91E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.91E-03
473	ALL		484650	3718175	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.56E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.56E-03
474	ALL		484675	3718175	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.22E-03
475	ALL		484700	3718175	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.91E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.91E-03
476	ALL		484725	3718175	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-03
477	ALL		484750	3718175	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-03
478	ALL		484775	3718175	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-03
479	ALL		484800	3718175	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-03
480	ALL		484825	3718175	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-03
481	ALL		484850	3718175	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-03
482	ALL		484875	3718175	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-03
483	ALL		484500	3718200	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.99E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.99E-03
484	ALL		484525	3718200	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.71E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.71E-03
485	ALL		484550	3718200	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.41E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.41E-03
486	ALL		484575	3718200	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.11E-03
487	ALL		484600	3718200	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.81E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.81E-03
488	ALL		484625	3718200	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.51E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.51E-03
489	ALL		484650	3718200	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.22E-03
490	ALL		484675	3718200	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.94E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.94E-03
491	ALL		484700	3718200	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-03
492	ALL		484725	3718200	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.43E-03
493	ALL		484750	3718200	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.20E-03
494	ALL		484775	3718200	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-03
495	ALL		484800	3718200	NonCancei	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-03

*HARP - HRACalc v19044 3/16/2020 9:26:03 AM - Chronic Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\ConstUnmitV2\hra\ConstUnmitChronicHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
496	ALL		484825	3718200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-03
497	ALL		484850	3718200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-03
498	ALL		484875	3718200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-03
499	ALL		484500	3718225	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.32E-03
500	ALL		484525	3718225	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.10E-03
501	ALL		484550	3718225	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.87E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.87E-03
502	ALL		484575	3718225	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.63E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.63E-03
503	ALL		484600	3718225	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.39E-03
504	ALL		484625	3718225	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-03
505	ALL		484650	3718225	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.91E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.91E-03
506	ALL		484675	3718225	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-03
507	ALL		484700	3718225	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.46E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.46E-03
508	ALL		484725	3718225	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-03
509	ALL		484750	3718225	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-03
510	ALL		484775	3718225	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-03
511	ALL		484800	3718225	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-03
512	ALL		484825	3718225	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-03
513	ALL		484850	3718225	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-03
514	ALL		484875	3718225	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-03
515	ALL		484500	3718250	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.75E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.75E-03
516	ALL		484525	3718250	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.58E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.58E-03
517	ALL		484550	3718250	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.40E-03
518	ALL		484575	3718250	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.21E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.21E-03
519	ALL		484600	3718250	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.02E-03
520	ALL		484625	3718250	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.82E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.82E-03
521	ALL		484650	3718250	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-03
522	ALL		484675	3718250	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.43E-03
523	ALL		484700	3718250	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-03
524	ALL		484725	3718250	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.07E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.07E-03
525	ALL		484750	3718250	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-03
526	ALL		484775	3718250	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-03
527	ALL		484800	3718250	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-03
528	ALL		484825	3718250	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-03
529	ALL		484850	3718250	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-03
530	ALL		484875	3718250	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-03
531	ALL		484500	3718275	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.26E-03
532	ALL		484525	3718275	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.13E-03
533	ALL		484550	3718275	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.99E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.99E-03
534	ALL		484575	3718275	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-03
535	ALL		484600	3718275	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-03
536	ALL		484625	3718275	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.52E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.52E-03
537	ALL		484650	3718275	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-03
538	ALL		484675	3718275	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.20E-03
539	ALL		484700	3718275	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-03
540	ALL		484725	3718275	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-03

*HARP - HRACalc v19044 3/16/2020 9:26:03 AM - Chronic Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\ConstUnmitV2\hra\ConstUnmitChronicHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
541	ALL		484750	3718275	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-03
542	ALL		484775	3718275	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-03
543	ALL		484800	3718275	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-03
544	ALL		484825	3718275	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-03
545	ALL		484850	3718275	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-03
546	ALL		484875	3718275	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-03

*HARP - HRACalc v19044 3/19/2020 1:53:10 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmit30yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
1	ALL		482925	3716575	7.28E-07	30YrCance	7.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2	ALL		482975	3716575	7.60E-07	30YrCance	7.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3	ALL		483025	3716575	8.40E-07	30YrCance	8.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4	ALL		483075	3716575	8.40E-07	30YrCance	8.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5	ALL		483125	3716575	1.00E-06	30YrCance	1.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6	ALL		483175	3716575	1.62E-06	30YrCance	1.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7	ALL		483225	3716575	3.66E-06	30YrCance	3.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8	ALL		483275	3716575	5.02E-06	30YrCance	5.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9	ALL		483325	3716575	1.94E-06	30YrCance	1.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10	ALL		483375	3716575	1.40E-06	30YrCance	1.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11	ALL		483425	3716575	1.16E-06	30YrCance	1.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12	ALL		483475	3716575	1.05E-06	30YrCance	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
13	ALL		483525	3716575	9.81E-07	30YrCance	9.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
14	ALL		483575	3716575	9.25E-07	30YrCance	9.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
15	ALL		483625	3716575	8.75E-07	30YrCance	8.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
16	ALL		483675	3716575	8.48E-07	30YrCance	8.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
17	ALL		483725	3716575	8.24E-07	30YrCance	8.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
18	ALL		483775	3716575	8.13E-07	30YrCance	8.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
19	ALL		483825	3716575	8.01E-07	30YrCance	8.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
20	ALL		483875	3716575	7.92E-07	30YrCance	7.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
21	ALL		483925	3716575	7.81E-07	30YrCance	7.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
22	ALL		483975	3716575	7.78E-07	30YrCance	7.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
23	ALL		484025	3716575	7.71E-07	30YrCance	7.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
24	ALL		484075	3716575	7.63E-07	30YrCance	7.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
25	ALL		484125	3716575	7.55E-07	30YrCance	7.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
26	ALL		484175	3716575	7.43E-07	30YrCance	7.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
27	ALL		484225	3716575	7.36E-07	30YrCance	7.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
28	ALL		484275	3716575	7.30E-07	30YrCance	7.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
29	ALL		484325	3716575	7.26E-07	30YrCance	7.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
30	ALL		484375	3716575	7.19E-07	30YrCance	7.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
31	ALL		484425	3716575	7.11E-07	30YrCance	7.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
32	ALL		484475	3716575	6.94E-07	30YrCance	6.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
33	ALL		484525	3716575	6.86E-07	30YrCance	6.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
34	ALL		484575	3716575	6.68E-07	30YrCance	6.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
35	ALL		484625	3716575	7.14E-07	30YrCance	7.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
36	ALL		484675	3716575	7.30E-07	30YrCance	7.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
37	ALL		484725	3716575	6.87E-07	30YrCance	6.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
38	ALL		484775	3716575	6.21E-07	30YrCance	6.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
39	ALL		484825	3716575	6.04E-07	30YrCance	6.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
40	ALL		484875	3716575	5.86E-07	30YrCance	5.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
41	ALL		484925	3716575	5.74E-07	30YrCance	5.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
42	ALL		484975	3716575	5.63E-07	30YrCance	5.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
43	ALL		485025	3716575	5.64E-07	30YrCance	5.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
44	ALL		485075	3716575	5.72E-07	30YrCance	5.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
45	ALL		485125	3716575	5.85E-07	30YrCance	5.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:53:10 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmit30yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
46	ALL		485175	3716575	6.24E-07	30YrCance	6.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
47	ALL		485225	3716575	6.38E-07	30YrCance	6.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
48	ALL		485275	3716575	6.24E-07	30YrCance	6.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
49	ALL		485325	3716575	5.86E-07	30YrCance	5.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
50	ALL		485375	3716575	5.29E-07	30YrCance	5.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
51	ALL		485425	3716575	4.68E-07	30YrCance	4.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
52	ALL		485475	3716575	4.49E-07	30YrCance	4.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
53	ALL		482925	3716625	7.35E-07	30YrCance	7.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
54	ALL		482975	3716625	7.71E-07	30YrCance	7.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
55	ALL		483025	3716625	7.81E-07	30YrCance	7.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
56	ALL		483075	3716625	8.32E-07	30YrCance	8.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
57	ALL		483125	3716625	9.71E-07	30YrCance	9.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
58	ALL		483175	3716625	1.37E-06	30YrCance	1.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
59	ALL		483225	3716625	2.66E-06	30YrCance	2.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
60	ALL		483275	3716625	9.50E-06	30YrCance	9.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
61	ALL		483325	3716625	2.26E-06	30YrCance	2.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
62	ALL		483375	3716625	1.52E-06	30YrCance	1.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
63	ALL		483425	3716625	1.24E-06	30YrCance	1.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
64	ALL		483475	3716625	1.10E-06	30YrCance	1.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
65	ALL		483525	3716625	1.02E-06	30YrCance	1.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
66	ALL		483575	3716625	9.75E-07	30YrCance	9.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
67	ALL		483625	3716625	9.21E-07	30YrCance	9.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
68	ALL		483675	3716625	8.90E-07	30YrCance	8.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
69	ALL		483725	3716625	8.68E-07	30YrCance	8.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
70	ALL		483775	3716625	8.53E-07	30YrCance	8.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
71	ALL		483825	3716625	8.43E-07	30YrCance	8.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
72	ALL		483875	3716625	8.35E-07	30YrCance	8.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
73	ALL		483925	3716625	8.23E-07	30YrCance	8.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
74	ALL		483975	3716625	8.19E-07	30YrCance	8.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
75	ALL		484025	3716625	8.15E-07	30YrCance	8.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
76	ALL		484075	3716625	8.07E-07	30YrCance	8.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
77	ALL		484125	3716625	7.99E-07	30YrCance	7.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
78	ALL		484175	3716625	7.85E-07	30YrCance	7.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
79	ALL		484225	3716625	7.78E-07	30YrCance	7.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
80	ALL		484275	3716625	7.70E-07	30YrCance	7.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
81	ALL		484325	3716625	7.67E-07	30YrCance	7.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
82	ALL		484375	3716625	7.64E-07	30YrCance	7.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
83	ALL		484425	3716625	7.54E-07	30YrCance	7.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
84	ALL		484475	3716625	7.35E-07	30YrCance	7.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
85	ALL		484525	3716625	7.25E-07	30YrCance	7.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
86	ALL		484575	3716625	7.18E-07	30YrCance	7.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
87	ALL		484625	3716625	7.73E-07	30YrCance	7.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
88	ALL		484675	3716625	7.69E-07	30YrCance	7.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
89	ALL		484725	3716625	7.08E-07	30YrCance	7.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
90	ALL		484775	3716625	6.54E-07	30YrCance	6.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:53:10 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmit30yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
91	ALL		484825	3716625	6.39E-07	30YrCance	6.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
92	ALL		484875	3716625	6.20E-07	30YrCance	6.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
93	ALL		484925	3716625	6.02E-07	30YrCance	6.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
94	ALL		484975	3716625	5.81E-07	30YrCance	5.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
95	ALL		485025	3716625	5.81E-07	30YrCance	5.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
96	ALL		485075	3716625	6.02E-07	30YrCance	6.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
97	ALL		485125	3716625	6.54E-07	30YrCance	6.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
98	ALL		485175	3716625	6.79E-07	30YrCance	6.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
99	ALL		485225	3716625	6.71E-07	30YrCance	6.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
100	ALL		485275	3716625	6.34E-07	30YrCance	6.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
101	ALL		485325	3716625	5.75E-07	30YrCance	5.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
102	ALL		485375	3716625	5.07E-07	30YrCance	5.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
103	ALL		485425	3716625	4.79E-07	30YrCance	4.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
104	ALL		485475	3716625	4.84E-07	30YrCance	4.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
105	ALL		482925	3716675	7.39E-07	30YrCance	7.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
106	ALL		482975	3716675	7.98E-07	30YrCance	7.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
107	ALL		483025	3716675	8.09E-07	30YrCance	8.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
108	ALL		483075	3716675	8.44E-07	30YrCance	8.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
109	ALL		483125	3716675	9.36E-07	30YrCance	9.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
110	ALL		483175	3716675	1.23E-06	30YrCance	1.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
111	ALL		483225	3716675	2.00E-06	30YrCance	2.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
112	ALL		483275	3716675	7.40E-06	30YrCance	7.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
113	ALL		483325	3716675	2.85E-06	30YrCance	2.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
114	ALL		483375	3716675	1.67E-06	30YrCance	1.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
115	ALL		483425	3716675	1.32E-06	30YrCance	1.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
116	ALL		483475	3716675	1.15E-06	30YrCance	1.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
117	ALL		483525	3716675	1.07E-06	30YrCance	1.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
118	ALL		483575	3716675	1.02E-06	30YrCance	1.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
119	ALL		483625	3716675	9.81E-07	30YrCance	9.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
120	ALL		483675	3716675	9.35E-07	30YrCance	9.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
121	ALL		483725	3716675	9.16E-07	30YrCance	9.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
122	ALL		483775	3716675	8.95E-07	30YrCance	8.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
123	ALL		483825	3716675	8.92E-07	30YrCance	8.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
124	ALL		483875	3716675	8.81E-07	30YrCance	8.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
125	ALL		483925	3716675	8.71E-07	30YrCance	8.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
126	ALL		483975	3716675	8.65E-07	30YrCance	8.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
127	ALL		484025	3716675	8.64E-07	30YrCance	8.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
128	ALL		484075	3716675	8.54E-07	30YrCance	8.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
129	ALL		484125	3716675	8.46E-07	30YrCance	8.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
130	ALL		484175	3716675	8.35E-07	30YrCance	8.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
131	ALL		484225	3716675	8.26E-07	30YrCance	8.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
132	ALL		484275	3716675	8.16E-07	30YrCance	8.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
133	ALL		484325	3716675	8.10E-07	30YrCance	8.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
134	ALL		484375	3716675	8.13E-07	30YrCance	8.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
135	ALL		484425	3716675	8.06E-07	30YrCance	8.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:53:10 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmit30yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
136	ALL		484475	3716675	7.92E-07	30YrCance	7.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
137	ALL		484525	3716675	7.73E-07	30YrCance	7.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
138	ALL		484575	3716675	7.89E-07	30YrCance	7.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
139	ALL		484625	3716675	8.36E-07	30YrCance	8.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
140	ALL		484675	3716675	8.08E-07	30YrCance	8.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
141	ALL		484725	3716675	7.26E-07	30YrCance	7.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
142	ALL		484775	3716675	6.91E-07	30YrCance	6.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
143	ALL		484825	3716675	6.72E-07	30YrCance	6.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
144	ALL		484875	3716675	6.57E-07	30YrCance	6.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
145	ALL		484925	3716675	6.33E-07	30YrCance	6.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
146	ALL		484975	3716675	6.08E-07	30YrCance	6.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
147	ALL		485025	3716675	6.06E-07	30YrCance	6.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
148	ALL		485075	3716675	6.74E-07	30YrCance	6.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
149	ALL		485125	3716675	7.13E-07	30YrCance	7.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
150	ALL		485175	3716675	7.20E-07	30YrCance	7.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
151	ALL		485225	3716675	6.86E-07	30YrCance	6.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
152	ALL		485275	3716675	6.25E-07	30YrCance	6.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
153	ALL		485325	3716675	5.52E-07	30YrCance	5.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
154	ALL		485375	3716675	5.15E-07	30YrCance	5.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
155	ALL		485425	3716675	5.20E-07	30YrCance	5.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
156	ALL		485475	3716675	5.16E-07	30YrCance	5.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
157	ALL		482925	3716725	7.32E-07	30YrCance	7.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
158	ALL		482975	3716725	8.05E-07	30YrCance	8.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
159	ALL		483025	3716725	8.54E-07	30YrCance	8.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
160	ALL		483075	3716725	9.03E-07	30YrCance	9.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
161	ALL		483125	3716725	9.83E-07	30YrCance	9.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
162	ALL		483175	3716725	1.14E-06	30YrCance	1.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
163	ALL		483225	3716725	1.63E-06	30YrCance	1.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
164	ALL		483275	3716725	5.13E-06	30YrCance	5.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
165	ALL		483325	3716725	4.01E-06	30YrCance	4.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
166	ALL		483375	3716725	1.87E-06	30YrCance	1.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
167	ALL		483425	3716725	1.42E-06	30YrCance	1.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
168	ALL		483475	3716725	1.24E-06	30YrCance	1.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
169	ALL		483525	3716725	1.12E-06	30YrCance	1.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
170	ALL		483575	3716725	1.06E-06	30YrCance	1.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
171	ALL		483625	3716725	1.03E-06	30YrCance	1.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
172	ALL		483675	3716725	9.90E-07	30YrCance	9.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
173	ALL		483725	3716725	9.67E-07	30YrCance	9.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
174	ALL		483775	3716725	9.50E-07	30YrCance	9.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
175	ALL		483825	3716725	9.39E-07	30YrCance	9.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
176	ALL		483875	3716725	9.32E-07	30YrCance	9.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
177	ALL		483925	3716725	9.25E-07	30YrCance	9.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
178	ALL		483975	3716725	9.15E-07	30YrCance	9.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
179	ALL		484025	3716725	9.17E-07	30YrCance	9.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
180	ALL		484075	3716725	9.08E-07	30YrCance	9.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:53:10 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmit30yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
181	ALL		484125	3716725	8.99E-07	30YrCance	8.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
182	ALL		484175	3716725	8.87E-07	30YrCance	8.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
183	ALL		484225	3716725	8.80E-07	30YrCance	8.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
184	ALL		484275	3716725	8.68E-07	30YrCance	8.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
185	ALL		484325	3716725	8.57E-07	30YrCance	8.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
186	ALL		484375	3716725	8.63E-07	30YrCance	8.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
187	ALL		484425	3716725	8.51E-07	30YrCance	8.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
188	ALL		484475	3716725	8.42E-07	30YrCance	8.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
189	ALL		484525	3716725	8.28E-07	30YrCance	8.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
190	ALL		484575	3716725	8.73E-07	30YrCance	8.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
191	ALL		484625	3716725	9.01E-07	30YrCance	9.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
192	ALL		484675	3716725	8.44E-07	30YrCance	8.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
193	ALL		484725	3716725	7.73E-07	30YrCance	7.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
194	ALL		484775	3716725	7.48E-07	30YrCance	7.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
195	ALL		484825	3716725	7.22E-07	30YrCance	7.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
196	ALL		484875	3716725	7.05E-07	30YrCance	7.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
197	ALL		484925	3716725	6.72E-07	30YrCance	6.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
198	ALL		484975	3716725	6.39E-07	30YrCance	6.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
199	ALL		485025	3716725	6.88E-07	30YrCance	6.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
200	ALL		485075	3716725	7.42E-07	30YrCance	7.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
201	ALL		485125	3716725	7.63E-07	30YrCance	7.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
202	ALL		485175	3716725	7.40E-07	30YrCance	7.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
203	ALL		485225	3716725	6.82E-07	30YrCance	6.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
204	ALL		485275	3716725	6.02E-07	30YrCance	6.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
205	ALL		485325	3716725	5.50E-07	30YrCance	5.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
206	ALL		485375	3716725	5.59E-07	30YrCance	5.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
207	ALL		485425	3716725	5.55E-07	30YrCance	5.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
208	ALL		485475	3716725	5.39E-07	30YrCance	5.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
209	ALL		482925	3716775	7.11E-07	30YrCance	7.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
210	ALL		482975	3716775	7.76E-07	30YrCance	7.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
211	ALL		483025	3716775	8.49E-07	30YrCance	8.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
212	ALL		483075	3716775	9.24E-07	30YrCance	9.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
213	ALL		483125	3716775	1.03E-06	30YrCance	1.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
214	ALL		483175	3716775	1.24E-06	30YrCance	1.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
215	ALL		483225	3716775	1.59E-06	30YrCance	1.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
216	ALL		483275	3716775	3.17E-06	30YrCance	3.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
217	ALL		483325	3716775	7.70E-06	30YrCance	7.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
218	ALL		483375	3716775	2.17E-06	30YrCance	2.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
219	ALL		483425	3716775	1.56E-06	30YrCance	1.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
220	ALL		483475	3716775	1.33E-06	30YrCance	1.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
221	ALL		483525	3716775	1.20E-06	30YrCance	1.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
222	ALL		483575	3716775	1.12E-06	30YrCance	1.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
223	ALL		483625	3716775	1.07E-06	30YrCance	1.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
224	ALL		483675	3716775	1.06E-06	30YrCance	1.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
225	ALL		483725	3716775	1.03E-06	30YrCance	1.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:53:10 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmit30yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
226	ALL		483775	3716775	1.02E-06	30YrCance	1.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
227	ALL		483825	3716775	9.95E-07	30YrCance	9.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
228	ALL		483875	3716775	9.93E-07	30YrCance	9.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
229	ALL		483925	3716775	9.88E-07	30YrCance	9.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
230	ALL		483975	3716775	9.78E-07	30YrCance	9.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
231	ALL		484025	3716775	9.81E-07	30YrCance	9.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
232	ALL		484075	3716775	9.71E-07	30YrCance	9.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
233	ALL		484125	3716775	9.61E-07	30YrCance	9.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
234	ALL		484175	3716775	9.52E-07	30YrCance	9.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
235	ALL		484225	3716775	9.40E-07	30YrCance	9.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
236	ALL		484275	3716775	9.26E-07	30YrCance	9.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
237	ALL		484325	3716775	9.12E-07	30YrCance	9.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
238	ALL		484375	3716775	9.20E-07	30YrCance	9.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
239	ALL		484425	3716775	9.04E-07	30YrCance	9.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
240	ALL		484475	3716775	8.99E-07	30YrCance	8.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
241	ALL		484525	3716775	8.90E-07	30YrCance	8.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
242	ALL		484575	3716775	9.67E-07	30YrCance	9.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
243	ALL		484625	3716775	9.72E-07	30YrCance	9.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
244	ALL		484675	3716775	8.83E-07	30YrCance	8.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
245	ALL		484725	3716775	8.00E-07	30YrCance	8.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
246	ALL		484775	3716775	8.28E-07	30YrCance	8.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
247	ALL		484825	3716775	7.88E-07	30YrCance	7.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
248	ALL		484875	3716775	7.55E-07	30YrCance	7.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
249	ALL		484925	3716775	7.29E-07	30YrCance	7.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
250	ALL		484975	3716775	7.37E-07	30YrCance	7.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
251	ALL		485025	3716775	7.90E-07	30YrCance	7.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
252	ALL		485075	3716775	8.10E-07	30YrCance	8.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
253	ALL		485125	3716775	7.96E-07	30YrCance	7.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
254	ALL		485175	3716775	7.41E-07	30YrCance	7.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
255	ALL		485225	3716775	6.58E-07	30YrCance	6.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
256	ALL		485275	3716775	5.89E-07	30YrCance	5.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
257	ALL		485325	3716775	5.99E-07	30YrCance	5.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
258	ALL		485375	3716775	5.96E-07	30YrCance	5.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
259	ALL		485425	3716775	5.79E-07	30YrCance	5.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
260	ALL		485475	3716775	5.60E-07	30YrCance	5.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
261	ALL		482925	3716825	7.03E-07	30YrCance	7.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
262	ALL		482975	3716825	7.43E-07	30YrCance	7.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
263	ALL		483025	3716825	7.96E-07	30YrCance	7.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
264	ALL		483075	3716825	8.76E-07	30YrCance	8.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
265	ALL		483125	3716825	9.84E-07	30YrCance	9.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
266	ALL		483175	3716825	1.20E-06	30YrCance	1.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
267	ALL		483225	3716825	1.56E-06	30YrCance	1.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
268	ALL		483275	3716825	2.43E-06	30YrCance	2.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
269	ALL		483325	3716825	7.70E-06	30YrCance	7.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
270	ALL		483375	3716825	2.66E-06	30YrCance	2.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:53:10 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmit30yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
271	ALL		483425	3716825	1.73E-06	30YrCance	1.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
272	ALL		483475	3716825	1.44E-06	30YrCance	1.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
273	ALL		483525	3716825	1.26E-06	30YrCance	1.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
274	ALL		483575	3716825	1.18E-06	30YrCance	1.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
275	ALL		483625	3716825	1.13E-06	30YrCance	1.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
276	ALL		483675	3716825	1.12E-06	30YrCance	1.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
277	ALL		483725	3716825	1.11E-06	30YrCance	1.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
278	ALL		483775	3716825	1.10E-06	30YrCance	1.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
279	ALL		483825	3716825	1.06E-06	30YrCance	1.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
280	ALL		483875	3716825	1.06E-06	30YrCance	1.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
281	ALL		483925	3716825	1.07E-06	30YrCance	1.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
282	ALL		483975	3716825	1.05E-06	30YrCance	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
283	ALL		484025	3716825	1.06E-06	30YrCance	1.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
284	ALL		484075	3716825	1.05E-06	30YrCance	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
285	ALL		484125	3716825	1.04E-06	30YrCance	1.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
286	ALL		484175	3716825	1.02E-06	30YrCance	1.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
287	ALL		484225	3716825	1.01E-06	30YrCance	1.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
288	ALL		484275	3716825	9.97E-07	30YrCance	9.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
289	ALL		484325	3716825	9.79E-07	30YrCance	9.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
290	ALL		484375	3716825	9.88E-07	30YrCance	9.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
291	ALL		484425	3716825	9.60E-07	30YrCance	9.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
292	ALL		484475	3716825	9.51E-07	30YrCance	9.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
293	ALL		484525	3716825	9.77E-07	30YrCance	9.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
294	ALL		484575	3716825	1.07E-06	30YrCance	1.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
295	ALL		484625	3716825	1.04E-06	30YrCance	1.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
296	ALL		484675	3716825	9.26E-07	30YrCance	9.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
297	ALL		484725	3716825	8.77E-07	30YrCance	8.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
298	ALL		484775	3716825	8.43E-07	30YrCance	8.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
299	ALL		484825	3716825	8.31E-07	30YrCance	8.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
300	ALL		484875	3716825	8.00E-07	30YrCance	8.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
301	ALL		484925	3716825	7.74E-07	30YrCance	7.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
302	ALL		484975	3716825	8.48E-07	30YrCance	8.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
303	ALL		485025	3716825	8.84E-07	30YrCance	8.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
304	ALL		485075	3716825	8.67E-07	30YrCance	8.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
305	ALL		485125	3716825	8.12E-07	30YrCance	8.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
306	ALL		485175	3716825	7.22E-07	30YrCance	7.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
307	ALL		485225	3716825	6.34E-07	30YrCance	6.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
308	ALL		485275	3716825	6.44E-07	30YrCance	6.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
309	ALL		485325	3716825	6.41E-07	30YrCance	6.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
310	ALL		485375	3716825	6.23E-07	30YrCance	6.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
311	ALL		485425	3716825	5.97E-07	30YrCance	5.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
312	ALL		485475	3716825	5.66E-07	30YrCance	5.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
313	ALL		482925	3716875	7.21E-07	30YrCance	7.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
314	ALL		482975	3716875	7.61E-07	30YrCance	7.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
315	ALL		483025	3716875	7.94E-07	30YrCance	7.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:53:10 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmit30yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
316	ALL		483075	3716875	8.43E-07	30YrCance	8.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
317	ALL		483125	3716875	9.48E-07	30YrCance	9.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
318	ALL		483175	3716875	1.16E-06	30YrCance	1.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
319	ALL		483225	3716875	1.39E-06	30YrCance	1.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
320	ALL		483275	3716875	1.89E-06	30YrCance	1.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
321	ALL		483325	3716875	6.35E-06	30YrCance	6.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
322	ALL		483375	3716875	3.81E-06	30YrCance	3.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
323	ALL		483425	3716875	1.96E-06	30YrCance	1.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
324	ALL		483475	3716875	1.52E-06	30YrCance	1.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
325	ALL		483525	3716875	1.30E-06	30YrCance	1.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
326	ALL		483575	3716875	1.22E-06	30YrCance	1.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
327	ALL		483625	3716875	1.19E-06	30YrCance	1.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
328	ALL		483675	3716875	1.14E-06	30YrCance	1.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
329	ALL		483725	3716875	1.17E-06	30YrCance	1.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
330	ALL		483775	3716875	1.17E-06	30YrCance	1.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
331	ALL		483825	3716875	1.14E-06	30YrCance	1.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
332	ALL		483875	3716875	1.18E-06	30YrCance	1.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
333	ALL		483925	3716875	1.19E-06	30YrCance	1.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
334	ALL		483975	3716875	1.18E-06	30YrCance	1.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
335	ALL		484025	3716875	1.17E-06	30YrCance	1.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
336	ALL		484075	3716875	1.14E-06	30YrCance	1.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
337	ALL		484125	3716875	1.13E-06	30YrCance	1.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
338	ALL		484175	3716875	1.11E-06	30YrCance	1.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
339	ALL		484225	3716875	1.10E-06	30YrCance	1.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
340	ALL		484275	3716875	1.08E-06	30YrCance	1.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
341	ALL		484325	3716875	1.06E-06	30YrCance	1.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
342	ALL		484375	3716875	1.07E-06	30YrCance	1.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
343	ALL		484425	3716875	1.02E-06	30YrCance	1.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
344	ALL		484475	3716875	1.01E-06	30YrCance	1.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
345	ALL		484525	3716875	1.08E-06	30YrCance	1.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
346	ALL		484575	3716875	1.16E-06	30YrCance	1.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
347	ALL		484625	3716875	1.13E-06	30YrCance	1.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
348	ALL		484675	3716875	1.06E-06	30YrCance	1.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
349	ALL		484725	3716875	9.78E-07	30YrCance	9.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
350	ALL		484775	3716875	9.30E-07	30YrCance	9.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
351	ALL		484825	3716875	8.79E-07	30YrCance	8.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
352	ALL		484875	3716875	8.35E-07	30YrCance	8.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
353	ALL		484925	3716875	8.92E-07	30YrCance	8.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
354	ALL		484975	3716875	9.51E-07	30YrCance	9.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
355	ALL		485025	3716875	9.52E-07	30YrCance	9.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
356	ALL		485075	3716875	8.98E-07	30YrCance	8.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
357	ALL		485125	3716875	8.03E-07	30YrCance	8.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
358	ALL		485175	3716875	6.89E-07	30YrCance	6.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
359	ALL		485225	3716875	6.98E-07	30YrCance	6.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
360	ALL		485275	3716875	6.94E-07	30YrCance	6.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:53:10 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmit30yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
361	ALL		485325	3716875	6.72E-07	30YrCance	6.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
362	ALL		485375	3716875	6.38E-07	30YrCance	6.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
363	ALL		485425	3716875	5.96E-07	30YrCance	5.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
364	ALL		485475	3716875	5.44E-07	30YrCance	5.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
365	ALL		482925	3716925	6.95E-07	30YrCance	6.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
366	ALL		482975	3716925	7.38E-07	30YrCance	7.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
367	ALL		483025	3716925	7.82E-07	30YrCance	7.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
368	ALL		483075	3716925	8.64E-07	30YrCance	8.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
369	ALL		483125	3716925	9.78E-07	30YrCance	9.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
370	ALL		483175	3716925	1.09E-06	30YrCance	1.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
371	ALL		483225	3716925	1.32E-06	30YrCance	1.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
372	ALL		483275	3716925	1.76E-06	30YrCance	1.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
373	ALL		483325	3716925	3.11E-06	30YrCance	3.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
374	ALL		483375	3716925	9.71E-06	30YrCance	9.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
375	ALL		483425	3716925	2.45E-06	30YrCance	2.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
376	ALL		483475	3716925	1.68E-06	30YrCance	1.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
377	ALL		483525	3716925	1.37E-06	30YrCance	1.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
378	ALL		483575	3716925	1.19E-06	30YrCance	1.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
379	ALL		483625	3716925	1.48E-06	30YrCance	1.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
380	ALL		483675	3716925	1.79E-06	30YrCance	1.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
381	ALL		483725	3716925	1.24E-06	30YrCance	1.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
382	ALL		483775	3716925	1.27E-06	30YrCance	1.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
383	ALL		483825	3716925	1.27E-06	30YrCance	1.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
384	ALL		483875	3716925	1.24E-06	30YrCance	1.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
385	ALL		483925	3716925	1.27E-06	30YrCance	1.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
386	ALL		483975	3716925	1.29E-06	30YrCance	1.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
387	ALL		484025	3716925	1.31E-06	30YrCance	1.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
388	ALL		484075	3716925	1.30E-06	30YrCance	1.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
389	ALL		484125	3716925	1.27E-06	30YrCance	1.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
390	ALL		484175	3716925	1.22E-06	30YrCance	1.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
391	ALL		484225	3716925	1.20E-06	30YrCance	1.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
392	ALL		484275	3716925	1.18E-06	30YrCance	1.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
393	ALL		484325	3716925	1.15E-06	30YrCance	1.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
394	ALL		484375	3716925	1.16E-06	30YrCance	1.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
395	ALL		484425	3716925	1.09E-06	30YrCance	1.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
396	ALL		484475	3716925	1.08E-06	30YrCance	1.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
397	ALL		484525	3716925	1.20E-06	30YrCance	1.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
398	ALL		484575	3716925	1.24E-06	30YrCance	1.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
399	ALL		484625	3716925	1.14E-06	30YrCance	1.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
400	ALL		484675	3716925	1.18E-06	30YrCance	1.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
401	ALL		484725	3716925	1.14E-06	30YrCance	1.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
402	ALL		484775	3716925	1.03E-06	30YrCance	1.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
403	ALL		484825	3716925	9.52E-07	30YrCance	9.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
404	ALL		484875	3716925	9.52E-07	30YrCance	9.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
405	ALL		484925	3716925	1.03E-06	30YrCance	1.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:53:10 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmit30yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
406	ALL		484975	3716925	1.04E-06	30YrCance	1.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
407	ALL		485025	3716925	9.95E-07	30YrCance	9.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
408	ALL		485075	3716925	8.93E-07	30YrCance	8.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
409	ALL		485125	3716925	7.74E-07	30YrCance	7.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
410	ALL		485175	3716925	7.65E-07	30YrCance	7.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
411	ALL		485225	3716925	7.59E-07	30YrCance	7.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
412	ALL		485275	3716925	7.31E-07	30YrCance	7.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
413	ALL		485325	3716925	6.89E-07	30YrCance	6.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
414	ALL		485375	3716925	6.38E-07	30YrCance	6.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
415	ALL		485425	3716925	5.78E-07	30YrCance	5.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
416	ALL		485475	3716925	5.40E-07	30YrCance	5.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
417	ALL		482925	3716975	6.93E-07	30YrCance	6.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
418	ALL		482975	3716975	7.00E-07	30YrCance	7.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
419	ALL		483025	3716975	7.49E-07	30YrCance	7.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
420	ALL		483075	3716975	8.37E-07	30YrCance	8.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
421	ALL		483125	3716975	9.29E-07	30YrCance	9.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
422	ALL		483175	3716975	1.10E-06	30YrCance	1.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
423	ALL		483225	3716975	1.24E-06	30YrCance	1.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
424	ALL		483275	3716975	1.48E-06	30YrCance	1.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
425	ALL		483325	3716975	2.13E-06	30YrCance	2.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
426	ALL		483375	3716975	7.04E-06	30YrCance	7.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
427	ALL		483425	3716975	3.49E-06	30YrCance	3.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
428	ALL		483475	3716975	2.05E-06	30YrCance	2.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
429	ALL		483525	3716975	1.56E-06	30YrCance	1.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
430	ALL		483575	3716975	1.38E-06	30YrCance	1.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
431	ALL		483625	3716975	1.25E-06	30YrCance	1.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
432	ALL		483675	3716975	1.59E-06	30YrCance	1.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
433	ALL		483725	3716975	1.58E-06	30YrCance	1.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
434	ALL		483775	3716975	1.76E-06	30YrCance	1.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
435	ALL		483825	3716975	1.86E-06	30YrCance	1.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
436	ALL		483875	3716975	2.52E-06	30YrCance	2.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
437	ALL		483925	3716975	2.59E-06	30YrCance	2.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
438	ALL		483975	3716975	2.55E-06	30YrCance	2.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
439	ALL		484025	3716975	2.16E-06	30YrCance	2.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
440	ALL		484075	3716975	1.43E-06	30YrCance	1.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
441	ALL		484125	3716975	1.42E-06	30YrCance	1.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
442	ALL		484175	3716975	1.35E-06	30YrCance	1.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
443	ALL		484225	3716975	1.33E-06	30YrCance	1.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
444	ALL		484275	3716975	1.30E-06	30YrCance	1.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
445	ALL		484325	3716975	1.26E-06	30YrCance	1.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
446	ALL		484375	3716975	1.27E-06	30YrCance	1.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
447	ALL		484425	3716975	1.19E-06	30YrCance	1.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
448	ALL		484475	3716975	1.18E-06	30YrCance	1.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
449	ALL		484525	3716975	1.32E-06	30YrCance	1.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
450	ALL		484575	3716975	1.31E-06	30YrCance	1.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:53:10 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmit30yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
451	ALL		484625	3716975	1.16E-06	30YrCance	1.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
452	ALL		484675	3716975	1.17E-06	30YrCance	1.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
453	ALL		484725	3716975	1.67E-06	30YrCance	1.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
454	ALL		484775	3716975	1.17E-06	30YrCance	1.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
455	ALL		484825	3716975	1.04E-06	30YrCance	1.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
456	ALL		484875	3716975	1.12E-06	30YrCance	1.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
457	ALL		484925	3716975	1.16E-06	30YrCance	1.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
458	ALL		484975	3716975	1.12E-06	30YrCance	1.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
459	ALL		485025	3716975	1.01E-06	30YrCance	1.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
460	ALL		485075	3716975	8.63E-07	30YrCance	8.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
461	ALL		485125	3716975	8.40E-07	30YrCance	8.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
462	ALL		485175	3716975	8.35E-07	30YrCance	8.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
463	ALL		485225	3716975	8.04E-07	30YrCance	8.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
464	ALL		485275	3716975	7.50E-07	30YrCance	7.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
465	ALL		485325	3716975	6.87E-07	30YrCance	6.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
466	ALL		485375	3716975	6.21E-07	30YrCance	6.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
467	ALL		485425	3716975	5.71E-07	30YrCance	5.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
468	ALL		485475	3716975	5.46E-07	30YrCance	5.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
469	ALL		482925	3717025	7.21E-07	30YrCance	7.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
470	ALL		482975	3717025	7.43E-07	30YrCance	7.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
471	ALL		483025	3717025	7.80E-07	30YrCance	7.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
472	ALL		483075	3717025	8.22E-07	30YrCance	8.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
473	ALL		483125	3717025	9.26E-07	30YrCance	9.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
474	ALL		483175	3717025	1.06E-06	30YrCance	1.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
475	ALL		483225	3717025	1.13E-06	30YrCance	1.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
476	ALL		483275	3717025	1.27E-06	30YrCance	1.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
477	ALL		483325	3717025	1.77E-06	30YrCance	1.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
478	ALL		483375	3717025	3.25E-06	30YrCance	3.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
479	ALL		483425	3717025	9.49E-06	30YrCance	9.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
480	ALL		483475	3717025	2.53E-06	30YrCance	2.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
481	ALL		483525	3717025	1.87E-06	30YrCance	1.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
482	ALL		483575	3717025	1.60E-06	30YrCance	1.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
483	ALL		483625	3717025	1.49E-06	30YrCance	1.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
484	ALL		483675	3717025	1.53E-06	30YrCance	1.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
485	ALL		483725	3717025	2.39E-06	30YrCance	2.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
486	ALL		483775	3717025	2.66E-06	30YrCance	2.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
487	ALL		483825	3717025	2.32E-06	30YrCance	2.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
488	ALL		483875	3717025	2.58E-06	30YrCance	2.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
489	ALL		483925	3717025	2.89E-06	30YrCance	2.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
490	ALL		483975	3717025	2.90E-06	30YrCance	2.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
491	ALL		484025	3717025	3.02E-06	30YrCance	3.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
492	ALL		484075	3717025	2.30E-06	30YrCance	2.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
493	ALL		484125	3717025	1.58E-06	30YrCance	1.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
494	ALL		484175	3717025	1.55E-06	30YrCance	1.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
495	ALL		484225	3717025	1.49E-06	30YrCance	1.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:53:10 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmit30yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
496	ALL		484275	3717025	1.42E-06	30YrCance	1.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
497	ALL		484325	3717025	1.39E-06	30YrCance	1.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
498	ALL		484375	3717025	1.40E-06	30YrCance	1.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
499	ALL		484425	3717025	1.31E-06	30YrCance	1.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
500	ALL		484475	3717025	1.34E-06	30YrCance	1.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
501	ALL		484525	3717025	1.44E-06	30YrCance	1.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
502	ALL		484575	3717025	1.37E-06	30YrCance	1.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
503	ALL		484625	3717025	1.20E-06	30YrCance	1.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
504	ALL		484675	3717025	1.20E-06	30YrCance	1.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
505	ALL		484725	3717025	1.23E-06	30YrCance	1.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
506	ALL		484775	3717025	1.24E-06	30YrCance	1.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
507	ALL		484825	3717025	1.25E-06	30YrCance	1.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
508	ALL		484875	3717025	1.28E-06	30YrCance	1.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
509	ALL		484925	3717025	1.26E-06	30YrCance	1.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
510	ALL		484975	3717025	1.15E-06	30YrCance	1.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
511	ALL		485025	3717025	9.92E-07	30YrCance	9.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
512	ALL		485075	3717025	9.28E-07	30YrCance	9.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
513	ALL		485125	3717025	9.16E-07	30YrCance	9.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
514	ALL		485175	3717025	8.81E-07	30YrCance	8.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
515	ALL		485225	3717025	8.23E-07	30YrCance	8.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
516	ALL		485275	3717025	7.49E-07	30YrCance	7.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
517	ALL		485325	3717025	6.67E-07	30YrCance	6.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
518	ALL		485375	3717025	6.07E-07	30YrCance	6.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
519	ALL		485425	3717025	5.85E-07	30YrCance	5.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
520	ALL		485475	3717025	5.66E-07	30YrCance	5.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
521	ALL		482925	3717075	7.46E-07	30YrCance	7.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
522	ALL		482975	3717075	7.83E-07	30YrCance	7.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
523	ALL		483025	3717075	8.22E-07	30YrCance	8.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
524	ALL		483075	3717075	8.58E-07	30YrCance	8.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
525	ALL		483125	3717075	9.45E-07	30YrCance	9.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
526	ALL		483175	3717075	1.01E-06	30YrCance	1.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
527	ALL		483225	3717075	1.07E-06	30YrCance	1.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
528	ALL		483275	3717075	1.21E-06	30YrCance	1.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
529	ALL		483325	3717075	1.49E-06	30YrCance	1.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
530	ALL		483375	3717075	2.13E-06	30YrCance	2.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
531	ALL		483425	3717075	7.08E-06	30YrCance	7.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
532	ALL		483475	3717075	3.69E-06	30YrCance	3.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
533	ALL		483525	3717075	2.21E-06	30YrCance	2.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
534	ALL		483575	3717075	1.85E-06	30YrCance	1.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
535	ALL		483625	3717075	1.66E-06	30YrCance	1.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
536	ALL		483675	3717075	1.53E-06	30YrCance	1.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
537	ALL		483725	3717075	2.01E-06	30YrCance	2.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
538	ALL		483775	3717075	2.44E-06	30YrCance	2.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
539	ALL		483825	3717075	1.77E-06	30YrCance	1.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
540	ALL		483875	3717075	1.53E-06	30YrCance	1.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:53:10 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmit30yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
541	ALL		483925	3717075	2.57E-06	30YrCance	2.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
542	ALL		483975	3717075	3.09E-06	30YrCance	3.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
543	ALL		484025	3717075	3.24E-06	30YrCance	3.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
544	ALL		484075	3717075	3.31E-06	30YrCance	3.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
545	ALL		484125	3717075	2.90E-06	30YrCance	2.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
546	ALL		484175	3717075	1.74E-06	30YrCance	1.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
547	ALL		484225	3717075	1.65E-06	30YrCance	1.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
548	ALL		484275	3717075	1.57E-06	30YrCance	1.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
549	ALL		484325	3717075	1.56E-06	30YrCance	1.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
550	ALL		484375	3717075	1.55E-06	30YrCance	1.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
551	ALL		484425	3717075	1.44E-06	30YrCance	1.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
552	ALL		484475	3717075	1.53E-06	30YrCance	1.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
553	ALL		484525	3717075	1.55E-06	30YrCance	1.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
554	ALL		484575	3717075	1.42E-06	30YrCance	1.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
555	ALL		484625	3717075	1.27E-06	30YrCance	1.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
556	ALL		484675	3717075	1.23E-06	30YrCance	1.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
557	ALL		484725	3717075	1.23E-06	30YrCance	1.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
558	ALL		484775	3717075	1.30E-06	30YrCance	1.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
559	ALL		484825	3717075	1.51E-06	30YrCance	1.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
560	ALL		484875	3717075	1.45E-06	30YrCance	1.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
561	ALL		484925	3717075	1.32E-06	30YrCance	1.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
562	ALL		484975	3717075	1.13E-06	30YrCance	1.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
563	ALL		485025	3717075	1.04E-06	30YrCance	1.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
564	ALL		485075	3717075	1.02E-06	30YrCance	1.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
565	ALL		485125	3717075	9.70E-07	30YrCance	9.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
566	ALL		485175	3717075	9.01E-07	30YrCance	9.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
567	ALL		485225	3717075	8.16E-07	30YrCance	8.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
568	ALL		485275	3717075	7.25E-07	30YrCance	7.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
569	ALL		485325	3717075	6.51E-07	30YrCance	6.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
570	ALL		485375	3717075	6.20E-07	30YrCance	6.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
571	ALL		485425	3717075	6.03E-07	30YrCance	6.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
572	ALL		485475	3717075	5.79E-07	30YrCance	5.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
573	ALL		482925	3717125	7.59E-07	30YrCance	7.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
574	ALL		482975	3717125	8.06E-07	30YrCance	8.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
575	ALL		483025	3717125	8.36E-07	30YrCance	8.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
576	ALL		483075	3717125	8.66E-07	30YrCance	8.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
577	ALL		483125	3717125	9.24E-07	30YrCance	9.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
578	ALL		483175	3717125	9.75E-07	30YrCance	9.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
579	ALL		483225	3717125	9.83E-07	30YrCance	9.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
580	ALL		483275	3717125	1.10E-06	30YrCance	1.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
581	ALL		483325	3717125	1.36E-06	30YrCance	1.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
582	ALL		483375	3717125	1.76E-06	30YrCance	1.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
583	ALL		483425	3717125	3.07E-06	30YrCance	3.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
584	ALL		483475	3717125	9.74E-06	30YrCance	9.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
585	ALL		483525	3717125	2.81E-06	30YrCance	2.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:53:10 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmit30yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
586	ALL		483575	3717125	2.06E-06	30YrCance	2.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
587	ALL		483625	3717125	1.87E-06	30YrCance	1.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
588	ALL		483675	3717125	1.75E-06	30YrCance	1.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
589	ALL		483725	3717125	1.61E-06	30YrCance	1.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
590	ALL		483775	3717125	1.56E-06	30YrCance	1.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
591	ALL		483825	3717125	1.72E-06	30YrCance	1.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
592	ALL		483875	3717125	1.76E-06	30YrCance	1.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
593	ALL		483925	3717125	1.73E-06	30YrCance	1.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
594	ALL		483975	3717125	2.37E-06	30YrCance	2.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
595	ALL		484025	3717125	2.72E-06	30YrCance	2.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
596	ALL		484075	3717125	3.44E-06	30YrCance	3.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
597	ALL		484125	3717125	3.42E-06	30YrCance	3.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
598	ALL		484175	3717125	1.92E-06	30YrCance	1.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
599	ALL		484225	3717125	1.86E-06	30YrCance	1.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
600	ALL		484275	3717125	1.78E-06	30YrCance	1.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
601	ALL		484325	3717125	1.76E-06	30YrCance	1.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
602	ALL		484375	3717125	1.73E-06	30YrCance	1.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
603	ALL		484425	3717125	1.58E-06	30YrCance	1.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
604	ALL		484475	3717125	1.73E-06	30YrCance	1.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
605	ALL		484525	3717125	1.69E-06	30YrCance	1.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
606	ALL		484575	3717125	1.46E-06	30YrCance	1.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
607	ALL		484625	3717125	1.34E-06	30YrCance	1.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
608	ALL		484675	3717125	1.30E-06	30YrCance	1.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
609	ALL		484725	3717125	1.36E-06	30YrCance	1.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
610	ALL		484775	3717125	1.54E-06	30YrCance	1.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
611	ALL		484825	3717125	1.61E-06	30YrCance	1.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
612	ALL		484875	3717125	1.63E-06	30YrCance	1.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
613	ALL		484925	3717125	1.32E-06	30YrCance	1.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
614	ALL		484975	3717125	1.16E-06	30YrCance	1.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
615	ALL		485025	3717125	1.14E-06	30YrCance	1.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
616	ALL		485075	3717125	1.08E-06	30YrCance	1.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
617	ALL		485125	3717125	9.91E-07	30YrCance	9.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
618	ALL		485175	3717125	8.90E-07	30YrCance	8.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
619	ALL		485225	3717125	7.86E-07	30YrCance	7.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
620	ALL		485275	3717125	7.11E-07	30YrCance	7.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
621	ALL		485325	3717125	6.74E-07	30YrCance	6.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
622	ALL		485375	3717125	6.38E-07	30YrCance	6.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
623	ALL		485425	3717125	6.13E-07	30YrCance	6.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
624	ALL		485475	3717125	5.90E-07	30YrCance	5.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
625	ALL		482925	3717175	7.78E-07	30YrCance	7.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
626	ALL		482975	3717175	8.21E-07	30YrCance	8.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
627	ALL		483025	3717175	8.62E-07	30YrCance	8.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
628	ALL		483075	3717175	9.07E-07	30YrCance	9.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
629	ALL		483125	3717175	9.44E-07	30YrCance	9.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
630	ALL		483175	3717175	9.78E-07	30YrCance	9.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:53:10 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmit30yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
631	ALL		483225	3717175	1.03E-06	30YrCance	1.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
632	ALL		483275	3717175	1.12E-06	30YrCance	1.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
633	ALL		483325	3717175	1.28E-06	30YrCance	1.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
634	ALL		483375	3717175	1.47E-06	30YrCance	1.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
635	ALL		483425	3717175	1.95E-06	30YrCance	1.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
636	ALL		483475	3717175	6.13E-06	30YrCance	6.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
637	ALL		483525	3717175	5.17E-06	30YrCance	5.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
638	ALL		483575	3717175	2.53E-06	30YrCance	2.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
639	ALL		483625	3717175	2.09E-06	30YrCance	2.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
640	ALL		483675	3717175	1.94E-06	30YrCance	1.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
641	ALL		483725	3717175	1.87E-06	30YrCance	1.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
642	ALL		483775	3717175	1.83E-06	30YrCance	1.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
643	ALL		483825	3717175	1.88E-06	30YrCance	1.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
644	ALL		483875	3717175	1.96E-06	30YrCance	1.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
645	ALL		483925	3717175	1.96E-06	30YrCance	1.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
646	ALL		483975	3717175	1.99E-06	30YrCance	1.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
647	ALL		484025	3717175	2.04E-06	30YrCance	2.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
648	ALL		484075	3717175	2.83E-06	30YrCance	2.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
649	ALL		484125	3717175	2.82E-06	30YrCance	2.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
650	ALL		484175	3717175	2.52E-06	30YrCance	2.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
651	ALL		484225	3717175	2.13E-06	30YrCance	2.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
652	ALL		484275	3717175	2.01E-06	30YrCance	2.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
653	ALL		484325	3717175	2.00E-06	30YrCance	2.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
654	ALL		484375	3717175	1.91E-06	30YrCance	1.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
655	ALL		484425	3717175	1.80E-06	30YrCance	1.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
656	ALL		484475	3717175	1.95E-06	30YrCance	1.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
657	ALL		484525	3717175	1.84E-06	30YrCance	1.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
658	ALL		484575	3717175	1.54E-06	30YrCance	1.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
659	ALL		484625	3717175	1.48E-06	30YrCance	1.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
660	ALL		484675	3717175	1.42E-06	30YrCance	1.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
661	ALL		484725	3717175	1.63E-06	30YrCance	1.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
662	ALL		484775	3717175	1.77E-06	30YrCance	1.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
663	ALL		484825	3717175	1.72E-06	30YrCance	1.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
664	ALL		484875	3717175	1.52E-06	30YrCance	1.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
665	ALL		484925	3717175	1.31E-06	30YrCance	1.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
666	ALL		484975	3717175	1.28E-06	30YrCance	1.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
667	ALL		485025	3717175	1.21E-06	30YrCance	1.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
668	ALL		485075	3717175	1.10E-06	30YrCance	1.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
669	ALL		485125	3717175	9.75E-07	30YrCance	9.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
670	ALL		485175	3717175	8.52E-07	30YrCance	8.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
671	ALL		485225	3717175	7.68E-07	30YrCance	7.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
672	ALL		485275	3717175	7.35E-07	30YrCance	7.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
673	ALL		485325	3717175	6.95E-07	30YrCance	6.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
674	ALL		485375	3717175	6.62E-07	30YrCance	6.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
675	ALL		485425	3717175	6.29E-07	30YrCance	6.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:53:10 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmit30yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
676	ALL		485475	3717175	6.01E-07	30YrCance	6.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
677	ALL		482925	3717225	7.83E-07	30YrCance	7.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
678	ALL		482975	3717225	8.36E-07	30YrCance	8.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
679	ALL		483025	3717225	8.90E-07	30YrCance	8.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
680	ALL		483075	3717225	9.43E-07	30YrCance	9.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
681	ALL		483125	3717225	9.81E-07	30YrCance	9.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
682	ALL		483175	3717225	1.03E-06	30YrCance	1.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
683	ALL		483225	3717225	1.09E-06	30YrCance	1.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
684	ALL		483275	3717225	1.19E-06	30YrCance	1.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
685	ALL		483325	3717225	1.31E-06	30YrCance	1.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
686	ALL		483375	3717225	1.45E-06	30YrCance	1.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
687	ALL		483425	3717225	1.79E-06	30YrCance	1.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
688	ALL		483475	3717225	2.86E-06	30YrCance	2.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
689	ALL		483525	3717225	7.93E-06	30YrCance	7.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
690	ALL		483575	3717225	3.52E-06	30YrCance	3.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
691	ALL		483625	3717225	2.45E-06	30YrCance	2.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
692	ALL		483675	3717225	2.17E-06	30YrCance	2.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
693	ALL		483725	3717225	2.08E-06	30YrCance	2.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
694	ALL		483775	3717225	2.04E-06	30YrCance	2.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
695	ALL		483825	3717225	2.03E-06	30YrCance	2.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
696	ALL		483875	3717225	2.12E-06	30YrCance	2.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
697	ALL		483925	3717225	2.21E-06	30YrCance	2.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
698	ALL		483975	3717225	2.17E-06	30YrCance	2.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
699	ALL		484025	3717225	2.27E-06	30YrCance	2.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
700	ALL		484075	3717225	2.33E-06	30YrCance	2.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
701	ALL		484125	3717225	2.38E-06	30YrCance	2.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
702	ALL		484175	3717225	2.40E-06	30YrCance	2.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
703	ALL		484225	3717225	2.26E-06	30YrCance	2.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
704	ALL		484275	3717225	2.22E-06	30YrCance	2.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
705	ALL		484325	3717225	2.27E-06	30YrCance	2.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
706	ALL		484375	3717225	2.14E-06	30YrCance	2.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
707	ALL		484425	3717225	2.08E-06	30YrCance	2.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
708	ALL		484475	3717225	2.21E-06	30YrCance	2.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
709	ALL		484525	3717225	1.97E-06	30YrCance	1.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
710	ALL		484575	3717225	1.71E-06	30YrCance	1.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
711	ALL		484625	3717225	1.63E-06	30YrCance	1.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
712	ALL		484675	3717225	1.79E-06	30YrCance	1.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
713	ALL		484725	3717225	1.94E-06	30YrCance	1.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
714	ALL		484775	3717225	1.94E-06	30YrCance	1.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
715	ALL		484825	3717225	1.73E-06	30YrCance	1.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
716	ALL		484875	3717225	1.47E-06	30YrCance	1.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
717	ALL		484925	3717225	1.45E-06	30YrCance	1.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
718	ALL		484975	3717225	1.35E-06	30YrCance	1.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
719	ALL		485025	3717225	1.23E-06	30YrCance	1.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
720	ALL		485075	3717225	1.08E-06	30YrCance	1.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:53:10 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmit30yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
721	ALL		485125	3717225	9.30E-07	30YrCance	9.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
722	ALL		485175	3717225	8.35E-07	30YrCance	8.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
723	ALL		485225	3717225	7.92E-07	30YrCance	7.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
724	ALL		485275	3717225	7.56E-07	30YrCance	7.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
725	ALL		485325	3717225	7.17E-07	30YrCance	7.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
726	ALL		485375	3717225	6.88E-07	30YrCance	6.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
727	ALL		485425	3717225	6.62E-07	30YrCance	6.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
728	ALL		485475	3717225	6.42E-07	30YrCance	6.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
729	ALL		482925	3717275	7.73E-07	30YrCance	7.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
730	ALL		482975	3717275	8.33E-07	30YrCance	8.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
731	ALL		483025	3717275	8.96E-07	30YrCance	8.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
732	ALL		483075	3717275	9.62E-07	30YrCance	9.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
733	ALL		483125	3717275	1.02E-06	30YrCance	1.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
734	ALL		483175	3717275	1.09E-06	30YrCance	1.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
735	ALL		483225	3717275	1.15E-06	30YrCance	1.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
736	ALL		483275	3717275	1.24E-06	30YrCance	1.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
737	ALL		483325	3717275	1.34E-06	30YrCance	1.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
738	ALL		483375	3717275	1.50E-06	30YrCance	1.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
739	ALL		483425	3717275	1.78E-06	30YrCance	1.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
740	ALL		483475	3717275	2.29E-06	30YrCance	2.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
741	ALL		483525	3717275	4.08E-06	30YrCance	4.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
742	ALL		483575	3717275	9.57E-06	30YrCance	9.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
743	ALL		483625	3717275	3.07E-06	30YrCance	3.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
744	ALL		483675	3717275	2.45E-06	30YrCance	2.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
745	ALL		483725	3717275	2.27E-06	30YrCance	2.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
746	ALL		483775	3717275	2.24E-06	30YrCance	2.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
747	ALL		483825	3717275	2.21E-06	30YrCance	2.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
748	ALL		483875	3717275	2.25E-06	30YrCance	2.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
749	ALL		483925	3717275	2.48E-06	30YrCance	2.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
750	ALL		483975	3717275	2.48E-06	30YrCance	2.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
751	ALL		484025	3717275	2.50E-06	30YrCance	2.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
752	ALL		484075	3717275	2.60E-06	30YrCance	2.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
753	ALL		484125	3717275	2.65E-06	30YrCance	2.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
754	ALL		484175	3717275	2.65E-06	30YrCance	2.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
755	ALL		484225	3717275	2.62E-06	30YrCance	2.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
756	ALL		484275	3717275	2.54E-06	30YrCance	2.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
757	ALL		484325	3717275	2.62E-06	30YrCance	2.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
758	ALL		484375	3717275	2.44E-06	30YrCance	2.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
759	ALL		484425	3717275	2.47E-06	30YrCance	2.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
760	ALL		484475	3717275	2.51E-06	30YrCance	2.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
761	ALL		484525	3717275	2.11E-06	30YrCance	2.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
762	ALL		484575	3717275	1.93E-06	30YrCance	1.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
763	ALL		484625	3717275	1.97E-06	30YrCance	1.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
764	ALL		484675	3717275	2.21E-06	30YrCance	2.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
765	ALL		484725	3717275	2.24E-06	30YrCance	2.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:53:10 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmit30yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
766	ALL		484775	3717275	2.03E-06	30YrCance	2.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
767	ALL		484825	3717275	1.66E-06	30YrCance	1.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
768	ALL		484875	3717275	1.63E-06	30YrCance	1.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
769	ALL		484925	3717275	1.53E-06	30YrCance	1.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
770	ALL		484975	3717275	1.38E-06	30YrCance	1.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
771	ALL		485025	3717275	1.22E-06	30YrCance	1.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
772	ALL		485075	3717275	1.03E-06	30YrCance	1.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
773	ALL		485125	3717275	9.26E-07	30YrCance	9.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
774	ALL		485175	3717275	8.64E-07	30YrCance	8.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
775	ALL		485225	3717275	8.21E-07	30YrCance	8.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
776	ALL		485275	3717275	7.76E-07	30YrCance	7.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
777	ALL		485325	3717275	7.56E-07	30YrCance	7.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
778	ALL		485375	3717275	7.36E-07	30YrCance	7.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
779	ALL		485425	3717275	7.04E-07	30YrCance	7.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
780	ALL		485475	3717275	6.54E-07	30YrCance	6.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
781	ALL		482925	3717325	7.54E-07	30YrCance	7.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
782	ALL		482975	3717325	8.12E-07	30YrCance	8.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
783	ALL		483025	3717325	8.83E-07	30YrCance	8.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
784	ALL		483075	3717325	9.58E-07	30YrCance	9.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
785	ALL		483125	3717325	1.04E-06	30YrCance	1.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
786	ALL		483175	3717325	1.12E-06	30YrCance	1.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
787	ALL		483225	3717325	1.21E-06	30YrCance	1.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
788	ALL		483275	3717325	1.30E-06	30YrCance	1.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
789	ALL		483325	3717325	1.39E-06	30YrCance	1.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
790	ALL		483375	3717325	1.51E-06	30YrCance	1.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
791	ALL		483425	3717325	1.73E-06	30YrCance	1.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
792	ALL		483475	3717325	2.08E-06	30YrCance	2.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
793	ALL		483525	3717325	2.80E-06	30YrCance	2.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
794	ALL		483575	3717325	7.62E-06	30YrCance	7.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
795	ALL		483625	3717325	4.91E-06	30YrCance	4.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
796	ALL		483675	3717325	2.97E-06	30YrCance	2.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
797	ALL		483725	3717325	2.64E-06	30YrCance	2.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
798	ALL		483775	3717325	2.56E-06	30YrCance	2.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
799	ALL		483825	3717325	2.55E-06	30YrCance	2.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
800	ALL		483875	3717325	2.57E-06	30YrCance	2.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
801	ALL		483925	3717325	2.74E-06	30YrCance	2.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
802	ALL		483975	3717325	2.92E-06	30YrCance	2.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
803	ALL		484025	3717325	2.84E-06	30YrCance	2.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
804	ALL		484075	3717325	2.93E-06	30YrCance	2.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
805	ALL		484125	3717325	2.97E-06	30YrCance	2.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
806	ALL		484175	3717325	3.01E-06	30YrCance	3.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
807	ALL		484225	3717325	3.00E-06	30YrCance	3.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
808	ALL		484275	3717325	2.91E-06	30YrCance	2.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
809	ALL		484325	3717325	3.05E-06	30YrCance	3.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
810	ALL		484375	3717325	2.77E-06	30YrCance	2.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:53:10 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmit30yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
811	ALL		484425	3717325	2.95E-06	30YrCance	2.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
812	ALL		484475	3717325	2.79E-06	30YrCance	2.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
813	ALL		484525	3717325	2.32E-06	30YrCance	2.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
814	ALL		484575	3717325	2.19E-06	30YrCance	2.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
815	ALL		484625	3717325	2.53E-06	30YrCance	2.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
816	ALL		484675	3717325	2.64E-06	30YrCance	2.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
817	ALL		484725	3717325	2.43E-06	30YrCance	2.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
818	ALL		484775	3717325	1.99E-06	30YrCance	1.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
819	ALL		484825	3717325	1.87E-06	30YrCance	1.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
820	ALL		484875	3717325	1.74E-06	30YrCance	1.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
821	ALL		484925	3717325	1.55E-06	30YrCance	1.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
822	ALL		484975	3717325	1.36E-06	30YrCance	1.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
823	ALL		485025	3717325	1.16E-06	30YrCance	1.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
824	ALL		485075	3717325	1.06E-06	30YrCance	1.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
825	ALL		485125	3717325	9.72E-07	30YrCance	9.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
826	ALL		485175	3717325	9.01E-07	30YrCance	9.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
827	ALL		485225	3717325	8.68E-07	30YrCance	8.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
828	ALL		485275	3717325	8.42E-07	30YrCance	8.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
829	ALL		485325	3717325	8.03E-07	30YrCance	8.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
830	ALL		485375	3717325	7.56E-07	30YrCance	7.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
831	ALL		485425	3717325	7.01E-07	30YrCance	7.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
832	ALL		485475	3717325	6.35E-07	30YrCance	6.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
833	ALL		482925	3717375	7.77E-07	30YrCance	7.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
834	ALL		482975	3717375	8.13E-07	30YrCance	8.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
835	ALL		483025	3717375	8.58E-07	30YrCance	8.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
836	ALL		483075	3717375	9.30E-07	30YrCance	9.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
837	ALL		483125	3717375	1.02E-06	30YrCance	1.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
838	ALL		483175	3717375	1.11E-06	30YrCance	1.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
839	ALL		483225	3717375	1.21E-06	30YrCance	1.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
840	ALL		483275	3717375	1.32E-06	30YrCance	1.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
841	ALL		483325	3717375	1.44E-06	30YrCance	1.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
842	ALL		483375	3717375	1.58E-06	30YrCance	1.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
843	ALL		483425	3717375	1.74E-06	30YrCance	1.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
844	ALL		483475	3717375	1.98E-06	30YrCance	1.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
845	ALL		483525	3717375	2.39E-06	30YrCance	2.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
846	ALL		483575	3717375	3.48E-06	30YrCance	3.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
847	ALL		483625	3717375	9.18E-06	30YrCance	9.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
848	ALL		483675	3717375	4.07E-06	30YrCance	4.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
849	ALL		483725	3717375	3.16E-06	30YrCance	3.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
850	ALL		483775	3717375	2.99E-06	30YrCance	2.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
851	ALL		483825	3717375	2.98E-06	30YrCance	2.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
852	ALL		483875	3717375	3.02E-06	30YrCance	3.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
853	ALL		483925	3717375	3.05E-06	30YrCance	3.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
854	ALL		483975	3717375	3.36E-06	30YrCance	3.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
855	ALL		484025	3717375	3.42E-06	30YrCance	3.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:53:10 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmit30yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
856	ALL		484075	3717375	3.36E-06	30YrCance	3.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
857	ALL		484125	3717375	3.44E-06	30YrCance	3.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
858	ALL		484175	3717375	3.50E-06	30YrCance	3.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
859	ALL		484225	3717375	3.50E-06	30YrCance	3.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
860	ALL		484275	3717375	3.45E-06	30YrCance	3.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
861	ALL		484325	3717375	3.59E-06	30YrCance	3.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
862	ALL		484375	3717375	3.23E-06	30YrCance	3.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
863	ALL		484425	3717375	3.47E-06	30YrCance	3.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
864	ALL		484475	3717375	3.03E-06	30YrCance	3.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
865	ALL		484525	3717375	2.63E-06	30YrCance	2.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
866	ALL		484575	3717375	2.87E-06	30YrCance	2.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
867	ALL		484625	3717375	3.13E-06	30YrCance	3.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
868	ALL		484675	3717375	2.95E-06	30YrCance	2.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
869	ALL		484725	3717375	2.43E-06	30YrCance	2.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
870	ALL		484775	3717375	2.22E-06	30YrCance	2.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
871	ALL		484825	3717375	2.02E-06	30YrCance	2.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
872	ALL		484875	3717375	1.77E-06	30YrCance	1.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
873	ALL		484925	3717375	1.50E-06	30YrCance	1.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
874	ALL		484975	3717375	1.27E-06	30YrCance	1.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
875	ALL		485025	3717375	1.21E-06	30YrCance	1.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
876	ALL		485075	3717375	1.11E-06	30YrCance	1.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
877	ALL		485125	3717375	1.02E-06	30YrCance	1.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
878	ALL		485175	3717375	9.89E-07	30YrCance	9.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
879	ALL		485225	3717375	9.39E-07	30YrCance	9.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
880	ALL		485275	3717375	8.73E-07	30YrCance	8.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
881	ALL		485325	3717375	7.98E-07	30YrCance	7.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
882	ALL		485375	3717375	7.37E-07	30YrCance	7.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
883	ALL		485425	3717375	7.11E-07	30YrCance	7.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
884	ALL		485475	3717375	6.50E-07	30YrCance	6.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
885	ALL		482925	3717425	7.83E-07	30YrCance	7.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
886	ALL		482975	3717425	8.28E-07	30YrCance	8.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
887	ALL		483025	3717425	8.73E-07	30YrCance	8.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
888	ALL		483075	3717425	9.27E-07	30YrCance	9.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
889	ALL		483125	3717425	9.82E-07	30YrCance	9.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
890	ALL		483175	3717425	1.07E-06	30YrCance	1.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
891	ALL		483225	3717425	1.18E-06	30YrCance	1.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
892	ALL		483275	3717425	1.31E-06	30YrCance	1.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
893	ALL		483325	3717425	1.44E-06	30YrCance	1.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
894	ALL		483375	3717425	1.60E-06	30YrCance	1.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
895	ALL		483425	3717425	1.78E-06	30YrCance	1.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
896	ALL		483475	3717425	2.00E-06	30YrCance	2.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
897	ALL		483525	3717425	2.30E-06	30YrCance	2.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
898	ALL		483575	3717425	2.85E-06	30YrCance	2.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
899	ALL		483625	3717425	4.81E-06	30YrCance	4.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
900	ALL		483675	3717425	9.75E-06	30YrCance	9.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:53:10 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmit30yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_E	EGG_RISK
901	ALL		483725	3717425	4.51E-06	30YrCance	4.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
902	ALL		483775	3717425	3.86E-06	30YrCance	3.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
903	ALL		483825	3717425	3.54E-06	30YrCance	3.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
904	ALL		483875	3717425	3.51E-06	30YrCance	3.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
905	ALL		483925	3717425	3.53E-06	30YrCance	3.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
906	ALL		483975	3717425	3.76E-06	30YrCance	3.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
907	ALL		484025	3717425	4.14E-06	30YrCance	4.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
908	ALL		484075	3717425	3.97E-06	30YrCance	3.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
909	ALL		484125	3717425	4.13E-06	30YrCance	4.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
910	ALL		484175	3717425	4.20E-06	30YrCance	4.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
911	ALL		484225	3717425	4.20E-06	30YrCance	4.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
912	ALL		484275	3717425	4.22E-06	30YrCance	4.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
913	ALL		484325	3717425	4.36E-06	30YrCance	4.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
914	ALL		484375	3717425	4.01E-06	30YrCance	4.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
915	ALL		484425	3717425	4.04E-06	30YrCance	4.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
916	ALL		484475	3717425	3.26E-06	30YrCance	3.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
917	ALL		484525	3717425	3.22E-06	30YrCance	3.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
918	ALL		484575	3717425	3.70E-06	30YrCance	3.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
919	ALL		484625	3717425	3.65E-06	30YrCance	3.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
920	ALL		484675	3717425	3.04E-06	30YrCance	3.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
921	ALL		484725	3717425	2.65E-06	30YrCance	2.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
922	ALL		484775	3717425	2.40E-06	30YrCance	2.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
923	ALL		484825	3717425	2.05E-06	30YrCance	2.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
924	ALL		484875	3717425	1.69E-06	30YrCance	1.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
925	ALL		484925	3717425	1.39E-06	30YrCance	1.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
926	ALL		484975	3717425	1.33E-06	30YrCance	1.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
927	ALL		485025	3717425	1.26E-06	30YrCance	1.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
928	ALL		485075	3717425	1.20E-06	30YrCance	1.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
929	ALL		485125	3717425	1.13E-06	30YrCance	1.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
930	ALL		485175	3717425	1.04E-06	30YrCance	1.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
931	ALL		485225	3717425	9.38E-07	30YrCance	9.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
932	ALL		485275	3717425	8.38E-07	30YrCance	8.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
933	ALL		485325	3717425	7.74E-07	30YrCance	7.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
934	ALL		485375	3717425	7.39E-07	30YrCance	7.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
935	ALL		485425	3717425	7.17E-07	30YrCance	7.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
936	ALL		485475	3717425	6.74E-07	30YrCance	6.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
937	ALL		482925	3717475	7.82E-07	30YrCance	7.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
938	ALL		482975	3717475	8.27E-07	30YrCance	8.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
939	ALL		483025	3717475	8.77E-07	30YrCance	8.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
940	ALL		483075	3717475	9.35E-07	30YrCance	9.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
941	ALL		483125	3717475	9.93E-07	30YrCance	9.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
942	ALL		483175	3717475	1.06E-06	30YrCance	1.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
943	ALL		483225	3717475	1.14E-06	30YrCance	1.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
944	ALL		483275	3717475	1.26E-06	30YrCance	1.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
945	ALL		483325	3717475	1.40E-06	30YrCance	1.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:53:10 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmit30yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
946	ALL		483375	3717475	1.57E-06	30YrCance	1.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
947	ALL		483425	3717475	1.77E-06	30YrCance	1.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
948	ALL		483475	3717475	2.00E-06	30YrCance	2.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
949	ALL		483525	3717475	2.30E-06	30YrCance	2.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
950	ALL		483575	3717475	2.71E-06	30YrCance	2.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
951	ALL		483625	3717475	3.55E-06	30YrCance	3.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
952	ALL		483675	3717475	9.04E-06	30YrCance	9.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
953	ALL		483725	3717475	7.68E-06	30YrCance	7.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
954	ALL		483775	3717475	9.39E-06	30YrCance	9.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
955	ALL		483825	3717475	5.34E-06	30YrCance	5.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
956	ALL		483875	3717475	4.55E-06	30YrCance	4.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
957	ALL		483925	3717475	4.30E-06	30YrCance	4.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
958	ALL		483975	3717475	4.33E-06	30YrCance	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
959	ALL		484025	3717475	4.97E-06	30YrCance	4.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
960	ALL		484075	3717475	5.24E-06	30YrCance	5.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
961	ALL		484125	3717475	5.16E-06	30YrCance	5.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
962	ALL		484175	3717475	5.32E-06	30YrCance	5.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
963	ALL		484225	3717475	5.31E-06	30YrCance	5.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
964	ALL		484275	3717475	5.39E-06	30YrCance	5.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
965	ALL		484325	3717475	5.43E-06	30YrCance	5.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
966	ALL		484375	3717475	5.04E-06	30YrCance	5.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
967	ALL		484425	3717475	4.66E-06	30YrCance	4.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
968	ALL		484475	3717475	3.81E-06	30YrCance	3.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
969	ALL		484525	3717475	4.33E-06	30YrCance	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
970	ALL		484575	3717475	4.48E-06	30YrCance	4.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
971	ALL		484625	3717475	3.85E-06	30YrCance	3.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
972	ALL		484675	3717475	3.25E-06	30YrCance	3.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
973	ALL		484725	3717475	2.89E-06	30YrCance	2.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
974	ALL		484775	3717475	2.43E-06	30YrCance	2.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
975	ALL		484825	3717475	1.95E-06	30YrCance	1.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
976	ALL		484875	3717475	1.57E-06	30YrCance	1.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
977	ALL		484925	3717475	1.48E-06	30YrCance	1.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
978	ALL		484975	3717475	1.46E-06	30YrCance	1.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
979	ALL		485025	3717475	1.38E-06	30YrCance	1.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
980	ALL		485075	3717475	1.27E-06	30YrCance	1.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
981	ALL		485125	3717475	1.13E-06	30YrCance	1.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
982	ALL		485175	3717475	9.94E-07	30YrCance	9.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
983	ALL		485225	3717475	9.17E-07	30YrCance	9.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
984	ALL		485275	3717475	8.62E-07	30YrCance	8.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
985	ALL		485325	3717475	7.99E-07	30YrCance	7.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
986	ALL		485375	3717475	7.42E-07	30YrCance	7.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
987	ALL		485425	3717475	7.23E-07	30YrCance	7.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
988	ALL		485475	3717475	6.78E-07	30YrCance	6.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
989	ALL		482925	3717525	7.71E-07	30YrCance	7.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
990	ALL		482975	3717525	8.13E-07	30YrCance	8.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:53:10 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmit30yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_E	EGG_RISK
991	ALL		483025	3717525	8.68E-07	30YrCance	8.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
992	ALL		483075	3717525	9.29E-07	30YrCance	9.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
993	ALL		483125	3717525	9.95E-07	30YrCance	9.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
994	ALL		483175	3717525	1.07E-06	30YrCance	1.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
995	ALL		483225	3717525	1.15E-06	30YrCance	1.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
996	ALL		483275	3717525	1.24E-06	30YrCance	1.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
997	ALL		483325	3717525	1.34E-06	30YrCance	1.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
998	ALL		483375	3717525	1.50E-06	30YrCance	1.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
999	ALL		483425	3717525	1.71E-06	30YrCance	1.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1000	ALL		483475	3717525	1.96E-06	30YrCance	1.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1001	ALL		483525	3717525	2.26E-06	30YrCance	2.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1002	ALL		483575	3717525	2.65E-06	30YrCance	2.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1003	ALL		483625	3717525	3.25E-06	30YrCance	3.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1004	ALL		483675	3717525	4.56E-06	30YrCance	4.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1005	ALL		483725	3717525	1.03E-05	30YrCance	1.03E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1006	ALL		483925	3717525	5.71E-06	30YrCance	5.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1007	ALL		483975	3717525	5.59E-06	30YrCance	5.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1008	ALL		484025	3717525	6.19E-06	30YrCance	6.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1009	ALL		484075	3717525	7.34E-06	30YrCance	7.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1010	ALL		484125	3717525	7.30E-06	30YrCance	7.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1011	ALL		484175	3717525	7.43E-06	30YrCance	7.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1012	ALL		484225	3717525	7.50E-06	30YrCance	7.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1013	ALL		484275	3717525	7.55E-06	30YrCance	7.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1014	ALL		484325	3717525	7.06E-06	30YrCance	7.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1015	ALL		484375	3717525	6.37E-06	30YrCance	6.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1016	ALL		484425	3717525	5.25E-06	30YrCance	5.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1017	ALL		484475	3717525	5.14E-06	30YrCance	5.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1018	ALL		484525	3717525	5.58E-06	30YrCance	5.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1019	ALL		484575	3717525	4.90E-06	30YrCance	4.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1020	ALL		484625	3717525	3.99E-06	30YrCance	3.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1021	ALL		484675	3717525	3.55E-06	30YrCance	3.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1022	ALL		484725	3717525	2.92E-06	30YrCance	2.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1023	ALL		484775	3717525	2.29E-06	30YrCance	2.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1024	ALL		484825	3717525	1.89E-06	30YrCance	1.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1025	ALL		484875	3717525	1.82E-06	30YrCance	1.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1026	ALL		484925	3717525	1.70E-06	30YrCance	1.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1027	ALL		484975	3717525	1.56E-06	30YrCance	1.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1028	ALL		485025	3717525	1.39E-06	30YrCance	1.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1029	ALL		485075	3717525	1.22E-06	30YrCance	1.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1030	ALL		485125	3717525	1.11E-06	30YrCance	1.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1031	ALL		485175	3717525	1.03E-06	30YrCance	1.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1032	ALL		485225	3717525	9.45E-07	30YrCance	9.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1033	ALL		485275	3717525	8.62E-07	30YrCance	8.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1034	ALL		485325	3717525	7.94E-07	30YrCance	7.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1035	ALL		485375	3717525	7.46E-07	30YrCance	7.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:53:10 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmit30yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
1036	ALL		485425	3717525	7.40E-07	30YrCance	7.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1037	ALL		485475	3717525	6.95E-07	30YrCance	6.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1038	ALL		482925	3717575	7.76E-07	30YrCance	7.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1039	ALL		482975	3717575	8.21E-07	30YrCance	8.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1040	ALL		483025	3717575	8.71E-07	30YrCance	8.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1041	ALL		483075	3717575	9.24E-07	30YrCance	9.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1042	ALL		483125	3717575	9.80E-07	30YrCance	9.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1043	ALL		483175	3717575	1.06E-06	30YrCance	1.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1044	ALL		483225	3717575	1.14E-06	30YrCance	1.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1045	ALL		483275	3717575	1.24E-06	30YrCance	1.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1046	ALL		483325	3717575	1.34E-06	30YrCance	1.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1047	ALL		483375	3717575	1.47E-06	30YrCance	1.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1048	ALL		483425	3717575	1.63E-06	30YrCance	1.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1049	ALL		483475	3717575	1.84E-06	30YrCance	1.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1050	ALL		483525	3717575	2.15E-06	30YrCance	2.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1051	ALL		483575	3717575	2.55E-06	30YrCance	2.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1052	ALL		483625	3717575	3.07E-06	30YrCance	3.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1053	ALL		483675	3717575	3.88E-06	30YrCance	3.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1054	ALL		483725	3717575	6.22E-06	30YrCance	6.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1055	ALL		483775	3717575	1.05E-05	30YrCance	1.05E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1056	ALL		483925	3717575	8.83E-06	30YrCance	8.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1057	ALL		483975	3717575	8.65E-06	30YrCance	8.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1058	ALL		484025	3717575	1.20E-05	30YrCance	1.20E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1059	ALL		484075	3717575	1.73E-05	30YrCance	1.73E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1060	ALL		484125	3717575	1.85E-05	30YrCance	1.85E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1061	ALL		484175	3717575	1.85E-05	30YrCance	1.85E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1062	ALL		484225	3717575	1.86E-05	30YrCance	1.86E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1063	ALL		484275	3717575	1.91E-05	30YrCance	1.91E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1064	ALL		484325	3717575	1.02E-05	30YrCance	1.02E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1065	ALL		484375	3717575	8.05E-06	30YrCance	8.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1066	ALL		484425	3717575	6.21E-06	30YrCance	6.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1067	ALL		484475	3717575	7.07E-06	30YrCance	7.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1068	ALL		484525	3717575	6.46E-06	30YrCance	6.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1069	ALL		484575	3717575	5.02E-06	30YrCance	5.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1070	ALL		484625	3717575	4.38E-06	30YrCance	4.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1071	ALL		484675	3717575	3.51E-06	30YrCance	3.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1072	ALL		484725	3717575	2.69E-06	30YrCance	2.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1073	ALL		484775	3717575	2.44E-06	30YrCance	2.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1074	ALL		484825	3717575	2.25E-06	30YrCance	2.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1075	ALL		484875	3717575	2.01E-06	30YrCance	2.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1076	ALL		484925	3717575	1.74E-06	30YrCance	1.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1077	ALL		484975	3717575	1.48E-06	30YrCance	1.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1078	ALL		485025	3717575	1.38E-06	30YrCance	1.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1079	ALL		485075	3717575	1.27E-06	30YrCance	1.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1080	ALL		485125	3717575	1.13E-06	30YrCance	1.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:53:10 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmit30yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
1081	ALL		485175	3717575	1.03E-06	30YrCance	1.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1082	ALL		485225	3717575	9.48E-07	30YrCance	9.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1083	ALL		485275	3717575	8.82E-07	30YrCance	8.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1084	ALL		485325	3717575	8.17E-07	30YrCance	8.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1085	ALL		485375	3717575	7.60E-07	30YrCance	7.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1086	ALL		485425	3717575	7.35E-07	30YrCance	7.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1087	ALL		485475	3717575	6.99E-07	30YrCance	6.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1088	ALL		482925	3717625	7.61E-07	30YrCance	7.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1089	ALL		482975	3717625	8.13E-07	30YrCance	8.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1090	ALL		483025	3717625	8.70E-07	30YrCance	8.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1091	ALL		483075	3717625	9.31E-07	30YrCance	9.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1092	ALL		483125	3717625	9.98E-07	30YrCance	9.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1093	ALL		483175	3717625	1.07E-06	30YrCance	1.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1094	ALL		483225	3717625	1.15E-06	30YrCance	1.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1095	ALL		483275	3717625	1.24E-06	30YrCance	1.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1096	ALL		483325	3717625	1.34E-06	30YrCance	1.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1097	ALL		483375	3717625	1.45E-06	30YrCance	1.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1098	ALL		483425	3717625	1.61E-06	30YrCance	1.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1099	ALL		483475	3717625	1.80E-06	30YrCance	1.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1100	ALL		483525	3717625	2.03E-06	30YrCance	2.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1101	ALL		483575	3717625	2.36E-06	30YrCance	2.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1102	ALL		483625	3717625	2.85E-06	30YrCance	2.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1103	ALL		483675	3717625	3.53E-06	30YrCance	3.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1104	ALL		483725	3717625	4.67E-06	30YrCance	4.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1105	ALL		483775	3717625	9.98E-06	30YrCance	9.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1106	ALL		484525	3717625	6.59E-06	30YrCance	6.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1107	ALL		484575	3717625	5.56E-06	30YrCance	5.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1108	ALL		484625	3717625	4.27E-06	30YrCance	4.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1109	ALL		484675	3717625	3.33E-06	30YrCance	3.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1110	ALL		484725	3717625	3.11E-06	30YrCance	3.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1111	ALL		484775	3717625	2.74E-06	30YrCance	2.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1112	ALL		484825	3717625	2.33E-06	30YrCance	2.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1113	ALL		484875	3717625	1.94E-06	30YrCance	1.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1114	ALL		484925	3717625	1.73E-06	30YrCance	1.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1115	ALL		484975	3717625	1.53E-06	30YrCance	1.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1116	ALL		485025	3717625	1.38E-06	30YrCance	1.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1117	ALL		485075	3717625	1.26E-06	30YrCance	1.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1118	ALL		485125	3717625	1.15E-06	30YrCance	1.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1119	ALL		485175	3717625	1.05E-06	30YrCance	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1120	ALL		485225	3717625	9.69E-07	30YrCance	9.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1121	ALL		485275	3717625	8.94E-07	30YrCance	8.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1122	ALL		485325	3717625	8.22E-07	30YrCance	8.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1123	ALL		485375	3717625	7.56E-07	30YrCance	7.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1124	ALL		485425	3717625	7.20E-07	30YrCance	7.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1125	ALL		485475	3717625	6.88E-07	30YrCance	6.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:53:10 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmit30yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
1126	ALL		482925	3717675	7.34E-07	30YrCance	7.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1127	ALL		482975	3717675	7.79E-07	30YrCance	7.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1128	ALL		483025	3717675	8.32E-07	30YrCance	8.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1129	ALL		483075	3717675	8.98E-07	30YrCance	8.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1130	ALL		483125	3717675	9.71E-07	30YrCance	9.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1131	ALL		483175	3717675	1.05E-06	30YrCance	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1132	ALL		483225	3717675	1.15E-06	30YrCance	1.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1133	ALL		483275	3717675	1.25E-06	30YrCance	1.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1134	ALL		483325	3717675	1.37E-06	30YrCance	1.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1135	ALL		483375	3717675	1.50E-06	30YrCance	1.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1136	ALL		483425	3717675	1.65E-06	30YrCance	1.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1137	ALL		483475	3717675	1.82E-06	30YrCance	1.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1138	ALL		483525	3717675	2.03E-06	30YrCance	2.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1139	ALL		483575	3717675	2.27E-06	30YrCance	2.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1140	ALL		483625	3717675	2.61E-06	30YrCance	2.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1141	ALL		483675	3717675	3.16E-06	30YrCance	3.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1142	ALL		483725	3717675	4.03E-06	30YrCance	4.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1143	ALL		483775	3717675	5.72E-06	30YrCance	5.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1144	ALL		483825	3717675	1.28E-05	30YrCance	1.28E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1145	ALL		484525	3717675	7.37E-06	30YrCance	7.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1146	ALL		484575	3717675	5.34E-06	30YrCance	5.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1147	ALL		484625	3717675	4.51E-06	30YrCance	4.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1148	ALL		484675	3717675	3.94E-06	30YrCance	3.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1149	ALL		484725	3717675	3.27E-06	30YrCance	3.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1150	ALL		484775	3717675	2.72E-06	30YrCance	2.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1151	ALL		484825	3717675	2.37E-06	30YrCance	2.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1152	ALL		484875	3717675	1.99E-06	30YrCance	1.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1153	ALL		484925	3717675	1.73E-06	30YrCance	1.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1154	ALL		484975	3717675	1.52E-06	30YrCance	1.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1155	ALL		485025	3717675	1.36E-06	30YrCance	1.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1156	ALL		485075	3717675	1.26E-06	30YrCance	1.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1157	ALL		485125	3717675	1.16E-06	30YrCance	1.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1158	ALL		485175	3717675	1.06E-06	30YrCance	1.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1159	ALL		485225	3717675	9.77E-07	30YrCance	9.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1160	ALL		485275	3717675	8.96E-07	30YrCance	8.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1161	ALL		485325	3717675	8.33E-07	30YrCance	8.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1162	ALL		485375	3717675	7.74E-07	30YrCance	7.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1163	ALL		485425	3717675	7.23E-07	30YrCance	7.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1164	ALL		485475	3717675	6.82E-07	30YrCance	6.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1165	ALL		482925	3717725	7.53E-07	30YrCance	7.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1166	ALL		482975	3717725	7.98E-07	30YrCance	7.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1167	ALL		483025	3717725	8.43E-07	30YrCance	8.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1168	ALL		483075	3717725	8.90E-07	30YrCance	8.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1169	ALL		483125	3717725	9.38E-07	30YrCance	9.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1170	ALL		483175	3717725	9.93E-07	30YrCance	9.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:53:10 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmit30yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
1171	ALL		483225	3717725	1.08E-06	30YrCance	1.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1172	ALL		483275	3717725	1.19E-06	30YrCance	1.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1173	ALL		483325	3717725	1.31E-06	30YrCance	1.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1174	ALL		483375	3717725	1.46E-06	30YrCance	1.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1175	ALL		483425	3717725	1.62E-06	30YrCance	1.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1176	ALL		483475	3717725	1.82E-06	30YrCance	1.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1177	ALL		483525	3717725	2.05E-06	30YrCance	2.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1178	ALL		483575	3717725	2.34E-06	30YrCance	2.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1179	ALL		483625	3717725	2.68E-06	30YrCance	2.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1180	ALL		483675	3717725	3.11E-06	30YrCance	3.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1181	ALL		483725	3717725	3.68E-06	30YrCance	3.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1182	ALL		483775	3717725	4.58E-06	30YrCance	4.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1183	ALL		483825	3717725	7.52E-06	30YrCance	7.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1184	ALL		484525	3717725	7.34E-06	30YrCance	7.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1185	ALL		484575	3717725	6.16E-06	30YrCance	6.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1186	ALL		484625	3717725	4.85E-06	30YrCance	4.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1187	ALL		484675	3717725	3.91E-06	30YrCance	3.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1188	ALL		484725	3717725	3.25E-06	30YrCance	3.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1189	ALL		484775	3717725	2.67E-06	30YrCance	2.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1190	ALL		484825	3717725	2.29E-06	30YrCance	2.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1191	ALL		484875	3717725	1.94E-06	30YrCance	1.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1192	ALL		484925	3717725	1.71E-06	30YrCance	1.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1193	ALL		484975	3717725	1.52E-06	30YrCance	1.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1194	ALL		485025	3717725	1.38E-06	30YrCance	1.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1195	ALL		485075	3717725	1.26E-06	30YrCance	1.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1196	ALL		485125	3717725	1.16E-06	30YrCance	1.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1197	ALL		485175	3717725	1.08E-06	30YrCance	1.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1198	ALL		485225	3717725	1.00E-06	30YrCance	1.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1199	ALL		485275	3717725	9.15E-07	30YrCance	9.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1200	ALL		485325	3717725	8.43E-07	30YrCance	8.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1201	ALL		485375	3717725	7.84E-07	30YrCance	7.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1202	ALL		485425	3717725	7.24E-07	30YrCance	7.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1203	ALL		485475	3717725	6.80E-07	30YrCance	6.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1204	ALL		482925	3717775	7.84E-07	30YrCance	7.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1205	ALL		482975	3717775	8.28E-07	30YrCance	8.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1206	ALL		483025	3717775	8.77E-07	30YrCance	8.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1207	ALL		483075	3717775	9.25E-07	30YrCance	9.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1208	ALL		483125	3717775	9.83E-07	30YrCance	9.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1209	ALL		483175	3717775	1.04E-06	30YrCance	1.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1210	ALL		483225	3717775	1.12E-06	30YrCance	1.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1211	ALL		483275	3717775	1.21E-06	30YrCance	1.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1212	ALL		483325	3717775	1.30E-06	30YrCance	1.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1213	ALL		483375	3717775	1.41E-06	30YrCance	1.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1214	ALL		483425	3717775	1.54E-06	30YrCance	1.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1215	ALL		483475	3717775	1.69E-06	30YrCance	1.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:53:10 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmit30yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
1216	ALL		483525	3717775	1.92E-06	30YrCance	1.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1217	ALL		483575	3717775	2.21E-06	30YrCance	2.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1218	ALL		483625	3717775	2.57E-06	30YrCance	2.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1219	ALL		483675	3717775	3.02E-06	30YrCance	3.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1220	ALL		483725	3717775	3.62E-06	30YrCance	3.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1221	ALL		483775	3717775	4.46E-06	30YrCance	4.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1222	ALL		483825	3717775	5.91E-06	30YrCance	5.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1223	ALL		483875	3717775	1.19E-05	30YrCance	1.19E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1224	ALL		484525	3717775	8.48E-06	30YrCance	8.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1225	ALL		484575	3717775	6.36E-06	30YrCance	6.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1226	ALL		484625	3717775	4.81E-06	30YrCance	4.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1227	ALL		484675	3717775	3.73E-06	30YrCance	3.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1228	ALL		484725	3717775	3.17E-06	30YrCance	3.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1229	ALL		484775	3717775	2.73E-06	30YrCance	2.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1230	ALL		484825	3717775	2.34E-06	30YrCance	2.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1231	ALL		484875	3717775	2.04E-06	30YrCance	2.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1232	ALL		484925	3717775	1.80E-06	30YrCance	1.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1233	ALL		484975	3717775	1.59E-06	30YrCance	1.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1234	ALL		485025	3717775	1.41E-06	30YrCance	1.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1235	ALL		485075	3717775	1.26E-06	30YrCance	1.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1236	ALL		485125	3717775	1.16E-06	30YrCance	1.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1237	ALL		485175	3717775	1.08E-06	30YrCance	1.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1238	ALL		485225	3717775	9.97E-07	30YrCance	9.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1239	ALL		485275	3717775	9.23E-07	30YrCance	9.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1240	ALL		485325	3717775	8.50E-07	30YrCance	8.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1241	ALL		485375	3717775	7.88E-07	30YrCance	7.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1242	ALL		485425	3717775	7.32E-07	30YrCance	7.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1243	ALL		485475	3717775	6.89E-07	30YrCance	6.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1244	ALL		482925	3717825	8.00E-07	30YrCance	8.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1245	ALL		482975	3717825	8.46E-07	30YrCance	8.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1246	ALL		483025	3717825	8.95E-07	30YrCance	8.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1247	ALL		483075	3717825	9.47E-07	30YrCance	9.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1248	ALL		483125	3717825	1.01E-06	30YrCance	1.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1249	ALL		483175	3717825	1.08E-06	30YrCance	1.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1250	ALL		483225	3717825	1.15E-06	30YrCance	1.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1251	ALL		483275	3717825	1.25E-06	30YrCance	1.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1252	ALL		483325	3717825	1.34E-06	30YrCance	1.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1253	ALL		483375	3717825	1.46E-06	30YrCance	1.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1254	ALL		483425	3717825	1.59E-06	30YrCance	1.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1255	ALL		483475	3717825	1.75E-06	30YrCance	1.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1256	ALL		483525	3717825	1.93E-06	30YrCance	1.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1257	ALL		483575	3717825	2.15E-06	30YrCance	2.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1258	ALL		483625	3717825	2.42E-06	30YrCance	2.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1259	ALL		483675	3717825	2.75E-06	30YrCance	2.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1260	ALL		483725	3717825	3.20E-06	30YrCance	3.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:53:10 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmit30yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_E	EGG_RISK
1261	ALL		483775	3717825	3.96E-06	30YrCance	3.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1262	ALL		483825	3717825	5.12E-06	30YrCance	5.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1263	ALL		483875	3717825	7.38E-06	30YrCance	7.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1264	ALL		483925	3717825	1.62E-05	30YrCance	1.62E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1265	ALL		484525	3717825	8.68E-06	30YrCance	8.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1266	ALL		484575	3717825	6.57E-06	30YrCance	6.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1267	ALL		484625	3717825	5.05E-06	30YrCance	5.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1268	ALL		484675	3717825	4.04E-06	30YrCance	4.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1269	ALL		484725	3717825	3.33E-06	30YrCance	3.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1270	ALL		484775	3717825	2.79E-06	30YrCance	2.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1271	ALL		484825	3717825	2.36E-06	30YrCance	2.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1272	ALL		484875	3717825	2.02E-06	30YrCance	2.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1273	ALL		484925	3717825	1.76E-06	30YrCance	1.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1274	ALL		484975	3717825	1.57E-06	30YrCance	1.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1275	ALL		485025	3717825	1.41E-06	30YrCance	1.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1276	ALL		485075	3717825	1.28E-06	30YrCance	1.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1277	ALL		485125	3717825	1.16E-06	30YrCance	1.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1278	ALL		485175	3717825	1.07E-06	30YrCance	1.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1279	ALL		485225	3717825	9.79E-07	30YrCance	9.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1280	ALL		485275	3717825	9.05E-07	30YrCance	9.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1281	ALL		485325	3717825	8.38E-07	30YrCance	8.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1282	ALL		485375	3717825	7.80E-07	30YrCance	7.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1283	ALL		485425	3717825	7.36E-07	30YrCance	7.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1284	ALL		485475	3717825	6.89E-07	30YrCance	6.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1285	ALL		482925	3717875	7.99E-07	30YrCance	7.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1286	ALL		482975	3717875	8.47E-07	30YrCance	8.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1287	ALL		483025	3717875	8.97E-07	30YrCance	8.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1288	ALL		483075	3717875	9.50E-07	30YrCance	9.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1289	ALL		483125	3717875	1.02E-06	30YrCance	1.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1290	ALL		483175	3717875	1.09E-06	30YrCance	1.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1291	ALL		483225	3717875	1.16E-06	30YrCance	1.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1292	ALL		483275	3717875	1.25E-06	30YrCance	1.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1293	ALL		483325	3717875	1.35E-06	30YrCance	1.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1294	ALL		483375	3717875	1.47E-06	30YrCance	1.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1295	ALL		483425	3717875	1.60E-06	30YrCance	1.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1296	ALL		483475	3717875	1.77E-06	30YrCance	1.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1297	ALL		483525	3717875	1.96E-06	30YrCance	1.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1298	ALL		483575	3717875	2.17E-06	30YrCance	2.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1299	ALL		483625	3717875	2.42E-06	30YrCance	2.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1300	ALL		483675	3717875	2.74E-06	30YrCance	2.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1301	ALL		483725	3717875	3.14E-06	30YrCance	3.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1302	ALL		483775	3717875	3.69E-06	30YrCance	3.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1303	ALL		483825	3717875	4.51E-06	30YrCance	4.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1304	ALL		483875	3717875	5.86E-06	30YrCance	5.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1305	ALL		483925	3717875	9.39E-06	30YrCance	9.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:53:10 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmit30yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
1306	ALL		484525	3717875	8.74E-06	30YrCance	8.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1307	ALL		484575	3717875	6.41E-06	30YrCance	6.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1308	ALL		484625	3717875	4.96E-06	30YrCance	4.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1309	ALL		484675	3717875	3.98E-06	30YrCance	3.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1310	ALL		484725	3717875	3.31E-06	30YrCance	3.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1311	ALL		484775	3717875	2.80E-06	30YrCance	2.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1312	ALL		484825	3717875	2.40E-06	30YrCance	2.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1313	ALL		484875	3717875	2.09E-06	30YrCance	2.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1314	ALL		484925	3717875	1.83E-06	30YrCance	1.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1315	ALL		484975	3717875	1.62E-06	30YrCance	1.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1316	ALL		485025	3717875	1.46E-06	30YrCance	1.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1317	ALL		485075	3717875	1.30E-06	30YrCance	1.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1318	ALL		485125	3717875	1.18E-06	30YrCance	1.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1319	ALL		485175	3717875	1.07E-06	30YrCance	1.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1320	ALL		485225	3717875	9.86E-07	30YrCance	9.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1321	ALL		485275	3717875	9.15E-07	30YrCance	9.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1322	ALL		485325	3717875	8.47E-07	30YrCance	8.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1323	ALL		485375	3717875	7.93E-07	30YrCance	7.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1324	ALL		485425	3717875	7.43E-07	30YrCance	7.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1325	ALL		485475	3717875	6.97E-07	30YrCance	6.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1326	ALL		482925	3717925	7.75E-07	30YrCance	7.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1327	ALL		482975	3717925	8.28E-07	30YrCance	8.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1328	ALL		483025	3717925	8.79E-07	30YrCance	8.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1329	ALL		483075	3717925	9.34E-07	30YrCance	9.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1330	ALL		483125	3717925	9.94E-07	30YrCance	9.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1331	ALL		483175	3717925	1.06E-06	30YrCance	1.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1332	ALL		483225	3717925	1.13E-06	30YrCance	1.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1333	ALL		483275	3717925	1.22E-06	30YrCance	1.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1334	ALL		483325	3717925	1.32E-06	30YrCance	1.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1335	ALL		483375	3717925	1.43E-06	30YrCance	1.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1336	ALL		483425	3717925	1.56E-06	30YrCance	1.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1337	ALL		483475	3717925	1.71E-06	30YrCance	1.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1338	ALL		483525	3717925	1.89E-06	30YrCance	1.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1339	ALL		483575	3717925	2.10E-06	30YrCance	2.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1340	ALL		483625	3717925	2.33E-06	30YrCance	2.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1341	ALL		483675	3717925	2.61E-06	30YrCance	2.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1342	ALL		483725	3717925	2.98E-06	30YrCance	2.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1343	ALL		483775	3717925	3.48E-06	30YrCance	3.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1344	ALL		483825	3717925	4.14E-06	30YrCance	4.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1345	ALL		483875	3717925	5.25E-06	30YrCance	5.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1346	ALL		483925	3717925	7.19E-06	30YrCance	7.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1347	ALL		483975	3717925	1.29E-05	30YrCance	1.29E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1348	ALL		484525	3717925	9.02E-06	30YrCance	9.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1349	ALL		484575	3717925	6.25E-06	30YrCance	6.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1350	ALL		484625	3717925	4.70E-06	30YrCance	4.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:53:10 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmit30yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
1351	ALL		484675	3717925	3.76E-06	30YrCance	3.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1352	ALL		484725	3717925	3.09E-06	30YrCance	3.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1353	ALL		484775	3717925	2.64E-06	30YrCance	2.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1354	ALL		484825	3717925	2.30E-06	30YrCance	2.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1355	ALL		484875	3717925	2.01E-06	30YrCance	2.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1356	ALL		484925	3717925	1.77E-06	30YrCance	1.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1357	ALL		484975	3717925	1.58E-06	30YrCance	1.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1358	ALL		485025	3717925	1.43E-06	30YrCance	1.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1359	ALL		485075	3717925	1.29E-06	30YrCance	1.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1360	ALL		485125	3717925	1.17E-06	30YrCance	1.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1361	ALL		485175	3717925	1.08E-06	30YrCance	1.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1362	ALL		485225	3717925	9.97E-07	30YrCance	9.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1363	ALL		485275	3717925	9.23E-07	30YrCance	9.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1364	ALL		485325	3717925	8.58E-07	30YrCance	8.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1365	ALL		485375	3717925	7.96E-07	30YrCance	7.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1366	ALL		485425	3717925	7.43E-07	30YrCance	7.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1367	ALL		485475	3717925	6.98E-07	30YrCance	6.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1368	ALL		482925	3717975	7.72E-07	30YrCance	7.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1369	ALL		482975	3717975	8.18E-07	30YrCance	8.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1370	ALL		483025	3717975	8.68E-07	30YrCance	8.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1371	ALL		483075	3717975	9.23E-07	30YrCance	9.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1372	ALL		483125	3717975	9.83E-07	30YrCance	9.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1373	ALL		483175	3717975	1.05E-06	30YrCance	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1374	ALL		483225	3717975	1.13E-06	30YrCance	1.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1375	ALL		483275	3717975	1.21E-06	30YrCance	1.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1376	ALL		483325	3717975	1.31E-06	30YrCance	1.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1377	ALL		483375	3717975	1.42E-06	30YrCance	1.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1378	ALL		483425	3717975	1.54E-06	30YrCance	1.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1379	ALL		483475	3717975	1.68E-06	30YrCance	1.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1380	ALL		483525	3717975	1.84E-06	30YrCance	1.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1381	ALL		483575	3717975	2.03E-06	30YrCance	2.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1382	ALL		483625	3717975	2.24E-06	30YrCance	2.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1383	ALL		483675	3717975	2.48E-06	30YrCance	2.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1384	ALL		483725	3717975	2.87E-06	30YrCance	2.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1385	ALL		483775	3717975	3.28E-06	30YrCance	3.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1386	ALL		483825	3717975	3.78E-06	30YrCance	3.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1387	ALL		483875	3717975	4.76E-06	30YrCance	4.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1388	ALL		483925	3717975	6.38E-06	30YrCance	6.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1389	ALL		483975	3717975	1.10E-05	30YrCance	1.10E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1390	ALL		484525	3717975	8.45E-06	30YrCance	8.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1391	ALL		484575	3717975	6.63E-06	30YrCance	6.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1392	ALL		484625	3717975	5.36E-06	30YrCance	5.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1393	ALL		484675	3717975	4.34E-06	30YrCance	4.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1394	ALL		484725	3717975	3.54E-06	30YrCance	3.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1395	ALL		484775	3717975	2.89E-06	30YrCance	2.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:53:10 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmit30yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
1396	ALL		484825	3717975	2.39E-06	30YrCance	2.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1397	ALL		484875	3717975	2.00E-06	30YrCance	2.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1398	ALL		484925	3717975	1.78E-06	30YrCance	1.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1399	ALL		484975	3717975	1.59E-06	30YrCance	1.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1400	ALL		485025	3717975	1.44E-06	30YrCance	1.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1401	ALL		485075	3717975	1.30E-06	30YrCance	1.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1402	ALL		485125	3717975	1.19E-06	30YrCance	1.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1403	ALL		485175	3717975	1.11E-06	30YrCance	1.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1404	ALL		485225	3717975	1.01E-06	30YrCance	1.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1405	ALL		485275	3717975	9.21E-07	30YrCance	9.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1406	ALL		485325	3717975	8.60E-07	30YrCance	8.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1407	ALL		485375	3717975	7.95E-07	30YrCance	7.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1408	ALL		485425	3717975	7.46E-07	30YrCance	7.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1409	ALL		485475	3717975	7.02E-07	30YrCance	7.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1410	ALL		482925	3718025	7.62E-07	30YrCance	7.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1411	ALL		482975	3718025	8.07E-07	30YrCance	8.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1412	ALL		483025	3718025	8.56E-07	30YrCance	8.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1413	ALL		483075	3718025	9.08E-07	30YrCance	9.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1414	ALL		483125	3718025	9.66E-07	30YrCance	9.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1415	ALL		483175	3718025	1.03E-06	30YrCance	1.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1416	ALL		483225	3718025	1.10E-06	30YrCance	1.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1417	ALL		483275	3718025	1.18E-06	30YrCance	1.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1418	ALL		483325	3718025	1.27E-06	30YrCance	1.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1419	ALL		483375	3718025	1.37E-06	30YrCance	1.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1420	ALL		483425	3718025	1.48E-06	30YrCance	1.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1421	ALL		483475	3718025	1.60E-06	30YrCance	1.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1422	ALL		483525	3718025	1.74E-06	30YrCance	1.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1423	ALL		483575	3718025	1.90E-06	30YrCance	1.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1424	ALL		483625	3718025	2.09E-06	30YrCance	2.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1425	ALL		483675	3718025	2.31E-06	30YrCance	2.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1426	ALL		483725	3718025	2.69E-06	30YrCance	2.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1427	ALL		483775	3718025	3.16E-06	30YrCance	3.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1428	ALL		483825	3718025	3.67E-06	30YrCance	3.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1429	ALL		483875	3718025	4.56E-06	30YrCance	4.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1430	ALL		483925	3718025	5.99E-06	30YrCance	5.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1431	ALL		483975	3718025	8.51E-06	30YrCance	8.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1432	ALL		484025	3718025	1.70E-05	30YrCance	1.70E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1433	ALL		484525	3718025	7.08E-06	30YrCance	7.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1434	ALL		484575	3718025	5.82E-06	30YrCance	5.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1435	ALL		484625	3718025	4.81E-06	30YrCance	4.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1436	ALL		484675	3718025	3.97E-06	30YrCance	3.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1437	ALL		484725	3718025	3.39E-06	30YrCance	3.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1438	ALL		484775	3718025	3.01E-06	30YrCance	3.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1439	ALL		484825	3718025	2.64E-06	30YrCance	2.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1440	ALL		484875	3718025	2.30E-06	30YrCance	2.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:53:10 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmit30yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
1441	ALL		484925	3718025	1.99E-06	30YrCance	1.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1442	ALL		484975	3718025	1.72E-06	30YrCance	1.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1443	ALL		485025	3718025	1.49E-06	30YrCance	1.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1444	ALL		485075	3718025	1.30E-06	30YrCance	1.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1445	ALL		485125	3718025	1.18E-06	30YrCance	1.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1446	ALL		485175	3718025	1.10E-06	30YrCance	1.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1447	ALL		485225	3718025	1.01E-06	30YrCance	1.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1448	ALL		485275	3718025	9.17E-07	30YrCance	9.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1449	ALL		485325	3718025	8.53E-07	30YrCance	8.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1450	ALL		485375	3718025	7.96E-07	30YrCance	7.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1451	ALL		485425	3718025	7.57E-07	30YrCance	7.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1452	ALL		485475	3718025	7.13E-07	30YrCance	7.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1453	ALL		482925	3718075	7.30E-07	30YrCance	7.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1454	ALL		482975	3718075	7.77E-07	30YrCance	7.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1455	ALL		483025	3718075	8.22E-07	30YrCance	8.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1456	ALL		483075	3718075	8.72E-07	30YrCance	8.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1457	ALL		483125	3718075	9.20E-07	30YrCance	9.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1458	ALL		483175	3718075	9.75E-07	30YrCance	9.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1459	ALL		483225	3718075	1.03E-06	30YrCance	1.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1460	ALL		483275	3718075	1.11E-06	30YrCance	1.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1461	ALL		483325	3718075	1.19E-06	30YrCance	1.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1462	ALL		483375	3718075	1.28E-06	30YrCance	1.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1463	ALL		483425	3718075	1.38E-06	30YrCance	1.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1464	ALL		483475	3718075	1.48E-06	30YrCance	1.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1465	ALL		483525	3718075	1.64E-06	30YrCance	1.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1466	ALL		483575	3718075	1.83E-06	30YrCance	1.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1467	ALL		483625	3718075	2.06E-06	30YrCance	2.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1468	ALL		483675	3718075	2.34E-06	30YrCance	2.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1469	ALL		483725	3718075	2.72E-06	30YrCance	2.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1470	ALL		483775	3718075	3.13E-06	30YrCance	3.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1471	ALL		483825	3718075	3.66E-06	30YrCance	3.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1472	ALL		483875	3718075	4.37E-06	30YrCance	4.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1473	ALL		483925	3718075	5.28E-06	30YrCance	5.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1474	ALL		483975	3718075	6.97E-06	30YrCance	6.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1475	ALL		484025	3718075	1.35E-05	30YrCance	1.35E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1476	ALL		484525	3718075	6.99E-06	30YrCance	6.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1477	ALL		484575	3718075	5.06E-06	30YrCance	5.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1478	ALL		484625	3718075	4.08E-06	30YrCance	4.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1479	ALL		484675	3718075	3.61E-06	30YrCance	3.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1480	ALL		484725	3718075	3.18E-06	30YrCance	3.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1481	ALL		484775	3718075	2.78E-06	30YrCance	2.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1482	ALL		484825	3718075	2.42E-06	30YrCance	2.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1483	ALL		484875	3718075	2.10E-06	30YrCance	2.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1484	ALL		484925	3718075	1.94E-06	30YrCance	1.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1485	ALL		484975	3718075	1.77E-06	30YrCance	1.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:53:10 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmit30yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
1486	ALL		485025	3718075	1.60E-06	30YrCance	1.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1487	ALL		485075	3718075	1.44E-06	30YrCance	1.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1488	ALL		485125	3718075	1.29E-06	30YrCance	1.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1489	ALL		485175	3718075	1.15E-06	30YrCance	1.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1490	ALL		485225	3718075	1.03E-06	30YrCance	1.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1491	ALL		485275	3718075	9.13E-07	30YrCance	9.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1492	ALL		485325	3718075	8.39E-07	30YrCance	8.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1493	ALL		485375	3718075	7.87E-07	30YrCance	7.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1494	ALL		485425	3718075	7.46E-07	30YrCance	7.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1495	ALL		485475	3718075	7.07E-07	30YrCance	7.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1496	ALL		482925	3718125	6.75E-07	30YrCance	6.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1497	ALL		482975	3718125	7.13E-07	30YrCance	7.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1498	ALL		483025	3718125	7.59E-07	30YrCance	7.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1499	ALL		483075	3718125	8.03E-07	30YrCance	8.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1500	ALL		483125	3718125	8.54E-07	30YrCance	8.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1501	ALL		483175	3718125	9.00E-07	30YrCance	9.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1502	ALL		483225	3718125	1.18E-06	30YrCance	1.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1503	ALL		483275	3718125	9.97E-07	30YrCance	9.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1504	ALL		483325	3718125	1.13E-06	30YrCance	1.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1505	ALL		483375	3718125	1.25E-06	30YrCance	1.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1506	ALL		483425	3718125	1.37E-06	30YrCance	1.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1507	ALL		483475	3718125	1.52E-06	30YrCance	1.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1508	ALL		483525	3718125	1.68E-06	30YrCance	1.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1509	ALL		483575	3718125	1.86E-06	30YrCance	1.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1510	ALL		483625	3718125	2.06E-06	30YrCance	2.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1511	ALL		483675	3718125	2.31E-06	30YrCance	2.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1512	ALL		483725	3718125	2.60E-06	30YrCance	2.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1513	ALL		483775	3718125	2.95E-06	30YrCance	2.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1514	ALL		483825	3718125	3.36E-06	30YrCance	3.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1515	ALL		483875	3718125	3.99E-06	30YrCance	3.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1516	ALL		483925	3718125	4.72E-06	30YrCance	4.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1517	ALL		483975	3718125	6.06E-06	30YrCance	6.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1518	ALL		484025	3718125	9.72E-06	30YrCance	9.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1519	ALL		484525	3718125	6.32E-06	30YrCance	6.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1520	ALL		484575	3718125	5.28E-06	30YrCance	5.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1521	ALL		484625	3718125	3.90E-06	30YrCance	3.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1522	ALL		484675	3718125	3.22E-06	30YrCance	3.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1523	ALL		484725	3718125	2.75E-06	30YrCance	2.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1524	ALL		484775	3718125	2.53E-06	30YrCance	2.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1525	ALL		484825	3718125	2.30E-06	30YrCance	2.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1526	ALL		484875	3718125	2.07E-06	30YrCance	2.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1527	ALL		484925	3718125	1.85E-06	30YrCance	1.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1528	ALL		484975	3718125	1.65E-06	30YrCance	1.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1529	ALL		485025	3718125	1.46E-06	30YrCance	1.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1530	ALL		485075	3718125	1.35E-06	30YrCance	1.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:53:10 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmit30yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
1531	ALL		485125	3718125	1.27E-06	30YrCance	1.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1532	ALL		485175	3718125	1.17E-06	30YrCance	1.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1533	ALL		485225	3718125	1.08E-06	30YrCance	1.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1534	ALL		485275	3718125	9.87E-07	30YrCance	9.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1535	ALL		485325	3718125	9.06E-07	30YrCance	9.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1536	ALL		485375	3718125	8.33E-07	30YrCance	8.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1537	ALL		485425	3718125	7.65E-07	30YrCance	7.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1538	ALL		485475	3718125	7.02E-07	30YrCance	7.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1539	ALL		482925	3718175	1.16E-06	30YrCance	1.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1540	ALL		482975	3718175	1.22E-06	30YrCance	1.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1541	ALL		483025	3718175	1.25E-06	30YrCance	1.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1542	ALL		483075	3718175	8.74E-07	30YrCance	8.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1543	ALL		483125	3718175	7.92E-07	30YrCance	7.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1544	ALL		483175	3718175	8.76E-07	30YrCance	8.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1545	ALL		483225	3718175	1.40E-06	30YrCance	1.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1546	ALL		483275	3718175	1.09E-06	30YrCance	1.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1547	ALL		483325	3718175	1.16E-06	30YrCance	1.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1548	ALL		483375	3718175	1.27E-06	30YrCance	1.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1549	ALL		483425	3718175	1.39E-06	30YrCance	1.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1550	ALL		483475	3718175	1.53E-06	30YrCance	1.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1551	ALL		483525	3718175	1.67E-06	30YrCance	1.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1552	ALL		483575	3718175	1.83E-06	30YrCance	1.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1553	ALL		483625	3718175	2.00E-06	30YrCance	2.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1554	ALL		483675	3718175	2.21E-06	30YrCance	2.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1555	ALL		483725	3718175	2.43E-06	30YrCance	2.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1556	ALL		483775	3718175	2.75E-06	30YrCance	2.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1557	ALL		483825	3718175	3.15E-06	30YrCance	3.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1558	ALL		483875	3718175	3.54E-06	30YrCance	3.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1559	ALL		483925	3718175	4.42E-06	30YrCance	4.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1560	ALL		483975	3718175	5.82E-06	30YrCance	5.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1561	ALL		484025	3718175	7.37E-06	30YrCance	7.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1562	ALL		484075	3718175	1.51E-05	30YrCance	1.51E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1563	ALL		484525	3718175	4.71E-06	30YrCance	4.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1564	ALL		484575	3718175	4.79E-06	30YrCance	4.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1565	ALL		484625	3718175	4.17E-06	30YrCance	4.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1566	ALL		484675	3718175	3.25E-06	30YrCance	3.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1567	ALL		484725	3718175	2.61E-06	30YrCance	2.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1568	ALL		484775	3718175	2.29E-06	30YrCance	2.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1569	ALL		484825	3718175	2.02E-06	30YrCance	2.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1570	ALL		484875	3718175	1.88E-06	30YrCance	1.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1571	ALL		484925	3718175	1.74E-06	30YrCance	1.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1572	ALL		484975	3718175	1.60E-06	30YrCance	1.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1573	ALL		485025	3718175	1.47E-06	30YrCance	1.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1574	ALL		485075	3718175	1.34E-06	30YrCance	1.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1575	ALL		485125	3718175	1.21E-06	30YrCance	1.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:53:10 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmit30yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
1576	ALL		485175	3718175	1.10E-06	30YrCance	1.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1577	ALL		485225	3718175	9.93E-07	30YrCance	9.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1578	ALL		485275	3718175	9.39E-07	30YrCance	9.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1579	ALL		485325	3718175	8.93E-07	30YrCance	8.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1580	ALL		485375	3718175	8.46E-07	30YrCance	8.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1581	ALL		485425	3718175	7.97E-07	30YrCance	7.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1582	ALL		485475	3718175	7.50E-07	30YrCance	7.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1583	ALL		482925	3718225	1.60E-06	30YrCance	1.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1584	ALL		482975	3718225	1.71E-06	30YrCance	1.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1585	ALL		483025	3718225	1.72E-06	30YrCance	1.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1586	ALL		483075	3718225	1.60E-06	30YrCance	1.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1587	ALL		483125	3718225	1.35E-06	30YrCance	1.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1588	ALL		483175	3718225	1.23E-06	30YrCance	1.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1589	ALL		483225	3718225	1.08E-06	30YrCance	1.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1590	ALL		483275	3718225	1.04E-06	30YrCance	1.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1591	ALL		483325	3718225	1.16E-06	30YrCance	1.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1592	ALL		483375	3718225	1.27E-06	30YrCance	1.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1593	ALL		483425	3718225	1.36E-06	30YrCance	1.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1594	ALL		483475	3718225	1.48E-06	30YrCance	1.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1595	ALL		483525	3718225	1.61E-06	30YrCance	1.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1596	ALL		483575	3718225	1.75E-06	30YrCance	1.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1597	ALL		483625	3718225	1.89E-06	30YrCance	1.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1598	ALL		483675	3718225	2.09E-06	30YrCance	2.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1599	ALL		483725	3718225	2.33E-06	30YrCance	2.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1600	ALL		483775	3718225	2.59E-06	30YrCance	2.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1601	ALL		483825	3718225	2.87E-06	30YrCance	2.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1602	ALL		483875	3718225	3.50E-06	30YrCance	3.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1603	ALL		483925	3718225	4.35E-06	30YrCance	4.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1604	ALL		483975	3718225	4.90E-06	30YrCance	4.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1605	ALL		484025	3718225	6.07E-06	30YrCance	6.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1606	ALL		484075	3718225	1.26E-05	30YrCance	1.26E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1607	ALL		484125	3718225	6.63E-06	30YrCance	6.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1608	ALL		484175	3718225	6.04E-06	30YrCance	6.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1609	ALL		484225	3718225	5.74E-06	30YrCance	5.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1610	ALL		484275	3718225	5.35E-06	30YrCance	5.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1611	ALL		484325	3718225	6.75E-06	30YrCance	6.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1612	ALL		484375	3718225	6.22E-06	30YrCance	6.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1613	ALL		484425	3718225	5.05E-06	30YrCance	5.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1614	ALL		484475	3718225	4.64E-06	30YrCance	4.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1615	ALL		484525	3718225	3.62E-06	30YrCance	3.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1616	ALL		484575	3718225	3.70E-06	30YrCance	3.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1617	ALL		484625	3718225	3.79E-06	30YrCance	3.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1618	ALL		484675	3718225	3.41E-06	30YrCance	3.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1619	ALL		484725	3718225	2.77E-06	30YrCance	2.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1620	ALL		484775	3718225	2.15E-06	30YrCance	2.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:53:10 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmit30yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
1621	ALL		484825	3718225	1.93E-06	30YrCance	1.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1622	ALL		484875	3718225	1.76E-06	30YrCance	1.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1623	ALL		484925	3718225	1.56E-06	30YrCance	1.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1624	ALL		484975	3718225	1.46E-06	30YrCance	1.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1625	ALL		485025	3718225	1.38E-06	30YrCance	1.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1626	ALL		485075	3718225	1.28E-06	30YrCance	1.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1627	ALL		485125	3718225	1.19E-06	30YrCance	1.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1628	ALL		485175	3718225	1.10E-06	30YrCance	1.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1629	ALL		485225	3718225	1.01E-06	30YrCance	1.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1630	ALL		485275	3718225	9.23E-07	30YrCance	9.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1631	ALL		485325	3718225	8.47E-07	30YrCance	8.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1632	ALL		485375	3718225	7.75E-07	30YrCance	7.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1633	ALL		485425	3718225	7.44E-07	30YrCance	7.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1634	ALL		485475	3718225	7.19E-07	30YrCance	7.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1635	ALL		482925	3718275	1.61E-06	30YrCance	1.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1636	ALL		482975	3718275	1.63E-06	30YrCance	1.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1637	ALL		483025	3718275	1.74E-06	30YrCance	1.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1638	ALL		483075	3718275	1.85E-06	30YrCance	1.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1639	ALL		483125	3718275	1.87E-06	30YrCance	1.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1640	ALL		483175	3718275	1.76E-06	30YrCance	1.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1641	ALL		483225	3718275	1.58E-06	30YrCance	1.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1642	ALL		483275	3718275	1.42E-06	30YrCance	1.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1643	ALL		483325	3718275	1.11E-06	30YrCance	1.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1644	ALL		483375	3718275	1.22E-06	30YrCance	1.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1645	ALL		483425	3718275	1.31E-06	30YrCance	1.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1646	ALL		483475	3718275	1.43E-06	30YrCance	1.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1647	ALL		483525	3718275	1.54E-06	30YrCance	1.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1648	ALL		483575	3718275	1.66E-06	30YrCance	1.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1649	ALL		483625	3718275	1.81E-06	30YrCance	1.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1650	ALL		483675	3718275	2.00E-06	30YrCance	2.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1651	ALL		483725	3718275	2.20E-06	30YrCance	2.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1652	ALL		483775	3718275	2.41E-06	30YrCance	2.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1653	ALL		483825	3718275	2.86E-06	30YrCance	2.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1654	ALL		483875	3718275	3.45E-06	30YrCance	3.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1655	ALL		483925	3718275	3.78E-06	30YrCance	3.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1656	ALL		483975	3718275	4.29E-06	30YrCance	4.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1657	ALL		484025	3718275	5.31E-06	30YrCance	5.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1658	ALL		484075	3718275	1.08E-05	30YrCance	1.08E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1659	ALL		484125	3718275	6.12E-06	30YrCance	6.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1660	ALL		484175	3718275	5.18E-06	30YrCance	5.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1661	ALL		484225	3718275	4.86E-06	30YrCance	4.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1662	ALL		484275	3718275	4.45E-06	30YrCance	4.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1663	ALL		484325	3718275	5.43E-06	30YrCance	5.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1664	ALL		484375	3718275	5.37E-06	30YrCance	5.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1665	ALL		484425	3718275	4.25E-06	30YrCance	4.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:53:10 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmit30yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
1666	ALL		484475	3718275	4.06E-06	30YrCance	4.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1667	ALL		484525	3718275	3.49E-06	30YrCance	3.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1668	ALL		484575	3718275	2.86E-06	30YrCance	2.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1669	ALL		484625	3718275	3.00E-06	30YrCance	3.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1670	ALL		484675	3718275	3.08E-06	30YrCance	3.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1671	ALL		484725	3718275	2.84E-06	30YrCance	2.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1672	ALL		484775	3718275	2.39E-06	30YrCance	2.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1673	ALL		484825	3718275	1.90E-06	30YrCance	1.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1674	ALL		484875	3718275	1.65E-06	30YrCance	1.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1675	ALL		484925	3718275	1.51E-06	30YrCance	1.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1676	ALL		484975	3718275	1.38E-06	30YrCance	1.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1677	ALL		485025	3718275	1.27E-06	30YrCance	1.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1678	ALL		485075	3718275	1.18E-06	30YrCance	1.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1679	ALL		485125	3718275	1.12E-06	30YrCance	1.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1680	ALL		485175	3718275	1.05E-06	30YrCance	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1681	ALL		485225	3718275	9.88E-07	30YrCance	9.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1682	ALL		485275	3718275	9.22E-07	30YrCance	9.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1683	ALL		485325	3718275	8.59E-07	30YrCance	8.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1684	ALL		485375	3718275	7.97E-07	30YrCance	7.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1685	ALL		485425	3718275	7.37E-07	30YrCance	7.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1686	ALL		485475	3718275	6.80E-07	30YrCance	6.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1687	ALL		482925	3718325	1.48E-06	30YrCance	1.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1688	ALL		482975	3718325	1.52E-06	30YrCance	1.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1689	ALL		483025	3718325	1.59E-06	30YrCance	1.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1690	ALL		483075	3718325	1.69E-06	30YrCance	1.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1691	ALL		483125	3718325	1.88E-06	30YrCance	1.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1692	ALL		483175	3718325	2.03E-06	30YrCance	2.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1693	ALL		483225	3718325	1.95E-06	30YrCance	1.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1694	ALL		483275	3718325	1.54E-06	30YrCance	1.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1695	ALL		483325	3718325	1.46E-06	30YrCance	1.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1696	ALL		483375	3718325	1.16E-06	30YrCance	1.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1697	ALL		483425	3718325	1.40E-06	30YrCance	1.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1698	ALL		483475	3718325	1.35E-06	30YrCance	1.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1699	ALL		483525	3718325	1.47E-06	30YrCance	1.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1700	ALL		483575	3718325	1.59E-06	30YrCance	1.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1701	ALL		483625	3718325	1.88E-06	30YrCance	1.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1702	ALL		483675	3718325	1.88E-06	30YrCance	1.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1703	ALL		483725	3718325	2.07E-06	30YrCance	2.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1704	ALL		483775	3718325	2.40E-06	30YrCance	2.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1705	ALL		483825	3718325	2.82E-06	30YrCance	2.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1706	ALL		483875	3718325	3.05E-06	30YrCance	3.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1707	ALL		483925	3718325	3.33E-06	30YrCance	3.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1708	ALL		483975	3718325	3.83E-06	30YrCance	3.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1709	ALL		484025	3718325	4.54E-06	30YrCance	4.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1710	ALL		484075	3718325	9.35E-06	30YrCance	9.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:53:10 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmit30yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
1711	ALL		484125	3718325	5.62E-06	30YrCance	5.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1712	ALL		484175	3718325	4.49E-06	30YrCance	4.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1713	ALL		484225	3718325	4.20E-06	30YrCance	4.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1714	ALL		484275	3718325	3.79E-06	30YrCance	3.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1715	ALL		484325	3718325	4.46E-06	30YrCance	4.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1716	ALL		484375	3718325	4.64E-06	30YrCance	4.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1717	ALL		484425	3718325	3.78E-06	30YrCance	3.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1718	ALL		484475	3718325	3.44E-06	30YrCance	3.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1719	ALL		484525	3718325	3.25E-06	30YrCance	3.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1720	ALL		484575	3718325	2.66E-06	30YrCance	2.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1721	ALL		484625	3718325	2.36E-06	30YrCance	2.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1722	ALL		484675	3718325	2.49E-06	30YrCance	2.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1723	ALL		484725	3718325	2.56E-06	30YrCance	2.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1724	ALL		484775	3718325	2.40E-06	30YrCance	2.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1725	ALL		484825	3718325	2.08E-06	30YrCance	2.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1726	ALL		484875	3718325	1.70E-06	30YrCance	1.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1727	ALL		484925	3718325	1.45E-06	30YrCance	1.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1728	ALL		484975	3718325	1.35E-06	30YrCance	1.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1729	ALL		485025	3718325	1.24E-06	30YrCance	1.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1730	ALL		485075	3718325	1.15E-06	30YrCance	1.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1731	ALL		485125	3718325	1.06E-06	30YrCance	1.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1732	ALL		485175	3718325	9.78E-07	30YrCance	9.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1733	ALL		485225	3718325	9.24E-07	30YrCance	9.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1734	ALL		485275	3718325	8.81E-07	30YrCance	8.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1735	ALL		485325	3718325	8.34E-07	30YrCance	8.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1736	ALL		485375	3718325	7.87E-07	30YrCance	7.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1737	ALL		485425	3718325	7.42E-07	30YrCance	7.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1738	ALL		485475	3718325	6.91E-07	30YrCance	6.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1739	ALL		482925	3718375	1.49E-06	30YrCance	1.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1740	ALL		482975	3718375	1.51E-06	30YrCance	1.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1741	ALL		483025	3718375	1.61E-06	30YrCance	1.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1742	ALL		483075	3718375	1.66E-06	30YrCance	1.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1743	ALL		483125	3718375	1.73E-06	30YrCance	1.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1744	ALL		483175	3718375	1.93E-06	30YrCance	1.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1745	ALL		483225	3718375	2.03E-06	30YrCance	2.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1746	ALL		483275	3718375	1.91E-06	30YrCance	1.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1747	ALL		483325	3718375	1.60E-06	30YrCance	1.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1748	ALL		483375	3718375	1.48E-06	30YrCance	1.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1749	ALL		483425	3718375	1.43E-06	30YrCance	1.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1750	ALL		483475	3718375	1.31E-06	30YrCance	1.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1751	ALL		483525	3718375	1.81E-06	30YrCance	1.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1752	ALL		483575	3718375	1.94E-06	30YrCance	1.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1753	ALL		483625	3718375	2.09E-06	30YrCance	2.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1754	ALL		483675	3718375	1.80E-06	30YrCance	1.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1755	ALL		483725	3718375	2.06E-06	30YrCance	2.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:53:10 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmit30yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
1756	ALL		483775	3718375	2.38E-06	30YrCance	2.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1757	ALL		483825	3718375	2.54E-06	30YrCance	2.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1758	ALL		483875	3718375	2.69E-06	30YrCance	2.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1759	ALL		483925	3718375	3.04E-06	30YrCance	3.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1760	ALL		483975	3718375	3.45E-06	30YrCance	3.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1761	ALL		484025	3718375	3.89E-06	30YrCance	3.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1762	ALL		484075	3718375	8.92E-06	30YrCance	8.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1763	ALL		484125	3718375	5.39E-06	30YrCance	5.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1764	ALL		484175	3718375	3.95E-06	30YrCance	3.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1765	ALL		484225	3718375	3.69E-06	30YrCance	3.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1766	ALL		484275	3718375	3.29E-06	30YrCance	3.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1767	ALL		484325	3718375	3.73E-06	30YrCance	3.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1768	ALL		484375	3718375	4.01E-06	30YrCance	4.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1769	ALL		484425	3718375	3.49E-06	30YrCance	3.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1770	ALL		484475	3718375	2.96E-06	30YrCance	2.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1771	ALL		484525	3718375	2.90E-06	30YrCance	2.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1772	ALL		484575	3718375	2.59E-06	30YrCance	2.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1773	ALL		484625	3718375	2.11E-06	30YrCance	2.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1774	ALL		484675	3718375	1.98E-06	30YrCance	1.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1775	ALL		484725	3718375	2.10E-06	30YrCance	2.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1776	ALL		484775	3718375	2.18E-06	30YrCance	2.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1777	ALL		484825	3718375	2.08E-06	30YrCance	2.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1778	ALL		484875	3718375	1.83E-06	30YrCance	1.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1779	ALL		484925	3718375	1.54E-06	30YrCance	1.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1780	ALL		484975	3718375	1.31E-06	30YrCance	1.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1781	ALL		485025	3718375	1.22E-06	30YrCance	1.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1782	ALL		485075	3718375	1.13E-06	30YrCance	1.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1783	ALL		485125	3718375	1.03E-06	30YrCance	1.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1784	ALL		485175	3718375	9.60E-07	30YrCance	9.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1785	ALL		485225	3718375	8.96E-07	30YrCance	8.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1786	ALL		485275	3718375	8.39E-07	30YrCance	8.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1787	ALL		485325	3718375	7.92E-07	30YrCance	7.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1788	ALL		485375	3718375	7.64E-07	30YrCance	7.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1789	ALL		485425	3718375	7.26E-07	30YrCance	7.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1790	ALL		485475	3718375	6.84E-07	30YrCance	6.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1791	ALL		482925	3718425	1.53E-06	30YrCance	1.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1792	ALL		482975	3718425	1.48E-06	30YrCance	1.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1793	ALL		483025	3718425	1.56E-06	30YrCance	1.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1794	ALL		483075	3718425	1.68E-06	30YrCance	1.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1795	ALL		483125	3718425	1.66E-06	30YrCance	1.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1796	ALL		483175	3718425	1.81E-06	30YrCance	1.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1797	ALL		483225	3718425	2.02E-06	30YrCance	2.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1798	ALL		483275	3718425	2.06E-06	30YrCance	2.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1799	ALL		483325	3718425	1.87E-06	30YrCance	1.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1800	ALL		483375	3718425	1.75E-06	30YrCance	1.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:53:10 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmit30yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
1801	ALL		483425	3718425	1.78E-06	30YrCance	1.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1802	ALL		483475	3718425	1.50E-06	30YrCance	1.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1803	ALL		483525	3718425	2.31E-06	30YrCance	2.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1804	ALL		483575	3718425	2.36E-06	30YrCance	2.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1805	ALL		483625	3718425	2.26E-06	30YrCance	2.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1806	ALL		483675	3718425	1.90E-06	30YrCance	1.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1807	ALL		483725	3718425	2.04E-06	30YrCance	2.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1808	ALL		483775	3718425	2.16E-06	30YrCance	2.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1809	ALL		483825	3718425	2.23E-06	30YrCance	2.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1810	ALL		483875	3718425	2.54E-06	30YrCance	2.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1811	ALL		483925	3718425	2.80E-06	30YrCance	2.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1812	ALL		483975	3718425	2.97E-06	30YrCance	2.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1813	ALL		484025	3718425	3.57E-06	30YrCance	3.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1814	ALL		484075	3718425	8.58E-06	30YrCance	8.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1815	ALL		484125	3718425	5.24E-06	30YrCance	5.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1816	ALL		484175	3718425	3.59E-06	30YrCance	3.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1817	ALL		484225	3718425	3.29E-06	30YrCance	3.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1818	ALL		484275	3718425	2.90E-06	30YrCance	2.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1819	ALL		484325	3718425	3.17E-06	30YrCance	3.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1820	ALL		484375	3718425	3.49E-06	30YrCance	3.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1821	ALL		484425	3718425	3.20E-06	30YrCance	3.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1822	ALL		484475	3718425	2.61E-06	30YrCance	2.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1823	ALL		484525	3718425	2.55E-06	30YrCance	2.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1824	ALL		484575	3718425	2.42E-06	30YrCance	2.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1825	ALL		484625	3718425	2.07E-06	30YrCance	2.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1826	ALL		484675	3718425	1.82E-06	30YrCance	1.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1827	ALL		484725	3718425	1.69E-06	30YrCance	1.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1828	ALL		484775	3718425	1.81E-06	30YrCance	1.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1829	ALL		484825	3718425	1.88E-06	30YrCance	1.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1830	ALL		484875	3718425	1.81E-06	30YrCance	1.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1831	ALL		484925	3718425	1.63E-06	30YrCance	1.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1832	ALL		484975	3718425	1.40E-06	30YrCance	1.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1833	ALL		485025	3718425	1.20E-06	30YrCance	1.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1834	ALL		485075	3718425	1.11E-06	30YrCance	1.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1835	ALL		485125	3718425	1.02E-06	30YrCance	1.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1836	ALL		485175	3718425	9.34E-07	30YrCance	9.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1837	ALL		485225	3718425	8.70E-07	30YrCance	8.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1838	ALL		485275	3718425	8.21E-07	30YrCance	8.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1839	ALL		485325	3718425	7.77E-07	30YrCance	7.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1840	ALL		485375	3718425	7.41E-07	30YrCance	7.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1841	ALL		485425	3718425	7.21E-07	30YrCance	7.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1842	ALL		485475	3718425	6.88E-07	30YrCance	6.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1843	ALL		482925	3718475	1.57E-06	30YrCance	1.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1844	ALL		482975	3718475	1.52E-06	30YrCance	1.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1845	ALL		483025	3718475	1.50E-06	30YrCance	1.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:53:10 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmit30yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
1846	ALL		483075	3718475	1.60E-06	30YrCance	1.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1847	ALL		483125	3718475	1.70E-06	30YrCance	1.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1848	ALL		483175	3718475	1.74E-06	30YrCance	1.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1849	ALL		483225	3718475	1.94E-06	30YrCance	1.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1850	ALL		483275	3718475	2.10E-06	30YrCance	2.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1851	ALL		483325	3718475	2.10E-06	30YrCance	2.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1852	ALL		483375	3718475	2.14E-06	30YrCance	2.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1853	ALL		483425	3718475	2.13E-06	30YrCance	2.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1854	ALL		483475	3718475	1.93E-06	30YrCance	1.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1855	ALL		483525	3718475	2.54E-06	30YrCance	2.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1856	ALL		483575	3718475	2.91E-06	30YrCance	2.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1857	ALL		483625	3718475	2.41E-06	30YrCance	2.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1858	ALL		483675	3718475	1.94E-06	30YrCance	1.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1859	ALL		483725	3718475	1.88E-06	30YrCance	1.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1860	ALL		483775	3718475	1.90E-06	30YrCance	1.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1861	ALL		483825	3718475	2.18E-06	30YrCance	2.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1862	ALL		483875	3718475	2.32E-06	30YrCance	2.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1863	ALL		483925	3718475	2.51E-06	30YrCance	2.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1864	ALL		483975	3718475	2.70E-06	30YrCance	2.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1865	ALL		484025	3718475	3.29E-06	30YrCance	3.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1866	ALL		484075	3718475	7.32E-06	30YrCance	7.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1867	ALL		484125	3718475	5.16E-06	30YrCance	5.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1868	ALL		484175	3718475	3.35E-06	30YrCance	3.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1869	ALL		484225	3718475	2.98E-06	30YrCance	2.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1870	ALL		484275	3718475	2.64E-06	30YrCance	2.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1871	ALL		484325	3718475	2.74E-06	30YrCance	2.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1872	ALL		484375	3718475	3.05E-06	30YrCance	3.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1873	ALL		484425	3718475	2.91E-06	30YrCance	2.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1874	ALL		484475	3718475	2.39E-06	30YrCance	2.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1875	ALL		484525	3718475	2.23E-06	30YrCance	2.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1876	ALL		484575	3718475	2.19E-06	30YrCance	2.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1877	ALL		484625	3718475	2.01E-06	30YrCance	2.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1878	ALL		484675	3718475	1.69E-06	30YrCance	1.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1879	ALL		484725	3718475	1.58E-06	30YrCance	1.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1880	ALL		484775	3718475	1.49E-06	30YrCance	1.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1881	ALL		484825	3718475	1.58E-06	30YrCance	1.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1882	ALL		484875	3718475	1.64E-06	30YrCance	1.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1883	ALL		484925	3718475	1.59E-06	30YrCance	1.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1884	ALL		484975	3718475	1.46E-06	30YrCance	1.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1885	ALL		485025	3718475	1.27E-06	30YrCance	1.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1886	ALL		485075	3718475	1.07E-06	30YrCance	1.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1887	ALL		485125	3718475	9.72E-07	30YrCance	9.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1888	ALL		485175	3718475	8.99E-07	30YrCance	8.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1889	ALL		485225	3718475	8.48E-07	30YrCance	8.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1890	ALL		485275	3718475	7.99E-07	30YrCance	7.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:53:10 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmit30yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
1891	ALL		485325	3718475	7.64E-07	30YrCance	7.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1892	ALL		485375	3718475	7.32E-07	30YrCance	7.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1893	ALL		485425	3718475	6.93E-07	30YrCance	6.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1894	ALL		485475	3718475	6.52E-07	30YrCance	6.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1895	ALL		482925	3718525	1.53E-06	30YrCance	1.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1896	ALL		482975	3718525	1.59E-06	30YrCance	1.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1897	ALL		483025	3718525	1.59E-06	30YrCance	1.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1898	ALL		483075	3718525	1.59E-06	30YrCance	1.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1899	ALL		483125	3718525	1.65E-06	30YrCance	1.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1900	ALL		483175	3718525	1.71E-06	30YrCance	1.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1901	ALL		483225	3718525	1.80E-06	30YrCance	1.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1902	ALL		483275	3718525	1.96E-06	30YrCance	1.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1903	ALL		483325	3718525	2.11E-06	30YrCance	2.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1904	ALL		483375	3718525	2.25E-06	30YrCance	2.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1905	ALL		483425	3718525	2.32E-06	30YrCance	2.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1906	ALL		483475	3718525	2.16E-06	30YrCance	2.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1907	ALL		483525	3718525	2.24E-06	30YrCance	2.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1908	ALL		483575	3718525	2.80E-06	30YrCance	2.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1909	ALL		483625	3718525	2.62E-06	30YrCance	2.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1910	ALL		483675	3718525	2.01E-06	30YrCance	2.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1911	ALL		483725	3718525	1.66E-06	30YrCance	1.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1912	ALL		483775	3718525	1.88E-06	30YrCance	1.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1913	ALL		483825	3718525	2.00E-06	30YrCance	2.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1914	ALL		483875	3718525	2.17E-06	30YrCance	2.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1915	ALL		483925	3718525	2.25E-06	30YrCance	2.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1916	ALL		483975	3718525	2.52E-06	30YrCance	2.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1917	ALL		484025	3718525	3.07E-06	30YrCance	3.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1918	ALL		484075	3718525	6.35E-06	30YrCance	6.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1919	ALL		484125	3718525	5.16E-06	30YrCance	5.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1920	ALL		484175	3718525	3.15E-06	30YrCance	3.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1921	ALL		484225	3718525	2.73E-06	30YrCance	2.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1922	ALL		484275	3718525	2.43E-06	30YrCance	2.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1923	ALL		484325	3718525	2.41E-06	30YrCance	2.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1924	ALL		484375	3718525	2.69E-06	30YrCance	2.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1925	ALL		484425	3718525	2.65E-06	30YrCance	2.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1926	ALL		484475	3718525	2.26E-06	30YrCance	2.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1927	ALL		484525	3718525	1.98E-06	30YrCance	1.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1928	ALL		484575	3718525	1.97E-06	30YrCance	1.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1929	ALL		484625	3718525	1.89E-06	30YrCance	1.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1930	ALL		484675	3718525	1.67E-06	30YrCance	1.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1931	ALL		484725	3718525	1.48E-06	30YrCance	1.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1932	ALL		484775	3718525	1.39E-06	30YrCance	1.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1933	ALL		484825	3718525	1.32E-06	30YrCance	1.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1934	ALL		484875	3718525	1.39E-06	30YrCance	1.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1935	ALL		484925	3718525	1.44E-06	30YrCance	1.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:53:10 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmit30yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
1936	ALL		484975	3718525	1.41E-06	30YrCance	1.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1937	ALL		485025	3718525	1.29E-06	30YrCance	1.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1938	ALL		485075	3718525	1.14E-06	30YrCance	1.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1939	ALL		485125	3718525	9.71E-07	30YrCance	9.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1940	ALL		485175	3718525	8.68E-07	30YrCance	8.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1941	ALL		485225	3718525	8.22E-07	30YrCance	8.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1942	ALL		485275	3718525	7.80E-07	30YrCance	7.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1943	ALL		485325	3718525	7.46E-07	30YrCance	7.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1944	ALL		485375	3718525	7.11E-07	30YrCance	7.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1945	ALL		485425	3718525	6.76E-07	30YrCance	6.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1946	ALL		485475	3718525	6.38E-07	30YrCance	6.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1947	ALL		482925	3718575	1.50E-06	30YrCance	1.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1948	ALL		482975	3718575	1.58E-06	30YrCance	1.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1949	ALL		483025	3718575	1.66E-06	30YrCance	1.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1950	ALL		483075	3718575	1.64E-06	30YrCance	1.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1951	ALL		483125	3718575	1.64E-06	30YrCance	1.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1952	ALL		483175	3718575	1.69E-06	30YrCance	1.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1953	ALL		483225	3718575	1.79E-06	30YrCance	1.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1954	ALL		483275	3718575	1.82E-06	30YrCance	1.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1955	ALL		483325	3718575	1.93E-06	30YrCance	1.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1956	ALL		483375	3718575	2.10E-06	30YrCance	2.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1957	ALL		483425	3718575	2.35E-06	30YrCance	2.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1958	ALL		483475	3718575	2.32E-06	30YrCance	2.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1959	ALL		483525	3718575	2.37E-06	30YrCance	2.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1960	ALL		483575	3718575	2.52E-06	30YrCance	2.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1961	ALL		483625	3718575	2.47E-06	30YrCance	2.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1962	ALL		483675	3718575	2.38E-06	30YrCance	2.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1963	ALL		483725	3718575	1.68E-06	30YrCance	1.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1964	ALL		483775	3718575	1.80E-06	30YrCance	1.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1965	ALL		483825	3718575	1.91E-06	30YrCance	1.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1966	ALL		483875	3718575	1.95E-06	30YrCance	1.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1967	ALL		483925	3718575	2.10E-06	30YrCance	2.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1968	ALL		483975	3718575	2.35E-06	30YrCance	2.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1969	ALL		484025	3718575	2.87E-06	30YrCance	2.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1970	ALL		484075	3718575	5.59E-06	30YrCance	5.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1971	ALL		484125	3718575	5.33E-06	30YrCance	5.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1972	ALL		484175	3718575	3.00E-06	30YrCance	3.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1973	ALL		484225	3718575	2.52E-06	30YrCance	2.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1974	ALL		484275	3718575	2.25E-06	30YrCance	2.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1975	ALL		484325	3718575	2.14E-06	30YrCance	2.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1976	ALL		484375	3718575	2.38E-06	30YrCance	2.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1977	ALL		484425	3718575	2.41E-06	30YrCance	2.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1978	ALL		484475	3718575	2.13E-06	30YrCance	2.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1979	ALL		484525	3718575	1.79E-06	30YrCance	1.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1980	ALL		484575	3718575	1.78E-06	30YrCance	1.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:53:10 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmit30yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
1981	ALL		484625	3718575	1.73E-06	30YrCance	1.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1982	ALL		484675	3718575	1.61E-06	30YrCance	1.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1983	ALL		484725	3718575	1.39E-06	30YrCance	1.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1984	ALL		484775	3718575	1.31E-06	30YrCance	1.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1985	ALL		484825	3718575	1.24E-06	30YrCance	1.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1986	ALL		484875	3718575	1.20E-06	30YrCance	1.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1987	ALL		484925	3718575	1.23E-06	30YrCance	1.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1988	ALL		484975	3718575	1.28E-06	30YrCance	1.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1989	ALL		485025	3718575	1.26E-06	30YrCance	1.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1990	ALL		485075	3718575	1.17E-06	30YrCance	1.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1991	ALL		485125	3718575	1.04E-06	30YrCance	1.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1992	ALL		485175	3718575	9.04E-07	30YrCance	9.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1993	ALL		485225	3718575	8.00E-07	30YrCance	8.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1994	ALL		485275	3718575	7.57E-07	30YrCance	7.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1995	ALL		485325	3718575	7.23E-07	30YrCance	7.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1996	ALL		485375	3718575	6.93E-07	30YrCance	6.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1997	ALL		485425	3718575	6.62E-07	30YrCance	6.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1998	ALL		485475	3718575	6.24E-07	30YrCance	6.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1999	ALL		482925	3718625	1.41E-06	30YrCance	1.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2000	ALL		482975	3718625	1.50E-06	30YrCance	1.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2001	ALL		483025	3718625	1.60E-06	30YrCance	1.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2002	ALL		483075	3718625	1.64E-06	30YrCance	1.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2003	ALL		483125	3718625	1.61E-06	30YrCance	1.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2004	ALL		483175	3718625	1.64E-06	30YrCance	1.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2005	ALL		483225	3718625	1.74E-06	30YrCance	1.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2006	ALL		483275	3718625	1.84E-06	30YrCance	1.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2007	ALL		483325	3718625	1.94E-06	30YrCance	1.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2008	ALL		483375	3718625	1.98E-06	30YrCance	1.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2009	ALL		483425	3718625	2.21E-06	30YrCance	2.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2010	ALL		483475	3718625	2.41E-06	30YrCance	2.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2011	ALL		483525	3718625	2.55E-06	30YrCance	2.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2012	ALL		483575	3718625	2.59E-06	30YrCance	2.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2013	ALL		483625	3718625	2.34E-06	30YrCance	2.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2014	ALL		483675	3718625	2.03E-06	30YrCance	2.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2015	ALL		483725	3718625	2.03E-06	30YrCance	2.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2016	ALL		483775	3718625	1.86E-06	30YrCance	1.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2017	ALL		483825	3718625	1.75E-06	30YrCance	1.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2018	ALL		483875	3718625	1.82E-06	30YrCance	1.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2019	ALL		483925	3718625	1.97E-06	30YrCance	1.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2020	ALL		483975	3718625	2.21E-06	30YrCance	2.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2021	ALL		484025	3718625	2.68E-06	30YrCance	2.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2022	ALL		484075	3718625	5.01E-06	30YrCance	5.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2023	ALL		484125	3718625	5.60E-06	30YrCance	5.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2024	ALL		484175	3718625	2.87E-06	30YrCance	2.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2025	ALL		484225	3718625	2.36E-06	30YrCance	2.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:53:10 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmit30yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
2026	ALL		484275	3718625	2.11E-06	30YrCance	2.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2027	ALL		484325	3718625	1.95E-06	30YrCance	1.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2028	ALL		484375	3718625	2.13E-06	30YrCance	2.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2029	ALL		484425	3718625	2.19E-06	30YrCance	2.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2030	ALL		484475	3718625	2.01E-06	30YrCance	2.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2031	ALL		484525	3718625	1.66E-06	30YrCance	1.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2032	ALL		484575	3718625	1.59E-06	30YrCance	1.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2033	ALL		484625	3718625	1.59E-06	30YrCance	1.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2034	ALL		484675	3718625	1.52E-06	30YrCance	1.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2035	ALL		484725	3718625	1.37E-06	30YrCance	1.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2036	ALL		484775	3718625	1.24E-06	30YrCance	1.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2037	ALL		484825	3718625	1.18E-06	30YrCance	1.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2038	ALL		484875	3718625	1.13E-06	30YrCance	1.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2039	ALL		484925	3718625	1.07E-06	30YrCance	1.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2040	ALL		484975	3718625	1.10E-06	30YrCance	1.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2041	ALL		485025	3718625	1.14E-06	30YrCance	1.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2042	ALL		485075	3718625	1.13E-06	30YrCance	1.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2043	ALL		485125	3718625	1.06E-06	30YrCance	1.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2044	ALL		485175	3718625	9.55E-07	30YrCance	9.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2045	ALL		485225	3718625	8.34E-07	30YrCance	8.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2046	ALL		485275	3718625	7.38E-07	30YrCance	7.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2047	ALL		485325	3718625	7.04E-07	30YrCance	7.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2048	ALL		485375	3718625	6.72E-07	30YrCance	6.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2049	ALL		485425	3718625	6.47E-07	30YrCance	6.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2050	ALL		485475	3718625	6.19E-07	30YrCance	6.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2051	ALL		482925	3718675	1.33E-06	30YrCance	1.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2052	ALL		482975	3718675	1.44E-06	30YrCance	1.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2053	ALL		483025	3718675	1.57E-06	30YrCance	1.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2054	ALL		483075	3718675	1.65E-06	30YrCance	1.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2055	ALL		483125	3718675	1.61E-06	30YrCance	1.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2056	ALL		483175	3718675	1.61E-06	30YrCance	1.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2057	ALL		483225	3718675	1.70E-06	30YrCance	1.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2058	ALL		483275	3718675	1.80E-06	30YrCance	1.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2059	ALL		483325	3718675	1.93E-06	30YrCance	1.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2060	ALL		483375	3718675	1.97E-06	30YrCance	1.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2061	ALL		483425	3718675	2.05E-06	30YrCance	2.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2062	ALL		483475	3718675	2.18E-06	30YrCance	2.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2063	ALL		483525	3718675	2.40E-06	30YrCance	2.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2064	ALL		483575	3718675	2.59E-06	30YrCance	2.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2065	ALL		483625	3718675	2.45E-06	30YrCance	2.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2066	ALL		483675	3718675	2.31E-06	30YrCance	2.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2067	ALL		483725	3718675	2.12E-06	30YrCance	2.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2068	ALL		483775	3718675	1.67E-06	30YrCance	1.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2069	ALL		483825	3718675	1.62E-06	30YrCance	1.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2070	ALL		483875	3718675	1.71E-06	30YrCance	1.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:53:10 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmit30yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
2071	ALL		483925	3718675	1.86E-06	30YrCance	1.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2072	ALL		483975	3718675	2.07E-06	30YrCance	2.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2073	ALL		484025	3718675	2.52E-06	30YrCance	2.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2074	ALL		484075	3718675	4.53E-06	30YrCance	4.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2075	ALL		484125	3718675	5.98E-06	30YrCance	5.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2076	ALL		484175	3718675	2.77E-06	30YrCance	2.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2077	ALL		484225	3718675	2.22E-06	30YrCance	2.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2078	ALL		484275	3718675	1.99E-06	30YrCance	1.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2079	ALL		484325	3718675	1.83E-06	30YrCance	1.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2080	ALL		484375	3718675	1.92E-06	30YrCance	1.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2081	ALL		484425	3718675	2.00E-06	30YrCance	2.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2082	ALL		484475	3718675	1.88E-06	30YrCance	1.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2083	ALL		484525	3718675	1.60E-06	30YrCance	1.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2084	ALL		484575	3718675	1.44E-06	30YrCance	1.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2085	ALL		484625	3718675	1.45E-06	30YrCance	1.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2086	ALL		484675	3718675	1.41E-06	30YrCance	1.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2087	ALL		484725	3718675	1.33E-06	30YrCance	1.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2088	ALL		484775	3718675	1.17E-06	30YrCance	1.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2089	ALL		484825	3718675	1.11E-06	30YrCance	1.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2090	ALL		484875	3718675	1.06E-06	30YrCance	1.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2091	ALL		484925	3718675	1.00E-06	30YrCance	1.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2092	ALL		484975	3718675	9.67E-07	30YrCance	9.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2093	ALL		485025	3718675	9.93E-07	30YrCance	9.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2094	ALL		485075	3718675	1.03E-06	30YrCance	1.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2095	ALL		485125	3718675	1.02E-06	30YrCance	1.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2096	ALL		485175	3718675	9.61E-07	30YrCance	9.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2097	ALL		485225	3718675	8.79E-07	30YrCance	8.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2098	ALL		485275	3718675	7.79E-07	30YrCance	7.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2099	ALL		485325	3718675	6.88E-07	30YrCance	6.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2100	ALL		485375	3718675	6.57E-07	30YrCance	6.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2101	ALL		485425	3718675	6.29E-07	30YrCance	6.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2102	ALL		485475	3718675	6.04E-07	30YrCance	6.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2103	ALL		482925	3718725	1.40E-06	30YrCance	1.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2104	ALL		482975	3718725	1.46E-06	30YrCance	1.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2105	ALL		483025	3718725	1.52E-06	30YrCance	1.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2106	ALL		483075	3718725	1.62E-06	30YrCance	1.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2107	ALL		483125	3718725	1.65E-06	30YrCance	1.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2108	ALL		483175	3718725	1.67E-06	30YrCance	1.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2109	ALL		483225	3718725	1.65E-06	30YrCance	1.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2110	ALL		483275	3718725	1.75E-06	30YrCance	1.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2111	ALL		483325	3718725	1.88E-06	30YrCance	1.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2112	ALL		483375	3718725	2.00E-06	30YrCance	2.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2113	ALL		483425	3718725	2.06E-06	30YrCance	2.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2114	ALL		483475	3718725	2.10E-06	30YrCance	2.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2115	ALL		483525	3718725	2.27E-06	30YrCance	2.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:53:10 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmit30yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
2116	ALL		483575	3718725	2.51E-06	30YrCance	2.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2117	ALL		483625	3718725	2.65E-06	30YrCance	2.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2118	ALL		483675	3718725	2.48E-06	30YrCance	2.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2119	ALL		483725	3718725	2.19E-06	30YrCance	2.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2120	ALL		483775	3718725	1.99E-06	30YrCance	1.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2121	ALL		483825	3718725	1.96E-06	30YrCance	1.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2122	ALL		483875	3718725	1.63E-06	30YrCance	1.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2123	ALL		483925	3718725	1.92E-06	30YrCance	1.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2124	ALL		483975	3718725	2.10E-06	30YrCance	2.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2125	ALL		484025	3718725	2.39E-06	30YrCance	2.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2126	ALL		484075	3718725	4.14E-06	30YrCance	4.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2127	ALL		484125	3718725	6.43E-06	30YrCance	6.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2128	ALL		484175	3718725	2.68E-06	30YrCance	2.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2129	ALL		484225	3718725	2.10E-06	30YrCance	2.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2130	ALL		484275	3718725	1.88E-06	30YrCance	1.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2131	ALL		484325	3718725	1.72E-06	30YrCance	1.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2132	ALL		484375	3718725	1.74E-06	30YrCance	1.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2133	ALL		484425	3718725	1.83E-06	30YrCance	1.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2134	ALL		484475	3718725	1.76E-06	30YrCance	1.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2135	ALL		484525	3718725	1.54E-06	30YrCance	1.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2136	ALL		484575	3718725	1.33E-06	30YrCance	1.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2137	ALL		484625	3718725	1.32E-06	30YrCance	1.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2138	ALL		484675	3718725	1.31E-06	30YrCance	1.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2139	ALL		484725	3718725	1.26E-06	30YrCance	1.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2140	ALL		484775	3718725	1.15E-06	30YrCance	1.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2141	ALL		484825	3718725	1.05E-06	30YrCance	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2142	ALL		484875	3718725	1.00E-06	30YrCance	1.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2143	ALL		484925	3718725	9.51E-07	30YrCance	9.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2144	ALL		484975	3718725	9.14E-07	30YrCance	9.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2145	ALL		485025	3718725	8.92E-07	30YrCance	8.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2146	ALL		485075	3718725	9.02E-07	30YrCance	9.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2147	ALL		485125	3718725	9.37E-07	30YrCance	9.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2148	ALL		485175	3718725	9.29E-07	30YrCance	9.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2149	ALL		485225	3718725	8.83E-07	30YrCance	8.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2150	ALL		485275	3718725	8.15E-07	30YrCance	8.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2151	ALL		485325	3718725	7.29E-07	30YrCance	7.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2152	ALL		485375	3718725	6.38E-07	30YrCance	6.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2153	ALL		485425	3718725	6.09E-07	30YrCance	6.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2154	ALL		485475	3718725	5.76E-07	30YrCance	5.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2155	ALL		482925	3718775	1.42E-06	30YrCance	1.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2156	ALL		482975	3718775	1.45E-06	30YrCance	1.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2157	ALL		483025	3718775	1.48E-06	30YrCance	1.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2158	ALL		483075	3718775	1.59E-06	30YrCance	1.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2159	ALL		483125	3718775	1.62E-06	30YrCance	1.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2160	ALL		483175	3718775	1.63E-06	30YrCance	1.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:53:10 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmit30yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
2161	ALL		483225	3718775	1.63E-06	30YrCance	1.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2162	ALL		483275	3718775	1.71E-06	30YrCance	1.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2163	ALL		483325	3718775	1.85E-06	30YrCance	1.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2164	ALL		483375	3718775	1.99E-06	30YrCance	1.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2165	ALL		483425	3718775	2.05E-06	30YrCance	2.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2166	ALL		483475	3718775	2.06E-06	30YrCance	2.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2167	ALL		483525	3718775	2.15E-06	30YrCance	2.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2168	ALL		483575	3718775	2.24E-06	30YrCance	2.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2169	ALL		483625	3718775	2.36E-06	30YrCance	2.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2170	ALL		483675	3718775	2.65E-06	30YrCance	2.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2171	ALL		483725	3718775	2.52E-06	30YrCance	2.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2172	ALL		483775	3718775	2.22E-06	30YrCance	2.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2173	ALL		483825	3718775	2.02E-06	30YrCance	2.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2174	ALL		483875	3718775	1.70E-06	30YrCance	1.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2175	ALL		483925	3718775	1.80E-06	30YrCance	1.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2176	ALL		483975	3718775	2.12E-06	30YrCance	2.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2177	ALL		484025	3718775	2.41E-06	30YrCance	2.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2178	ALL		484075	3718775	3.83E-06	30YrCance	3.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2179	ALL		484125	3718775	7.15E-06	30YrCance	7.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2180	ALL		484175	3718775	2.61E-06	30YrCance	2.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2181	ALL		484225	3718775	2.01E-06	30YrCance	2.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2182	ALL		484275	3718775	1.79E-06	30YrCance	1.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2183	ALL		484325	3718775	1.63E-06	30YrCance	1.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2184	ALL		484375	3718775	1.59E-06	30YrCance	1.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2185	ALL		484425	3718775	1.67E-06	30YrCance	1.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2186	ALL		484475	3718775	1.64E-06	30YrCance	1.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2187	ALL		484525	3718775	1.47E-06	30YrCance	1.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2188	ALL		484575	3718775	1.26E-06	30YrCance	1.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2189	ALL		484625	3718775	1.20E-06	30YrCance	1.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2190	ALL		484675	3718775	1.21E-06	30YrCance	1.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2191	ALL		484725	3718775	1.17E-06	30YrCance	1.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2192	ALL		484775	3718775	1.11E-06	30YrCance	1.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2193	ALL		484825	3718775	9.99E-07	30YrCance	9.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2194	ALL		484875	3718775	9.48E-07	30YrCance	9.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2195	ALL		484925	3718775	9.05E-07	30YrCance	9.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2196	ALL		484975	3718775	8.68E-07	30YrCance	8.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2197	ALL		485025	3718775	8.37E-07	30YrCance	8.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2198	ALL		485075	3718775	8.15E-07	30YrCance	8.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2199	ALL		485125	3718775	8.23E-07	30YrCance	8.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2200	ALL		485175	3718775	8.49E-07	30YrCance	8.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2201	ALL		485225	3718775	8.42E-07	30YrCance	8.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2202	ALL		485275	3718775	8.15E-07	30YrCance	8.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2203	ALL		485325	3718775	7.58E-07	30YrCance	7.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2204	ALL		485375	3718775	6.82E-07	30YrCance	6.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2205	ALL		485425	3718775	5.98E-07	30YrCance	5.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:53:10 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmit30yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
2206	ALL		485475	3718775	5.63E-07	30YrCance	5.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2207	ALL		482925	3718825	1.40E-06	30YrCance	1.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2208	ALL		482975	3718825	1.46E-06	30YrCance	1.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2209	ALL		483025	3718825	1.53E-06	30YrCance	1.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2210	ALL		483075	3718825	1.57E-06	30YrCance	1.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2211	ALL		483125	3718825	1.60E-06	30YrCance	1.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2212	ALL		483175	3718825	1.57E-06	30YrCance	1.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2213	ALL		483225	3718825	1.60E-06	30YrCance	1.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2214	ALL		483275	3718825	1.67E-06	30YrCance	1.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2215	ALL		483325	3718825	1.79E-06	30YrCance	1.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2216	ALL		483375	3718825	1.92E-06	30YrCance	1.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2217	ALL		483425	3718825	2.00E-06	30YrCance	2.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2218	ALL		483475	3718825	2.04E-06	30YrCance	2.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2219	ALL		483525	3718825	2.13E-06	30YrCance	2.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2220	ALL		483575	3718825	2.27E-06	30YrCance	2.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2221	ALL		483625	3718825	2.27E-06	30YrCance	2.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2222	ALL		483675	3718825	2.35E-06	30YrCance	2.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2223	ALL		483725	3718825	2.65E-06	30YrCance	2.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2224	ALL		483775	3718825	2.38E-06	30YrCance	2.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2225	ALL		483825	3718825	1.96E-06	30YrCance	1.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2226	ALL		483875	3718825	2.17E-06	30YrCance	2.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2227	ALL		483925	3718825	2.31E-06	30YrCance	2.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2228	ALL		483975	3718825	2.24E-06	30YrCance	2.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2229	ALL		484025	3718825	2.30E-06	30YrCance	2.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2230	ALL		484075	3718825	3.55E-06	30YrCance	3.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2231	ALL		484125	3718825	7.92E-06	30YrCance	7.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2232	ALL		484175	3718825	2.56E-06	30YrCance	2.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2233	ALL		484225	3718825	1.94E-06	30YrCance	1.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2234	ALL		484275	3718825	1.71E-06	30YrCance	1.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2235	ALL		484325	3718825	1.55E-06	30YrCance	1.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2236	ALL		484375	3718825	1.46E-06	30YrCance	1.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2237	ALL		484425	3718825	1.54E-06	30YrCance	1.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2238	ALL		484475	3718825	1.53E-06	30YrCance	1.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2239	ALL		484525	3718825	1.41E-06	30YrCance	1.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2240	ALL		484575	3718825	1.20E-06	30YrCance	1.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2241	ALL		484625	3718825	1.13E-06	30YrCance	1.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2242	ALL		484675	3718825	1.11E-06	30YrCance	1.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2243	ALL		484725	3718825	1.10E-06	30YrCance	1.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2244	ALL		484775	3718825	1.06E-06	30YrCance	1.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2245	ALL		484825	3718825	9.81E-07	30YrCance	9.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2246	ALL		484875	3718825	9.01E-07	30YrCance	9.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2247	ALL		484925	3718825	8.66E-07	30YrCance	8.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2248	ALL		484975	3718825	8.24E-07	30YrCance	8.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2249	ALL		485025	3718825	7.88E-07	30YrCance	7.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2250	ALL		485075	3718825	7.54E-07	30YrCance	7.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:53:10 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmit30yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
2251	ALL		485125	3718825	7.40E-07	30YrCance	7.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2252	ALL		485175	3718825	7.41E-07	30YrCance	7.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2253	ALL		485225	3718825	7.68E-07	30YrCance	7.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2254	ALL		485275	3718825	7.77E-07	30YrCance	7.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2255	ALL		485325	3718825	7.54E-07	30YrCance	7.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2256	ALL		485375	3718825	7.08E-07	30YrCance	7.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2257	ALL		485425	3718825	6.42E-07	30YrCance	6.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2258	ALL		485475	3718825	5.65E-07	30YrCance	5.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2259	ALL		482925	3718875	1.39E-06	30YrCance	1.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2260	ALL		482975	3718875	1.46E-06	30YrCance	1.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2261	ALL		483025	3718875	1.49E-06	30YrCance	1.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2262	ALL		483075	3718875	1.55E-06	30YrCance	1.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2263	ALL		483125	3718875	1.60E-06	30YrCance	1.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2264	ALL		483175	3718875	1.60E-06	30YrCance	1.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2265	ALL		483225	3718875	1.59E-06	30YrCance	1.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2266	ALL		483275	3718875	1.63E-06	30YrCance	1.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2267	ALL		483325	3718875	1.73E-06	30YrCance	1.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2268	ALL		483375	3718875	1.82E-06	30YrCance	1.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2269	ALL		483425	3718875	1.94E-06	30YrCance	1.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2270	ALL		483475	3718875	2.03E-06	30YrCance	2.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2271	ALL		483525	3718875	2.10E-06	30YrCance	2.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2272	ALL		483575	3718875	2.23E-06	30YrCance	2.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2273	ALL		483625	3718875	2.24E-06	30YrCance	2.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2274	ALL		483675	3718875	2.23E-06	30YrCance	2.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2275	ALL		483725	3718875	2.52E-06	30YrCance	2.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2276	ALL		483775	3718875	2.28E-06	30YrCance	2.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2277	ALL		483825	3718875	2.15E-06	30YrCance	2.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2278	ALL		483875	3718875	2.28E-06	30YrCance	2.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2279	ALL		483925	3718875	2.53E-06	30YrCance	2.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2280	ALL		483975	3718875	2.32E-06	30YrCance	2.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2281	ALL		484025	3718875	2.32E-06	30YrCance	2.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2282	ALL		484075	3718875	3.33E-06	30YrCance	3.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2283	ALL		484125	3718875	9.02E-06	30YrCance	9.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2284	ALL		484175	3718875	2.52E-06	30YrCance	2.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2285	ALL		484225	3718875	1.87E-06	30YrCance	1.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2286	ALL		484275	3718875	1.64E-06	30YrCance	1.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2287	ALL		484325	3718875	1.48E-06	30YrCance	1.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2288	ALL		484375	3718875	1.36E-06	30YrCance	1.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2289	ALL		484425	3718875	1.42E-06	30YrCance	1.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2290	ALL		484475	3718875	1.43E-06	30YrCance	1.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2291	ALL		484525	3718875	1.34E-06	30YrCance	1.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2292	ALL		484575	3718875	1.17E-06	30YrCance	1.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2293	ALL		484625	3718875	1.06E-06	30YrCance	1.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2294	ALL		484675	3718875	1.02E-06	30YrCance	1.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2295	ALL		484725	3718875	1.03E-06	30YrCance	1.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:53:10 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmit30yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
2296	ALL		484775	3718875	9.91E-07	30YrCance	9.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2297	ALL		484825	3718875	9.48E-07	30YrCance	9.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2298	ALL		484875	3718875	8.62E-07	30YrCance	8.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2299	ALL		484925	3718875	8.28E-07	30YrCance	8.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2300	ALL		484975	3718875	7.93E-07	30YrCance	7.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2301	ALL		485025	3718875	7.55E-07	30YrCance	7.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2302	ALL		485075	3718875	7.23E-07	30YrCance	7.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2303	ALL		485125	3718875	6.94E-07	30YrCance	6.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2304	ALL		485175	3718875	6.79E-07	30YrCance	6.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2305	ALL		485225	3718875	6.83E-07	30YrCance	6.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2306	ALL		485275	3718875	7.10E-07	30YrCance	7.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2307	ALL		485325	3718875	7.15E-07	30YrCance	7.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2308	ALL		485375	3718875	6.94E-07	30YrCance	6.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2309	ALL		485425	3718875	6.54E-07	30YrCance	6.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2310	ALL		485475	3718875	5.95E-07	30YrCance	5.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2311	ALL		482925	3718925	1.37E-06	30YrCance	1.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2312	ALL		482975	3718925	1.42E-06	30YrCance	1.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2313	ALL		483025	3718925	1.47E-06	30YrCance	1.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2314	ALL		483075	3718925	1.52E-06	30YrCance	1.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2315	ALL		483125	3718925	1.58E-06	30YrCance	1.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2316	ALL		483175	3718925	1.58E-06	30YrCance	1.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2317	ALL		483225	3718925	1.59E-06	30YrCance	1.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2318	ALL		483275	3718925	1.61E-06	30YrCance	1.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2319	ALL		483325	3718925	1.65E-06	30YrCance	1.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2320	ALL		483375	3718925	1.75E-06	30YrCance	1.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2321	ALL		483425	3718925	1.86E-06	30YrCance	1.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2322	ALL		483475	3718925	1.90E-06	30YrCance	1.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2323	ALL		483525	3718925	1.96E-06	30YrCance	1.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2324	ALL		483575	3718925	2.09E-06	30YrCance	2.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2325	ALL		483625	3718925	2.15E-06	30YrCance	2.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2326	ALL		483675	3718925	2.15E-06	30YrCance	2.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2327	ALL		483725	3718925	2.39E-06	30YrCance	2.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2328	ALL		483775	3718925	2.46E-06	30YrCance	2.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2329	ALL		483825	3718925	2.40E-06	30YrCance	2.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2330	ALL		483875	3718925	2.32E-06	30YrCance	2.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2331	ALL		483925	3718925	2.42E-06	30YrCance	2.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2332	ALL		483975	3718925	2.43E-06	30YrCance	2.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2333	ALL		484025	3718925	2.35E-06	30YrCance	2.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2334	ALL		484075	3718925	3.13E-06	30YrCance	3.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2335	ALL		484125	3718925	9.94E-06	30YrCance	9.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2336	ALL		484175	3718925	2.49E-06	30YrCance	2.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2337	ALL		484225	3718925	1.82E-06	30YrCance	1.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2338	ALL		484275	3718925	1.58E-06	30YrCance	1.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2339	ALL		484325	3718925	1.42E-06	30YrCance	1.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2340	ALL		484375	3718925	1.31E-06	30YrCance	1.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:53:10 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmit30yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
2341	ALL		484425	3718925	1.32E-06	30YrCance	1.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2342	ALL		484475	3718925	1.33E-06	30YrCance	1.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2343	ALL		484525	3718925	1.27E-06	30YrCance	1.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2344	ALL		484575	3718925	1.13E-06	30YrCance	1.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2345	ALL		484625	3718925	1.01E-06	30YrCance	1.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2346	ALL		484675	3718925	9.67E-07	30YrCance	9.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2347	ALL		484725	3718925	9.51E-07	30YrCance	9.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2348	ALL		484775	3718925	9.39E-07	30YrCance	9.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2349	ALL		484825	3718925	9.02E-07	30YrCance	9.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2350	ALL		484875	3718925	8.46E-07	30YrCance	8.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2351	ALL		484925	3718925	7.92E-07	30YrCance	7.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2352	ALL		484975	3718925	7.62E-07	30YrCance	7.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2353	ALL		485025	3718925	7.22E-07	30YrCance	7.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2354	ALL		485075	3718925	6.94E-07	30YrCance	6.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2355	ALL		485125	3718925	6.76E-07	30YrCance	6.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2356	ALL		485175	3718925	6.66E-07	30YrCance	6.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2357	ALL		485225	3718925	6.46E-07	30YrCance	6.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2358	ALL		485275	3718925	6.29E-07	30YrCance	6.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2359	ALL		485325	3718925	6.53E-07	30YrCance	6.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2360	ALL		485375	3718925	6.57E-07	30YrCance	6.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2361	ALL		485425	3718925	6.41E-07	30YrCance	6.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2362	ALL		485475	3718925	6.07E-07	30YrCance	6.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2363	ALL		482925	3718975	1.35E-06	30YrCance	1.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2364	ALL		482975	3718975	1.40E-06	30YrCance	1.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2365	ALL		483025	3718975	1.42E-06	30YrCance	1.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2366	ALL		483075	3718975	1.48E-06	30YrCance	1.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2367	ALL		483125	3718975	1.53E-06	30YrCance	1.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2368	ALL		483175	3718975	1.58E-06	30YrCance	1.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2369	ALL		483225	3718975	1.61E-06	30YrCance	1.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2370	ALL		483275	3718975	1.60E-06	30YrCance	1.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2371	ALL		483325	3718975	1.64E-06	30YrCance	1.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2372	ALL		483375	3718975	1.68E-06	30YrCance	1.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2373	ALL		483425	3718975	1.76E-06	30YrCance	1.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2374	ALL		483475	3718975	1.81E-06	30YrCance	1.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2375	ALL		483525	3718975	1.86E-06	30YrCance	1.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2376	ALL		483575	3718975	1.96E-06	30YrCance	1.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2377	ALL		483625	3718975	2.07E-06	30YrCance	2.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2378	ALL		483675	3718975	2.06E-06	30YrCance	2.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2379	ALL		483725	3718975	2.11E-06	30YrCance	2.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2380	ALL		483775	3718975	2.25E-06	30YrCance	2.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2381	ALL		483825	3718975	2.41E-06	30YrCance	2.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2382	ALL		483875	3718975	2.43E-06	30YrCance	2.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2383	ALL		483925	3718975	2.19E-06	30YrCance	2.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2384	ALL		483975	3718975	2.00E-06	30YrCance	2.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2385	ALL		484025	3718975	2.18E-06	30YrCance	2.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:53:10 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmit30yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
2386	ALL		484075	3718975	3.13E-06	30YrCance	3.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2387	ALL		484125	3718975	9.78E-06	30YrCance	9.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2388	ALL		484175	3718975	2.47E-06	30YrCance	2.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2389	ALL		484225	3718975	1.78E-06	30YrCance	1.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2390	ALL		484275	3718975	1.52E-06	30YrCance	1.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2391	ALL		484325	3718975	1.36E-06	30YrCance	1.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2392	ALL		484375	3718975	1.26E-06	30YrCance	1.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2393	ALL		484425	3718975	1.22E-06	30YrCance	1.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2394	ALL		484475	3718975	1.24E-06	30YrCance	1.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2395	ALL		484525	3718975	1.20E-06	30YrCance	1.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2396	ALL		484575	3718975	1.08E-06	30YrCance	1.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2397	ALL		484625	3718975	9.59E-07	30YrCance	9.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2398	ALL		484675	3718975	9.19E-07	30YrCance	9.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2399	ALL		484725	3718975	8.83E-07	30YrCance	8.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2400	ALL		484775	3718975	8.83E-07	30YrCance	8.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2401	ALL		484825	3718975	8.53E-07	30YrCance	8.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2402	ALL		484875	3718975	8.18E-07	30YrCance	8.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2403	ALL		484925	3718975	7.51E-07	30YrCance	7.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2404	ALL		484975	3718975	7.24E-07	30YrCance	7.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2405	ALL		485025	3718975	7.00E-07	30YrCance	7.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2406	ALL		485075	3718975	6.77E-07	30YrCance	6.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2407	ALL		485125	3718975	6.60E-07	30YrCance	6.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2408	ALL		485175	3718975	6.26E-07	30YrCance	6.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2409	ALL		485225	3718975	6.06E-07	30YrCance	6.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2410	ALL		485275	3718975	5.91E-07	30YrCance	5.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2411	ALL		485325	3718975	5.79E-07	30YrCance	5.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2412	ALL		485375	3718975	6.01E-07	30YrCance	6.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2413	ALL		485425	3718975	6.07E-07	30YrCance	6.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2414	ALL		485475	3718975	5.97E-07	30YrCance	5.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2415	ALL		482925	3719025	1.30E-06	30YrCance	1.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2416	ALL		482975	3719025	1.34E-06	30YrCance	1.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2417	ALL		483025	3719025	1.36E-06	30YrCance	1.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2418	ALL		483075	3719025	1.40E-06	30YrCance	1.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2419	ALL		483125	3719025	1.46E-06	30YrCance	1.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2420	ALL		483175	3719025	1.52E-06	30YrCance	1.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2421	ALL		483225	3719025	1.57E-06	30YrCance	1.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2422	ALL		483275	3719025	1.58E-06	30YrCance	1.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2423	ALL		483325	3719025	1.62E-06	30YrCance	1.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2424	ALL		483375	3719025	1.65E-06	30YrCance	1.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2425	ALL		483425	3719025	1.71E-06	30YrCance	1.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2426	ALL		483475	3719025	1.76E-06	30YrCance	1.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2427	ALL		483525	3719025	1.80E-06	30YrCance	1.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2428	ALL		483575	3719025	1.86E-06	30YrCance	1.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2429	ALL		483625	3719025	1.97E-06	30YrCance	1.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2430	ALL		483675	3719025	2.03E-06	30YrCance	2.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:53:10 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmit30yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
2431	ALL		483725	3719025	2.05E-06	30YrCance	2.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2432	ALL		483775	3719025	2.05E-06	30YrCance	2.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2433	ALL		483825	3719025	2.11E-06	30YrCance	2.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2434	ALL		483875	3719025	2.33E-06	30YrCance	2.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2435	ALL		483925	3719025	2.28E-06	30YrCance	2.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2436	ALL		483975	3719025	2.07E-06	30YrCance	2.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2437	ALL		484025	3719025	2.09E-06	30YrCance	2.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2438	ALL		484075	3719025	2.84E-06	30YrCance	2.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2439	ALL		484125	3719025	9.57E-06	30YrCance	9.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2440	ALL		484175	3719025	2.48E-06	30YrCance	2.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2441	ALL		484225	3719025	1.73E-06	30YrCance	1.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2442	ALL		484275	3719025	1.46E-06	30YrCance	1.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2443	ALL		484325	3719025	1.30E-06	30YrCance	1.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2444	ALL		484375	3719025	1.19E-06	30YrCance	1.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2445	ALL		484425	3719025	1.14E-06	30YrCance	1.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2446	ALL		484475	3719025	1.16E-06	30YrCance	1.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2447	ALL		484525	3719025	1.13E-06	30YrCance	1.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2448	ALL		484575	3719025	1.04E-06	30YrCance	1.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2449	ALL		484625	3719025	9.13E-07	30YrCance	9.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2450	ALL		484675	3719025	8.74E-07	30YrCance	8.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2451	ALL		484725	3719025	8.45E-07	30YrCance	8.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2452	ALL		484775	3719025	8.24E-07	30YrCance	8.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2453	ALL		484825	3719025	8.12E-07	30YrCance	8.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2454	ALL		484875	3719025	7.79E-07	30YrCance	7.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2455	ALL		484925	3719025	7.34E-07	30YrCance	7.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2456	ALL		484975	3719025	6.97E-07	30YrCance	6.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2457	ALL		485025	3719025	6.77E-07	30YrCance	6.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2458	ALL		485075	3719025	6.60E-07	30YrCance	6.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2459	ALL		485125	3719025	6.32E-07	30YrCance	6.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2460	ALL		485175	3719025	6.01E-07	30YrCance	6.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2461	ALL		485225	3719025	5.76E-07	30YrCance	5.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2462	ALL		485275	3719025	5.58E-07	30YrCance	5.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2463	ALL		485325	3719025	5.44E-07	30YrCance	5.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2464	ALL		485375	3719025	5.34E-07	30YrCance	5.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2465	ALL		485425	3719025	5.56E-07	30YrCance	5.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2466	ALL		485475	3719025	5.64E-07	30YrCance	5.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:52:25 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmit70yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
1	ALL		482925	3716575	8.56E-07	70YrCance	8.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2	ALL		482975	3716575	8.95E-07	70YrCance	8.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3	ALL		483025	3716575	9.88E-07	70YrCance	9.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4	ALL		483075	3716575	9.89E-07	70YrCance	9.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5	ALL		483125	3716575	1.18E-06	70YrCance	1.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6	ALL		483175	3716575	1.90E-06	70YrCance	1.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7	ALL		483225	3716575	4.31E-06	70YrCance	4.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8	ALL		483275	3716575	5.91E-06	70YrCance	5.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9	ALL		483325	3716575	2.29E-06	70YrCance	2.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10	ALL		483375	3716575	1.65E-06	70YrCance	1.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11	ALL		483425	3716575	1.36E-06	70YrCance	1.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12	ALL		483475	3716575	1.24E-06	70YrCance	1.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
13	ALL		483525	3716575	1.16E-06	70YrCance	1.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
14	ALL		483575	3716575	1.09E-06	70YrCance	1.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
15	ALL		483625	3716575	1.03E-06	70YrCance	1.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
16	ALL		483675	3716575	9.98E-07	70YrCance	9.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
17	ALL		483725	3716575	9.70E-07	70YrCance	9.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
18	ALL		483775	3716575	9.57E-07	70YrCance	9.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
19	ALL		483825	3716575	9.42E-07	70YrCance	9.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
20	ALL		483875	3716575	9.32E-07	70YrCance	9.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
21	ALL		483925	3716575	9.20E-07	70YrCance	9.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
22	ALL		483975	3716575	9.16E-07	70YrCance	9.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
23	ALL		484025	3716575	9.07E-07	70YrCance	9.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
24	ALL		484075	3716575	8.98E-07	70YrCance	8.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
25	ALL		484125	3716575	8.88E-07	70YrCance	8.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
26	ALL		484175	3716575	8.74E-07	70YrCance	8.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
27	ALL		484225	3716575	8.67E-07	70YrCance	8.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
28	ALL		484275	3716575	8.59E-07	70YrCance	8.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
29	ALL		484325	3716575	8.55E-07	70YrCance	8.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
30	ALL		484375	3716575	8.47E-07	70YrCance	8.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
31	ALL		484425	3716575	8.36E-07	70YrCance	8.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
32	ALL		484475	3716575	8.17E-07	70YrCance	8.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
33	ALL		484525	3716575	8.07E-07	70YrCance	8.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
34	ALL		484575	3716575	7.87E-07	70YrCance	7.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
35	ALL		484625	3716575	8.41E-07	70YrCance	8.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
36	ALL		484675	3716575	8.59E-07	70YrCance	8.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
37	ALL		484725	3716575	8.08E-07	70YrCance	8.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
38	ALL		484775	3716575	7.31E-07	70YrCance	7.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
39	ALL		484825	3716575	7.11E-07	70YrCance	7.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
40	ALL		484875	3716575	6.90E-07	70YrCance	6.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
41	ALL		484925	3716575	6.76E-07	70YrCance	6.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
42	ALL		484975	3716575	6.63E-07	70YrCance	6.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
43	ALL		485025	3716575	6.63E-07	70YrCance	6.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
44	ALL		485075	3716575	6.74E-07	70YrCance	6.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
45	ALL		485125	3716575	6.89E-07	70YrCance	6.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:52:25 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmit70yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
46	ALL		485175	3716575	7.35E-07	70YrCance	7.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
47	ALL		485225	3716575	7.51E-07	70YrCance	7.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
48	ALL		485275	3716575	7.34E-07	70YrCance	7.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
49	ALL		485325	3716575	6.90E-07	70YrCance	6.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
50	ALL		485375	3716575	6.23E-07	70YrCance	6.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
51	ALL		485425	3716575	5.50E-07	70YrCance	5.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
52	ALL		485475	3716575	5.29E-07	70YrCance	5.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
53	ALL		482925	3716625	8.65E-07	70YrCance	8.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
54	ALL		482975	3716625	9.07E-07	70YrCance	9.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
55	ALL		483025	3716625	9.19E-07	70YrCance	9.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
56	ALL		483075	3716625	9.79E-07	70YrCance	9.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
57	ALL		483125	3716625	1.14E-06	70YrCance	1.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
58	ALL		483175	3716625	1.61E-06	70YrCance	1.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
59	ALL		483225	3716625	3.13E-06	70YrCance	3.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
60	ALL		483275	3716625	1.12E-05	70YrCance	1.12E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
61	ALL		483325	3716625	2.67E-06	70YrCance	2.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
62	ALL		483375	3716625	1.79E-06	70YrCance	1.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
63	ALL		483425	3716625	1.45E-06	70YrCance	1.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
64	ALL		483475	3716625	1.29E-06	70YrCance	1.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
65	ALL		483525	3716625	1.20E-06	70YrCance	1.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
66	ALL		483575	3716625	1.15E-06	70YrCance	1.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
67	ALL		483625	3716625	1.08E-06	70YrCance	1.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
68	ALL		483675	3716625	1.05E-06	70YrCance	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
69	ALL		483725	3716625	1.02E-06	70YrCance	1.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
70	ALL		483775	3716625	1.00E-06	70YrCance	1.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
71	ALL		483825	3716625	9.92E-07	70YrCance	9.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
72	ALL		483875	3716625	9.83E-07	70YrCance	9.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
73	ALL		483925	3716625	9.69E-07	70YrCance	9.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
74	ALL		483975	3716625	9.65E-07	70YrCance	9.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
75	ALL		484025	3716625	9.59E-07	70YrCance	9.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
76	ALL		484075	3716625	9.50E-07	70YrCance	9.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
77	ALL		484125	3716625	9.41E-07	70YrCance	9.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
78	ALL		484175	3716625	9.24E-07	70YrCance	9.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
79	ALL		484225	3716625	9.16E-07	70YrCance	9.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
80	ALL		484275	3716625	9.06E-07	70YrCance	9.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
81	ALL		484325	3716625	9.03E-07	70YrCance	9.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
82	ALL		484375	3716625	9.00E-07	70YrCance	9.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
83	ALL		484425	3716625	8.87E-07	70YrCance	8.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
84	ALL		484475	3716625	8.66E-07	70YrCance	8.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
85	ALL		484525	3716625	8.54E-07	70YrCance	8.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
86	ALL		484575	3716625	8.46E-07	70YrCance	8.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
87	ALL		484625	3716625	9.10E-07	70YrCance	9.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
88	ALL		484675	3716625	9.06E-07	70YrCance	9.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
89	ALL		484725	3716625	8.33E-07	70YrCance	8.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
90	ALL		484775	3716625	7.70E-07	70YrCance	7.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:52:25 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmit70yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
91	ALL		484825	3716625	7.53E-07	70YrCance	7.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
92	ALL		484875	3716625	7.30E-07	70YrCance	7.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
93	ALL		484925	3716625	7.09E-07	70YrCance	7.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
94	ALL		484975	3716625	6.84E-07	70YrCance	6.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
95	ALL		485025	3716625	6.83E-07	70YrCance	6.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
96	ALL		485075	3716625	7.09E-07	70YrCance	7.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
97	ALL		485125	3716625	7.70E-07	70YrCance	7.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
98	ALL		485175	3716625	8.00E-07	70YrCance	8.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
99	ALL		485225	3716625	7.90E-07	70YrCance	7.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
100	ALL		485275	3716625	7.46E-07	70YrCance	7.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
101	ALL		485325	3716625	6.77E-07	70YrCance	6.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
102	ALL		485375	3716625	5.97E-07	70YrCance	5.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
103	ALL		485425	3716625	5.64E-07	70YrCance	5.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
104	ALL		485475	3716625	5.70E-07	70YrCance	5.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
105	ALL		482925	3716675	8.70E-07	70YrCance	8.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
106	ALL		482975	3716675	9.40E-07	70YrCance	9.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
107	ALL		483025	3716675	9.52E-07	70YrCance	9.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
108	ALL		483075	3716675	9.94E-07	70YrCance	9.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
109	ALL		483125	3716675	1.10E-06	70YrCance	1.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
110	ALL		483175	3716675	1.44E-06	70YrCance	1.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
111	ALL		483225	3716675	2.35E-06	70YrCance	2.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
112	ALL		483275	3716675	8.71E-06	70YrCance	8.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
113	ALL		483325	3716675	3.35E-06	70YrCance	3.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
114	ALL		483375	3716675	1.97E-06	70YrCance	1.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
115	ALL		483425	3716675	1.56E-06	70YrCance	1.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
116	ALL		483475	3716675	1.36E-06	70YrCance	1.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
117	ALL		483525	3716675	1.26E-06	70YrCance	1.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
118	ALL		483575	3716675	1.20E-06	70YrCance	1.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
119	ALL		483625	3716675	1.16E-06	70YrCance	1.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
120	ALL		483675	3716675	1.10E-06	70YrCance	1.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
121	ALL		483725	3716675	1.08E-06	70YrCance	1.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
122	ALL		483775	3716675	1.05E-06	70YrCance	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
123	ALL		483825	3716675	1.05E-06	70YrCance	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
124	ALL		483875	3716675	1.04E-06	70YrCance	1.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
125	ALL		483925	3716675	1.02E-06	70YrCance	1.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
126	ALL		483975	3716675	1.02E-06	70YrCance	1.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
127	ALL		484025	3716675	1.02E-06	70YrCance	1.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
128	ALL		484075	3716675	1.01E-06	70YrCance	1.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
129	ALL		484125	3716675	9.96E-07	70YrCance	9.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
130	ALL		484175	3716675	9.83E-07	70YrCance	9.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
131	ALL		484225	3716675	9.73E-07	70YrCance	9.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
132	ALL		484275	3716675	9.61E-07	70YrCance	9.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
133	ALL		484325	3716675	9.54E-07	70YrCance	9.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
134	ALL		484375	3716675	9.57E-07	70YrCance	9.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
135	ALL		484425	3716675	9.49E-07	70YrCance	9.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:52:25 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmit70yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
136	ALL		484475	3716675	9.32E-07	70YrCance	9.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
137	ALL		484525	3716675	9.10E-07	70YrCance	9.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
138	ALL		484575	3716675	9.28E-07	70YrCance	9.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
139	ALL		484625	3716675	9.85E-07	70YrCance	9.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
140	ALL		484675	3716675	9.52E-07	70YrCance	9.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
141	ALL		484725	3716675	8.55E-07	70YrCance	8.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
142	ALL		484775	3716675	8.13E-07	70YrCance	8.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
143	ALL		484825	3716675	7.91E-07	70YrCance	7.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
144	ALL		484875	3716675	7.73E-07	70YrCance	7.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
145	ALL		484925	3716675	7.45E-07	70YrCance	7.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
146	ALL		484975	3716675	7.16E-07	70YrCance	7.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
147	ALL		485025	3716675	7.13E-07	70YrCance	7.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
148	ALL		485075	3716675	7.93E-07	70YrCance	7.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
149	ALL		485125	3716675	8.40E-07	70YrCance	8.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
150	ALL		485175	3716675	8.47E-07	70YrCance	8.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
151	ALL		485225	3716675	8.08E-07	70YrCance	8.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
152	ALL		485275	3716675	7.36E-07	70YrCance	7.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
153	ALL		485325	3716675	6.49E-07	70YrCance	6.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
154	ALL		485375	3716675	6.06E-07	70YrCance	6.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
155	ALL		485425	3716675	6.12E-07	70YrCance	6.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
156	ALL		485475	3716675	6.07E-07	70YrCance	6.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
157	ALL		482925	3716725	8.61E-07	70YrCance	8.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
158	ALL		482975	3716725	9.47E-07	70YrCance	9.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
159	ALL		483025	3716725	1.01E-06	70YrCance	1.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
160	ALL		483075	3716725	1.06E-06	70YrCance	1.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
161	ALL		483125	3716725	1.16E-06	70YrCance	1.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
162	ALL		483175	3716725	1.35E-06	70YrCance	1.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
163	ALL		483225	3716725	1.91E-06	70YrCance	1.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
164	ALL		483275	3716725	6.04E-06	70YrCance	6.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
165	ALL		483325	3716725	4.72E-06	70YrCance	4.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
166	ALL		483375	3716725	2.20E-06	70YrCance	2.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
167	ALL		483425	3716725	1.67E-06	70YrCance	1.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
168	ALL		483475	3716725	1.46E-06	70YrCance	1.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
169	ALL		483525	3716725	1.32E-06	70YrCance	1.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
170	ALL		483575	3716725	1.25E-06	70YrCance	1.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
171	ALL		483625	3716725	1.21E-06	70YrCance	1.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
172	ALL		483675	3716725	1.17E-06	70YrCance	1.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
173	ALL		483725	3716725	1.14E-06	70YrCance	1.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
174	ALL		483775	3716725	1.12E-06	70YrCance	1.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
175	ALL		483825	3716725	1.11E-06	70YrCance	1.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
176	ALL		483875	3716725	1.10E-06	70YrCance	1.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
177	ALL		483925	3716725	1.09E-06	70YrCance	1.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
178	ALL		483975	3716725	1.08E-06	70YrCance	1.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
179	ALL		484025	3716725	1.08E-06	70YrCance	1.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
180	ALL		484075	3716725	1.07E-06	70YrCance	1.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:52:25 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmit70yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
181	ALL		484125	3716725	1.06E-06	70YrCance	1.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
182	ALL		484175	3716725	1.04E-06	70YrCance	1.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
183	ALL		484225	3716725	1.04E-06	70YrCance	1.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
184	ALL		484275	3716725	1.02E-06	70YrCance	1.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
185	ALL		484325	3716725	1.01E-06	70YrCance	1.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
186	ALL		484375	3716725	1.02E-06	70YrCance	1.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
187	ALL		484425	3716725	1.00E-06	70YrCance	1.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
188	ALL		484475	3716725	9.91E-07	70YrCance	9.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
189	ALL		484525	3716725	9.75E-07	70YrCance	9.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
190	ALL		484575	3716725	1.03E-06	70YrCance	1.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
191	ALL		484625	3716725	1.06E-06	70YrCance	1.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
192	ALL		484675	3716725	9.94E-07	70YrCance	9.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
193	ALL		484725	3716725	9.10E-07	70YrCance	9.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
194	ALL		484775	3716725	8.80E-07	70YrCance	8.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
195	ALL		484825	3716725	8.50E-07	70YrCance	8.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
196	ALL		484875	3716725	8.30E-07	70YrCance	8.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
197	ALL		484925	3716725	7.91E-07	70YrCance	7.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
198	ALL		484975	3716725	7.52E-07	70YrCance	7.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
199	ALL		485025	3716725	8.10E-07	70YrCance	8.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
200	ALL		485075	3716725	8.74E-07	70YrCance	8.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
201	ALL		485125	3716725	8.99E-07	70YrCance	8.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
202	ALL		485175	3716725	8.72E-07	70YrCance	8.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
203	ALL		485225	3716725	8.03E-07	70YrCance	8.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
204	ALL		485275	3716725	7.09E-07	70YrCance	7.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
205	ALL		485325	3716725	6.47E-07	70YrCance	6.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
206	ALL		485375	3716725	6.58E-07	70YrCance	6.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
207	ALL		485425	3716725	6.53E-07	70YrCance	6.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
208	ALL		485475	3716725	6.35E-07	70YrCance	6.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
209	ALL		482925	3716775	8.37E-07	70YrCance	8.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
210	ALL		482975	3716775	9.14E-07	70YrCance	9.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
211	ALL		483025	3716775	9.99E-07	70YrCance	9.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
212	ALL		483075	3716775	1.09E-06	70YrCance	1.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
213	ALL		483125	3716775	1.22E-06	70YrCance	1.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
214	ALL		483175	3716775	1.46E-06	70YrCance	1.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
215	ALL		483225	3716775	1.88E-06	70YrCance	1.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
216	ALL		483275	3716775	3.73E-06	70YrCance	3.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
217	ALL		483325	3716775	9.06E-06	70YrCance	9.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
218	ALL		483375	3716775	2.55E-06	70YrCance	2.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
219	ALL		483425	3716775	1.83E-06	70YrCance	1.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
220	ALL		483475	3716775	1.57E-06	70YrCance	1.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
221	ALL		483525	3716775	1.41E-06	70YrCance	1.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
222	ALL		483575	3716775	1.32E-06	70YrCance	1.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
223	ALL		483625	3716775	1.26E-06	70YrCance	1.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
224	ALL		483675	3716775	1.24E-06	70YrCance	1.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
225	ALL		483725	3716775	1.21E-06	70YrCance	1.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:52:25 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmit70yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
226	ALL		483775	3716775	1.20E-06	70YrCance	1.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
227	ALL		483825	3716775	1.17E-06	70YrCance	1.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
228	ALL		483875	3716775	1.17E-06	70YrCance	1.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
229	ALL		483925	3716775	1.16E-06	70YrCance	1.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
230	ALL		483975	3716775	1.15E-06	70YrCance	1.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
231	ALL		484025	3716775	1.15E-06	70YrCance	1.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
232	ALL		484075	3716775	1.14E-06	70YrCance	1.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
233	ALL		484125	3716775	1.13E-06	70YrCance	1.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
234	ALL		484175	3716775	1.12E-06	70YrCance	1.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
235	ALL		484225	3716775	1.11E-06	70YrCance	1.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
236	ALL		484275	3716775	1.09E-06	70YrCance	1.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
237	ALL		484325	3716775	1.07E-06	70YrCance	1.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
238	ALL		484375	3716775	1.08E-06	70YrCance	1.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
239	ALL		484425	3716775	1.06E-06	70YrCance	1.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
240	ALL		484475	3716775	1.06E-06	70YrCance	1.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
241	ALL		484525	3716775	1.05E-06	70YrCance	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
242	ALL		484575	3716775	1.14E-06	70YrCance	1.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
243	ALL		484625	3716775	1.14E-06	70YrCance	1.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
244	ALL		484675	3716775	1.04E-06	70YrCance	1.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
245	ALL		484725	3716775	9.42E-07	70YrCance	9.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
246	ALL		484775	3716775	9.74E-07	70YrCance	9.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
247	ALL		484825	3716775	9.27E-07	70YrCance	9.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
248	ALL		484875	3716775	8.88E-07	70YrCance	8.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
249	ALL		484925	3716775	8.58E-07	70YrCance	8.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
250	ALL		484975	3716775	8.67E-07	70YrCance	8.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
251	ALL		485025	3716775	9.30E-07	70YrCance	9.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
252	ALL		485075	3716775	9.54E-07	70YrCance	9.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
253	ALL		485125	3716775	9.37E-07	70YrCance	9.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
254	ALL		485175	3716775	8.72E-07	70YrCance	8.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
255	ALL		485225	3716775	7.74E-07	70YrCance	7.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
256	ALL		485275	3716775	6.94E-07	70YrCance	6.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
257	ALL		485325	3716775	7.05E-07	70YrCance	7.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
258	ALL		485375	3716775	7.02E-07	70YrCance	7.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
259	ALL		485425	3716775	6.82E-07	70YrCance	6.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
260	ALL		485475	3716775	6.60E-07	70YrCance	6.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
261	ALL		482925	3716825	8.27E-07	70YrCance	8.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
262	ALL		482975	3716825	8.75E-07	70YrCance	8.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
263	ALL		483025	3716825	9.37E-07	70YrCance	9.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
264	ALL		483075	3716825	1.03E-06	70YrCance	1.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
265	ALL		483125	3716825	1.16E-06	70YrCance	1.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
266	ALL		483175	3716825	1.42E-06	70YrCance	1.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
267	ALL		483225	3716825	1.83E-06	70YrCance	1.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
268	ALL		483275	3716825	2.86E-06	70YrCance	2.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
269	ALL		483325	3716825	9.06E-06	70YrCance	9.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
270	ALL		483375	3716825	3.13E-06	70YrCance	3.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:52:25 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmit70yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
271	ALL		483425	3716825	2.03E-06	70YrCance	2.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
272	ALL		483475	3716825	1.70E-06	70YrCance	1.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
273	ALL		483525	3716825	1.48E-06	70YrCance	1.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
274	ALL		483575	3716825	1.39E-06	70YrCance	1.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
275	ALL		483625	3716825	1.33E-06	70YrCance	1.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
276	ALL		483675	3716825	1.32E-06	70YrCance	1.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
277	ALL		483725	3716825	1.31E-06	70YrCance	1.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
278	ALL		483775	3716825	1.30E-06	70YrCance	1.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
279	ALL		483825	3716825	1.25E-06	70YrCance	1.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
280	ALL		483875	3716825	1.25E-06	70YrCance	1.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
281	ALL		483925	3716825	1.26E-06	70YrCance	1.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
282	ALL		483975	3716825	1.24E-06	70YrCance	1.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
283	ALL		484025	3716825	1.25E-06	70YrCance	1.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
284	ALL		484075	3716825	1.24E-06	70YrCance	1.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
285	ALL		484125	3716825	1.22E-06	70YrCance	1.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
286	ALL		484175	3716825	1.20E-06	70YrCance	1.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
287	ALL		484225	3716825	1.19E-06	70YrCance	1.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
288	ALL		484275	3716825	1.17E-06	70YrCance	1.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
289	ALL		484325	3716825	1.15E-06	70YrCance	1.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
290	ALL		484375	3716825	1.16E-06	70YrCance	1.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
291	ALL		484425	3716825	1.13E-06	70YrCance	1.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
292	ALL		484475	3716825	1.12E-06	70YrCance	1.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
293	ALL		484525	3716825	1.15E-06	70YrCance	1.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
294	ALL		484575	3716825	1.26E-06	70YrCance	1.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
295	ALL		484625	3716825	1.23E-06	70YrCance	1.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
296	ALL		484675	3716825	1.09E-06	70YrCance	1.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
297	ALL		484725	3716825	1.03E-06	70YrCance	1.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
298	ALL		484775	3716825	9.93E-07	70YrCance	9.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
299	ALL		484825	3716825	9.79E-07	70YrCance	9.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
300	ALL		484875	3716825	9.41E-07	70YrCance	9.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
301	ALL		484925	3716825	9.11E-07	70YrCance	9.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
302	ALL		484975	3716825	9.99E-07	70YrCance	9.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
303	ALL		485025	3716825	1.04E-06	70YrCance	1.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
304	ALL		485075	3716825	1.02E-06	70YrCance	1.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
305	ALL		485125	3716825	9.56E-07	70YrCance	9.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
306	ALL		485175	3716825	8.50E-07	70YrCance	8.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
307	ALL		485225	3716825	7.46E-07	70YrCance	7.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
308	ALL		485275	3716825	7.58E-07	70YrCance	7.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
309	ALL		485325	3716825	7.54E-07	70YrCance	7.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
310	ALL		485375	3716825	7.33E-07	70YrCance	7.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
311	ALL		485425	3716825	7.02E-07	70YrCance	7.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
312	ALL		485475	3716825	6.66E-07	70YrCance	6.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
313	ALL		482925	3716875	8.49E-07	70YrCance	8.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
314	ALL		482975	3716875	8.96E-07	70YrCance	8.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
315	ALL		483025	3716875	9.34E-07	70YrCance	9.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:52:25 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmit70yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
316	ALL		483075	3716875	9.92E-07	70YrCance	9.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
317	ALL		483125	3716875	1.12E-06	70YrCance	1.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
318	ALL		483175	3716875	1.37E-06	70YrCance	1.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
319	ALL		483225	3716875	1.64E-06	70YrCance	1.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
320	ALL		483275	3716875	2.23E-06	70YrCance	2.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
321	ALL		483325	3716875	7.48E-06	70YrCance	7.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
322	ALL		483375	3716875	4.49E-06	70YrCance	4.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
323	ALL		483425	3716875	2.31E-06	70YrCance	2.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
324	ALL		483475	3716875	1.79E-06	70YrCance	1.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
325	ALL		483525	3716875	1.53E-06	70YrCance	1.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
326	ALL		483575	3716875	1.44E-06	70YrCance	1.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
327	ALL		483625	3716875	1.40E-06	70YrCance	1.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
328	ALL		483675	3716875	1.34E-06	70YrCance	1.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
329	ALL		483725	3716875	1.37E-06	70YrCance	1.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
330	ALL		483775	3716875	1.38E-06	70YrCance	1.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
331	ALL		483825	3716875	1.34E-06	70YrCance	1.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
332	ALL		483875	3716875	1.38E-06	70YrCance	1.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
333	ALL		483925	3716875	1.40E-06	70YrCance	1.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
334	ALL		483975	3716875	1.39E-06	70YrCance	1.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
335	ALL		484025	3716875	1.38E-06	70YrCance	1.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
336	ALL		484075	3716875	1.35E-06	70YrCance	1.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
337	ALL		484125	3716875	1.33E-06	70YrCance	1.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
338	ALL		484175	3716875	1.30E-06	70YrCance	1.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
339	ALL		484225	3716875	1.29E-06	70YrCance	1.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
340	ALL		484275	3716875	1.28E-06	70YrCance	1.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
341	ALL		484325	3716875	1.25E-06	70YrCance	1.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
342	ALL		484375	3716875	1.26E-06	70YrCance	1.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
343	ALL		484425	3716875	1.21E-06	70YrCance	1.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
344	ALL		484475	3716875	1.19E-06	70YrCance	1.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
345	ALL		484525	3716875	1.28E-06	70YrCance	1.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
346	ALL		484575	3716875	1.36E-06	70YrCance	1.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
347	ALL		484625	3716875	1.33E-06	70YrCance	1.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
348	ALL		484675	3716875	1.25E-06	70YrCance	1.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
349	ALL		484725	3716875	1.15E-06	70YrCance	1.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
350	ALL		484775	3716875	1.10E-06	70YrCance	1.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
351	ALL		484825	3716875	1.03E-06	70YrCance	1.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
352	ALL		484875	3716875	9.83E-07	70YrCance	9.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
353	ALL		484925	3716875	1.05E-06	70YrCance	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
354	ALL		484975	3716875	1.12E-06	70YrCance	1.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
355	ALL		485025	3716875	1.12E-06	70YrCance	1.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
356	ALL		485075	3716875	1.06E-06	70YrCance	1.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
357	ALL		485125	3716875	9.45E-07	70YrCance	9.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
358	ALL		485175	3716875	8.11E-07	70YrCance	8.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
359	ALL		485225	3716875	8.22E-07	70YrCance	8.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
360	ALL		485275	3716875	8.17E-07	70YrCance	8.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:52:25 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmit70yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
361	ALL		485325	3716875	7.92E-07	70YrCance	7.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
362	ALL		485375	3716875	7.51E-07	70YrCance	7.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
363	ALL		485425	3716875	7.02E-07	70YrCance	7.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
364	ALL		485475	3716875	6.41E-07	70YrCance	6.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
365	ALL		482925	3716925	8.18E-07	70YrCance	8.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
366	ALL		482975	3716925	8.69E-07	70YrCance	8.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
367	ALL		483025	3716925	9.21E-07	70YrCance	9.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
368	ALL		483075	3716925	1.02E-06	70YrCance	1.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
369	ALL		483125	3716925	1.15E-06	70YrCance	1.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
370	ALL		483175	3716925	1.28E-06	70YrCance	1.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
371	ALL		483225	3716925	1.56E-06	70YrCance	1.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
372	ALL		483275	3716925	2.07E-06	70YrCance	2.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
373	ALL		483325	3716925	3.66E-06	70YrCance	3.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
374	ALL		483375	3716925	1.14E-05	70YrCance	1.14E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
375	ALL		483425	3716925	2.89E-06	70YrCance	2.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
376	ALL		483475	3716925	1.98E-06	70YrCance	1.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
377	ALL		483525	3716925	1.61E-06	70YrCance	1.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
378	ALL		483575	3716925	1.41E-06	70YrCance	1.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
379	ALL		483625	3716925	1.74E-06	70YrCance	1.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
380	ALL		483675	3716925	2.11E-06	70YrCance	2.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
381	ALL		483725	3716925	1.46E-06	70YrCance	1.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
382	ALL		483775	3716925	1.50E-06	70YrCance	1.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
383	ALL		483825	3716925	1.50E-06	70YrCance	1.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
384	ALL		483875	3716925	1.46E-06	70YrCance	1.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
385	ALL		483925	3716925	1.49E-06	70YrCance	1.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
386	ALL		483975	3716925	1.52E-06	70YrCance	1.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
387	ALL		484025	3716925	1.55E-06	70YrCance	1.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
388	ALL		484075	3716925	1.54E-06	70YrCance	1.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
389	ALL		484125	3716925	1.49E-06	70YrCance	1.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
390	ALL		484175	3716925	1.44E-06	70YrCance	1.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
391	ALL		484225	3716925	1.41E-06	70YrCance	1.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
392	ALL		484275	3716925	1.39E-06	70YrCance	1.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
393	ALL		484325	3716925	1.36E-06	70YrCance	1.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
394	ALL		484375	3716925	1.36E-06	70YrCance	1.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
395	ALL		484425	3716925	1.29E-06	70YrCance	1.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
396	ALL		484475	3716925	1.28E-06	70YrCance	1.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
397	ALL		484525	3716925	1.41E-06	70YrCance	1.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
398	ALL		484575	3716925	1.46E-06	70YrCance	1.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
399	ALL		484625	3716925	1.35E-06	70YrCance	1.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
400	ALL		484675	3716925	1.39E-06	70YrCance	1.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
401	ALL		484725	3716925	1.34E-06	70YrCance	1.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
402	ALL		484775	3716925	1.21E-06	70YrCance	1.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
403	ALL		484825	3716925	1.12E-06	70YrCance	1.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
404	ALL		484875	3716925	1.12E-06	70YrCance	1.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
405	ALL		484925	3716925	1.21E-06	70YrCance	1.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:52:25 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmit70yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
406	ALL		484975	3716925	1.23E-06	70YrCance	1.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
407	ALL		485025	3716925	1.17E-06	70YrCance	1.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
408	ALL		485075	3716925	1.05E-06	70YrCance	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
409	ALL		485125	3716925	9.11E-07	70YrCance	9.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
410	ALL		485175	3716925	9.00E-07	70YrCance	9.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
411	ALL		485225	3716925	8.94E-07	70YrCance	8.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
412	ALL		485275	3716925	8.60E-07	70YrCance	8.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
413	ALL		485325	3716925	8.11E-07	70YrCance	8.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
414	ALL		485375	3716925	7.51E-07	70YrCance	7.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
415	ALL		485425	3716925	6.81E-07	70YrCance	6.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
416	ALL		485475	3716925	6.36E-07	70YrCance	6.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
417	ALL		482925	3716975	8.16E-07	70YrCance	8.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
418	ALL		482975	3716975	8.24E-07	70YrCance	8.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
419	ALL		483025	3716975	8.81E-07	70YrCance	8.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
420	ALL		483075	3716975	9.85E-07	70YrCance	9.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
421	ALL		483125	3716975	1.09E-06	70YrCance	1.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
422	ALL		483175	3716975	1.30E-06	70YrCance	1.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
423	ALL		483225	3716975	1.46E-06	70YrCance	1.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
424	ALL		483275	3716975	1.74E-06	70YrCance	1.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
425	ALL		483325	3716975	2.50E-06	70YrCance	2.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
426	ALL		483375	3716975	8.29E-06	70YrCance	8.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
427	ALL		483425	3716975	4.10E-06	70YrCance	4.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
428	ALL		483475	3716975	2.42E-06	70YrCance	2.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
429	ALL		483525	3716975	1.84E-06	70YrCance	1.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
430	ALL		483575	3716975	1.63E-06	70YrCance	1.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
431	ALL		483625	3716975	1.47E-06	70YrCance	1.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
432	ALL		483675	3716975	1.87E-06	70YrCance	1.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
433	ALL		483725	3716975	1.86E-06	70YrCance	1.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
434	ALL		483775	3716975	2.07E-06	70YrCance	2.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
435	ALL		483825	3716975	2.20E-06	70YrCance	2.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
436	ALL		483875	3716975	2.97E-06	70YrCance	2.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
437	ALL		483925	3716975	3.04E-06	70YrCance	3.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
438	ALL		483975	3716975	3.00E-06	70YrCance	3.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
439	ALL		484025	3716975	2.54E-06	70YrCance	2.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
440	ALL		484075	3716975	1.68E-06	70YrCance	1.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
441	ALL		484125	3716975	1.68E-06	70YrCance	1.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
442	ALL		484175	3716975	1.58E-06	70YrCance	1.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
443	ALL		484225	3716975	1.56E-06	70YrCance	1.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
444	ALL		484275	3716975	1.53E-06	70YrCance	1.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
445	ALL		484325	3716975	1.48E-06	70YrCance	1.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
446	ALL		484375	3716975	1.50E-06	70YrCance	1.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
447	ALL		484425	3716975	1.40E-06	70YrCance	1.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
448	ALL		484475	3716975	1.39E-06	70YrCance	1.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
449	ALL		484525	3716975	1.55E-06	70YrCance	1.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
450	ALL		484575	3716975	1.54E-06	70YrCance	1.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:52:25 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmit70yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
451	ALL		484625	3716975	1.37E-06	70YrCance	1.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
452	ALL		484675	3716975	1.38E-06	70YrCance	1.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
453	ALL		484725	3716975	1.97E-06	70YrCance	1.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
454	ALL		484775	3716975	1.38E-06	70YrCance	1.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
455	ALL		484825	3716975	1.22E-06	70YrCance	1.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
456	ALL		484875	3716975	1.32E-06	70YrCance	1.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
457	ALL		484925	3716975	1.36E-06	70YrCance	1.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
458	ALL		484975	3716975	1.32E-06	70YrCance	1.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
459	ALL		485025	3716975	1.19E-06	70YrCance	1.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
460	ALL		485075	3716975	1.02E-06	70YrCance	1.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
461	ALL		485125	3716975	9.89E-07	70YrCance	9.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
462	ALL		485175	3716975	9.83E-07	70YrCance	9.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
463	ALL		485225	3716975	9.47E-07	70YrCance	9.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
464	ALL		485275	3716975	8.83E-07	70YrCance	8.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
465	ALL		485325	3716975	8.08E-07	70YrCance	8.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
466	ALL		485375	3716975	7.31E-07	70YrCance	7.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
467	ALL		485425	3716975	6.72E-07	70YrCance	6.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
468	ALL		485475	3716975	6.42E-07	70YrCance	6.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
469	ALL		482925	3717025	8.48E-07	70YrCance	8.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
470	ALL		482975	3717025	8.75E-07	70YrCance	8.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
471	ALL		483025	3717025	9.18E-07	70YrCance	9.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
472	ALL		483075	3717025	9.67E-07	70YrCance	9.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
473	ALL		483125	3717025	1.09E-06	70YrCance	1.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
474	ALL		483175	3717025	1.25E-06	70YrCance	1.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
475	ALL		483225	3717025	1.33E-06	70YrCance	1.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
476	ALL		483275	3717025	1.49E-06	70YrCance	1.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
477	ALL		483325	3717025	2.08E-06	70YrCance	2.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
478	ALL		483375	3717025	3.82E-06	70YrCance	3.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
479	ALL		483425	3717025	1.12E-05	70YrCance	1.12E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
480	ALL		483475	3717025	2.98E-06	70YrCance	2.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
481	ALL		483525	3717025	2.20E-06	70YrCance	2.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
482	ALL		483575	3717025	1.88E-06	70YrCance	1.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
483	ALL		483625	3717025	1.75E-06	70YrCance	1.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
484	ALL		483675	3717025	1.80E-06	70YrCance	1.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
485	ALL		483725	3717025	2.81E-06	70YrCance	2.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
486	ALL		483775	3717025	3.14E-06	70YrCance	3.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
487	ALL		483825	3717025	2.74E-06	70YrCance	2.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
488	ALL		483875	3717025	3.03E-06	70YrCance	3.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
489	ALL		483925	3717025	3.40E-06	70YrCance	3.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
490	ALL		483975	3717025	3.42E-06	70YrCance	3.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
491	ALL		484025	3717025	3.56E-06	70YrCance	3.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
492	ALL		484075	3717025	2.70E-06	70YrCance	2.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
493	ALL		484125	3717025	1.86E-06	70YrCance	1.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
494	ALL		484175	3717025	1.82E-06	70YrCance	1.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
495	ALL		484225	3717025	1.75E-06	70YrCance	1.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:52:25 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmit70yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
496	ALL		484275	3717025	1.67E-06	70YrCance	1.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
497	ALL		484325	3717025	1.63E-06	70YrCance	1.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
498	ALL		484375	3717025	1.65E-06	70YrCance	1.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
499	ALL		484425	3717025	1.54E-06	70YrCance	1.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
500	ALL		484475	3717025	1.58E-06	70YrCance	1.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
501	ALL		484525	3717025	1.69E-06	70YrCance	1.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
502	ALL		484575	3717025	1.62E-06	70YrCance	1.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
503	ALL		484625	3717025	1.42E-06	70YrCance	1.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
504	ALL		484675	3717025	1.41E-06	70YrCance	1.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
505	ALL		484725	3717025	1.44E-06	70YrCance	1.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
506	ALL		484775	3717025	1.46E-06	70YrCance	1.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
507	ALL		484825	3717025	1.47E-06	70YrCance	1.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
508	ALL		484875	3717025	1.51E-06	70YrCance	1.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
509	ALL		484925	3717025	1.49E-06	70YrCance	1.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
510	ALL		484975	3717025	1.35E-06	70YrCance	1.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
511	ALL		485025	3717025	1.17E-06	70YrCance	1.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
512	ALL		485075	3717025	1.09E-06	70YrCance	1.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
513	ALL		485125	3717025	1.08E-06	70YrCance	1.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
514	ALL		485175	3717025	1.04E-06	70YrCance	1.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
515	ALL		485225	3717025	9.69E-07	70YrCance	9.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
516	ALL		485275	3717025	8.82E-07	70YrCance	8.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
517	ALL		485325	3717025	7.85E-07	70YrCance	7.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
518	ALL		485375	3717025	7.14E-07	70YrCance	7.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
519	ALL		485425	3717025	6.89E-07	70YrCance	6.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
520	ALL		485475	3717025	6.66E-07	70YrCance	6.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
521	ALL		482925	3717075	8.78E-07	70YrCance	8.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
522	ALL		482975	3717075	9.22E-07	70YrCance	9.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
523	ALL		483025	3717075	9.68E-07	70YrCance	9.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
524	ALL		483075	3717075	1.01E-06	70YrCance	1.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
525	ALL		483125	3717075	1.11E-06	70YrCance	1.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
526	ALL		483175	3717075	1.19E-06	70YrCance	1.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
527	ALL		483225	3717075	1.26E-06	70YrCance	1.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
528	ALL		483275	3717075	1.43E-06	70YrCance	1.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
529	ALL		483325	3717075	1.76E-06	70YrCance	1.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
530	ALL		483375	3717075	2.51E-06	70YrCance	2.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
531	ALL		483425	3717075	8.34E-06	70YrCance	8.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
532	ALL		483475	3717075	4.34E-06	70YrCance	4.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
533	ALL		483525	3717075	2.60E-06	70YrCance	2.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
534	ALL		483575	3717075	2.18E-06	70YrCance	2.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
535	ALL		483625	3717075	1.96E-06	70YrCance	1.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
536	ALL		483675	3717075	1.80E-06	70YrCance	1.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
537	ALL		483725	3717075	2.36E-06	70YrCance	2.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
538	ALL		483775	3717075	2.87E-06	70YrCance	2.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
539	ALL		483825	3717075	2.09E-06	70YrCance	2.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
540	ALL		483875	3717075	1.80E-06	70YrCance	1.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:52:25 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmit70yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
541	ALL		483925	3717075	3.03E-06	70YrCance	3.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
542	ALL		483975	3717075	3.64E-06	70YrCance	3.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
543	ALL		484025	3717075	3.82E-06	70YrCance	3.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
544	ALL		484075	3717075	3.90E-06	70YrCance	3.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
545	ALL		484125	3717075	3.41E-06	70YrCance	3.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
546	ALL		484175	3717075	2.05E-06	70YrCance	2.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
547	ALL		484225	3717075	1.94E-06	70YrCance	1.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
548	ALL		484275	3717075	1.85E-06	70YrCance	1.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
549	ALL		484325	3717075	1.83E-06	70YrCance	1.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
550	ALL		484375	3717075	1.83E-06	70YrCance	1.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
551	ALL		484425	3717075	1.70E-06	70YrCance	1.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
552	ALL		484475	3717075	1.80E-06	70YrCance	1.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
553	ALL		484525	3717075	1.83E-06	70YrCance	1.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
554	ALL		484575	3717075	1.67E-06	70YrCance	1.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
555	ALL		484625	3717075	1.49E-06	70YrCance	1.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
556	ALL		484675	3717075	1.45E-06	70YrCance	1.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
557	ALL		484725	3717075	1.44E-06	70YrCance	1.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
558	ALL		484775	3717075	1.54E-06	70YrCance	1.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
559	ALL		484825	3717075	1.77E-06	70YrCance	1.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
560	ALL		484875	3717075	1.71E-06	70YrCance	1.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
561	ALL		484925	3717075	1.55E-06	70YrCance	1.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
562	ALL		484975	3717075	1.33E-06	70YrCance	1.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
563	ALL		485025	3717075	1.22E-06	70YrCance	1.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
564	ALL		485075	3717075	1.20E-06	70YrCance	1.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
565	ALL		485125	3717075	1.14E-06	70YrCance	1.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
566	ALL		485175	3717075	1.06E-06	70YrCance	1.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
567	ALL		485225	3717075	9.60E-07	70YrCance	9.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
568	ALL		485275	3717075	8.54E-07	70YrCance	8.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
569	ALL		485325	3717075	7.66E-07	70YrCance	7.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
570	ALL		485375	3717075	7.29E-07	70YrCance	7.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
571	ALL		485425	3717075	7.10E-07	70YrCance	7.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
572	ALL		485475	3717075	6.81E-07	70YrCance	6.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
573	ALL		482925	3717125	8.93E-07	70YrCance	8.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
574	ALL		482975	3717125	9.49E-07	70YrCance	9.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
575	ALL		483025	3717125	9.84E-07	70YrCance	9.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
576	ALL		483075	3717125	1.02E-06	70YrCance	1.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
577	ALL		483125	3717125	1.09E-06	70YrCance	1.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
578	ALL		483175	3717125	1.15E-06	70YrCance	1.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
579	ALL		483225	3717125	1.16E-06	70YrCance	1.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
580	ALL		483275	3717125	1.29E-06	70YrCance	1.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
581	ALL		483325	3717125	1.60E-06	70YrCance	1.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
582	ALL		483375	3717125	2.07E-06	70YrCance	2.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
583	ALL		483425	3717125	3.62E-06	70YrCance	3.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
584	ALL		483475	3717125	1.15E-05	70YrCance	1.15E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
585	ALL		483525	3717125	3.31E-06	70YrCance	3.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

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REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
586	ALL		483575	3717125	2.43E-06	70YrCance	2.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
587	ALL		483625	3717125	2.20E-06	70YrCance	2.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
588	ALL		483675	3717125	2.06E-06	70YrCance	2.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
589	ALL		483725	3717125	1.89E-06	70YrCance	1.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
590	ALL		483775	3717125	1.84E-06	70YrCance	1.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
591	ALL		483825	3717125	2.02E-06	70YrCance	2.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
592	ALL		483875	3717125	2.07E-06	70YrCance	2.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
593	ALL		483925	3717125	2.04E-06	70YrCance	2.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
594	ALL		483975	3717125	2.79E-06	70YrCance	2.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
595	ALL		484025	3717125	3.21E-06	70YrCance	3.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
596	ALL		484075	3717125	4.06E-06	70YrCance	4.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
597	ALL		484125	3717125	4.02E-06	70YrCance	4.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
598	ALL		484175	3717125	2.26E-06	70YrCance	2.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
599	ALL		484225	3717125	2.19E-06	70YrCance	2.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
600	ALL		484275	3717125	2.09E-06	70YrCance	2.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
601	ALL		484325	3717125	2.07E-06	70YrCance	2.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
602	ALL		484375	3717125	2.03E-06	70YrCance	2.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
603	ALL		484425	3717125	1.86E-06	70YrCance	1.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
604	ALL		484475	3717125	2.04E-06	70YrCance	2.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
605	ALL		484525	3717125	1.99E-06	70YrCance	1.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
606	ALL		484575	3717125	1.72E-06	70YrCance	1.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
607	ALL		484625	3717125	1.58E-06	70YrCance	1.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
608	ALL		484675	3717125	1.53E-06	70YrCance	1.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
609	ALL		484725	3717125	1.60E-06	70YrCance	1.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
610	ALL		484775	3717125	1.81E-06	70YrCance	1.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
611	ALL		484825	3717125	1.90E-06	70YrCance	1.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
612	ALL		484875	3717125	1.92E-06	70YrCance	1.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
613	ALL		484925	3717125	1.55E-06	70YrCance	1.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
614	ALL		484975	3717125	1.37E-06	70YrCance	1.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
615	ALL		485025	3717125	1.34E-06	70YrCance	1.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
616	ALL		485075	3717125	1.27E-06	70YrCance	1.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
617	ALL		485125	3717125	1.17E-06	70YrCance	1.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
618	ALL		485175	3717125	1.05E-06	70YrCance	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
619	ALL		485225	3717125	9.25E-07	70YrCance	9.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
620	ALL		485275	3717125	8.36E-07	70YrCance	8.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
621	ALL		485325	3717125	7.93E-07	70YrCance	7.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
622	ALL		485375	3717125	7.51E-07	70YrCance	7.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
623	ALL		485425	3717125	7.22E-07	70YrCance	7.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
624	ALL		485475	3717125	6.95E-07	70YrCance	6.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
625	ALL		482925	3717175	9.16E-07	70YrCance	9.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
626	ALL		482975	3717175	9.66E-07	70YrCance	9.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
627	ALL		483025	3717175	1.02E-06	70YrCance	1.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
628	ALL		483075	3717175	1.07E-06	70YrCance	1.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
629	ALL		483125	3717175	1.11E-06	70YrCance	1.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
630	ALL		483175	3717175	1.15E-06	70YrCance	1.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:52:25 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmit70yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
631	ALL		483225	3717175	1.21E-06	70YrCance	1.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
632	ALL		483275	3717175	1.31E-06	70YrCance	1.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
633	ALL		483325	3717175	1.51E-06	70YrCance	1.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
634	ALL		483375	3717175	1.73E-06	70YrCance	1.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
635	ALL		483425	3717175	2.30E-06	70YrCance	2.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
636	ALL		483475	3717175	7.22E-06	70YrCance	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
637	ALL		483525	3717175	6.08E-06	70YrCance	6.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
638	ALL		483575	3717175	2.98E-06	70YrCance	2.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
639	ALL		483625	3717175	2.46E-06	70YrCance	2.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
640	ALL		483675	3717175	2.29E-06	70YrCance	2.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
641	ALL		483725	3717175	2.20E-06	70YrCance	2.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
642	ALL		483775	3717175	2.15E-06	70YrCance	2.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
643	ALL		483825	3717175	2.21E-06	70YrCance	2.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
644	ALL		483875	3717175	2.30E-06	70YrCance	2.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
645	ALL		483925	3717175	2.31E-06	70YrCance	2.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
646	ALL		483975	3717175	2.35E-06	70YrCance	2.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
647	ALL		484025	3717175	2.40E-06	70YrCance	2.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
648	ALL		484075	3717175	3.33E-06	70YrCance	3.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
649	ALL		484125	3717175	3.32E-06	70YrCance	3.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
650	ALL		484175	3717175	2.97E-06	70YrCance	2.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
651	ALL		484225	3717175	2.50E-06	70YrCance	2.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
652	ALL		484275	3717175	2.36E-06	70YrCance	2.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
653	ALL		484325	3717175	2.36E-06	70YrCance	2.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
654	ALL		484375	3717175	2.25E-06	70YrCance	2.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
655	ALL		484425	3717175	2.11E-06	70YrCance	2.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
656	ALL		484475	3717175	2.29E-06	70YrCance	2.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
657	ALL		484525	3717175	2.16E-06	70YrCance	2.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
658	ALL		484575	3717175	1.81E-06	70YrCance	1.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
659	ALL		484625	3717175	1.74E-06	70YrCance	1.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
660	ALL		484675	3717175	1.67E-06	70YrCance	1.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
661	ALL		484725	3717175	1.92E-06	70YrCance	1.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
662	ALL		484775	3717175	2.08E-06	70YrCance	2.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
663	ALL		484825	3717175	2.02E-06	70YrCance	2.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
664	ALL		484875	3717175	1.79E-06	70YrCance	1.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
665	ALL		484925	3717175	1.54E-06	70YrCance	1.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
666	ALL		484975	3717175	1.51E-06	70YrCance	1.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
667	ALL		485025	3717175	1.42E-06	70YrCance	1.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
668	ALL		485075	3717175	1.29E-06	70YrCance	1.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
669	ALL		485125	3717175	1.15E-06	70YrCance	1.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
670	ALL		485175	3717175	1.00E-06	70YrCance	1.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
671	ALL		485225	3717175	9.04E-07	70YrCance	9.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
672	ALL		485275	3717175	8.65E-07	70YrCance	8.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
673	ALL		485325	3717175	8.18E-07	70YrCance	8.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
674	ALL		485375	3717175	7.80E-07	70YrCance	7.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
675	ALL		485425	3717175	7.41E-07	70YrCance	7.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:52:25 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmit70yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
676	ALL		485475	3717175	7.08E-07	70YrCance	7.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
677	ALL		482925	3717225	9.22E-07	70YrCance	9.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
678	ALL		482975	3717225	9.84E-07	70YrCance	9.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
679	ALL		483025	3717225	1.05E-06	70YrCance	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
680	ALL		483075	3717225	1.11E-06	70YrCance	1.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
681	ALL		483125	3717225	1.15E-06	70YrCance	1.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
682	ALL		483175	3717225	1.21E-06	70YrCance	1.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
683	ALL		483225	3717225	1.28E-06	70YrCance	1.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
684	ALL		483275	3717225	1.40E-06	70YrCance	1.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
685	ALL		483325	3717225	1.54E-06	70YrCance	1.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
686	ALL		483375	3717225	1.71E-06	70YrCance	1.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
687	ALL		483425	3717225	2.11E-06	70YrCance	2.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
688	ALL		483475	3717225	3.37E-06	70YrCance	3.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
689	ALL		483525	3717225	9.34E-06	70YrCance	9.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
690	ALL		483575	3717225	4.15E-06	70YrCance	4.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
691	ALL		483625	3717225	2.89E-06	70YrCance	2.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
692	ALL		483675	3717225	2.55E-06	70YrCance	2.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
693	ALL		483725	3717225	2.44E-06	70YrCance	2.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
694	ALL		483775	3717225	2.40E-06	70YrCance	2.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
695	ALL		483825	3717225	2.39E-06	70YrCance	2.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
696	ALL		483875	3717225	2.50E-06	70YrCance	2.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
697	ALL		483925	3717225	2.60E-06	70YrCance	2.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
698	ALL		483975	3717225	2.55E-06	70YrCance	2.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
699	ALL		484025	3717225	2.67E-06	70YrCance	2.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
700	ALL		484075	3717225	2.75E-06	70YrCance	2.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
701	ALL		484125	3717225	2.80E-06	70YrCance	2.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
702	ALL		484175	3717225	2.82E-06	70YrCance	2.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
703	ALL		484225	3717225	2.66E-06	70YrCance	2.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
704	ALL		484275	3717225	2.61E-06	70YrCance	2.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
705	ALL		484325	3717225	2.67E-06	70YrCance	2.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
706	ALL		484375	3717225	2.52E-06	70YrCance	2.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
707	ALL		484425	3717225	2.45E-06	70YrCance	2.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
708	ALL		484475	3717225	2.60E-06	70YrCance	2.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
709	ALL		484525	3717225	2.32E-06	70YrCance	2.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
710	ALL		484575	3717225	2.01E-06	70YrCance	2.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
711	ALL		484625	3717225	1.92E-06	70YrCance	1.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
712	ALL		484675	3717225	2.10E-06	70YrCance	2.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
713	ALL		484725	3717225	2.29E-06	70YrCance	2.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
714	ALL		484775	3717225	2.28E-06	70YrCance	2.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
715	ALL		484825	3717225	2.04E-06	70YrCance	2.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
716	ALL		484875	3717225	1.73E-06	70YrCance	1.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
717	ALL		484925	3717225	1.71E-06	70YrCance	1.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
718	ALL		484975	3717225	1.59E-06	70YrCance	1.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
719	ALL		485025	3717225	1.45E-06	70YrCance	1.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
720	ALL		485075	3717225	1.27E-06	70YrCance	1.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:52:25 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmit70yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
721	ALL		485125	3717225	1.10E-06	70YrCance	1.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
722	ALL		485175	3717225	9.83E-07	70YrCance	9.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
723	ALL		485225	3717225	9.32E-07	70YrCance	9.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
724	ALL		485275	3717225	8.90E-07	70YrCance	8.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
725	ALL		485325	3717225	8.44E-07	70YrCance	8.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
726	ALL		485375	3717225	8.10E-07	70YrCance	8.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
727	ALL		485425	3717225	7.79E-07	70YrCance	7.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
728	ALL		485475	3717225	7.56E-07	70YrCance	7.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
729	ALL		482925	3717275	9.10E-07	70YrCance	9.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
730	ALL		482975	3717275	9.80E-07	70YrCance	9.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
731	ALL		483025	3717275	1.05E-06	70YrCance	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
732	ALL		483075	3717275	1.13E-06	70YrCance	1.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
733	ALL		483125	3717275	1.21E-06	70YrCance	1.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
734	ALL		483175	3717275	1.28E-06	70YrCance	1.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
735	ALL		483225	3717275	1.36E-06	70YrCance	1.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
736	ALL		483275	3717275	1.46E-06	70YrCance	1.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
737	ALL		483325	3717275	1.58E-06	70YrCance	1.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
738	ALL		483375	3717275	1.77E-06	70YrCance	1.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
739	ALL		483425	3717275	2.10E-06	70YrCance	2.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
740	ALL		483475	3717275	2.70E-06	70YrCance	2.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
741	ALL		483525	3717275	4.80E-06	70YrCance	4.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
742	ALL		483575	3717275	1.13E-05	70YrCance	1.13E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
743	ALL		483625	3717275	3.62E-06	70YrCance	3.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
744	ALL		483675	3717275	2.89E-06	70YrCance	2.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
745	ALL		483725	3717275	2.67E-06	70YrCance	2.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
746	ALL		483775	3717275	2.64E-06	70YrCance	2.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
747	ALL		483825	3717275	2.61E-06	70YrCance	2.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
748	ALL		483875	3717275	2.65E-06	70YrCance	2.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
749	ALL		483925	3717275	2.92E-06	70YrCance	2.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
750	ALL		483975	3717275	2.92E-06	70YrCance	2.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
751	ALL		484025	3717275	2.95E-06	70YrCance	2.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
752	ALL		484075	3717275	3.06E-06	70YrCance	3.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
753	ALL		484125	3717275	3.12E-06	70YrCance	3.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
754	ALL		484175	3717275	3.12E-06	70YrCance	3.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
755	ALL		484225	3717275	3.09E-06	70YrCance	3.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
756	ALL		484275	3717275	2.99E-06	70YrCance	2.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
757	ALL		484325	3717275	3.09E-06	70YrCance	3.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
758	ALL		484375	3717275	2.87E-06	70YrCance	2.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
759	ALL		484425	3717275	2.91E-06	70YrCance	2.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
760	ALL		484475	3717275	2.95E-06	70YrCance	2.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
761	ALL		484525	3717275	2.48E-06	70YrCance	2.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
762	ALL		484575	3717275	2.27E-06	70YrCance	2.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
763	ALL		484625	3717275	2.32E-06	70YrCance	2.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
764	ALL		484675	3717275	2.61E-06	70YrCance	2.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
765	ALL		484725	3717275	2.64E-06	70YrCance	2.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:52:25 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmit70yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
766	ALL		484775	3717275	2.39E-06	70YrCance	2.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
767	ALL		484825	3717275	1.95E-06	70YrCance	1.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
768	ALL		484875	3717275	1.92E-06	70YrCance	1.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
769	ALL		484925	3717275	1.80E-06	70YrCance	1.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
770	ALL		484975	3717275	1.62E-06	70YrCance	1.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
771	ALL		485025	3717275	1.43E-06	70YrCance	1.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
772	ALL		485075	3717275	1.22E-06	70YrCance	1.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
773	ALL		485125	3717275	1.09E-06	70YrCance	1.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
774	ALL		485175	3717275	1.02E-06	70YrCance	1.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
775	ALL		485225	3717275	9.66E-07	70YrCance	9.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
776	ALL		485275	3717275	9.13E-07	70YrCance	9.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
777	ALL		485325	3717275	8.89E-07	70YrCance	8.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
778	ALL		485375	3717275	8.67E-07	70YrCance	8.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
779	ALL		485425	3717275	8.29E-07	70YrCance	8.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
780	ALL		485475	3717275	7.70E-07	70YrCance	7.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
781	ALL		482925	3717325	8.87E-07	70YrCance	8.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
782	ALL		482975	3717325	9.56E-07	70YrCance	9.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
783	ALL		483025	3717325	1.04E-06	70YrCance	1.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
784	ALL		483075	3717325	1.13E-06	70YrCance	1.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
785	ALL		483125	3717325	1.22E-06	70YrCance	1.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
786	ALL		483175	3717325	1.32E-06	70YrCance	1.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
787	ALL		483225	3717325	1.42E-06	70YrCance	1.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
788	ALL		483275	3717325	1.53E-06	70YrCance	1.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
789	ALL		483325	3717325	1.64E-06	70YrCance	1.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
790	ALL		483375	3717325	1.78E-06	70YrCance	1.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
791	ALL		483425	3717325	2.04E-06	70YrCance	2.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
792	ALL		483475	3717325	2.44E-06	70YrCance	2.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
793	ALL		483525	3717325	3.29E-06	70YrCance	3.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
794	ALL		483575	3717325	8.97E-06	70YrCance	8.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
795	ALL		483625	3717325	5.78E-06	70YrCance	5.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
796	ALL		483675	3717325	3.49E-06	70YrCance	3.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
797	ALL		483725	3717325	3.11E-06	70YrCance	3.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
798	ALL		483775	3717325	3.01E-06	70YrCance	3.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
799	ALL		483825	3717325	3.00E-06	70YrCance	3.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
800	ALL		483875	3717325	3.03E-06	70YrCance	3.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
801	ALL		483925	3717325	3.22E-06	70YrCance	3.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
802	ALL		483975	3717325	3.44E-06	70YrCance	3.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
803	ALL		484025	3717325	3.34E-06	70YrCance	3.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
804	ALL		484075	3717325	3.45E-06	70YrCance	3.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
805	ALL		484125	3717325	3.50E-06	70YrCance	3.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
806	ALL		484175	3717325	3.54E-06	70YrCance	3.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
807	ALL		484225	3717325	3.53E-06	70YrCance	3.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
808	ALL		484275	3717325	3.42E-06	70YrCance	3.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
809	ALL		484325	3717325	3.59E-06	70YrCance	3.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
810	ALL		484375	3717325	3.27E-06	70YrCance	3.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:52:25 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmit70yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
811	ALL		484425	3717325	3.47E-06	70YrCance	3.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
812	ALL		484475	3717325	3.28E-06	70YrCance	3.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
813	ALL		484525	3717325	2.73E-06	70YrCance	2.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
814	ALL		484575	3717325	2.57E-06	70YrCance	2.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
815	ALL		484625	3717325	2.98E-06	70YrCance	2.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
816	ALL		484675	3717325	3.11E-06	70YrCance	3.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
817	ALL		484725	3717325	2.86E-06	70YrCance	2.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
818	ALL		484775	3717325	2.34E-06	70YrCance	2.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
819	ALL		484825	3717325	2.20E-06	70YrCance	2.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
820	ALL		484875	3717325	2.05E-06	70YrCance	2.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
821	ALL		484925	3717325	1.83E-06	70YrCance	1.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
822	ALL		484975	3717325	1.60E-06	70YrCance	1.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
823	ALL		485025	3717325	1.37E-06	70YrCance	1.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
824	ALL		485075	3717325	1.25E-06	70YrCance	1.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
825	ALL		485125	3717325	1.14E-06	70YrCance	1.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
826	ALL		485175	3717325	1.06E-06	70YrCance	1.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
827	ALL		485225	3717325	1.02E-06	70YrCance	1.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
828	ALL		485275	3717325	9.92E-07	70YrCance	9.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
829	ALL		485325	3717325	9.45E-07	70YrCance	9.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
830	ALL		485375	3717325	8.91E-07	70YrCance	8.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
831	ALL		485425	3717325	8.25E-07	70YrCance	8.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
832	ALL		485475	3717325	7.48E-07	70YrCance	7.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
833	ALL		482925	3717375	9.14E-07	70YrCance	9.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
834	ALL		482975	3717375	9.57E-07	70YrCance	9.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
835	ALL		483025	3717375	1.01E-06	70YrCance	1.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
836	ALL		483075	3717375	1.10E-06	70YrCance	1.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
837	ALL		483125	3717375	1.20E-06	70YrCance	1.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
838	ALL		483175	3717375	1.31E-06	70YrCance	1.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
839	ALL		483225	3717375	1.43E-06	70YrCance	1.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
840	ALL		483275	3717375	1.56E-06	70YrCance	1.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
841	ALL		483325	3717375	1.69E-06	70YrCance	1.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
842	ALL		483375	3717375	1.85E-06	70YrCance	1.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
843	ALL		483425	3717375	2.05E-06	70YrCance	2.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
844	ALL		483475	3717375	2.33E-06	70YrCance	2.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
845	ALL		483525	3717375	2.81E-06	70YrCance	2.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
846	ALL		483575	3717375	4.09E-06	70YrCance	4.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
847	ALL		483625	3717375	1.08E-05	70YrCance	1.08E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
848	ALL		483675	3717375	4.79E-06	70YrCance	4.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
849	ALL		483725	3717375	3.73E-06	70YrCance	3.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
850	ALL		483775	3717375	3.52E-06	70YrCance	3.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
851	ALL		483825	3717375	3.51E-06	70YrCance	3.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
852	ALL		483875	3717375	3.55E-06	70YrCance	3.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
853	ALL		483925	3717375	3.59E-06	70YrCance	3.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
854	ALL		483975	3717375	3.96E-06	70YrCance	3.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
855	ALL		484025	3717375	4.02E-06	70YrCance	4.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:52:25 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmit70yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
856	ALL		484075	3717375	3.95E-06	70YrCance	3.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
857	ALL		484125	3717375	4.05E-06	70YrCance	4.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
858	ALL		484175	3717375	4.12E-06	70YrCance	4.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
859	ALL		484225	3717375	4.12E-06	70YrCance	4.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
860	ALL		484275	3717375	4.06E-06	70YrCance	4.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
861	ALL		484325	3717375	4.23E-06	70YrCance	4.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
862	ALL		484375	3717375	3.80E-06	70YrCance	3.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
863	ALL		484425	3717375	4.08E-06	70YrCance	4.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
864	ALL		484475	3717375	3.57E-06	70YrCance	3.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
865	ALL		484525	3717375	3.09E-06	70YrCance	3.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
866	ALL		484575	3717375	3.38E-06	70YrCance	3.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
867	ALL		484625	3717375	3.69E-06	70YrCance	3.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
868	ALL		484675	3717375	3.47E-06	70YrCance	3.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
869	ALL		484725	3717375	2.87E-06	70YrCance	2.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
870	ALL		484775	3717375	2.61E-06	70YrCance	2.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
871	ALL		484825	3717375	2.38E-06	70YrCance	2.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
872	ALL		484875	3717375	2.08E-06	70YrCance	2.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
873	ALL		484925	3717375	1.77E-06	70YrCance	1.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
874	ALL		484975	3717375	1.49E-06	70YrCance	1.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
875	ALL		485025	3717375	1.43E-06	70YrCance	1.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
876	ALL		485075	3717375	1.31E-06	70YrCance	1.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
877	ALL		485125	3717375	1.21E-06	70YrCance	1.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
878	ALL		485175	3717375	1.16E-06	70YrCance	1.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
879	ALL		485225	3717375	1.10E-06	70YrCance	1.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
880	ALL		485275	3717375	1.03E-06	70YrCance	1.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
881	ALL		485325	3717375	9.39E-07	70YrCance	9.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
882	ALL		485375	3717375	8.67E-07	70YrCance	8.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
883	ALL		485425	3717375	8.37E-07	70YrCance	8.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
884	ALL		485475	3717375	7.65E-07	70YrCance	7.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
885	ALL		482925	3717425	9.22E-07	70YrCance	9.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
886	ALL		482975	3717425	9.74E-07	70YrCance	9.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
887	ALL		483025	3717425	1.03E-06	70YrCance	1.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
888	ALL		483075	3717425	1.09E-06	70YrCance	1.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
889	ALL		483125	3717425	1.16E-06	70YrCance	1.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
890	ALL		483175	3717425	1.26E-06	70YrCance	1.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
891	ALL		483225	3717425	1.39E-06	70YrCance	1.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
892	ALL		483275	3717425	1.54E-06	70YrCance	1.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
893	ALL		483325	3717425	1.70E-06	70YrCance	1.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
894	ALL		483375	3717425	1.88E-06	70YrCance	1.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
895	ALL		483425	3717425	2.09E-06	70YrCance	2.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
896	ALL		483475	3717425	2.35E-06	70YrCance	2.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
897	ALL		483525	3717425	2.71E-06	70YrCance	2.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
898	ALL		483575	3717425	3.35E-06	70YrCance	3.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
899	ALL		483625	3717425	5.66E-06	70YrCance	5.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
900	ALL		483675	3717425	1.15E-05	70YrCance	1.15E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:52:25 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmit70yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
901	ALL		483725	3717425	5.31E-06	70YrCance	5.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
902	ALL		483775	3717425	4.55E-06	70YrCance	4.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
903	ALL		483825	3717425	4.17E-06	70YrCance	4.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
904	ALL		483875	3717425	4.13E-06	70YrCance	4.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
905	ALL		483925	3717425	4.15E-06	70YrCance	4.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
906	ALL		483975	3717425	4.42E-06	70YrCance	4.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
907	ALL		484025	3717425	4.87E-06	70YrCance	4.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
908	ALL		484075	3717425	4.67E-06	70YrCance	4.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
909	ALL		484125	3717425	4.86E-06	70YrCance	4.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
910	ALL		484175	3717425	4.95E-06	70YrCance	4.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
911	ALL		484225	3717425	4.95E-06	70YrCance	4.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
912	ALL		484275	3717425	4.96E-06	70YrCance	4.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
913	ALL		484325	3717425	5.14E-06	70YrCance	5.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
914	ALL		484375	3717425	4.73E-06	70YrCance	4.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
915	ALL		484425	3717425	4.76E-06	70YrCance	4.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
916	ALL		484475	3717425	3.84E-06	70YrCance	3.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
917	ALL		484525	3717425	3.79E-06	70YrCance	3.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
918	ALL		484575	3717425	4.35E-06	70YrCance	4.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
919	ALL		484625	3717425	4.29E-06	70YrCance	4.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
920	ALL		484675	3717425	3.57E-06	70YrCance	3.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
921	ALL		484725	3717425	3.12E-06	70YrCance	3.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
922	ALL		484775	3717425	2.83E-06	70YrCance	2.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
923	ALL		484825	3717425	2.42E-06	70YrCance	2.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
924	ALL		484875	3717425	1.99E-06	70YrCance	1.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
925	ALL		484925	3717425	1.64E-06	70YrCance	1.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
926	ALL		484975	3717425	1.56E-06	70YrCance	1.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
927	ALL		485025	3717425	1.49E-06	70YrCance	1.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
928	ALL		485075	3717425	1.41E-06	70YrCance	1.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
929	ALL		485125	3717425	1.33E-06	70YrCance	1.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
930	ALL		485175	3717425	1.22E-06	70YrCance	1.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
931	ALL		485225	3717425	1.10E-06	70YrCance	1.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
932	ALL		485275	3717425	9.87E-07	70YrCance	9.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
933	ALL		485325	3717425	9.11E-07	70YrCance	9.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
934	ALL		485375	3717425	8.70E-07	70YrCance	8.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
935	ALL		485425	3717425	8.44E-07	70YrCance	8.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
936	ALL		485475	3717425	7.93E-07	70YrCance	7.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
937	ALL		482925	3717475	9.20E-07	70YrCance	9.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
938	ALL		482975	3717475	9.74E-07	70YrCance	9.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
939	ALL		483025	3717475	1.03E-06	70YrCance	1.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
940	ALL		483075	3717475	1.10E-06	70YrCance	1.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
941	ALL		483125	3717475	1.17E-06	70YrCance	1.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
942	ALL		483175	3717475	1.25E-06	70YrCance	1.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
943	ALL		483225	3717475	1.34E-06	70YrCance	1.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
944	ALL		483275	3717475	1.48E-06	70YrCance	1.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
945	ALL		483325	3717475	1.65E-06	70YrCance	1.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:52:25 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmit70yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
946	ALL		483375	3717475	1.85E-06	70YrCance	1.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
947	ALL		483425	3717475	2.09E-06	70YrCance	2.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
948	ALL		483475	3717475	2.36E-06	70YrCance	2.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
949	ALL		483525	3717475	2.71E-06	70YrCance	2.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
950	ALL		483575	3717475	3.20E-06	70YrCance	3.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
951	ALL		483625	3717475	4.17E-06	70YrCance	4.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
952	ALL		483675	3717475	1.06E-05	70YrCance	1.06E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
953	ALL		483725	3717475	9.04E-06	70YrCance	9.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
954	ALL		483775	3717475	1.10E-05	70YrCance	1.10E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
955	ALL		483825	3717475	6.29E-06	70YrCance	6.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
956	ALL		483875	3717475	5.36E-06	70YrCance	5.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
957	ALL		483925	3717475	5.06E-06	70YrCance	5.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
958	ALL		483975	3717475	5.10E-06	70YrCance	5.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
959	ALL		484025	3717475	5.85E-06	70YrCance	5.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
960	ALL		484075	3717475	6.17E-06	70YrCance	6.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
961	ALL		484125	3717475	6.07E-06	70YrCance	6.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
962	ALL		484175	3717475	6.26E-06	70YrCance	6.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
963	ALL		484225	3717475	6.25E-06	70YrCance	6.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
964	ALL		484275	3717475	6.34E-06	70YrCance	6.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
965	ALL		484325	3717475	6.39E-06	70YrCance	6.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
966	ALL		484375	3717475	5.94E-06	70YrCance	5.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
967	ALL		484425	3717475	5.49E-06	70YrCance	5.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
968	ALL		484475	3717475	4.49E-06	70YrCance	4.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
969	ALL		484525	3717475	5.10E-06	70YrCance	5.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
970	ALL		484575	3717475	5.27E-06	70YrCance	5.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
971	ALL		484625	3717475	4.53E-06	70YrCance	4.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
972	ALL		484675	3717475	3.82E-06	70YrCance	3.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
973	ALL		484725	3717475	3.41E-06	70YrCance	3.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
974	ALL		484775	3717475	2.86E-06	70YrCance	2.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
975	ALL		484825	3717475	2.30E-06	70YrCance	2.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
976	ALL		484875	3717475	1.85E-06	70YrCance	1.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
977	ALL		484925	3717475	1.75E-06	70YrCance	1.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
978	ALL		484975	3717475	1.71E-06	70YrCance	1.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
979	ALL		485025	3717475	1.63E-06	70YrCance	1.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
980	ALL		485075	3717475	1.49E-06	70YrCance	1.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
981	ALL		485125	3717475	1.34E-06	70YrCance	1.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
982	ALL		485175	3717475	1.17E-06	70YrCance	1.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
983	ALL		485225	3717475	1.08E-06	70YrCance	1.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
984	ALL		485275	3717475	1.01E-06	70YrCance	1.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
985	ALL		485325	3717475	9.40E-07	70YrCance	9.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
986	ALL		485375	3717475	8.73E-07	70YrCance	8.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
987	ALL		485425	3717475	8.51E-07	70YrCance	8.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
988	ALL		485475	3717475	7.98E-07	70YrCance	7.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
989	ALL		482925	3717525	9.08E-07	70YrCance	9.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
990	ALL		482975	3717525	9.58E-07	70YrCance	9.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

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REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
991	ALL		483025	3717525	1.02E-06	70YrCance	1.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
992	ALL		483075	3717525	1.09E-06	70YrCance	1.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
993	ALL		483125	3717525	1.17E-06	70YrCance	1.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
994	ALL		483175	3717525	1.26E-06	70YrCance	1.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
995	ALL		483225	3717525	1.35E-06	70YrCance	1.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
996	ALL		483275	3717525	1.46E-06	70YrCance	1.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
997	ALL		483325	3717525	1.58E-06	70YrCance	1.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
998	ALL		483375	3717525	1.77E-06	70YrCance	1.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
999	ALL		483425	3717525	2.01E-06	70YrCance	2.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1000	ALL		483475	3717525	2.30E-06	70YrCance	2.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1001	ALL		483525	3717525	2.66E-06	70YrCance	2.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1002	ALL		483575	3717525	3.12E-06	70YrCance	3.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1003	ALL		483625	3717525	3.82E-06	70YrCance	3.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1004	ALL		483675	3717525	5.37E-06	70YrCance	5.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1005	ALL		483725	3717525	1.22E-05	70YrCance	1.22E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1006	ALL		483925	3717525	6.72E-06	70YrCance	6.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1007	ALL		483975	3717525	6.59E-06	70YrCance	6.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1008	ALL		484025	3717525	7.29E-06	70YrCance	7.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1009	ALL		484075	3717525	8.65E-06	70YrCance	8.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1010	ALL		484125	3717525	8.59E-06	70YrCance	8.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1011	ALL		484175	3717525	8.74E-06	70YrCance	8.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1012	ALL		484225	3717525	8.83E-06	70YrCance	8.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1013	ALL		484275	3717525	8.89E-06	70YrCance	8.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1014	ALL		484325	3717525	8.31E-06	70YrCance	8.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1015	ALL		484375	3717525	7.50E-06	70YrCance	7.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1016	ALL		484425	3717525	6.18E-06	70YrCance	6.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1017	ALL		484475	3717525	6.05E-06	70YrCance	6.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1018	ALL		484525	3717525	6.57E-06	70YrCance	6.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1019	ALL		484575	3717525	5.77E-06	70YrCance	5.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1020	ALL		484625	3717525	4.70E-06	70YrCance	4.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1021	ALL		484675	3717525	4.18E-06	70YrCance	4.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1022	ALL		484725	3717525	3.44E-06	70YrCance	3.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1023	ALL		484775	3717525	2.70E-06	70YrCance	2.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1024	ALL		484825	3717525	2.22E-06	70YrCance	2.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1025	ALL		484875	3717525	2.14E-06	70YrCance	2.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1026	ALL		484925	3717525	2.00E-06	70YrCance	2.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1027	ALL		484975	3717525	1.83E-06	70YrCance	1.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1028	ALL		485025	3717525	1.64E-06	70YrCance	1.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1029	ALL		485075	3717525	1.43E-06	70YrCance	1.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1030	ALL		485125	3717525	1.31E-06	70YrCance	1.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1031	ALL		485175	3717525	1.21E-06	70YrCance	1.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1032	ALL		485225	3717525	1.11E-06	70YrCance	1.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1033	ALL		485275	3717525	1.01E-06	70YrCance	1.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1034	ALL		485325	3717525	9.35E-07	70YrCance	9.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1035	ALL		485375	3717525	8.78E-07	70YrCance	8.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:52:25 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmit70yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
1036	ALL		485425	3717525	8.72E-07	70YrCance	8.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1037	ALL		485475	3717525	8.18E-07	70YrCance	8.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1038	ALL		482925	3717575	9.13E-07	70YrCance	9.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1039	ALL		482975	3717575	9.67E-07	70YrCance	9.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1040	ALL		483025	3717575	1.03E-06	70YrCance	1.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1041	ALL		483075	3717575	1.09E-06	70YrCance	1.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1042	ALL		483125	3717575	1.15E-06	70YrCance	1.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1043	ALL		483175	3717575	1.24E-06	70YrCance	1.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1044	ALL		483225	3717575	1.34E-06	70YrCance	1.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1045	ALL		483275	3717575	1.45E-06	70YrCance	1.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1046	ALL		483325	3717575	1.58E-06	70YrCance	1.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1047	ALL		483375	3717575	1.73E-06	70YrCance	1.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1048	ALL		483425	3717575	1.92E-06	70YrCance	1.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1049	ALL		483475	3717575	2.17E-06	70YrCance	2.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1050	ALL		483525	3717575	2.53E-06	70YrCance	2.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1051	ALL		483575	3717575	3.00E-06	70YrCance	3.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1052	ALL		483625	3717575	3.62E-06	70YrCance	3.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1053	ALL		483675	3717575	4.57E-06	70YrCance	4.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1054	ALL		483725	3717575	7.32E-06	70YrCance	7.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1055	ALL		483775	3717575	1.24E-05	70YrCance	1.24E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1056	ALL		483925	3717575	1.04E-05	70YrCance	1.04E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1057	ALL		483975	3717575	1.02E-05	70YrCance	1.02E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1058	ALL		484025	3717575	1.41E-05	70YrCance	1.41E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1059	ALL		484075	3717575	2.03E-05	70YrCance	2.03E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1060	ALL		484125	3717575	2.18E-05	70YrCance	2.18E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1061	ALL		484175	3717575	2.18E-05	70YrCance	2.18E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1062	ALL		484225	3717575	2.19E-05	70YrCance	2.19E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1063	ALL		484275	3717575	2.25E-05	70YrCance	2.25E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1064	ALL		484325	3717575	1.20E-05	70YrCance	1.20E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1065	ALL		484375	3717575	9.48E-06	70YrCance	9.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1066	ALL		484425	3717575	7.31E-06	70YrCance	7.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1067	ALL		484475	3717575	8.32E-06	70YrCance	8.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1068	ALL		484525	3717575	7.60E-06	70YrCance	7.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1069	ALL		484575	3717575	5.91E-06	70YrCance	5.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1070	ALL		484625	3717575	5.15E-06	70YrCance	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1071	ALL		484675	3717575	4.13E-06	70YrCance	4.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1072	ALL		484725	3717575	3.17E-06	70YrCance	3.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1073	ALL		484775	3717575	2.88E-06	70YrCance	2.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1074	ALL		484825	3717575	2.65E-06	70YrCance	2.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1075	ALL		484875	3717575	2.36E-06	70YrCance	2.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1076	ALL		484925	3717575	2.05E-06	70YrCance	2.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1077	ALL		484975	3717575	1.75E-06	70YrCance	1.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1078	ALL		485025	3717575	1.62E-06	70YrCance	1.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1079	ALL		485075	3717575	1.49E-06	70YrCance	1.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1080	ALL		485125	3717575	1.33E-06	70YrCance	1.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:52:25 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmit70yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
1081	ALL		485175	3717575	1.21E-06	70YrCance	1.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1082	ALL		485225	3717575	1.12E-06	70YrCance	1.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1083	ALL		485275	3717575	1.04E-06	70YrCance	1.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1084	ALL		485325	3717575	9.62E-07	70YrCance	9.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1085	ALL		485375	3717575	8.95E-07	70YrCance	8.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1086	ALL		485425	3717575	8.65E-07	70YrCance	8.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1087	ALL		485475	3717575	8.23E-07	70YrCance	8.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1088	ALL		482925	3717625	8.96E-07	70YrCance	8.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1089	ALL		482975	3717625	9.57E-07	70YrCance	9.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1090	ALL		483025	3717625	1.02E-06	70YrCance	1.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1091	ALL		483075	3717625	1.10E-06	70YrCance	1.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1092	ALL		483125	3717625	1.17E-06	70YrCance	1.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1093	ALL		483175	3717625	1.26E-06	70YrCance	1.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1094	ALL		483225	3717625	1.36E-06	70YrCance	1.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1095	ALL		483275	3717625	1.46E-06	70YrCance	1.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1096	ALL		483325	3717625	1.58E-06	70YrCance	1.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1097	ALL		483375	3717625	1.71E-06	70YrCance	1.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1098	ALL		483425	3717625	1.89E-06	70YrCance	1.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1099	ALL		483475	3717625	2.12E-06	70YrCance	2.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1100	ALL		483525	3717625	2.38E-06	70YrCance	2.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1101	ALL		483575	3717625	2.78E-06	70YrCance	2.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1102	ALL		483625	3717625	3.36E-06	70YrCance	3.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1103	ALL		483675	3717625	4.16E-06	70YrCance	4.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1104	ALL		483725	3717625	5.50E-06	70YrCance	5.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1105	ALL		483775	3717625	1.18E-05	70YrCance	1.18E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1106	ALL		484525	3717625	7.76E-06	70YrCance	7.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1107	ALL		484575	3717625	6.54E-06	70YrCance	6.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1108	ALL		484625	3717625	5.03E-06	70YrCance	5.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1109	ALL		484675	3717625	3.93E-06	70YrCance	3.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1110	ALL		484725	3717625	3.67E-06	70YrCance	3.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1111	ALL		484775	3717625	3.23E-06	70YrCance	3.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1112	ALL		484825	3717625	2.74E-06	70YrCance	2.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1113	ALL		484875	3717625	2.28E-06	70YrCance	2.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1114	ALL		484925	3717625	2.04E-06	70YrCance	2.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1115	ALL		484975	3717625	1.81E-06	70YrCance	1.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1116	ALL		485025	3717625	1.62E-06	70YrCance	1.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1117	ALL		485075	3717625	1.48E-06	70YrCance	1.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1118	ALL		485125	3717625	1.36E-06	70YrCance	1.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1119	ALL		485175	3717625	1.24E-06	70YrCance	1.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1120	ALL		485225	3717625	1.14E-06	70YrCance	1.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1121	ALL		485275	3717625	1.05E-06	70YrCance	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1122	ALL		485325	3717625	9.67E-07	70YrCance	9.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1123	ALL		485375	3717625	8.90E-07	70YrCance	8.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1124	ALL		485425	3717625	8.48E-07	70YrCance	8.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1125	ALL		485475	3717625	8.10E-07	70YrCance	8.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:52:25 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmit70yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
1126	ALL		482925	3717675	8.64E-07	70YrCance	8.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1127	ALL		482975	3717675	9.17E-07	70YrCance	9.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1128	ALL		483025	3717675	9.79E-07	70YrCance	9.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1129	ALL		483075	3717675	1.06E-06	70YrCance	1.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1130	ALL		483125	3717675	1.14E-06	70YrCance	1.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1131	ALL		483175	3717675	1.24E-06	70YrCance	1.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1132	ALL		483225	3717675	1.35E-06	70YrCance	1.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1133	ALL		483275	3717675	1.47E-06	70YrCance	1.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1134	ALL		483325	3717675	1.61E-06	70YrCance	1.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1135	ALL		483375	3717675	1.76E-06	70YrCance	1.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1136	ALL		483425	3717675	1.94E-06	70YrCance	1.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1137	ALL		483475	3717675	2.14E-06	70YrCance	2.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1138	ALL		483525	3717675	2.39E-06	70YrCance	2.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1139	ALL		483575	3717675	2.68E-06	70YrCance	2.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1140	ALL		483625	3717675	3.07E-06	70YrCance	3.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1141	ALL		483675	3717675	3.71E-06	70YrCance	3.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1142	ALL		483725	3717675	4.74E-06	70YrCance	4.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1143	ALL		483775	3717675	6.74E-06	70YrCance	6.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1144	ALL		483825	3717675	1.50E-05	70YrCance	1.50E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1145	ALL		484525	3717675	8.67E-06	70YrCance	8.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1146	ALL		484575	3717675	6.29E-06	70YrCance	6.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1147	ALL		484625	3717675	5.31E-06	70YrCance	5.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1148	ALL		484675	3717675	4.64E-06	70YrCance	4.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1149	ALL		484725	3717675	3.85E-06	70YrCance	3.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1150	ALL		484775	3717675	3.20E-06	70YrCance	3.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1151	ALL		484825	3717675	2.79E-06	70YrCance	2.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1152	ALL		484875	3717675	2.35E-06	70YrCance	2.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1153	ALL		484925	3717675	2.04E-06	70YrCance	2.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1154	ALL		484975	3717675	1.78E-06	70YrCance	1.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1155	ALL		485025	3717675	1.61E-06	70YrCance	1.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1156	ALL		485075	3717675	1.48E-06	70YrCance	1.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1157	ALL		485125	3717675	1.36E-06	70YrCance	1.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1158	ALL		485175	3717675	1.25E-06	70YrCance	1.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1159	ALL		485225	3717675	1.15E-06	70YrCance	1.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1160	ALL		485275	3717675	1.05E-06	70YrCance	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1161	ALL		485325	3717675	9.81E-07	70YrCance	9.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1162	ALL		485375	3717675	9.11E-07	70YrCance	9.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1163	ALL		485425	3717675	8.51E-07	70YrCance	8.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1164	ALL		485475	3717675	8.02E-07	70YrCance	8.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1165	ALL		482925	3717725	8.86E-07	70YrCance	8.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1166	ALL		482975	3717725	9.39E-07	70YrCance	9.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1167	ALL		483025	3717725	9.92E-07	70YrCance	9.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1168	ALL		483075	3717725	1.05E-06	70YrCance	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1169	ALL		483125	3717725	1.10E-06	70YrCance	1.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1170	ALL		483175	3717725	1.17E-06	70YrCance	1.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:52:25 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmit70yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
1171	ALL		483225	3717725	1.27E-06	70YrCance	1.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1172	ALL		483275	3717725	1.40E-06	70YrCance	1.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1173	ALL		483325	3717725	1.55E-06	70YrCance	1.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1174	ALL		483375	3717725	1.71E-06	70YrCance	1.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1175	ALL		483425	3717725	1.91E-06	70YrCance	1.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1176	ALL		483475	3717725	2.14E-06	70YrCance	2.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1177	ALL		483525	3717725	2.42E-06	70YrCance	2.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1178	ALL		483575	3717725	2.75E-06	70YrCance	2.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1179	ALL		483625	3717725	3.15E-06	70YrCance	3.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1180	ALL		483675	3717725	3.66E-06	70YrCance	3.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1181	ALL		483725	3717725	4.33E-06	70YrCance	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1182	ALL		483775	3717725	5.39E-06	70YrCance	5.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1183	ALL		483825	3717725	8.85E-06	70YrCance	8.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1184	ALL		484525	3717725	8.64E-06	70YrCance	8.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1185	ALL		484575	3717725	7.25E-06	70YrCance	7.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1186	ALL		484625	3717725	5.71E-06	70YrCance	5.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1187	ALL		484675	3717725	4.60E-06	70YrCance	4.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1188	ALL		484725	3717725	3.82E-06	70YrCance	3.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1189	ALL		484775	3717725	3.15E-06	70YrCance	3.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1190	ALL		484825	3717725	2.69E-06	70YrCance	2.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1191	ALL		484875	3717725	2.29E-06	70YrCance	2.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1192	ALL		484925	3717725	2.02E-06	70YrCance	2.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1193	ALL		484975	3717725	1.79E-06	70YrCance	1.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1194	ALL		485025	3717725	1.62E-06	70YrCance	1.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1195	ALL		485075	3717725	1.48E-06	70YrCance	1.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1196	ALL		485125	3717725	1.37E-06	70YrCance	1.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1197	ALL		485175	3717725	1.27E-06	70YrCance	1.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1198	ALL		485225	3717725	1.18E-06	70YrCance	1.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1199	ALL		485275	3717725	1.08E-06	70YrCance	1.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1200	ALL		485325	3717725	9.93E-07	70YrCance	9.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1201	ALL		485375	3717725	9.22E-07	70YrCance	9.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1202	ALL		485425	3717725	8.52E-07	70YrCance	8.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1203	ALL		485475	3717725	8.01E-07	70YrCance	8.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1204	ALL		482925	3717775	9.23E-07	70YrCance	9.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1205	ALL		482975	3717775	9.75E-07	70YrCance	9.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1206	ALL		483025	3717775	1.03E-06	70YrCance	1.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1207	ALL		483075	3717775	1.09E-06	70YrCance	1.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1208	ALL		483125	3717775	1.16E-06	70YrCance	1.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1209	ALL		483175	3717775	1.23E-06	70YrCance	1.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1210	ALL		483225	3717775	1.32E-06	70YrCance	1.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1211	ALL		483275	3717775	1.42E-06	70YrCance	1.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1212	ALL		483325	3717775	1.53E-06	70YrCance	1.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1213	ALL		483375	3717775	1.66E-06	70YrCance	1.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1214	ALL		483425	3717775	1.81E-06	70YrCance	1.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1215	ALL		483475	3717775	1.99E-06	70YrCance	1.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:52:25 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmit70yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
1216	ALL		483525	3717775	2.26E-06	70YrCance	2.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1217	ALL		483575	3717775	2.60E-06	70YrCance	2.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1218	ALL		483625	3717775	3.02E-06	70YrCance	3.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1219	ALL		483675	3717775	3.55E-06	70YrCance	3.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1220	ALL		483725	3717775	4.26E-06	70YrCance	4.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1221	ALL		483775	3717775	5.25E-06	70YrCance	5.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1222	ALL		483825	3717775	6.95E-06	70YrCance	6.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1223	ALL		483875	3717775	1.40E-05	70YrCance	1.40E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1224	ALL		484525	3717775	9.98E-06	70YrCance	9.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1225	ALL		484575	3717775	7.49E-06	70YrCance	7.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1226	ALL		484625	3717775	5.66E-06	70YrCance	5.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1227	ALL		484675	3717775	4.39E-06	70YrCance	4.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1228	ALL		484725	3717775	3.73E-06	70YrCance	3.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1229	ALL		484775	3717775	3.21E-06	70YrCance	3.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1230	ALL		484825	3717775	2.76E-06	70YrCance	2.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1231	ALL		484875	3717775	2.40E-06	70YrCance	2.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1232	ALL		484925	3717775	2.12E-06	70YrCance	2.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1233	ALL		484975	3717775	1.87E-06	70YrCance	1.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1234	ALL		485025	3717775	1.66E-06	70YrCance	1.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1235	ALL		485075	3717775	1.49E-06	70YrCance	1.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1236	ALL		485125	3717775	1.37E-06	70YrCance	1.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1237	ALL		485175	3717775	1.27E-06	70YrCance	1.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1238	ALL		485225	3717775	1.17E-06	70YrCance	1.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1239	ALL		485275	3717775	1.09E-06	70YrCance	1.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1240	ALL		485325	3717775	1.00E-06	70YrCance	1.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1241	ALL		485375	3717775	9.28E-07	70YrCance	9.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1242	ALL		485425	3717775	8.62E-07	70YrCance	8.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1243	ALL		485475	3717775	8.11E-07	70YrCance	8.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1244	ALL		482925	3717825	9.41E-07	70YrCance	9.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1245	ALL		482975	3717825	9.96E-07	70YrCance	9.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1246	ALL		483025	3717825	1.05E-06	70YrCance	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1247	ALL		483075	3717825	1.11E-06	70YrCance	1.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1248	ALL		483125	3717825	1.19E-06	70YrCance	1.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1249	ALL		483175	3717825	1.27E-06	70YrCance	1.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1250	ALL		483225	3717825	1.36E-06	70YrCance	1.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1251	ALL		483275	3717825	1.47E-06	70YrCance	1.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1252	ALL		483325	3717825	1.58E-06	70YrCance	1.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1253	ALL		483375	3717825	1.72E-06	70YrCance	1.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1254	ALL		483425	3717825	1.88E-06	70YrCance	1.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1255	ALL		483475	3717825	2.06E-06	70YrCance	2.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1256	ALL		483525	3717825	2.27E-06	70YrCance	2.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1257	ALL		483575	3717825	2.53E-06	70YrCance	2.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1258	ALL		483625	3717825	2.84E-06	70YrCance	2.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1259	ALL		483675	3717825	3.24E-06	70YrCance	3.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1260	ALL		483725	3717825	3.77E-06	70YrCance	3.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:52:25 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmit70yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
1261	ALL		483775	3717825	4.66E-06	70YrCance	4.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1262	ALL		483825	3717825	6.03E-06	70YrCance	6.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1263	ALL		483875	3717825	8.69E-06	70YrCance	8.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1264	ALL		483925	3717825	1.90E-05	70YrCance	1.90E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1265	ALL		484525	3717825	1.02E-05	70YrCance	1.02E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1266	ALL		484575	3717825	7.73E-06	70YrCance	7.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1267	ALL		484625	3717825	5.94E-06	70YrCance	5.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1268	ALL		484675	3717825	4.75E-06	70YrCance	4.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1269	ALL		484725	3717825	3.92E-06	70YrCance	3.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1270	ALL		484775	3717825	3.28E-06	70YrCance	3.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1271	ALL		484825	3717825	2.77E-06	70YrCance	2.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1272	ALL		484875	3717825	2.38E-06	70YrCance	2.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1273	ALL		484925	3717825	2.08E-06	70YrCance	2.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1274	ALL		484975	3717825	1.85E-06	70YrCance	1.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1275	ALL		485025	3717825	1.66E-06	70YrCance	1.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1276	ALL		485075	3717825	1.50E-06	70YrCance	1.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1277	ALL		485125	3717825	1.37E-06	70YrCance	1.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1278	ALL		485175	3717825	1.26E-06	70YrCance	1.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1279	ALL		485225	3717825	1.15E-06	70YrCance	1.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1280	ALL		485275	3717825	1.07E-06	70YrCance	1.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1281	ALL		485325	3717825	9.86E-07	70YrCance	9.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1282	ALL		485375	3717825	9.18E-07	70YrCance	9.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1283	ALL		485425	3717825	8.67E-07	70YrCance	8.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1284	ALL		485475	3717825	8.11E-07	70YrCance	8.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1285	ALL		482925	3717875	9.40E-07	70YrCance	9.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1286	ALL		482975	3717875	9.97E-07	70YrCance	9.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1287	ALL		483025	3717875	1.06E-06	70YrCance	1.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1288	ALL		483075	3717875	1.12E-06	70YrCance	1.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1289	ALL		483125	3717875	1.20E-06	70YrCance	1.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1290	ALL		483175	3717875	1.28E-06	70YrCance	1.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1291	ALL		483225	3717875	1.36E-06	70YrCance	1.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1292	ALL		483275	3717875	1.47E-06	70YrCance	1.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1293	ALL		483325	3717875	1.59E-06	70YrCance	1.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1294	ALL		483375	3717875	1.73E-06	70YrCance	1.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1295	ALL		483425	3717875	1.89E-06	70YrCance	1.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1296	ALL		483475	3717875	2.08E-06	70YrCance	2.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1297	ALL		483525	3717875	2.30E-06	70YrCance	2.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1298	ALL		483575	3717875	2.55E-06	70YrCance	2.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1299	ALL		483625	3717875	2.85E-06	70YrCance	2.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1300	ALL		483675	3717875	3.22E-06	70YrCance	3.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1301	ALL		483725	3717875	3.70E-06	70YrCance	3.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1302	ALL		483775	3717875	4.35E-06	70YrCance	4.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1303	ALL		483825	3717875	5.31E-06	70YrCance	5.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1304	ALL		483875	3717875	6.90E-06	70YrCance	6.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1305	ALL		483925	3717875	1.11E-05	70YrCance	1.11E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:52:25 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmit70yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
1306	ALL		484525	3717875	1.03E-05	70YrCance	1.03E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1307	ALL		484575	3717875	7.54E-06	70YrCance	7.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1308	ALL		484625	3717875	5.83E-06	70YrCance	5.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1309	ALL		484675	3717875	4.69E-06	70YrCance	4.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1310	ALL		484725	3717875	3.90E-06	70YrCance	3.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1311	ALL		484775	3717875	3.30E-06	70YrCance	3.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1312	ALL		484825	3717875	2.83E-06	70YrCance	2.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1313	ALL		484875	3717875	2.46E-06	70YrCance	2.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1314	ALL		484925	3717875	2.15E-06	70YrCance	2.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1315	ALL		484975	3717875	1.91E-06	70YrCance	1.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1316	ALL		485025	3717875	1.72E-06	70YrCance	1.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1317	ALL		485075	3717875	1.53E-06	70YrCance	1.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1318	ALL		485125	3717875	1.39E-06	70YrCance	1.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1319	ALL		485175	3717875	1.26E-06	70YrCance	1.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1320	ALL		485225	3717875	1.16E-06	70YrCance	1.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1321	ALL		485275	3717875	1.08E-06	70YrCance	1.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1322	ALL		485325	3717875	9.97E-07	70YrCance	9.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1323	ALL		485375	3717875	9.34E-07	70YrCance	9.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1324	ALL		485425	3717875	8.75E-07	70YrCance	8.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1325	ALL		485475	3717875	8.20E-07	70YrCance	8.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1326	ALL		482925	3717925	9.13E-07	70YrCance	9.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1327	ALL		482975	3717925	9.74E-07	70YrCance	9.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1328	ALL		483025	3717925	1.04E-06	70YrCance	1.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1329	ALL		483075	3717925	1.10E-06	70YrCance	1.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1330	ALL		483125	3717925	1.17E-06	70YrCance	1.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1331	ALL		483175	3717925	1.25E-06	70YrCance	1.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1332	ALL		483225	3717925	1.33E-06	70YrCance	1.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1333	ALL		483275	3717925	1.44E-06	70YrCance	1.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1334	ALL		483325	3717925	1.55E-06	70YrCance	1.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1335	ALL		483375	3717925	1.69E-06	70YrCance	1.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1336	ALL		483425	3717925	1.84E-06	70YrCance	1.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1337	ALL		483475	3717925	2.02E-06	70YrCance	2.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1338	ALL		483525	3717925	2.23E-06	70YrCance	2.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1339	ALL		483575	3717925	2.47E-06	70YrCance	2.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1340	ALL		483625	3717925	2.74E-06	70YrCance	2.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1341	ALL		483675	3717925	3.07E-06	70YrCance	3.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1342	ALL		483725	3717925	3.51E-06	70YrCance	3.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1343	ALL		483775	3717925	4.09E-06	70YrCance	4.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1344	ALL		483825	3717925	4.88E-06	70YrCance	4.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1345	ALL		483875	3717925	6.18E-06	70YrCance	6.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1346	ALL		483925	3717925	8.46E-06	70YrCance	8.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1347	ALL		483975	3717925	1.52E-05	70YrCance	1.52E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1348	ALL		484525	3717925	1.06E-05	70YrCance	1.06E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1349	ALL		484575	3717925	7.36E-06	70YrCance	7.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1350	ALL		484625	3717925	5.53E-06	70YrCance	5.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:52:25 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmit70yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
1351	ALL		484675	3717925	4.42E-06	70YrCance	4.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1352	ALL		484725	3717925	3.64E-06	70YrCance	3.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1353	ALL		484775	3717925	3.11E-06	70YrCance	3.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1354	ALL		484825	3717925	2.70E-06	70YrCance	2.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1355	ALL		484875	3717925	2.37E-06	70YrCance	2.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1356	ALL		484925	3717925	2.09E-06	70YrCance	2.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1357	ALL		484975	3717925	1.86E-06	70YrCance	1.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1358	ALL		485025	3717925	1.68E-06	70YrCance	1.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1359	ALL		485075	3717925	1.52E-06	70YrCance	1.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1360	ALL		485125	3717925	1.38E-06	70YrCance	1.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1361	ALL		485175	3717925	1.27E-06	70YrCance	1.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1362	ALL		485225	3717925	1.17E-06	70YrCance	1.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1363	ALL		485275	3717925	1.09E-06	70YrCance	1.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1364	ALL		485325	3717925	1.01E-06	70YrCance	1.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1365	ALL		485375	3717925	9.37E-07	70YrCance	9.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1366	ALL		485425	3717925	8.74E-07	70YrCance	8.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1367	ALL		485475	3717925	8.22E-07	70YrCance	8.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1368	ALL		482925	3717975	9.08E-07	70YrCance	9.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1369	ALL		482975	3717975	9.63E-07	70YrCance	9.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1370	ALL		483025	3717975	1.02E-06	70YrCance	1.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1371	ALL		483075	3717975	1.09E-06	70YrCance	1.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1372	ALL		483125	3717975	1.16E-06	70YrCance	1.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1373	ALL		483175	3717975	1.24E-06	70YrCance	1.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1374	ALL		483225	3717975	1.33E-06	70YrCance	1.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1375	ALL		483275	3717975	1.43E-06	70YrCance	1.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1376	ALL		483325	3717975	1.54E-06	70YrCance	1.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1377	ALL		483375	3717975	1.67E-06	70YrCance	1.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1378	ALL		483425	3717975	1.81E-06	70YrCance	1.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1379	ALL		483475	3717975	1.98E-06	70YrCance	1.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1380	ALL		483525	3717975	2.17E-06	70YrCance	2.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1381	ALL		483575	3717975	2.39E-06	70YrCance	2.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1382	ALL		483625	3717975	2.63E-06	70YrCance	2.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1383	ALL		483675	3717975	2.92E-06	70YrCance	2.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1384	ALL		483725	3717975	3.37E-06	70YrCance	3.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1385	ALL		483775	3717975	3.86E-06	70YrCance	3.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1386	ALL		483825	3717975	4.45E-06	70YrCance	4.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1387	ALL		483875	3717975	5.61E-06	70YrCance	5.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1388	ALL		483925	3717975	7.51E-06	70YrCance	7.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1389	ALL		483975	3717975	1.29E-05	70YrCance	1.29E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1390	ALL		484525	3717975	9.95E-06	70YrCance	9.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1391	ALL		484575	3717975	7.80E-06	70YrCance	7.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1392	ALL		484625	3717975	6.31E-06	70YrCance	6.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1393	ALL		484675	3717975	5.11E-06	70YrCance	5.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1394	ALL		484725	3717975	4.17E-06	70YrCance	4.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1395	ALL		484775	3717975	3.41E-06	70YrCance	3.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:52:25 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmit70yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
1396	ALL		484825	3717975	2.81E-06	70YrCance	2.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1397	ALL		484875	3717975	2.36E-06	70YrCance	2.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1398	ALL		484925	3717975	2.10E-06	70YrCance	2.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1399	ALL		484975	3717975	1.87E-06	70YrCance	1.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1400	ALL		485025	3717975	1.69E-06	70YrCance	1.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1401	ALL		485075	3717975	1.54E-06	70YrCance	1.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1402	ALL		485125	3717975	1.40E-06	70YrCance	1.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1403	ALL		485175	3717975	1.31E-06	70YrCance	1.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1404	ALL		485225	3717975	1.19E-06	70YrCance	1.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1405	ALL		485275	3717975	1.08E-06	70YrCance	1.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1406	ALL		485325	3717975	1.01E-06	70YrCance	1.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1407	ALL		485375	3717975	9.35E-07	70YrCance	9.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1408	ALL		485425	3717975	8.78E-07	70YrCance	8.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1409	ALL		485475	3717975	8.26E-07	70YrCance	8.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1410	ALL		482925	3718025	8.98E-07	70YrCance	8.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1411	ALL		482975	3718025	9.50E-07	70YrCance	9.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1412	ALL		483025	3718025	1.01E-06	70YrCance	1.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1413	ALL		483075	3718025	1.07E-06	70YrCance	1.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1414	ALL		483125	3718025	1.14E-06	70YrCance	1.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1415	ALL		483175	3718025	1.21E-06	70YrCance	1.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1416	ALL		483225	3718025	1.29E-06	70YrCance	1.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1417	ALL		483275	3718025	1.39E-06	70YrCance	1.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1418	ALL		483325	3718025	1.49E-06	70YrCance	1.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1419	ALL		483375	3718025	1.61E-06	70YrCance	1.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1420	ALL		483425	3718025	1.74E-06	70YrCance	1.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1421	ALL		483475	3718025	1.89E-06	70YrCance	1.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1422	ALL		483525	3718025	2.05E-06	70YrCance	2.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1423	ALL		483575	3718025	2.24E-06	70YrCance	2.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1424	ALL		483625	3718025	2.46E-06	70YrCance	2.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1425	ALL		483675	3718025	2.72E-06	70YrCance	2.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1426	ALL		483725	3718025	3.17E-06	70YrCance	3.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1427	ALL		483775	3718025	3.72E-06	70YrCance	3.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1428	ALL		483825	3718025	4.33E-06	70YrCance	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1429	ALL		483875	3718025	5.37E-06	70YrCance	5.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1430	ALL		483925	3718025	7.05E-06	70YrCance	7.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1431	ALL		483975	3718025	1.00E-05	70YrCance	1.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1432	ALL		484025	3718025	2.00E-05	70YrCance	2.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1433	ALL		484525	3718025	8.33E-06	70YrCance	8.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1434	ALL		484575	3718025	6.85E-06	70YrCance	6.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1435	ALL		484625	3718025	5.66E-06	70YrCance	5.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1436	ALL		484675	3718025	4.67E-06	70YrCance	4.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1437	ALL		484725	3718025	3.99E-06	70YrCance	3.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1438	ALL		484775	3718025	3.55E-06	70YrCance	3.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1439	ALL		484825	3718025	3.11E-06	70YrCance	3.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1440	ALL		484875	3718025	2.71E-06	70YrCance	2.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:52:25 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmit70yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
1441	ALL		484925	3718025	2.35E-06	70YrCance	2.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1442	ALL		484975	3718025	2.03E-06	70YrCance	2.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1443	ALL		485025	3718025	1.76E-06	70YrCance	1.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1444	ALL		485075	3718025	1.53E-06	70YrCance	1.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1445	ALL		485125	3718025	1.39E-06	70YrCance	1.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1446	ALL		485175	3718025	1.30E-06	70YrCance	1.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1447	ALL		485225	3718025	1.19E-06	70YrCance	1.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1448	ALL		485275	3718025	1.08E-06	70YrCance	1.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1449	ALL		485325	3718025	1.00E-06	70YrCance	1.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1450	ALL		485375	3718025	9.37E-07	70YrCance	9.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1451	ALL		485425	3718025	8.91E-07	70YrCance	8.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1452	ALL		485475	3718025	8.39E-07	70YrCance	8.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1453	ALL		482925	3718075	8.60E-07	70YrCance	8.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1454	ALL		482975	3718075	9.15E-07	70YrCance	9.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1455	ALL		483025	3718075	9.68E-07	70YrCance	9.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1456	ALL		483075	3718075	1.03E-06	70YrCance	1.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1457	ALL		483125	3718075	1.08E-06	70YrCance	1.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1458	ALL		483175	3718075	1.15E-06	70YrCance	1.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1459	ALL		483225	3718075	1.21E-06	70YrCance	1.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1460	ALL		483275	3718075	1.31E-06	70YrCance	1.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1461	ALL		483325	3718075	1.41E-06	70YrCance	1.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1462	ALL		483375	3718075	1.51E-06	70YrCance	1.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1463	ALL		483425	3718075	1.62E-06	70YrCance	1.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1464	ALL		483475	3718075	1.74E-06	70YrCance	1.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1465	ALL		483525	3718075	1.93E-06	70YrCance	1.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1466	ALL		483575	3718075	2.15E-06	70YrCance	2.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1467	ALL		483625	3718075	2.42E-06	70YrCance	2.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1468	ALL		483675	3718075	2.75E-06	70YrCance	2.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1469	ALL		483725	3718075	3.20E-06	70YrCance	3.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1470	ALL		483775	3718075	3.68E-06	70YrCance	3.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1471	ALL		483825	3718075	4.31E-06	70YrCance	4.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1472	ALL		483875	3718075	5.15E-06	70YrCance	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1473	ALL		483925	3718075	6.22E-06	70YrCance	6.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1474	ALL		483975	3718075	8.21E-06	70YrCance	8.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1475	ALL		484025	3718075	1.59E-05	70YrCance	1.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1476	ALL		484525	3718075	8.23E-06	70YrCance	8.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1477	ALL		484575	3718075	5.95E-06	70YrCance	5.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1478	ALL		484625	3718075	4.80E-06	70YrCance	4.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1479	ALL		484675	3718075	4.25E-06	70YrCance	4.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1480	ALL		484725	3718075	3.74E-06	70YrCance	3.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1481	ALL		484775	3718075	3.28E-06	70YrCance	3.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1482	ALL		484825	3718075	2.85E-06	70YrCance	2.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1483	ALL		484875	3718075	2.47E-06	70YrCance	2.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1484	ALL		484925	3718075	2.28E-06	70YrCance	2.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1485	ALL		484975	3718075	2.08E-06	70YrCance	2.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:52:25 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmit70yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
1486	ALL		485025	3718075	1.88E-06	70YrCance	1.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1487	ALL		485075	3718075	1.70E-06	70YrCance	1.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1488	ALL		485125	3718075	1.52E-06	70YrCance	1.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1489	ALL		485175	3718075	1.36E-06	70YrCance	1.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1490	ALL		485225	3718075	1.21E-06	70YrCance	1.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1491	ALL		485275	3718075	1.07E-06	70YrCance	1.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1492	ALL		485325	3718075	9.88E-07	70YrCance	9.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1493	ALL		485375	3718075	9.27E-07	70YrCance	9.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1494	ALL		485425	3718075	8.78E-07	70YrCance	8.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1495	ALL		485475	3718075	8.32E-07	70YrCance	8.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1496	ALL		482925	3718125	7.95E-07	70YrCance	7.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1497	ALL		482975	3718125	8.39E-07	70YrCance	8.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1498	ALL		483025	3718125	8.93E-07	70YrCance	8.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1499	ALL		483075	3718125	9.45E-07	70YrCance	9.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1500	ALL		483125	3718125	1.01E-06	70YrCance	1.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1501	ALL		483175	3718125	1.06E-06	70YrCance	1.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1502	ALL		483225	3718125	1.39E-06	70YrCance	1.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1503	ALL		483275	3718125	1.17E-06	70YrCance	1.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1504	ALL		483325	3718125	1.33E-06	70YrCance	1.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1505	ALL		483375	3718125	1.47E-06	70YrCance	1.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1506	ALL		483425	3718125	1.62E-06	70YrCance	1.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1507	ALL		483475	3718125	1.79E-06	70YrCance	1.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1508	ALL		483525	3718125	1.98E-06	70YrCance	1.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1509	ALL		483575	3718125	2.19E-06	70YrCance	2.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1510	ALL		483625	3718125	2.43E-06	70YrCance	2.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1511	ALL		483675	3718125	2.72E-06	70YrCance	2.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1512	ALL		483725	3718125	3.06E-06	70YrCance	3.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1513	ALL		483775	3718125	3.48E-06	70YrCance	3.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1514	ALL		483825	3718125	3.96E-06	70YrCance	3.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1515	ALL		483875	3718125	4.69E-06	70YrCance	4.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1516	ALL		483925	3718125	5.55E-06	70YrCance	5.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1517	ALL		483975	3718125	7.13E-06	70YrCance	7.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1518	ALL		484025	3718125	1.14E-05	70YrCance	1.14E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1519	ALL		484525	3718125	7.44E-06	70YrCance	7.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1520	ALL		484575	3718125	6.22E-06	70YrCance	6.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1521	ALL		484625	3718125	4.59E-06	70YrCance	4.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1522	ALL		484675	3718125	3.78E-06	70YrCance	3.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1523	ALL		484725	3718125	3.24E-06	70YrCance	3.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1524	ALL		484775	3718125	2.98E-06	70YrCance	2.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1525	ALL		484825	3718125	2.71E-06	70YrCance	2.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1526	ALL		484875	3718125	2.44E-06	70YrCance	2.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1527	ALL		484925	3718125	2.17E-06	70YrCance	2.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1528	ALL		484975	3718125	1.94E-06	70YrCance	1.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1529	ALL		485025	3718125	1.72E-06	70YrCance	1.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1530	ALL		485075	3718125	1.59E-06	70YrCance	1.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:52:25 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmit70yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
1531	ALL		485125	3718125	1.49E-06	70YrCance	1.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1532	ALL		485175	3718125	1.38E-06	70YrCance	1.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1533	ALL		485225	3718125	1.27E-06	70YrCance	1.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1534	ALL		485275	3718125	1.16E-06	70YrCance	1.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1535	ALL		485325	3718125	1.07E-06	70YrCance	1.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1536	ALL		485375	3718125	9.80E-07	70YrCance	9.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1537	ALL		485425	3718125	9.01E-07	70YrCance	9.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1538	ALL		485475	3718125	8.27E-07	70YrCance	8.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1539	ALL		482925	3718175	1.37E-06	70YrCance	1.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1540	ALL		482975	3718175	1.44E-06	70YrCance	1.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1541	ALL		483025	3718175	1.47E-06	70YrCance	1.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1542	ALL		483075	3718175	1.03E-06	70YrCance	1.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1543	ALL		483125	3718175	9.32E-07	70YrCance	9.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1544	ALL		483175	3718175	1.03E-06	70YrCance	1.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1545	ALL		483225	3718175	1.65E-06	70YrCance	1.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1546	ALL		483275	3718175	1.29E-06	70YrCance	1.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1547	ALL		483325	3718175	1.36E-06	70YrCance	1.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1548	ALL		483375	3718175	1.50E-06	70YrCance	1.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1549	ALL		483425	3718175	1.64E-06	70YrCance	1.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1550	ALL		483475	3718175	1.80E-06	70YrCance	1.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1551	ALL		483525	3718175	1.96E-06	70YrCance	1.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1552	ALL		483575	3718175	2.15E-06	70YrCance	2.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1553	ALL		483625	3718175	2.36E-06	70YrCance	2.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1554	ALL		483675	3718175	2.60E-06	70YrCance	2.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1555	ALL		483725	3718175	2.87E-06	70YrCance	2.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1556	ALL		483775	3718175	3.23E-06	70YrCance	3.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1557	ALL		483825	3718175	3.71E-06	70YrCance	3.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1558	ALL		483875	3718175	4.16E-06	70YrCance	4.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1559	ALL		483925	3718175	5.21E-06	70YrCance	5.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1560	ALL		483975	3718175	6.85E-06	70YrCance	6.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1561	ALL		484025	3718175	8.68E-06	70YrCance	8.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1562	ALL		484075	3718175	1.78E-05	70YrCance	1.78E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1563	ALL		484525	3718175	5.54E-06	70YrCance	5.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1564	ALL		484575	3718175	5.64E-06	70YrCance	5.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1565	ALL		484625	3718175	4.91E-06	70YrCance	4.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1566	ALL		484675	3718175	3.83E-06	70YrCance	3.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1567	ALL		484725	3718175	3.07E-06	70YrCance	3.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1568	ALL		484775	3718175	2.70E-06	70YrCance	2.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1569	ALL		484825	3718175	2.38E-06	70YrCance	2.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1570	ALL		484875	3718175	2.22E-06	70YrCance	2.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1571	ALL		484925	3718175	2.05E-06	70YrCance	2.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1572	ALL		484975	3718175	1.89E-06	70YrCance	1.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1573	ALL		485025	3718175	1.73E-06	70YrCance	1.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1574	ALL		485075	3718175	1.57E-06	70YrCance	1.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1575	ALL		485125	3718175	1.42E-06	70YrCance	1.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:52:25 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmit70yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
1576	ALL		485175	3718175	1.30E-06	70YrCance	1.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1577	ALL		485225	3718175	1.17E-06	70YrCance	1.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1578	ALL		485275	3718175	1.11E-06	70YrCance	1.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1579	ALL		485325	3718175	1.05E-06	70YrCance	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1580	ALL		485375	3718175	9.96E-07	70YrCance	9.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1581	ALL		485425	3718175	9.39E-07	70YrCance	9.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1582	ALL		485475	3718175	8.82E-07	70YrCance	8.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1583	ALL		482925	3718225	1.89E-06	70YrCance	1.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1584	ALL		482975	3718225	2.01E-06	70YrCance	2.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1585	ALL		483025	3718225	2.03E-06	70YrCance	2.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1586	ALL		483075	3718225	1.88E-06	70YrCance	1.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1587	ALL		483125	3718225	1.59E-06	70YrCance	1.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1588	ALL		483175	3718225	1.44E-06	70YrCance	1.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1589	ALL		483225	3718225	1.27E-06	70YrCance	1.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1590	ALL		483275	3718225	1.22E-06	70YrCance	1.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1591	ALL		483325	3718225	1.36E-06	70YrCance	1.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1592	ALL		483375	3718225	1.49E-06	70YrCance	1.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1593	ALL		483425	3718225	1.60E-06	70YrCance	1.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1594	ALL		483475	3718225	1.75E-06	70YrCance	1.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1595	ALL		483525	3718225	1.89E-06	70YrCance	1.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1596	ALL		483575	3718225	2.06E-06	70YrCance	2.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1597	ALL		483625	3718225	2.23E-06	70YrCance	2.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1598	ALL		483675	3718225	2.46E-06	70YrCance	2.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1599	ALL		483725	3718225	2.74E-06	70YrCance	2.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1600	ALL		483775	3718225	3.05E-06	70YrCance	3.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1601	ALL		483825	3718225	3.38E-06	70YrCance	3.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1602	ALL		483875	3718225	4.12E-06	70YrCance	4.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1603	ALL		483925	3718225	5.12E-06	70YrCance	5.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1604	ALL		483975	3718225	5.77E-06	70YrCance	5.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1605	ALL		484025	3718225	7.15E-06	70YrCance	7.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1606	ALL		484075	3718225	1.48E-05	70YrCance	1.48E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1607	ALL		484125	3718225	7.80E-06	70YrCance	7.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1608	ALL		484175	3718225	7.11E-06	70YrCance	7.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1609	ALL		484225	3718225	6.76E-06	70YrCance	6.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1610	ALL		484275	3718225	6.30E-06	70YrCance	6.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1611	ALL		484325	3718225	7.95E-06	70YrCance	7.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1612	ALL		484375	3718225	7.32E-06	70YrCance	7.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1613	ALL		484425	3718225	5.95E-06	70YrCance	5.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1614	ALL		484475	3718225	5.46E-06	70YrCance	5.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1615	ALL		484525	3718225	4.27E-06	70YrCance	4.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1616	ALL		484575	3718225	4.36E-06	70YrCance	4.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1617	ALL		484625	3718225	4.46E-06	70YrCance	4.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1618	ALL		484675	3718225	4.01E-06	70YrCance	4.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1619	ALL		484725	3718225	3.26E-06	70YrCance	3.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1620	ALL		484775	3718225	2.53E-06	70YrCance	2.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:52:25 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmit70yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
1621	ALL		484825	3718225	2.27E-06	70YrCance	2.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1622	ALL		484875	3718225	2.07E-06	70YrCance	2.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1623	ALL		484925	3718225	1.84E-06	70YrCance	1.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1624	ALL		484975	3718225	1.72E-06	70YrCance	1.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1625	ALL		485025	3718225	1.62E-06	70YrCance	1.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1626	ALL		485075	3718225	1.51E-06	70YrCance	1.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1627	ALL		485125	3718225	1.40E-06	70YrCance	1.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1628	ALL		485175	3718225	1.29E-06	70YrCance	1.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1629	ALL		485225	3718225	1.19E-06	70YrCance	1.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1630	ALL		485275	3718225	1.09E-06	70YrCance	1.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1631	ALL		485325	3718225	9.97E-07	70YrCance	9.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1632	ALL		485375	3718225	9.13E-07	70YrCance	9.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1633	ALL		485425	3718225	8.76E-07	70YrCance	8.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1634	ALL		485475	3718225	8.46E-07	70YrCance	8.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1635	ALL		482925	3718275	1.89E-06	70YrCance	1.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1636	ALL		482975	3718275	1.92E-06	70YrCance	1.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1637	ALL		483025	3718275	2.05E-06	70YrCance	2.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1638	ALL		483075	3718275	2.18E-06	70YrCance	2.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1639	ALL		483125	3718275	2.20E-06	70YrCance	2.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1640	ALL		483175	3718275	2.07E-06	70YrCance	2.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1641	ALL		483225	3718275	1.86E-06	70YrCance	1.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1642	ALL		483275	3718275	1.67E-06	70YrCance	1.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1643	ALL		483325	3718275	1.31E-06	70YrCance	1.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1644	ALL		483375	3718275	1.44E-06	70YrCance	1.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1645	ALL		483425	3718275	1.54E-06	70YrCance	1.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1646	ALL		483475	3718275	1.68E-06	70YrCance	1.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1647	ALL		483525	3718275	1.81E-06	70YrCance	1.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1648	ALL		483575	3718275	1.95E-06	70YrCance	1.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1649	ALL		483625	3718275	2.14E-06	70YrCance	2.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1650	ALL		483675	3718275	2.35E-06	70YrCance	2.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1651	ALL		483725	3718275	2.59E-06	70YrCance	2.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1652	ALL		483775	3718275	2.84E-06	70YrCance	2.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1653	ALL		483825	3718275	3.37E-06	70YrCance	3.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1654	ALL		483875	3718275	4.06E-06	70YrCance	4.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1655	ALL		483925	3718275	4.45E-06	70YrCance	4.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1656	ALL		483975	3718275	5.05E-06	70YrCance	5.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1657	ALL		484025	3718275	6.25E-06	70YrCance	6.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1658	ALL		484075	3718275	1.27E-05	70YrCance	1.27E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1659	ALL		484125	3718275	7.21E-06	70YrCance	7.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1660	ALL		484175	3718275	6.10E-06	70YrCance	6.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1661	ALL		484225	3718275	5.72E-06	70YrCance	5.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1662	ALL		484275	3718275	5.24E-06	70YrCance	5.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1663	ALL		484325	3718275	6.39E-06	70YrCance	6.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1664	ALL		484375	3718275	6.32E-06	70YrCance	6.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1665	ALL		484425	3718275	5.00E-06	70YrCance	5.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:52:25 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmit70yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
1666	ALL		484475	3718275	4.78E-06	70YrCance	4.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1667	ALL		484525	3718275	4.11E-06	70YrCance	4.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1668	ALL		484575	3718275	3.37E-06	70YrCance	3.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1669	ALL		484625	3718275	3.53E-06	70YrCance	3.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1670	ALL		484675	3718275	3.63E-06	70YrCance	3.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1671	ALL		484725	3718275	3.34E-06	70YrCance	3.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1672	ALL		484775	3718275	2.81E-06	70YrCance	2.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1673	ALL		484825	3718275	2.23E-06	70YrCance	2.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1674	ALL		484875	3718275	1.94E-06	70YrCance	1.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1675	ALL		484925	3718275	1.78E-06	70YrCance	1.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1676	ALL		484975	3718275	1.62E-06	70YrCance	1.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1677	ALL		485025	3718275	1.49E-06	70YrCance	1.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1678	ALL		485075	3718275	1.39E-06	70YrCance	1.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1679	ALL		485125	3718275	1.31E-06	70YrCance	1.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1680	ALL		485175	3718275	1.24E-06	70YrCance	1.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1681	ALL		485225	3718275	1.16E-06	70YrCance	1.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1682	ALL		485275	3718275	1.09E-06	70YrCance	1.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1683	ALL		485325	3718275	1.01E-06	70YrCance	1.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1684	ALL		485375	3718275	9.38E-07	70YrCance	9.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1685	ALL		485425	3718275	8.68E-07	70YrCance	8.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1686	ALL		485475	3718275	8.00E-07	70YrCance	8.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1687	ALL		482925	3718325	1.75E-06	70YrCance	1.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1688	ALL		482975	3718325	1.79E-06	70YrCance	1.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1689	ALL		483025	3718325	1.87E-06	70YrCance	1.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1690	ALL		483075	3718325	1.99E-06	70YrCance	1.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1691	ALL		483125	3718325	2.21E-06	70YrCance	2.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1692	ALL		483175	3718325	2.39E-06	70YrCance	2.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1693	ALL		483225	3718325	2.30E-06	70YrCance	2.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1694	ALL		483275	3718325	1.81E-06	70YrCance	1.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1695	ALL		483325	3718325	1.71E-06	70YrCance	1.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1696	ALL		483375	3718325	1.36E-06	70YrCance	1.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1697	ALL		483425	3718325	1.65E-06	70YrCance	1.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1698	ALL		483475	3718325	1.59E-06	70YrCance	1.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1699	ALL		483525	3718325	1.73E-06	70YrCance	1.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1700	ALL		483575	3718325	1.88E-06	70YrCance	1.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1701	ALL		483625	3718325	2.21E-06	70YrCance	2.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1702	ALL		483675	3718325	2.22E-06	70YrCance	2.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1703	ALL		483725	3718325	2.44E-06	70YrCance	2.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1704	ALL		483775	3718325	2.83E-06	70YrCance	2.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1705	ALL		483825	3718325	3.32E-06	70YrCance	3.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1706	ALL		483875	3718325	3.59E-06	70YrCance	3.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1707	ALL		483925	3718325	3.93E-06	70YrCance	3.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1708	ALL		483975	3718325	4.51E-06	70YrCance	4.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1709	ALL		484025	3718325	5.34E-06	70YrCance	5.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1710	ALL		484075	3718325	1.10E-05	70YrCance	1.10E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:52:25 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmit70yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
1711	ALL		484125	3718325	6.61E-06	70YrCance	6.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1712	ALL		484175	3718325	5.29E-06	70YrCance	5.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1713	ALL		484225	3718325	4.94E-06	70YrCance	4.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1714	ALL		484275	3718325	4.46E-06	70YrCance	4.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1715	ALL		484325	3718325	5.25E-06	70YrCance	5.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1716	ALL		484375	3718325	5.46E-06	70YrCance	5.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1717	ALL		484425	3718325	4.45E-06	70YrCance	4.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1718	ALL		484475	3718325	4.05E-06	70YrCance	4.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1719	ALL		484525	3718325	3.83E-06	70YrCance	3.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1720	ALL		484575	3718325	3.13E-06	70YrCance	3.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1721	ALL		484625	3718325	2.78E-06	70YrCance	2.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1722	ALL		484675	3718325	2.93E-06	70YrCance	2.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1723	ALL		484725	3718325	3.01E-06	70YrCance	3.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1724	ALL		484775	3718325	2.83E-06	70YrCance	2.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1725	ALL		484825	3718325	2.45E-06	70YrCance	2.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1726	ALL		484875	3718325	2.00E-06	70YrCance	2.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1727	ALL		484925	3718325	1.71E-06	70YrCance	1.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1728	ALL		484975	3718325	1.59E-06	70YrCance	1.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1729	ALL		485025	3718325	1.46E-06	70YrCance	1.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1730	ALL		485075	3718325	1.36E-06	70YrCance	1.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1731	ALL		485125	3718325	1.25E-06	70YrCance	1.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1732	ALL		485175	3718325	1.15E-06	70YrCance	1.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1733	ALL		485225	3718325	1.09E-06	70YrCance	1.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1734	ALL		485275	3718325	1.04E-06	70YrCance	1.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1735	ALL		485325	3718325	9.82E-07	70YrCance	9.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1736	ALL		485375	3718325	9.26E-07	70YrCance	9.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1737	ALL		485425	3718325	8.73E-07	70YrCance	8.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1738	ALL		485475	3718325	8.13E-07	70YrCance	8.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1739	ALL		482925	3718375	1.75E-06	70YrCance	1.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1740	ALL		482975	3718375	1.77E-06	70YrCance	1.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1741	ALL		483025	3718375	1.89E-06	70YrCance	1.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1742	ALL		483075	3718375	1.95E-06	70YrCance	1.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1743	ALL		483125	3718375	2.04E-06	70YrCance	2.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1744	ALL		483175	3718375	2.28E-06	70YrCance	2.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1745	ALL		483225	3718375	2.39E-06	70YrCance	2.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1746	ALL		483275	3718375	2.25E-06	70YrCance	2.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1747	ALL		483325	3718375	1.88E-06	70YrCance	1.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1748	ALL		483375	3718375	1.74E-06	70YrCance	1.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1749	ALL		483425	3718375	1.68E-06	70YrCance	1.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1750	ALL		483475	3718375	1.54E-06	70YrCance	1.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1751	ALL		483525	3718375	2.13E-06	70YrCance	2.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1752	ALL		483575	3718375	2.28E-06	70YrCance	2.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1753	ALL		483625	3718375	2.46E-06	70YrCance	2.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1754	ALL		483675	3718375	2.12E-06	70YrCance	2.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1755	ALL		483725	3718375	2.42E-06	70YrCance	2.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:52:25 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmit70yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
1756	ALL		483775	3718375	2.80E-06	70YrCance	2.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1757	ALL		483825	3718375	2.99E-06	70YrCance	2.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1758	ALL		483875	3718375	3.17E-06	70YrCance	3.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1759	ALL		483925	3718375	3.58E-06	70YrCance	3.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1760	ALL		483975	3718375	4.06E-06	70YrCance	4.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1761	ALL		484025	3718375	4.58E-06	70YrCance	4.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1762	ALL		484075	3718375	1.05E-05	70YrCance	1.05E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1763	ALL		484125	3718375	6.35E-06	70YrCance	6.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1764	ALL		484175	3718375	4.64E-06	70YrCance	4.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1765	ALL		484225	3718375	4.34E-06	70YrCance	4.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1766	ALL		484275	3718375	3.87E-06	70YrCance	3.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1767	ALL		484325	3718375	4.39E-06	70YrCance	4.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1768	ALL		484375	3718375	4.72E-06	70YrCance	4.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1769	ALL		484425	3718375	4.11E-06	70YrCance	4.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1770	ALL		484475	3718375	3.49E-06	70YrCance	3.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1771	ALL		484525	3718375	3.42E-06	70YrCance	3.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1772	ALL		484575	3718375	3.05E-06	70YrCance	3.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1773	ALL		484625	3718375	2.49E-06	70YrCance	2.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1774	ALL		484675	3718375	2.33E-06	70YrCance	2.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1775	ALL		484725	3718375	2.47E-06	70YrCance	2.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1776	ALL		484775	3718375	2.57E-06	70YrCance	2.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1777	ALL		484825	3718375	2.45E-06	70YrCance	2.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1778	ALL		484875	3718375	2.16E-06	70YrCance	2.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1779	ALL		484925	3718375	1.81E-06	70YrCance	1.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1780	ALL		484975	3718375	1.54E-06	70YrCance	1.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1781	ALL		485025	3718375	1.44E-06	70YrCance	1.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1782	ALL		485075	3718375	1.33E-06	70YrCance	1.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1783	ALL		485125	3718375	1.22E-06	70YrCance	1.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1784	ALL		485175	3718375	1.13E-06	70YrCance	1.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1785	ALL		485225	3718375	1.06E-06	70YrCance	1.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1786	ALL		485275	3718375	9.88E-07	70YrCance	9.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1787	ALL		485325	3718375	9.32E-07	70YrCance	9.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1788	ALL		485375	3718375	8.99E-07	70YrCance	8.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1789	ALL		485425	3718375	8.54E-07	70YrCance	8.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1790	ALL		485475	3718375	8.05E-07	70YrCance	8.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1791	ALL		482925	3718425	1.80E-06	70YrCance	1.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1792	ALL		482975	3718425	1.75E-06	70YrCance	1.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1793	ALL		483025	3718425	1.83E-06	70YrCance	1.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1794	ALL		483075	3718425	1.98E-06	70YrCance	1.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1795	ALL		483125	3718425	1.95E-06	70YrCance	1.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1796	ALL		483175	3718425	2.14E-06	70YrCance	2.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1797	ALL		483225	3718425	2.38E-06	70YrCance	2.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1798	ALL		483275	3718425	2.42E-06	70YrCance	2.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1799	ALL		483325	3718425	2.21E-06	70YrCance	2.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1800	ALL		483375	3718425	2.06E-06	70YrCance	2.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:52:25 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmit70yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
1801	ALL		483425	3718425	2.09E-06	70YrCance	2.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1802	ALL		483475	3718425	1.76E-06	70YrCance	1.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1803	ALL		483525	3718425	2.72E-06	70YrCance	2.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1804	ALL		483575	3718425	2.77E-06	70YrCance	2.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1805	ALL		483625	3718425	2.66E-06	70YrCance	2.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1806	ALL		483675	3718425	2.24E-06	70YrCance	2.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1807	ALL		483725	3718425	2.41E-06	70YrCance	2.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1808	ALL		483775	3718425	2.55E-06	70YrCance	2.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1809	ALL		483825	3718425	2.62E-06	70YrCance	2.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1810	ALL		483875	3718425	2.99E-06	70YrCance	2.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1811	ALL		483925	3718425	3.30E-06	70YrCance	3.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1812	ALL		483975	3718425	3.49E-06	70YrCance	3.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1813	ALL		484025	3718425	4.20E-06	70YrCance	4.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1814	ALL		484075	3718425	1.01E-05	70YrCance	1.01E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1815	ALL		484125	3718425	6.17E-06	70YrCance	6.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1816	ALL		484175	3718425	4.22E-06	70YrCance	4.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1817	ALL		484225	3718425	3.87E-06	70YrCance	3.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1818	ALL		484275	3718425	3.42E-06	70YrCance	3.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1819	ALL		484325	3718425	3.74E-06	70YrCance	3.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1820	ALL		484375	3718425	4.10E-06	70YrCance	4.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1821	ALL		484425	3718425	3.77E-06	70YrCance	3.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1822	ALL		484475	3718425	3.07E-06	70YrCance	3.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1823	ALL		484525	3718425	3.00E-06	70YrCance	3.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1824	ALL		484575	3718425	2.85E-06	70YrCance	2.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1825	ALL		484625	3718425	2.44E-06	70YrCance	2.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1826	ALL		484675	3718425	2.14E-06	70YrCance	2.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1827	ALL		484725	3718425	1.99E-06	70YrCance	1.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1828	ALL		484775	3718425	2.13E-06	70YrCance	2.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1829	ALL		484825	3718425	2.21E-06	70YrCance	2.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1830	ALL		484875	3718425	2.13E-06	70YrCance	2.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1831	ALL		484925	3718425	1.92E-06	70YrCance	1.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1832	ALL		484975	3718425	1.65E-06	70YrCance	1.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1833	ALL		485025	3718425	1.41E-06	70YrCance	1.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1834	ALL		485075	3718425	1.30E-06	70YrCance	1.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1835	ALL		485125	3718425	1.20E-06	70YrCance	1.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1836	ALL		485175	3718425	1.10E-06	70YrCance	1.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1837	ALL		485225	3718425	1.02E-06	70YrCance	1.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1838	ALL		485275	3718425	9.66E-07	70YrCance	9.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1839	ALL		485325	3718425	9.14E-07	70YrCance	9.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1840	ALL		485375	3718425	8.72E-07	70YrCance	8.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1841	ALL		485425	3718425	8.49E-07	70YrCance	8.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1842	ALL		485475	3718425	8.10E-07	70YrCance	8.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1843	ALL		482925	3718475	1.85E-06	70YrCance	1.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1844	ALL		482975	3718475	1.79E-06	70YrCance	1.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1845	ALL		483025	3718475	1.76E-06	70YrCance	1.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:52:25 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmit70yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
1846	ALL		483075	3718475	1.89E-06	70YrCance	1.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1847	ALL		483125	3718475	2.00E-06	70YrCance	2.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1848	ALL		483175	3718475	2.04E-06	70YrCance	2.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1849	ALL		483225	3718475	2.28E-06	70YrCance	2.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1850	ALL		483275	3718475	2.48E-06	70YrCance	2.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1851	ALL		483325	3718475	2.47E-06	70YrCance	2.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1852	ALL		483375	3718475	2.52E-06	70YrCance	2.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1853	ALL		483425	3718475	2.51E-06	70YrCance	2.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1854	ALL		483475	3718475	2.28E-06	70YrCance	2.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1855	ALL		483525	3718475	2.99E-06	70YrCance	2.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1856	ALL		483575	3718475	3.42E-06	70YrCance	3.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1857	ALL		483625	3718475	2.84E-06	70YrCance	2.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1858	ALL		483675	3718475	2.28E-06	70YrCance	2.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1859	ALL		483725	3718475	2.21E-06	70YrCance	2.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1860	ALL		483775	3718475	2.23E-06	70YrCance	2.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1861	ALL		483825	3718475	2.56E-06	70YrCance	2.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1862	ALL		483875	3718475	2.74E-06	70YrCance	2.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1863	ALL		483925	3718475	2.96E-06	70YrCance	2.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1864	ALL		483975	3718475	3.17E-06	70YrCance	3.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1865	ALL		484025	3718475	3.88E-06	70YrCance	3.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1866	ALL		484075	3718475	8.61E-06	70YrCance	8.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1867	ALL		484125	3718475	6.07E-06	70YrCance	6.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1868	ALL		484175	3718475	3.94E-06	70YrCance	3.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1869	ALL		484225	3718475	3.51E-06	70YrCance	3.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1870	ALL		484275	3718475	3.11E-06	70YrCance	3.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1871	ALL		484325	3718475	3.23E-06	70YrCance	3.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1872	ALL		484375	3718475	3.59E-06	70YrCance	3.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1873	ALL		484425	3718475	3.43E-06	70YrCance	3.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1874	ALL		484475	3718475	2.81E-06	70YrCance	2.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1875	ALL		484525	3718475	2.63E-06	70YrCance	2.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1876	ALL		484575	3718475	2.58E-06	70YrCance	2.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1877	ALL		484625	3718475	2.36E-06	70YrCance	2.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1878	ALL		484675	3718475	1.99E-06	70YrCance	1.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1879	ALL		484725	3718475	1.86E-06	70YrCance	1.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1880	ALL		484775	3718475	1.75E-06	70YrCance	1.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1881	ALL		484825	3718475	1.86E-06	70YrCance	1.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1882	ALL		484875	3718475	1.93E-06	70YrCance	1.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1883	ALL		484925	3718475	1.88E-06	70YrCance	1.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1884	ALL		484975	3718475	1.71E-06	70YrCance	1.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1885	ALL		485025	3718475	1.49E-06	70YrCance	1.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1886	ALL		485075	3718475	1.25E-06	70YrCance	1.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1887	ALL		485125	3718475	1.14E-06	70YrCance	1.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1888	ALL		485175	3718475	1.06E-06	70YrCance	1.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1889	ALL		485225	3718475	9.98E-07	70YrCance	9.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1890	ALL		485275	3718475	9.41E-07	70YrCance	9.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:52:25 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmit70yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
1891	ALL		485325	3718475	8.99E-07	70YrCance	8.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1892	ALL		485375	3718475	8.62E-07	70YrCance	8.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1893	ALL		485425	3718475	8.15E-07	70YrCance	8.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1894	ALL		485475	3718475	7.67E-07	70YrCance	7.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1895	ALL		482925	3718525	1.80E-06	70YrCance	1.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1896	ALL		482975	3718525	1.87E-06	70YrCance	1.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1897	ALL		483025	3718525	1.87E-06	70YrCance	1.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1898	ALL		483075	3718525	1.87E-06	70YrCance	1.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1899	ALL		483125	3718525	1.95E-06	70YrCance	1.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1900	ALL		483175	3718525	2.02E-06	70YrCance	2.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1901	ALL		483225	3718525	2.11E-06	70YrCance	2.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1902	ALL		483275	3718525	2.31E-06	70YrCance	2.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1903	ALL		483325	3718525	2.49E-06	70YrCance	2.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1904	ALL		483375	3718525	2.65E-06	70YrCance	2.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1905	ALL		483425	3718525	2.73E-06	70YrCance	2.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1906	ALL		483475	3718525	2.54E-06	70YrCance	2.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1907	ALL		483525	3718525	2.64E-06	70YrCance	2.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1908	ALL		483575	3718525	3.29E-06	70YrCance	3.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1909	ALL		483625	3718525	3.09E-06	70YrCance	3.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1910	ALL		483675	3718525	2.36E-06	70YrCance	2.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1911	ALL		483725	3718525	1.95E-06	70YrCance	1.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1912	ALL		483775	3718525	2.22E-06	70YrCance	2.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1913	ALL		483825	3718525	2.35E-06	70YrCance	2.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1914	ALL		483875	3718525	2.56E-06	70YrCance	2.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1915	ALL		483925	3718525	2.65E-06	70YrCance	2.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1916	ALL		483975	3718525	2.96E-06	70YrCance	2.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1917	ALL		484025	3718525	3.62E-06	70YrCance	3.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1918	ALL		484075	3718525	7.47E-06	70YrCance	7.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1919	ALL		484125	3718525	6.08E-06	70YrCance	6.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1920	ALL		484175	3718525	3.71E-06	70YrCance	3.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1921	ALL		484225	3718525	3.21E-06	70YrCance	3.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1922	ALL		484275	3718525	2.86E-06	70YrCance	2.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1923	ALL		484325	3718525	2.83E-06	70YrCance	2.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1924	ALL		484375	3718525	3.16E-06	70YrCance	3.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1925	ALL		484425	3718525	3.12E-06	70YrCance	3.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1926	ALL		484475	3718525	2.66E-06	70YrCance	2.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1927	ALL		484525	3718525	2.33E-06	70YrCance	2.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1928	ALL		484575	3718525	2.32E-06	70YrCance	2.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1929	ALL		484625	3718525	2.22E-06	70YrCance	2.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1930	ALL		484675	3718525	1.96E-06	70YrCance	1.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1931	ALL		484725	3718525	1.75E-06	70YrCance	1.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1932	ALL		484775	3718525	1.64E-06	70YrCance	1.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1933	ALL		484825	3718525	1.56E-06	70YrCance	1.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1934	ALL		484875	3718525	1.63E-06	70YrCance	1.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1935	ALL		484925	3718525	1.70E-06	70YrCance	1.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:52:25 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmit70yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
1936	ALL		484975	3718525	1.66E-06	70YrCance	1.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1937	ALL		485025	3718525	1.52E-06	70YrCance	1.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1938	ALL		485075	3718525	1.34E-06	70YrCance	1.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1939	ALL		485125	3718525	1.14E-06	70YrCance	1.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1940	ALL		485175	3718525	1.02E-06	70YrCance	1.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1941	ALL		485225	3718525	9.67E-07	70YrCance	9.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1942	ALL		485275	3718525	9.18E-07	70YrCance	9.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1943	ALL		485325	3718525	8.78E-07	70YrCance	8.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1944	ALL		485375	3718525	8.38E-07	70YrCance	8.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1945	ALL		485425	3718525	7.96E-07	70YrCance	7.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1946	ALL		485475	3718525	7.50E-07	70YrCance	7.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1947	ALL		482925	3718575	1.77E-06	70YrCance	1.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1948	ALL		482975	3718575	1.86E-06	70YrCance	1.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1949	ALL		483025	3718575	1.95E-06	70YrCance	1.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1950	ALL		483075	3718575	1.93E-06	70YrCance	1.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1951	ALL		483125	3718575	1.94E-06	70YrCance	1.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1952	ALL		483175	3718575	1.99E-06	70YrCance	1.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1953	ALL		483225	3718575	2.10E-06	70YrCance	2.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1954	ALL		483275	3718575	2.15E-06	70YrCance	2.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1955	ALL		483325	3718575	2.27E-06	70YrCance	2.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1956	ALL		483375	3718575	2.47E-06	70YrCance	2.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1957	ALL		483425	3718575	2.77E-06	70YrCance	2.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1958	ALL		483475	3718575	2.73E-06	70YrCance	2.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1959	ALL		483525	3718575	2.79E-06	70YrCance	2.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1960	ALL		483575	3718575	2.97E-06	70YrCance	2.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1961	ALL		483625	3718575	2.90E-06	70YrCance	2.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1962	ALL		483675	3718575	2.80E-06	70YrCance	2.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1963	ALL		483725	3718575	1.97E-06	70YrCance	1.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1964	ALL		483775	3718575	2.12E-06	70YrCance	2.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1965	ALL		483825	3718575	2.25E-06	70YrCance	2.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1966	ALL		483875	3718575	2.29E-06	70YrCance	2.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1967	ALL		483925	3718575	2.47E-06	70YrCance	2.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1968	ALL		483975	3718575	2.77E-06	70YrCance	2.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1969	ALL		484025	3718575	3.38E-06	70YrCance	3.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1970	ALL		484075	3718575	6.58E-06	70YrCance	6.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1971	ALL		484125	3718575	6.27E-06	70YrCance	6.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1972	ALL		484175	3718575	3.53E-06	70YrCance	3.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1973	ALL		484225	3718575	2.97E-06	70YrCance	2.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1974	ALL		484275	3718575	2.65E-06	70YrCance	2.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1975	ALL		484325	3718575	2.52E-06	70YrCance	2.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1976	ALL		484375	3718575	2.81E-06	70YrCance	2.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1977	ALL		484425	3718575	2.83E-06	70YrCance	2.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1978	ALL		484475	3718575	2.51E-06	70YrCance	2.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1979	ALL		484525	3718575	2.11E-06	70YrCance	2.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1980	ALL		484575	3718575	2.09E-06	70YrCance	2.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:52:25 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmit70yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
1981	ALL		484625	3718575	2.04E-06	70YrCance	2.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1982	ALL		484675	3718575	1.90E-06	70YrCance	1.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1983	ALL		484725	3718575	1.63E-06	70YrCance	1.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1984	ALL		484775	3718575	1.55E-06	70YrCance	1.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1985	ALL		484825	3718575	1.46E-06	70YrCance	1.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1986	ALL		484875	3718575	1.41E-06	70YrCance	1.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1987	ALL		484925	3718575	1.45E-06	70YrCance	1.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1988	ALL		484975	3718575	1.51E-06	70YrCance	1.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1989	ALL		485025	3718575	1.48E-06	70YrCance	1.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1990	ALL		485075	3718575	1.38E-06	70YrCance	1.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1991	ALL		485125	3718575	1.23E-06	70YrCance	1.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1992	ALL		485175	3718575	1.06E-06	70YrCance	1.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1993	ALL		485225	3718575	9.42E-07	70YrCance	9.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1994	ALL		485275	3718575	8.91E-07	70YrCance	8.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1995	ALL		485325	3718575	8.51E-07	70YrCance	8.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1996	ALL		485375	3718575	8.16E-07	70YrCance	8.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1997	ALL		485425	3718575	7.79E-07	70YrCance	7.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1998	ALL		485475	3718575	7.35E-07	70YrCance	7.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1999	ALL		482925	3718625	1.66E-06	70YrCance	1.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2000	ALL		482975	3718625	1.77E-06	70YrCance	1.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2001	ALL		483025	3718625	1.88E-06	70YrCance	1.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2002	ALL		483075	3718625	1.93E-06	70YrCance	1.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2003	ALL		483125	3718625	1.90E-06	70YrCance	1.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2004	ALL		483175	3718625	1.93E-06	70YrCance	1.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2005	ALL		483225	3718625	2.05E-06	70YrCance	2.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2006	ALL		483275	3718625	2.17E-06	70YrCance	2.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2007	ALL		483325	3718625	2.29E-06	70YrCance	2.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2008	ALL		483375	3718625	2.33E-06	70YrCance	2.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2009	ALL		483425	3718625	2.61E-06	70YrCance	2.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2010	ALL		483475	3718625	2.84E-06	70YrCance	2.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2011	ALL		483525	3718625	3.00E-06	70YrCance	3.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2012	ALL		483575	3718625	3.05E-06	70YrCance	3.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2013	ALL		483625	3718625	2.75E-06	70YrCance	2.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2014	ALL		483675	3718625	2.39E-06	70YrCance	2.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2015	ALL		483725	3718625	2.39E-06	70YrCance	2.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2016	ALL		483775	3718625	2.19E-06	70YrCance	2.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2017	ALL		483825	3718625	2.06E-06	70YrCance	2.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2018	ALL		483875	3718625	2.14E-06	70YrCance	2.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2019	ALL		483925	3718625	2.32E-06	70YrCance	2.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2020	ALL		483975	3718625	2.60E-06	70YrCance	2.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2021	ALL		484025	3718625	3.16E-06	70YrCance	3.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2022	ALL		484075	3718625	5.90E-06	70YrCance	5.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2023	ALL		484125	3718625	6.60E-06	70YrCance	6.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2024	ALL		484175	3718625	3.38E-06	70YrCance	3.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2025	ALL		484225	3718625	2.77E-06	70YrCance	2.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

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REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
2026	ALL		484275	3718625	2.49E-06	70YrCance	2.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2027	ALL		484325	3718625	2.30E-06	70YrCance	2.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2028	ALL		484375	3718625	2.51E-06	70YrCance	2.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2029	ALL		484425	3718625	2.58E-06	70YrCance	2.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2030	ALL		484475	3718625	2.36E-06	70YrCance	2.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2031	ALL		484525	3718625	1.96E-06	70YrCance	1.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2032	ALL		484575	3718625	1.87E-06	70YrCance	1.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2033	ALL		484625	3718625	1.87E-06	70YrCance	1.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2034	ALL		484675	3718625	1.79E-06	70YrCance	1.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2035	ALL		484725	3718625	1.62E-06	70YrCance	1.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2036	ALL		484775	3718625	1.46E-06	70YrCance	1.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2037	ALL		484825	3718625	1.39E-06	70YrCance	1.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2038	ALL		484875	3718625	1.33E-06	70YrCance	1.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2039	ALL		484925	3718625	1.26E-06	70YrCance	1.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2040	ALL		484975	3718625	1.30E-06	70YrCance	1.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2041	ALL		485025	3718625	1.34E-06	70YrCance	1.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2042	ALL		485075	3718625	1.33E-06	70YrCance	1.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2043	ALL		485125	3718625	1.25E-06	70YrCance	1.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2044	ALL		485175	3718625	1.12E-06	70YrCance	1.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2045	ALL		485225	3718625	9.81E-07	70YrCance	9.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2046	ALL		485275	3718625	8.69E-07	70YrCance	8.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2047	ALL		485325	3718625	8.28E-07	70YrCance	8.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2048	ALL		485375	3718625	7.91E-07	70YrCance	7.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2049	ALL		485425	3718625	7.61E-07	70YrCance	7.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2050	ALL		485475	3718625	7.28E-07	70YrCance	7.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2051	ALL		482925	3718675	1.57E-06	70YrCance	1.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2052	ALL		482975	3718675	1.70E-06	70YrCance	1.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2053	ALL		483025	3718675	1.85E-06	70YrCance	1.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2054	ALL		483075	3718675	1.94E-06	70YrCance	1.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2055	ALL		483125	3718675	1.89E-06	70YrCance	1.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2056	ALL		483175	3718675	1.90E-06	70YrCance	1.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2057	ALL		483225	3718675	2.00E-06	70YrCance	2.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2058	ALL		483275	3718675	2.12E-06	70YrCance	2.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2059	ALL		483325	3718675	2.27E-06	70YrCance	2.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2060	ALL		483375	3718675	2.32E-06	70YrCance	2.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2061	ALL		483425	3718675	2.42E-06	70YrCance	2.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2062	ALL		483475	3718675	2.57E-06	70YrCance	2.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2063	ALL		483525	3718675	2.83E-06	70YrCance	2.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2064	ALL		483575	3718675	3.05E-06	70YrCance	3.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2065	ALL		483625	3718675	2.88E-06	70YrCance	2.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2066	ALL		483675	3718675	2.72E-06	70YrCance	2.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2067	ALL		483725	3718675	2.49E-06	70YrCance	2.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2068	ALL		483775	3718675	1.97E-06	70YrCance	1.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2069	ALL		483825	3718675	1.91E-06	70YrCance	1.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2070	ALL		483875	3718675	2.02E-06	70YrCance	2.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:52:25 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmit70yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
2071	ALL		483925	3718675	2.19E-06	70YrCance	2.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2072	ALL		483975	3718675	2.44E-06	70YrCance	2.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2073	ALL		484025	3718675	2.96E-06	70YrCance	2.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2074	ALL		484075	3718675	5.33E-06	70YrCance	5.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2075	ALL		484125	3718675	7.03E-06	70YrCance	7.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2076	ALL		484175	3718675	3.26E-06	70YrCance	3.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2077	ALL		484225	3718675	2.61E-06	70YrCance	2.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2078	ALL		484275	3718675	2.34E-06	70YrCance	2.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2079	ALL		484325	3718675	2.15E-06	70YrCance	2.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2080	ALL		484375	3718675	2.26E-06	70YrCance	2.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2081	ALL		484425	3718675	2.35E-06	70YrCance	2.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2082	ALL		484475	3718675	2.21E-06	70YrCance	2.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2083	ALL		484525	3718675	1.89E-06	70YrCance	1.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2084	ALL		484575	3718675	1.69E-06	70YrCance	1.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2085	ALL		484625	3718675	1.71E-06	70YrCance	1.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2086	ALL		484675	3718675	1.66E-06	70YrCance	1.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2087	ALL		484725	3718675	1.56E-06	70YrCance	1.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2088	ALL		484775	3718675	1.38E-06	70YrCance	1.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2089	ALL		484825	3718675	1.31E-06	70YrCance	1.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2090	ALL		484875	3718675	1.25E-06	70YrCance	1.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2091	ALL		484925	3718675	1.18E-06	70YrCance	1.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2092	ALL		484975	3718675	1.14E-06	70YrCance	1.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2093	ALL		485025	3718675	1.17E-06	70YrCance	1.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2094	ALL		485075	3718675	1.22E-06	70YrCance	1.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2095	ALL		485125	3718675	1.20E-06	70YrCance	1.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2096	ALL		485175	3718675	1.13E-06	70YrCance	1.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2097	ALL		485225	3718675	1.04E-06	70YrCance	1.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2098	ALL		485275	3718675	9.17E-07	70YrCance	9.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2099	ALL		485325	3718675	8.10E-07	70YrCance	8.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2100	ALL		485375	3718675	7.73E-07	70YrCance	7.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2101	ALL		485425	3718675	7.40E-07	70YrCance	7.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2102	ALL		485475	3718675	7.11E-07	70YrCance	7.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2103	ALL		482925	3718725	1.65E-06	70YrCance	1.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2104	ALL		482975	3718725	1.72E-06	70YrCance	1.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2105	ALL		483025	3718725	1.79E-06	70YrCance	1.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2106	ALL		483075	3718725	1.90E-06	70YrCance	1.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2107	ALL		483125	3718725	1.94E-06	70YrCance	1.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2108	ALL		483175	3718725	1.97E-06	70YrCance	1.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2109	ALL		483225	3718725	1.95E-06	70YrCance	1.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2110	ALL		483275	3718725	2.06E-06	70YrCance	2.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2111	ALL		483325	3718725	2.21E-06	70YrCance	2.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2112	ALL		483375	3718725	2.35E-06	70YrCance	2.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2113	ALL		483425	3718725	2.43E-06	70YrCance	2.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2114	ALL		483475	3718725	2.47E-06	70YrCance	2.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2115	ALL		483525	3718725	2.67E-06	70YrCance	2.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:52:25 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmit70yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
2116	ALL		483575	3718725	2.96E-06	70YrCance	2.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2117	ALL		483625	3718725	3.11E-06	70YrCance	3.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2118	ALL		483675	3718725	2.91E-06	70YrCance	2.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2119	ALL		483725	3718725	2.58E-06	70YrCance	2.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2120	ALL		483775	3718725	2.34E-06	70YrCance	2.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2121	ALL		483825	3718725	2.30E-06	70YrCance	2.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2122	ALL		483875	3718725	1.92E-06	70YrCance	1.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2123	ALL		483925	3718725	2.26E-06	70YrCance	2.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2124	ALL		483975	3718725	2.47E-06	70YrCance	2.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2125	ALL		484025	3718725	2.81E-06	70YrCance	2.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2126	ALL		484075	3718725	4.87E-06	70YrCance	4.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2127	ALL		484125	3718725	7.57E-06	70YrCance	7.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2128	ALL		484175	3718725	3.16E-06	70YrCance	3.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2129	ALL		484225	3718725	2.47E-06	70YrCance	2.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2130	ALL		484275	3718725	2.22E-06	70YrCance	2.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2131	ALL		484325	3718725	2.03E-06	70YrCance	2.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2132	ALL		484375	3718725	2.05E-06	70YrCance	2.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2133	ALL		484425	3718725	2.15E-06	70YrCance	2.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2134	ALL		484475	3718725	2.07E-06	70YrCance	2.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2135	ALL		484525	3718725	1.82E-06	70YrCance	1.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2136	ALL		484575	3718725	1.57E-06	70YrCance	1.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2137	ALL		484625	3718725	1.55E-06	70YrCance	1.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2138	ALL		484675	3718725	1.54E-06	70YrCance	1.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2139	ALL		484725	3718725	1.48E-06	70YrCance	1.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2140	ALL		484775	3718725	1.36E-06	70YrCance	1.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2141	ALL		484825	3718725	1.24E-06	70YrCance	1.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2142	ALL		484875	3718725	1.18E-06	70YrCance	1.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2143	ALL		484925	3718725	1.12E-06	70YrCance	1.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2144	ALL		484975	3718725	1.08E-06	70YrCance	1.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2145	ALL		485025	3718725	1.05E-06	70YrCance	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2146	ALL		485075	3718725	1.06E-06	70YrCance	1.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2147	ALL		485125	3718725	1.10E-06	70YrCance	1.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2148	ALL		485175	3718725	1.09E-06	70YrCance	1.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2149	ALL		485225	3718725	1.04E-06	70YrCance	1.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2150	ALL		485275	3718725	9.59E-07	70YrCance	9.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2151	ALL		485325	3718725	8.58E-07	70YrCance	8.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2152	ALL		485375	3718725	7.51E-07	70YrCance	7.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2153	ALL		485425	3718725	7.17E-07	70YrCance	7.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2154	ALL		485475	3718725	6.78E-07	70YrCance	6.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2155	ALL		482925	3718775	1.67E-06	70YrCance	1.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2156	ALL		482975	3718775	1.71E-06	70YrCance	1.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2157	ALL		483025	3718775	1.74E-06	70YrCance	1.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2158	ALL		483075	3718775	1.87E-06	70YrCance	1.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2159	ALL		483125	3718775	1.91E-06	70YrCance	1.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2160	ALL		483175	3718775	1.92E-06	70YrCance	1.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:52:25 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmit70yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
2161	ALL		483225	3718775	1.92E-06	70YrCance	1.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2162	ALL		483275	3718775	2.01E-06	70YrCance	2.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2163	ALL		483325	3718775	2.18E-06	70YrCance	2.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2164	ALL		483375	3718775	2.34E-06	70YrCance	2.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2165	ALL		483425	3718775	2.41E-06	70YrCance	2.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2166	ALL		483475	3718775	2.42E-06	70YrCance	2.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2167	ALL		483525	3718775	2.53E-06	70YrCance	2.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2168	ALL		483575	3718775	2.64E-06	70YrCance	2.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2169	ALL		483625	3718775	2.78E-06	70YrCance	2.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2170	ALL		483675	3718775	3.13E-06	70YrCance	3.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2171	ALL		483725	3718775	2.96E-06	70YrCance	2.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2172	ALL		483775	3718775	2.61E-06	70YrCance	2.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2173	ALL		483825	3718775	2.38E-06	70YrCance	2.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2174	ALL		483875	3718775	2.00E-06	70YrCance	2.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2175	ALL		483925	3718775	2.11E-06	70YrCance	2.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2176	ALL		483975	3718775	2.50E-06	70YrCance	2.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2177	ALL		484025	3718775	2.83E-06	70YrCance	2.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2178	ALL		484075	3718775	4.51E-06	70YrCance	4.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2179	ALL		484125	3718775	8.41E-06	70YrCance	8.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2180	ALL		484175	3718775	3.07E-06	70YrCance	3.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2181	ALL		484225	3718775	2.37E-06	70YrCance	2.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2182	ALL		484275	3718775	2.11E-06	70YrCance	2.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2183	ALL		484325	3718775	1.92E-06	70YrCance	1.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2184	ALL		484375	3718775	1.87E-06	70YrCance	1.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2185	ALL		484425	3718775	1.97E-06	70YrCance	1.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2186	ALL		484475	3718775	1.93E-06	70YrCance	1.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2187	ALL		484525	3718775	1.74E-06	70YrCance	1.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2188	ALL		484575	3718775	1.48E-06	70YrCance	1.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2189	ALL		484625	3718775	1.41E-06	70YrCance	1.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2190	ALL		484675	3718775	1.42E-06	70YrCance	1.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2191	ALL		484725	3718775	1.38E-06	70YrCance	1.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2192	ALL		484775	3718775	1.31E-06	70YrCance	1.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2193	ALL		484825	3718775	1.18E-06	70YrCance	1.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2194	ALL		484875	3718775	1.12E-06	70YrCance	1.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2195	ALL		484925	3718775	1.07E-06	70YrCance	1.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2196	ALL		484975	3718775	1.02E-06	70YrCance	1.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2197	ALL		485025	3718775	9.85E-07	70YrCance	9.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2198	ALL		485075	3718775	9.60E-07	70YrCance	9.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2199	ALL		485125	3718775	9.69E-07	70YrCance	9.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2200	ALL		485175	3718775	1.00E-06	70YrCance	1.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2201	ALL		485225	3718775	9.91E-07	70YrCance	9.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2202	ALL		485275	3718775	9.60E-07	70YrCance	9.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2203	ALL		485325	3718775	8.93E-07	70YrCance	8.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2204	ALL		485375	3718775	8.02E-07	70YrCance	8.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2205	ALL		485425	3718775	7.04E-07	70YrCance	7.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:52:25 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmit70yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
2206	ALL		485475	3718775	6.63E-07	70YrCance	6.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2207	ALL		482925	3718825	1.65E-06	70YrCance	1.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2208	ALL		482975	3718825	1.72E-06	70YrCance	1.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2209	ALL		483025	3718825	1.80E-06	70YrCance	1.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2210	ALL		483075	3718825	1.85E-06	70YrCance	1.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2211	ALL		483125	3718825	1.89E-06	70YrCance	1.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2212	ALL		483175	3718825	1.84E-06	70YrCance	1.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2213	ALL		483225	3718825	1.88E-06	70YrCance	1.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2214	ALL		483275	3718825	1.97E-06	70YrCance	1.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2215	ALL		483325	3718825	2.11E-06	70YrCance	2.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2216	ALL		483375	3718825	2.26E-06	70YrCance	2.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2217	ALL		483425	3718825	2.36E-06	70YrCance	2.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2218	ALL		483475	3718825	2.41E-06	70YrCance	2.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2219	ALL		483525	3718825	2.51E-06	70YrCance	2.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2220	ALL		483575	3718825	2.67E-06	70YrCance	2.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2221	ALL		483625	3718825	2.68E-06	70YrCance	2.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2222	ALL		483675	3718825	2.77E-06	70YrCance	2.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2223	ALL		483725	3718825	3.11E-06	70YrCance	3.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2224	ALL		483775	3718825	2.81E-06	70YrCance	2.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2225	ALL		483825	3718825	2.30E-06	70YrCance	2.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2226	ALL		483875	3718825	2.55E-06	70YrCance	2.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2227	ALL		483925	3718825	2.72E-06	70YrCance	2.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2228	ALL		483975	3718825	2.63E-06	70YrCance	2.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2229	ALL		484025	3718825	2.71E-06	70YrCance	2.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2230	ALL		484075	3718825	4.18E-06	70YrCance	4.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2231	ALL		484125	3718825	9.33E-06	70YrCance	9.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2232	ALL		484175	3718825	3.02E-06	70YrCance	3.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2233	ALL		484225	3718825	2.28E-06	70YrCance	2.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2234	ALL		484275	3718825	2.01E-06	70YrCance	2.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2235	ALL		484325	3718825	1.82E-06	70YrCance	1.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2236	ALL		484375	3718825	1.72E-06	70YrCance	1.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2237	ALL		484425	3718825	1.81E-06	70YrCance	1.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2238	ALL		484475	3718825	1.80E-06	70YrCance	1.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2239	ALL		484525	3718825	1.65E-06	70YrCance	1.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2240	ALL		484575	3718825	1.42E-06	70YrCance	1.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2241	ALL		484625	3718825	1.33E-06	70YrCance	1.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2242	ALL		484675	3718825	1.31E-06	70YrCance	1.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2243	ALL		484725	3718825	1.29E-06	70YrCance	1.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2244	ALL		484775	3718825	1.24E-06	70YrCance	1.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2245	ALL		484825	3718825	1.15E-06	70YrCance	1.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2246	ALL		484875	3718825	1.06E-06	70YrCance	1.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2247	ALL		484925	3718825	1.02E-06	70YrCance	1.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2248	ALL		484975	3718825	9.71E-07	70YrCance	9.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2249	ALL		485025	3718825	9.27E-07	70YrCance	9.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2250	ALL		485075	3718825	8.88E-07	70YrCance	8.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:52:25 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmit70yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
2251	ALL		485125	3718825	8.71E-07	70YrCance	8.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2252	ALL		485175	3718825	8.72E-07	70YrCance	8.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2253	ALL		485225	3718825	9.04E-07	70YrCance	9.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2254	ALL		485275	3718825	9.15E-07	70YrCance	9.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2255	ALL		485325	3718825	8.87E-07	70YrCance	8.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2256	ALL		485375	3718825	8.33E-07	70YrCance	8.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2257	ALL		485425	3718825	7.55E-07	70YrCance	7.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2258	ALL		485475	3718825	6.65E-07	70YrCance	6.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2259	ALL		482925	3718875	1.64E-06	70YrCance	1.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2260	ALL		482975	3718875	1.72E-06	70YrCance	1.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2261	ALL		483025	3718875	1.76E-06	70YrCance	1.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2262	ALL		483075	3718875	1.82E-06	70YrCance	1.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2263	ALL		483125	3718875	1.88E-06	70YrCance	1.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2264	ALL		483175	3718875	1.88E-06	70YrCance	1.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2265	ALL		483225	3718875	1.87E-06	70YrCance	1.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2266	ALL		483275	3718875	1.92E-06	70YrCance	1.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2267	ALL		483325	3718875	2.03E-06	70YrCance	2.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2268	ALL		483375	3718875	2.14E-06	70YrCance	2.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2269	ALL		483425	3718875	2.28E-06	70YrCance	2.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2270	ALL		483475	3718875	2.39E-06	70YrCance	2.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2271	ALL		483525	3718875	2.47E-06	70YrCance	2.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2272	ALL		483575	3718875	2.63E-06	70YrCance	2.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2273	ALL		483625	3718875	2.63E-06	70YrCance	2.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2274	ALL		483675	3718875	2.62E-06	70YrCance	2.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2275	ALL		483725	3718875	2.96E-06	70YrCance	2.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2276	ALL		483775	3718875	2.68E-06	70YrCance	2.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2277	ALL		483825	3718875	2.53E-06	70YrCance	2.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2278	ALL		483875	3718875	2.68E-06	70YrCance	2.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2279	ALL		483925	3718875	2.98E-06	70YrCance	2.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2280	ALL		483975	3718875	2.73E-06	70YrCance	2.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2281	ALL		484025	3718875	2.74E-06	70YrCance	2.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2282	ALL		484075	3718875	3.93E-06	70YrCance	3.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2283	ALL		484125	3718875	1.06E-05	70YrCance	1.06E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2284	ALL		484175	3718875	2.97E-06	70YrCance	2.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2285	ALL		484225	3718875	2.20E-06	70YrCance	2.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2286	ALL		484275	3718875	1.93E-06	70YrCance	1.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2287	ALL		484325	3718875	1.74E-06	70YrCance	1.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2288	ALL		484375	3718875	1.61E-06	70YrCance	1.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2289	ALL		484425	3718875	1.67E-06	70YrCance	1.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2290	ALL		484475	3718875	1.68E-06	70YrCance	1.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2291	ALL		484525	3718875	1.57E-06	70YrCance	1.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2292	ALL		484575	3718875	1.38E-06	70YrCance	1.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2293	ALL		484625	3718875	1.25E-06	70YrCance	1.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2294	ALL		484675	3718875	1.20E-06	70YrCance	1.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2295	ALL		484725	3718875	1.21E-06	70YrCance	1.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:52:25 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmit70yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
2296	ALL		484775	3718875	1.17E-06	70YrCance	1.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2297	ALL		484825	3718875	1.12E-06	70YrCance	1.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2298	ALL		484875	3718875	1.01E-06	70YrCance	1.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2299	ALL		484925	3718875	9.75E-07	70YrCance	9.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2300	ALL		484975	3718875	9.34E-07	70YrCance	9.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2301	ALL		485025	3718875	8.89E-07	70YrCance	8.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2302	ALL		485075	3718875	8.51E-07	70YrCance	8.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2303	ALL		485125	3718875	8.17E-07	70YrCance	8.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2304	ALL		485175	3718875	7.99E-07	70YrCance	7.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2305	ALL		485225	3718875	8.04E-07	70YrCance	8.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2306	ALL		485275	3718875	8.36E-07	70YrCance	8.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2307	ALL		485325	3718875	8.42E-07	70YrCance	8.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2308	ALL		485375	3718875	8.17E-07	70YrCance	8.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2309	ALL		485425	3718875	7.70E-07	70YrCance	7.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2310	ALL		485475	3718875	7.01E-07	70YrCance	7.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2311	ALL		482925	3718925	1.62E-06	70YrCance	1.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2312	ALL		482975	3718925	1.68E-06	70YrCance	1.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2313	ALL		483025	3718925	1.73E-06	70YrCance	1.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2314	ALL		483075	3718925	1.79E-06	70YrCance	1.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2315	ALL		483125	3718925	1.86E-06	70YrCance	1.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2316	ALL		483175	3718925	1.86E-06	70YrCance	1.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2317	ALL		483225	3718925	1.88E-06	70YrCance	1.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2318	ALL		483275	3718925	1.90E-06	70YrCance	1.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2319	ALL		483325	3718925	1.94E-06	70YrCance	1.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2320	ALL		483375	3718925	2.05E-06	70YrCance	2.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2321	ALL		483425	3718925	2.19E-06	70YrCance	2.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2322	ALL		483475	3718925	2.23E-06	70YrCance	2.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2323	ALL		483525	3718925	2.31E-06	70YrCance	2.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2324	ALL		483575	3718925	2.46E-06	70YrCance	2.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2325	ALL		483625	3718925	2.53E-06	70YrCance	2.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2326	ALL		483675	3718925	2.53E-06	70YrCance	2.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2327	ALL		483725	3718925	2.81E-06	70YrCance	2.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2328	ALL		483775	3718925	2.90E-06	70YrCance	2.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2329	ALL		483825	3718925	2.82E-06	70YrCance	2.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2330	ALL		483875	3718925	2.73E-06	70YrCance	2.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2331	ALL		483925	3718925	2.85E-06	70YrCance	2.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2332	ALL		483975	3718925	2.86E-06	70YrCance	2.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2333	ALL		484025	3718925	2.77E-06	70YrCance	2.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2334	ALL		484075	3718925	3.68E-06	70YrCance	3.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2335	ALL		484125	3718925	1.17E-05	70YrCance	1.17E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2336	ALL		484175	3718925	2.93E-06	70YrCance	2.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2337	ALL		484225	3718925	2.15E-06	70YrCance	2.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2338	ALL		484275	3718925	1.86E-06	70YrCance	1.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2339	ALL		484325	3718925	1.67E-06	70YrCance	1.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2340	ALL		484375	3718925	1.55E-06	70YrCance	1.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:52:25 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmit70yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
2341	ALL		484425	3718925	1.55E-06	70YrCance	1.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2342	ALL		484475	3718925	1.57E-06	70YrCance	1.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2343	ALL		484525	3718925	1.49E-06	70YrCance	1.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2344	ALL		484575	3718925	1.33E-06	70YrCance	1.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2345	ALL		484625	3718925	1.19E-06	70YrCance	1.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2346	ALL		484675	3718925	1.14E-06	70YrCance	1.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2347	ALL		484725	3718925	1.12E-06	70YrCance	1.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2348	ALL		484775	3718925	1.11E-06	70YrCance	1.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2349	ALL		484825	3718925	1.06E-06	70YrCance	1.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2350	ALL		484875	3718925	9.96E-07	70YrCance	9.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2351	ALL		484925	3718925	9.32E-07	70YrCance	9.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2352	ALL		484975	3718925	8.97E-07	70YrCance	8.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2353	ALL		485025	3718925	8.50E-07	70YrCance	8.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2354	ALL		485075	3718925	8.17E-07	70YrCance	8.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2355	ALL		485125	3718925	7.95E-07	70YrCance	7.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2356	ALL		485175	3718925	7.84E-07	70YrCance	7.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2357	ALL		485225	3718925	7.60E-07	70YrCance	7.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2358	ALL		485275	3718925	7.40E-07	70YrCance	7.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2359	ALL		485325	3718925	7.69E-07	70YrCance	7.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2360	ALL		485375	3718925	7.74E-07	70YrCance	7.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2361	ALL		485425	3718925	7.55E-07	70YrCance	7.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2362	ALL		485475	3718925	7.14E-07	70YrCance	7.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2363	ALL		482925	3718975	1.59E-06	70YrCance	1.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2364	ALL		482975	3718975	1.65E-06	70YrCance	1.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2365	ALL		483025	3718975	1.68E-06	70YrCance	1.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2366	ALL		483075	3718975	1.74E-06	70YrCance	1.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2367	ALL		483125	3718975	1.80E-06	70YrCance	1.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2368	ALL		483175	3718975	1.86E-06	70YrCance	1.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2369	ALL		483225	3718975	1.89E-06	70YrCance	1.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2370	ALL		483275	3718975	1.88E-06	70YrCance	1.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2371	ALL		483325	3718975	1.93E-06	70YrCance	1.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2372	ALL		483375	3718975	1.98E-06	70YrCance	1.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2373	ALL		483425	3718975	2.07E-06	70YrCance	2.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2374	ALL		483475	3718975	2.13E-06	70YrCance	2.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2375	ALL		483525	3718975	2.19E-06	70YrCance	2.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2376	ALL		483575	3718975	2.31E-06	70YrCance	2.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2377	ALL		483625	3718975	2.44E-06	70YrCance	2.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2378	ALL		483675	3718975	2.42E-06	70YrCance	2.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2379	ALL		483725	3718975	2.48E-06	70YrCance	2.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2380	ALL		483775	3718975	2.65E-06	70YrCance	2.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2381	ALL		483825	3718975	2.84E-06	70YrCance	2.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2382	ALL		483875	3718975	2.86E-06	70YrCance	2.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2383	ALL		483925	3718975	2.57E-06	70YrCance	2.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2384	ALL		483975	3718975	2.35E-06	70YrCance	2.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2385	ALL		484025	3718975	2.57E-06	70YrCance	2.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:52:25 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmit70yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
2386	ALL		484075	3718975	3.68E-06	70YrCance	3.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2387	ALL		484125	3718975	1.15E-05	70YrCance	1.15E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2388	ALL		484175	3718975	2.91E-06	70YrCance	2.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2389	ALL		484225	3718975	2.09E-06	70YrCance	2.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2390	ALL		484275	3718975	1.79E-06	70YrCance	1.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2391	ALL		484325	3718975	1.60E-06	70YrCance	1.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2392	ALL		484375	3718975	1.48E-06	70YrCance	1.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2393	ALL		484425	3718975	1.44E-06	70YrCance	1.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2394	ALL		484475	3718975	1.46E-06	70YrCance	1.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2395	ALL		484525	3718975	1.41E-06	70YrCance	1.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2396	ALL		484575	3718975	1.28E-06	70YrCance	1.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2397	ALL		484625	3718975	1.13E-06	70YrCance	1.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2398	ALL		484675	3718975	1.08E-06	70YrCance	1.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2399	ALL		484725	3718975	1.04E-06	70YrCance	1.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2400	ALL		484775	3718975	1.04E-06	70YrCance	1.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2401	ALL		484825	3718975	1.00E-06	70YrCance	1.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2402	ALL		484875	3718975	9.63E-07	70YrCance	9.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2403	ALL		484925	3718975	8.84E-07	70YrCance	8.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2404	ALL		484975	3718975	8.53E-07	70YrCance	8.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2405	ALL		485025	3718975	8.24E-07	70YrCance	8.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2406	ALL		485075	3718975	7.97E-07	70YrCance	7.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2407	ALL		485125	3718975	7.77E-07	70YrCance	7.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2408	ALL		485175	3718975	7.37E-07	70YrCance	7.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2409	ALL		485225	3718975	7.14E-07	70YrCance	7.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2410	ALL		485275	3718975	6.96E-07	70YrCance	6.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2411	ALL		485325	3718975	6.82E-07	70YrCance	6.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2412	ALL		485375	3718975	7.07E-07	70YrCance	7.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2413	ALL		485425	3718975	7.15E-07	70YrCance	7.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2414	ALL		485475	3718975	7.02E-07	70YrCance	7.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2415	ALL		482925	3719025	1.53E-06	70YrCance	1.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2416	ALL		482975	3719025	1.58E-06	70YrCance	1.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2417	ALL		483025	3719025	1.60E-06	70YrCance	1.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2418	ALL		483075	3719025	1.65E-06	70YrCance	1.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2419	ALL		483125	3719025	1.72E-06	70YrCance	1.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2420	ALL		483175	3719025	1.79E-06	70YrCance	1.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2421	ALL		483225	3719025	1.85E-06	70YrCance	1.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2422	ALL		483275	3719025	1.86E-06	70YrCance	1.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2423	ALL		483325	3719025	1.91E-06	70YrCance	1.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2424	ALL		483375	3719025	1.94E-06	70YrCance	1.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2425	ALL		483425	3719025	2.01E-06	70YrCance	2.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2426	ALL		483475	3719025	2.07E-06	70YrCance	2.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2427	ALL		483525	3719025	2.12E-06	70YrCance	2.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2428	ALL		483575	3719025	2.18E-06	70YrCance	2.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2429	ALL		483625	3719025	2.32E-06	70YrCance	2.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2430	ALL		483675	3719025	2.39E-06	70YrCance	2.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:52:25 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmit70yrCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
2431	ALL		483725	3719025	2.41E-06	70YrCance	2.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2432	ALL		483775	3719025	2.42E-06	70YrCance	2.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2433	ALL		483825	3719025	2.48E-06	70YrCance	2.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2434	ALL		483875	3719025	2.74E-06	70YrCance	2.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2435	ALL		483925	3719025	2.68E-06	70YrCance	2.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2436	ALL		483975	3719025	2.44E-06	70YrCance	2.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2437	ALL		484025	3719025	2.46E-06	70YrCance	2.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2438	ALL		484075	3719025	3.34E-06	70YrCance	3.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2439	ALL		484125	3719025	1.13E-05	70YrCance	1.13E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2440	ALL		484175	3719025	2.92E-06	70YrCance	2.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2441	ALL		484225	3719025	2.03E-06	70YrCance	2.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2442	ALL		484275	3719025	1.72E-06	70YrCance	1.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2443	ALL		484325	3719025	1.53E-06	70YrCance	1.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2444	ALL		484375	3719025	1.40E-06	70YrCance	1.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2445	ALL		484425	3719025	1.34E-06	70YrCance	1.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2446	ALL		484475	3719025	1.37E-06	70YrCance	1.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2447	ALL		484525	3719025	1.33E-06	70YrCance	1.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2448	ALL		484575	3719025	1.23E-06	70YrCance	1.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2449	ALL		484625	3719025	1.07E-06	70YrCance	1.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2450	ALL		484675	3719025	1.03E-06	70YrCance	1.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2451	ALL		484725	3719025	9.94E-07	70YrCance	9.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2452	ALL		484775	3719025	9.69E-07	70YrCance	9.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2453	ALL		484825	3719025	9.56E-07	70YrCance	9.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2454	ALL		484875	3719025	9.17E-07	70YrCance	9.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2455	ALL		484925	3719025	8.64E-07	70YrCance	8.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2456	ALL		484975	3719025	8.20E-07	70YrCance	8.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2457	ALL		485025	3719025	7.97E-07	70YrCance	7.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2458	ALL		485075	3719025	7.77E-07	70YrCance	7.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2459	ALL		485125	3719025	7.45E-07	70YrCance	7.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2460	ALL		485175	3719025	7.08E-07	70YrCance	7.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2461	ALL		485225	3719025	6.78E-07	70YrCance	6.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2462	ALL		485275	3719025	6.57E-07	70YrCance	6.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2463	ALL		485325	3719025	6.41E-07	70YrCance	6.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2464	ALL		485375	3719025	6.29E-07	70YrCance	6.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2465	ALL		485425	3719025	6.54E-07	70YrCance	6.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2466	ALL		485475	3719025	6.64E-07	70YrCance	6.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:54:44 PM - Acute Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitAcuteHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1	ALL		482925	3716575	NonCancer	0.00E+00	1.30E-05	3.35E-03	0.00E+00	0.00E+00	3.38E-03	1.53E-03	0.00E+00	2.36E-03	0.00E+00	0.00E+00	3.35E-03	0.00E+00	0.00E+00	3.38E-03
2	ALL		482975	3716575	NonCancer	0.00E+00	1.37E-05	3.54E-03	0.00E+00	0.00E+00	3.57E-03	1.62E-03	0.00E+00	2.49E-03	0.00E+00	0.00E+00	3.54E-03	0.00E+00	0.00E+00	3.57E-03
3	ALL		483025	3716575	NonCancer	0.00E+00	1.49E-05	3.83E-03	0.00E+00	0.00E+00	3.86E-03	1.76E-03	0.00E+00	2.71E-03	0.00E+00	0.00E+00	3.83E-03	0.00E+00	0.00E+00	3.86E-03
4	ALL		483075	3716575	NonCancer	0.00E+00	1.56E-05	4.03E-03	0.00E+00	0.00E+00	4.07E-03	1.84E-03	0.00E+00	2.84E-03	0.00E+00	0.00E+00	4.03E-03	0.00E+00	0.00E+00	4.07E-03
5	ALL		483125	3716575	NonCancer	0.00E+00	1.80E-05	4.58E-03	0.00E+00	0.00E+00	4.62E-03	2.12E-03	0.00E+00	3.26E-03	0.00E+00	0.00E+00	4.58E-03	0.00E+00	0.00E+00	4.62E-03
6	ALL		483175	3716575	NonCancer	0.00E+00	2.42E-05	6.01E-03	0.00E+00	0.00E+00	6.07E-03	2.85E-03	0.00E+00	4.40E-03	0.00E+00	0.00E+00	6.01E-03	0.00E+00	0.00E+00	6.07E-03
7	ALL		483225	3716575	NonCancer	0.00E+00	4.09E-05	9.89E-03	0.00E+00	0.00E+00	9.98E-03	4.81E-03	0.00E+00	7.42E-03	0.00E+00	0.00E+00	9.89E-03	0.00E+00	0.00E+00	9.98E-03
8	ALL		483275	3716575	NonCancer	0.00E+00	6.00E-05	1.43E-02	0.00E+00	0.00E+00	1.45E-02	7.07E-03	0.00E+00	1.09E-02	0.00E+00	0.00E+00	1.43E-02	0.00E+00	0.00E+00	1.45E-02
9	ALL		483325	3716575	NonCancer	0.00E+00	2.27E-05	5.65E-03	0.00E+00	0.00E+00	5.71E-03	2.67E-03	0.00E+00	4.11E-03	0.00E+00	0.00E+00	5.65E-03	0.00E+00	0.00E+00	5.71E-03
10	ALL		483375	3716575	NonCancer	0.00E+00	1.82E-05	4.62E-03	0.00E+00	0.00E+00	4.66E-03	2.15E-03	0.00E+00	3.31E-03	0.00E+00	0.00E+00	4.62E-03	0.00E+00	0.00E+00	4.66E-03
11	ALL		483425	3716575	NonCancer	0.00E+00	1.58E-05	4.07E-03	0.00E+00	0.00E+00	4.11E-03	1.86E-03	0.00E+00	2.87E-03	0.00E+00	0.00E+00	4.07E-03	0.00E+00	0.00E+00	4.11E-03
12	ALL		483475	3716575	NonCancer	0.00E+00	1.65E-05	4.25E-03	0.00E+00	0.00E+00	4.29E-03	1.95E-03	0.00E+00	3.00E-03	0.00E+00	0.00E+00	4.25E-03	0.00E+00	0.00E+00	4.29E-03
13	ALL		483525	3716575	NonCancer	0.00E+00	1.60E-05	4.16E-03	0.00E+00	0.00E+00	4.20E-03	1.88E-03	0.00E+00	2.90E-03	0.00E+00	0.00E+00	4.16E-03	0.00E+00	0.00E+00	4.20E-03
14	ALL		483575	3716575	NonCancer	0.00E+00	1.53E-05	4.00E-03	0.00E+00	0.00E+00	4.04E-03	1.80E-03	0.00E+00	2.77E-03	0.00E+00	0.00E+00	4.00E-03	0.00E+00	0.00E+00	4.04E-03
15	ALL		483625	3716575	NonCancer	0.00E+00	1.49E-05	3.90E-03	0.00E+00	0.00E+00	3.93E-03	1.75E-03	0.00E+00	2.70E-03	0.00E+00	0.00E+00	3.90E-03	0.00E+00	0.00E+00	3.93E-03
16	ALL		483675	3716575	NonCancer	0.00E+00	1.47E-05	3.87E-03	0.00E+00	0.00E+00	3.90E-03	1.73E-03	0.00E+00	2.67E-03	0.00E+00	0.00E+00	3.87E-03	0.00E+00	0.00E+00	3.90E-03
17	ALL		483725	3716575	NonCancer	0.00E+00	1.47E-05	3.87E-03	0.00E+00	0.00E+00	3.91E-03	1.74E-03	0.00E+00	2.68E-03	0.00E+00	0.00E+00	3.87E-03	0.00E+00	0.00E+00	3.91E-03
18	ALL		483775	3716575	NonCancer	0.00E+00	1.46E-05	3.87E-03	0.00E+00	0.00E+00	3.90E-03	1.72E-03	0.00E+00	2.66E-03	0.00E+00	0.00E+00	3.87E-03	0.00E+00	0.00E+00	3.90E-03
19	ALL		483825	3716575	NonCancer	0.00E+00	1.45E-05	3.85E-03	0.00E+00	0.00E+00	3.88E-03	1.71E-03	0.00E+00	2.63E-03	0.00E+00	0.00E+00	3.85E-03	0.00E+00	0.00E+00	3.88E-03
20	ALL		483875	3716575	NonCancer	0.00E+00	1.45E-05	3.85E-03	0.00E+00	0.00E+00	3.88E-03	1.71E-03	0.00E+00	2.63E-03	0.00E+00	0.00E+00	3.85E-03	0.00E+00	0.00E+00	3.88E-03
21	ALL		483925	3716575	NonCancer	0.00E+00	1.46E-05	3.88E-03	0.00E+00	0.00E+00	3.92E-03	1.72E-03	0.00E+00	2.65E-03	0.00E+00	0.00E+00	3.88E-03	0.00E+00	0.00E+00	3.92E-03
22	ALL		483975	3716575	NonCancer	0.00E+00	1.46E-05	3.89E-03	0.00E+00	0.00E+00	3.92E-03	1.71E-03	0.00E+00	2.64E-03	0.00E+00	0.00E+00	3.89E-03	0.00E+00	0.00E+00	3.92E-03
23	ALL		484025	3716575	NonCancer	0.00E+00	1.44E-05	3.85E-03	0.00E+00	0.00E+00	3.89E-03	1.70E-03	0.00E+00	2.61E-03	0.00E+00	0.00E+00	3.85E-03	0.00E+00	0.00E+00	3.89E-03
24	ALL		484075	3716575	NonCancer	0.00E+00	1.44E-05	3.85E-03	0.00E+00	0.00E+00	3.88E-03	1.69E-03	0.00E+00	2.61E-03	0.00E+00	0.00E+00	3.85E-03	0.00E+00	0.00E+00	3.88E-03
25	ALL		484125	3716575	NonCancer	0.00E+00	1.41E-05	3.79E-03	0.00E+00	0.00E+00	3.82E-03	1.66E-03	0.00E+00	2.56E-03	0.00E+00	0.00E+00	3.79E-03	0.00E+00	0.00E+00	3.82E-03
26	ALL		484175	3716575	NonCancer	0.00E+00	1.40E-05	3.75E-03	0.00E+00	0.00E+00	3.78E-03	1.64E-03	0.00E+00	2.53E-03	0.00E+00	0.00E+00	3.75E-03	0.00E+00	0.00E+00	3.78E-03
27	ALL		484225	3716575	NonCancer	0.00E+00	1.39E-05	3.74E-03	0.00E+00	0.00E+00	3.77E-03	1.64E-03	0.00E+00	2.52E-03	0.00E+00	0.00E+00	3.74E-03	0.00E+00	0.00E+00	3.77E-03
28	ALL		484275	3716575	NonCancer	0.00E+00	1.39E-05	3.74E-03	0.00E+00	0.00E+00	3.78E-03	1.64E-03	0.00E+00	2.53E-03	0.00E+00	0.00E+00	3.74E-03	0.00E+00	0.00E+00	3.78E-03
29	ALL		484325	3716575	NonCancer	0.00E+00	1.40E-05	3.77E-03	0.00E+00	0.00E+00	3.80E-03	1.65E-03	0.00E+00	2.54E-03	0.00E+00	0.00E+00	3.77E-03	0.00E+00	0.00E+00	3.80E-03
30	ALL		484375	3716575	NonCancer	0.00E+00	1.38E-05	3.73E-03	0.00E+00	0.00E+00	3.77E-03	1.63E-03	0.00E+00	2.51E-03	0.00E+00	0.00E+00	3.73E-03	0.00E+00	0.00E+00	3.77E-03
31	ALL		484425	3716575	NonCancer	0.00E+00	1.37E-05	3.70E-03	0.00E+00	0.00E+00	3.73E-03	1.61E-03	0.00E+00	2.49E-03	0.00E+00	0.00E+00	3.70E-03	0.00E+00	0.00E+00	3.73E-03
32	ALL		484475	3716575	NonCancer	0.00E+00	1.35E-05	3.63E-03	0.00E+00	0.00E+00	3.67E-03	1.59E-03	0.00E+00	2.45E-03	0.00E+00	0.00E+00	3.63E-03	0.00E+00	0.00E+00	3.67E-03
33	ALL		484525	3716575	NonCancer	0.00E+00	1.43E-05	3.84E-03	0.00E+00	0.00E+00	3.87E-03	1.69E-03	0.00E+00	2.60E-03	0.00E+00	0.00E+00	3.84E-03	0.00E+00	0.00E+00	3.87E-03
34	ALL		484575	3716575	NonCancer	0.00E+00	1.48E-05	3.95E-03	0.00E+00	0.00E+00	3.98E-03	1.75E-03	0.00E+00	2.69E-03	0.00E+00	0.00E+00	3.95E-03	0.00E+00	0.00E+00	3.98E-03
35	ALL		484625	3716575	NonCancer	0.00E+00	1.44E-05	3.95E-03	0.00E+00	0.00E+00	3.98E-03	1.70E-03	0.00E+00	2.62E-03	0.00E+00	0.00E+00	3.95E-03	0.00E+00	0.00E+00	3.98E-03
36	ALL		484675	3716575	NonCancer	0.00E+00	1.33E-05	3.76E-03	0.00E+00	0.00E+00	3.79E-03	1.57E-03	0.00E+00	2.42E-03	0.00E+00	0.00E+00	3.76E-03	0.00E+00	0.00E+00	3.79E-03
37	ALL		484725	3716575	NonCancer	0.00E+00	1.31E-05	3.63E-03	0.00E+00	0.00E+00	3.66E-03	1.54E-03	0.00E+00	2.38E-03	0.00E+00	0.00E+00	3.63E-03	0.00E+00	0.00E+00	3.66E-03
38	ALL		484775	3716575	NonCancer	0.00E+00	1.28E-05	3.47E-03	0.00E+00	0.00E+00	3.50E-03	1.51E-03	0.00E+00	2.33E-03	0.00E+00	0.00E+00	3.47E-03	0.00E+00	0.00E+00	3.50E-03
39	ALL		484825	3716575	NonCancer	0.00E+00	1.25E-05	3.38E-03	0.00E+00	0.00E+00	3.41E-03	1.48E-03	0.00E+00	2.28E-03	0.00E+00	0.00E+00	3.38E-03	0.00E+00	0.00E+00	3.41E-03
40	ALL		484875	3716575	NonCancer	0.00E+00	1.19E-05	3.22E-03	0.00E+00	0.00E+00	3.25E-03	1.40E-03	0.00E+00	2.16E-03	0.00E+00	0.00E+00	3.22E-03	0.00E+00	0.00E+00	3.25E-03
41	ALL		484925	3716575	NonCancer	0.00E+00	1.20E-05	3.24E-03	0.00E+00	0.00E+00	3.27E-03	1.42E-03	0.00E+00	2.18E-03	0.00E+00	0.00E+00	3.24E-03	0.00E+00	0.00E+00	3.27E-03
42	ALL		484975	3716575	NonCancer	0.00E+00	1.33E-05	3.54E-03	0.00E+00	0.00E+00	3.57E-03	1.57E-03	0.00E+00	2.42E-03	0.00E+00	0.00E+00	3.54E-03	0.00E+00	0.00E+00	3.57E-03
43	ALL		485025	3716575	NonCancer	0.00E+00	1.45E-05	3.83E-03	0.00E+00	0.00E+00	3.87E-03	1.71E-03	0.00E+00	2.64E-03	0.00E+00	0.00E+00	3.83E-03	0.00E+00	0.00E+00	3.87E-03
44	ALL		485075	3716575	NonCancer	0.00E+00	1.51E-05	3.99E-03	0.00E+00	0.00E+00	4.03E-03	1.78E-03	0.00E+00	2.74E-03	0.00E+00	0.00E+00	3.99E-03	0.00E+00	0.00E+00	4.03E-03
45	ALL		485125	3716575	NonCancer	0.00E+00	1.50E-05	4.00E-03	0.00E+00	0.00E+00	4.04E-03	1.77E-03	0.00E+00	2.72E-03	0.00E+00	0.00E+00	4.00E-03	0.00E+00	0.00E+00	4.04E-03

*HARP - HRACalc v19044 3/19/2020 1:54:44 PM - Acute Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitAcuteHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
46	ALL		485175	3716575	NonCancer	0.00E+00	1.42E-05	3.91E-03	0.00E+00	0.00E+00	3.95E-03	1.67E-03	0.00E+00	2.58E-03	0.00E+00	0.00E+00	3.91E-03	0.00E+00	0.00E+00	3.95E-03
47	ALL		485225	3716575	NonCancer	0.00E+00	1.35E-05	3.84E-03	0.00E+00	0.00E+00	3.87E-03	1.59E-03	0.00E+00	2.46E-03	0.00E+00	0.00E+00	3.84E-03	0.00E+00	0.00E+00	3.87E-03
48	ALL		485275	3716575	NonCancer	0.00E+00	1.26E-05	3.61E-03	0.00E+00	0.00E+00	3.64E-03	1.48E-03	0.00E+00	2.29E-03	0.00E+00	0.00E+00	3.61E-03	0.00E+00	0.00E+00	3.64E-03
49	ALL		485325	3716575	NonCancer	0.00E+00	1.18E-05	3.37E-03	0.00E+00	0.00E+00	3.40E-03	1.39E-03	0.00E+00	2.15E-03	0.00E+00	0.00E+00	3.37E-03	0.00E+00	0.00E+00	3.40E-03
50	ALL		485375	3716575	NonCancer	0.00E+00	1.18E-05	3.24E-03	0.00E+00	0.00E+00	3.27E-03	1.39E-03	0.00E+00	2.14E-03	0.00E+00	0.00E+00	3.24E-03	0.00E+00	0.00E+00	3.27E-03
51	ALL		485425	3716575	NonCancer	0.00E+00	1.14E-05	3.07E-03	0.00E+00	0.00E+00	3.10E-03	1.35E-03	0.00E+00	2.08E-03	0.00E+00	0.00E+00	3.07E-03	0.00E+00	0.00E+00	3.10E-03
52	ALL		485475	3716575	NonCancer	0.00E+00	1.09E-05	2.91E-03	0.00E+00	0.00E+00	2.94E-03	1.28E-03	0.00E+00	1.97E-03	0.00E+00	0.00E+00	2.91E-03	0.00E+00	0.00E+00	2.94E-03
53	ALL		482925	3716625	NonCancer	0.00E+00	1.33E-05	3.42E-03	0.00E+00	0.00E+00	3.45E-03	1.56E-03	0.00E+00	2.41E-03	0.00E+00	0.00E+00	3.42E-03	0.00E+00	0.00E+00	3.45E-03
54	ALL		482975	3716625	NonCancer	0.00E+00	1.41E-05	3.64E-03	0.00E+00	0.00E+00	3.67E-03	1.66E-03	0.00E+00	2.56E-03	0.00E+00	0.00E+00	3.64E-03	0.00E+00	0.00E+00	3.67E-03
55	ALL		483025	3716625	NonCancer	0.00E+00	1.46E-05	3.80E-03	0.00E+00	0.00E+00	3.83E-03	1.72E-03	0.00E+00	2.66E-03	0.00E+00	0.00E+00	3.80E-03	0.00E+00	0.00E+00	3.83E-03
56	ALL		483075	3716625	NonCancer	0.00E+00	1.60E-05	4.14E-03	0.00E+00	0.00E+00	4.18E-03	1.89E-03	0.00E+00	2.91E-03	0.00E+00	0.00E+00	4.14E-03	0.00E+00	0.00E+00	4.18E-03
57	ALL		483125	3716625	NonCancer	0.00E+00	1.81E-05	4.61E-03	0.00E+00	0.00E+00	4.65E-03	2.13E-03	0.00E+00	3.28E-03	0.00E+00	0.00E+00	4.61E-03	0.00E+00	0.00E+00	4.65E-03
58	ALL		483175	3716625	NonCancer	0.00E+00	2.32E-05	5.80E-03	0.00E+00	0.00E+00	5.85E-03	2.73E-03	0.00E+00	4.21E-03	0.00E+00	0.00E+00	5.80E-03	0.00E+00	0.00E+00	5.85E-03
59	ALL		483225	3716625	NonCancer	0.00E+00	3.09E-05	7.59E-03	0.00E+00	0.00E+00	7.66E-03	3.64E-03	0.00E+00	5.61E-03	0.00E+00	0.00E+00	7.59E-03	0.00E+00	0.00E+00	7.66E-03
60	ALL		483275	3716625	NonCancer	0.00E+00	8.81E-05	2.09E-02	0.00E+00	0.00E+00	2.11E-02	1.04E-02	0.00E+00	1.60E-02	0.00E+00	0.00E+00	2.09E-02	0.00E+00	0.00E+00	2.11E-02
61	ALL		483325	3716625	NonCancer	0.00E+00	2.66E-05	6.59E-03	0.00E+00	0.00E+00	6.65E-03	3.14E-03	0.00E+00	4.83E-03	0.00E+00	0.00E+00	6.59E-03	0.00E+00	0.00E+00	6.65E-03
62	ALL		483375	3716625	NonCancer	0.00E+00	1.96E-05	4.97E-03	0.00E+00	0.00E+00	5.01E-03	2.31E-03	0.00E+00	3.56E-03	0.00E+00	0.00E+00	4.97E-03	0.00E+00	0.00E+00	5.01E-03
63	ALL		483425	3716625	NonCancer	0.00E+00	1.73E-05	4.42E-03	0.00E+00	0.00E+00	4.46E-03	2.03E-03	0.00E+00	3.14E-03	0.00E+00	0.00E+00	4.42E-03	0.00E+00	0.00E+00	4.46E-03
64	ALL		483475	3716625	NonCancer	0.00E+00	1.69E-05	4.34E-03	0.00E+00	0.00E+00	4.38E-03	1.99E-03	0.00E+00	3.06E-03	0.00E+00	0.00E+00	4.34E-03	0.00E+00	0.00E+00	4.38E-03
65	ALL		483525	3716625	NonCancer	0.00E+00	1.66E-05	4.29E-03	0.00E+00	0.00E+00	4.33E-03	1.95E-03	0.00E+00	3.00E-03	0.00E+00	0.00E+00	4.29E-03	0.00E+00	0.00E+00	4.33E-03
66	ALL		483575	3716625	NonCancer	0.00E+00	1.62E-05	4.25E-03	0.00E+00	0.00E+00	4.28E-03	1.90E-03	0.00E+00	2.93E-03	0.00E+00	0.00E+00	4.25E-03	0.00E+00	0.00E+00	4.28E-03
67	ALL		483625	3716625	NonCancer	0.00E+00	1.59E-05	4.17E-03	0.00E+00	0.00E+00	4.21E-03	1.87E-03	0.00E+00	2.89E-03	0.00E+00	0.00E+00	4.17E-03	0.00E+00	0.00E+00	4.21E-03
68	ALL		483675	3716625	NonCancer	0.00E+00	1.57E-05	4.11E-03	0.00E+00	0.00E+00	4.15E-03	1.84E-03	0.00E+00	2.84E-03	0.00E+00	0.00E+00	4.11E-03	0.00E+00	0.00E+00	4.15E-03
69	ALL		483725	3716625	NonCancer	0.00E+00	1.55E-05	4.09E-03	0.00E+00	0.00E+00	4.12E-03	1.83E-03	0.00E+00	2.82E-03	0.00E+00	0.00E+00	4.09E-03	0.00E+00	0.00E+00	4.12E-03
70	ALL		483775	3716625	NonCancer	0.00E+00	1.56E-05	4.10E-03	0.00E+00	0.00E+00	4.14E-03	1.83E-03	0.00E+00	2.82E-03	0.00E+00	0.00E+00	4.10E-03	0.00E+00	0.00E+00	4.14E-03
71	ALL		483825	3716625	NonCancer	0.00E+00	1.54E-05	4.09E-03	0.00E+00	0.00E+00	4.13E-03	1.82E-03	0.00E+00	2.80E-03	0.00E+00	0.00E+00	4.09E-03	0.00E+00	0.00E+00	4.13E-03
72	ALL		483875	3716625	NonCancer	0.00E+00	1.53E-05	4.08E-03	0.00E+00	0.00E+00	4.11E-03	1.81E-03	0.00E+00	2.78E-03	0.00E+00	0.00E+00	4.08E-03	0.00E+00	0.00E+00	4.11E-03
73	ALL		483925	3716625	NonCancer	0.00E+00	1.54E-05	4.09E-03	0.00E+00	0.00E+00	4.13E-03	1.81E-03	0.00E+00	2.80E-03	0.00E+00	0.00E+00	4.09E-03	0.00E+00	0.00E+00	4.13E-03
74	ALL		483975	3716625	NonCancer	0.00E+00	1.54E-05	4.11E-03	0.00E+00	0.00E+00	4.14E-03	1.81E-03	0.00E+00	2.80E-03	0.00E+00	0.00E+00	4.11E-03	0.00E+00	0.00E+00	4.14E-03
75	ALL		484025	3716625	NonCancer	0.00E+00	1.53E-05	4.08E-03	0.00E+00	0.00E+00	4.12E-03	1.80E-03	0.00E+00	2.77E-03	0.00E+00	0.00E+00	4.08E-03	0.00E+00	0.00E+00	4.12E-03
76	ALL		484075	3716625	NonCancer	0.00E+00	1.53E-05	4.09E-03	0.00E+00	0.00E+00	4.12E-03	1.80E-03	0.00E+00	2.77E-03	0.00E+00	0.00E+00	4.09E-03	0.00E+00	0.00E+00	4.12E-03
77	ALL		484125	3716625	NonCancer	0.00E+00	1.51E-05	4.04E-03	0.00E+00	0.00E+00	4.08E-03	1.77E-03	0.00E+00	2.73E-03	0.00E+00	0.00E+00	4.04E-03	0.00E+00	0.00E+00	4.08E-03
78	ALL		484175	3716625	NonCancer	0.00E+00	1.47E-05	3.95E-03	0.00E+00	0.00E+00	3.99E-03	1.73E-03	0.00E+00	2.67E-03	0.00E+00	0.00E+00	3.95E-03	0.00E+00	0.00E+00	3.99E-03
79	ALL		484225	3716625	NonCancer	0.00E+00	1.47E-05	3.95E-03	0.00E+00	0.00E+00	3.98E-03	1.73E-03	0.00E+00	2.66E-03	0.00E+00	0.00E+00	3.95E-03	0.00E+00	0.00E+00	3.98E-03
80	ALL		484275	3716625	NonCancer	0.00E+00	1.46E-05	3.94E-03	0.00E+00	0.00E+00	3.97E-03	1.73E-03	0.00E+00	2.66E-03	0.00E+00	0.00E+00	3.94E-03	0.00E+00	0.00E+00	3.97E-03
81	ALL		484325	3716625	NonCancer	0.00E+00	1.47E-05	3.97E-03	0.00E+00	0.00E+00	4.00E-03	1.74E-03	0.00E+00	2.68E-03	0.00E+00	0.00E+00	3.97E-03	0.00E+00	0.00E+00	4.00E-03
82	ALL		484375	3716625	NonCancer	0.00E+00	1.47E-05	3.98E-03	0.00E+00	0.00E+00	4.01E-03	1.74E-03	0.00E+00	2.68E-03	0.00E+00	0.00E+00	3.98E-03	0.00E+00	0.00E+00	4.01E-03
83	ALL		484425	3716625	NonCancer	0.00E+00	1.46E-05	3.93E-03	0.00E+00	0.00E+00	3.97E-03	1.71E-03	0.00E+00	2.64E-03	0.00E+00	0.00E+00	3.93E-03	0.00E+00	0.00E+00	3.97E-03
84	ALL		484475	3716625	NonCancer	0.00E+00	1.45E-05	3.90E-03	0.00E+00	0.00E+00	3.94E-03	1.71E-03	0.00E+00	2.63E-03	0.00E+00	0.00E+00	3.90E-03	0.00E+00	0.00E+00	3.94E-03
85	ALL		484525	3716625	NonCancer	0.00E+00	1.56E-05	4.17E-03	0.00E+00	0.00E+00	4.20E-03	1.84E-03	0.00E+00	2.84E-03	0.00E+00	0.00E+00	4.17E-03	0.00E+00	0.00E+00	4.20E-03
86	ALL		484575	3716625	NonCancer	0.00E+00	1.58E-05	4.22E-03	0.00E+00	0.00E+00	4.26E-03	1.87E-03	0.00E+00	2.88E-03	0.00E+00	0.00E+00	4.22E-03	0.00E+00	0.00E+00	4.26E-03
87	ALL		484625	3716625	NonCancer	0.00E+00	1.51E-05	4.19E-03	0.00E+00	0.00E+00	4.22E-03	1.78E-03	0.00E+00	2.74E-03	0.00E+00	0.00E+00	4.19E-03	0.00E+00	0.00E+00	4.22E-03
88	ALL		484675	3716625	NonCancer	0.00E+00	1.39E-05	3.93E-03	0.00E+00	0.00E+00	3.96E-03	1.64E-03	0.00E+00	2.52E-03	0.00E+00	0.00E+00	3.93E-03	0.00E+00	0.00E+00	3.96E-03
89	ALL		484725	3716625	NonCancer	0.00E+00	1.40E-05	3.82E-03	0.00E+00	0.00E+00	3.85E-03	1.65E-03	0.00E+00	2.54E-03	0.00E+00	0.00E+00	3.82E-03	0.00E+00	0.00E+00	3.85E-03
90	ALL		484775	3716625	NonCancer	0.00E+00	1.37E-05	3.69E-03	0.00E+00	0.00E+00	3.72E-03	1.61E-03	0.00E+00	2.49E-03	0.00E+00	0.00E+00	3.69E-03	0.00E+00	0.00E+00	3.72E-03

*HARP - HRACalc v19044 3/19/2020 1:54:44 PM - Acute Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitAcuteHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
91	ALL		484825	3716625	NonCancer	0.00E+00	1.33E-05	3.59E-03	0.00E+00	0.00E+00	3.62E-03	1.57E-03	0.00E+00	2.42E-03	0.00E+00	0.00E+00	3.59E-03	0.00E+00	0.00E+00	3.62E-03
92	ALL		484875	3716625	NonCancer	0.00E+00	1.28E-05	3.44E-03	0.00E+00	0.00E+00	3.47E-03	1.50E-03	0.00E+00	2.31E-03	0.00E+00	0.00E+00	3.44E-03	0.00E+00	0.00E+00	3.47E-03
93	ALL		484925	3716625	NonCancer	0.00E+00	1.38E-05	3.67E-03	0.00E+00	0.00E+00	3.70E-03	1.62E-03	0.00E+00	2.50E-03	0.00E+00	0.00E+00	3.67E-03	0.00E+00	0.00E+00	3.70E-03
94	ALL		484975	3716625	NonCancer	0.00E+00	1.47E-05	3.86E-03	0.00E+00	0.00E+00	3.90E-03	1.73E-03	0.00E+00	2.66E-03	0.00E+00	0.00E+00	3.86E-03	0.00E+00	0.00E+00	3.90E-03
95	ALL		485025	3716625	NonCancer	0.00E+00	1.57E-05	4.10E-03	0.00E+00	0.00E+00	4.14E-03	1.84E-03	0.00E+00	2.84E-03	0.00E+00	0.00E+00	4.10E-03	0.00E+00	0.00E+00	4.14E-03
96	ALL		485075	3716625	NonCancer	0.00E+00	1.58E-05	4.19E-03	0.00E+00	0.00E+00	4.23E-03	1.86E-03	0.00E+00	2.87E-03	0.00E+00	0.00E+00	4.19E-03	0.00E+00	0.00E+00	4.23E-03
97	ALL		485125	3716625	NonCancer	0.00E+00	1.52E-05	4.16E-03	0.00E+00	0.00E+00	4.20E-03	1.79E-03	0.00E+00	2.77E-03	0.00E+00	0.00E+00	4.16E-03	0.00E+00	0.00E+00	4.20E-03
98	ALL		485175	3716625	NonCancer	0.00E+00	1.45E-05	4.10E-03	0.00E+00	0.00E+00	4.13E-03	1.71E-03	0.00E+00	2.64E-03	0.00E+00	0.00E+00	4.10E-03	0.00E+00	0.00E+00	4.13E-03
99	ALL		485225	3716625	NonCancer	0.00E+00	1.36E-05	3.90E-03	0.00E+00	0.00E+00	3.93E-03	1.60E-03	0.00E+00	2.47E-03	0.00E+00	0.00E+00	3.90E-03	0.00E+00	0.00E+00	3.93E-03
100	ALL		485275	3716625	NonCancer	0.00E+00	1.27E-05	3.63E-03	0.00E+00	0.00E+00	3.65E-03	1.49E-03	0.00E+00	2.30E-03	0.00E+00	0.00E+00	3.63E-03	0.00E+00	0.00E+00	3.65E-03
101	ALL		485325	3716625	NonCancer	0.00E+00	1.27E-05	3.50E-03	0.00E+00	0.00E+00	3.53E-03	1.49E-03	0.00E+00	2.30E-03	0.00E+00	0.00E+00	3.50E-03	0.00E+00	0.00E+00	3.53E-03
102	ALL		485375	3716625	NonCancer	0.00E+00	1.23E-05	3.30E-03	0.00E+00	0.00E+00	3.33E-03	1.45E-03	0.00E+00	2.23E-03	0.00E+00	0.00E+00	3.30E-03	0.00E+00	0.00E+00	3.33E-03
103	ALL		485425	3716625	NonCancer	0.00E+00	1.16E-05	3.11E-03	0.00E+00	0.00E+00	3.14E-03	1.37E-03	0.00E+00	2.11E-03	0.00E+00	0.00E+00	3.11E-03	0.00E+00	0.00E+00	3.14E-03
104	ALL		485475	3716625	NonCancer	0.00E+00	1.08E-05	2.96E-03	0.00E+00	0.00E+00	2.98E-03	1.28E-03	0.00E+00	1.97E-03	0.00E+00	0.00E+00	2.96E-03	0.00E+00	0.00E+00	2.98E-03
105	ALL		482925	3716675	NonCancer	0.00E+00	1.34E-05	3.45E-03	0.00E+00	0.00E+00	3.48E-03	1.57E-03	0.00E+00	2.42E-03	0.00E+00	0.00E+00	3.45E-03	0.00E+00	0.00E+00	3.48E-03
106	ALL		482975	3716675	NonCancer	0.00E+00	1.46E-05	3.75E-03	0.00E+00	0.00E+00	3.78E-03	1.72E-03	0.00E+00	2.64E-03	0.00E+00	0.00E+00	3.75E-03	0.00E+00	0.00E+00	3.78E-03
107	ALL		483025	3716675	NonCancer	0.00E+00	1.52E-05	3.93E-03	0.00E+00	0.00E+00	3.96E-03	1.79E-03	0.00E+00	2.76E-03	0.00E+00	0.00E+00	3.93E-03	0.00E+00	0.00E+00	3.96E-03
108	ALL		483075	3716675	NonCancer	0.00E+00	1.63E-05	4.21E-03	0.00E+00	0.00E+00	4.25E-03	1.92E-03	0.00E+00	2.96E-03	0.00E+00	0.00E+00	4.21E-03	0.00E+00	0.00E+00	4.25E-03
109	ALL		483125	3716675	NonCancer	0.00E+00	1.83E-05	4.69E-03	0.00E+00	0.00E+00	4.73E-03	2.15E-03	0.00E+00	3.32E-03	0.00E+00	0.00E+00	4.69E-03	0.00E+00	0.00E+00	4.73E-03
110	ALL		483175	3716675	NonCancer	0.00E+00	2.21E-05	5.55E-03	0.00E+00	0.00E+00	5.60E-03	2.60E-03	0.00E+00	4.00E-03	0.00E+00	0.00E+00	5.55E-03	0.00E+00	0.00E+00	5.60E-03
111	ALL		483225	3716675	NonCancer	0.00E+00	2.93E-05	7.24E-03	0.00E+00	0.00E+00	7.30E-03	3.45E-03	0.00E+00	5.32E-03	0.00E+00	0.00E+00	7.24E-03	0.00E+00	0.00E+00	7.30E-03
112	ALL		483275	3716675	NonCancer	0.00E+00	8.03E-05	1.91E-02	0.00E+00	0.00E+00	1.93E-02	9.45E-03	0.00E+00	1.46E-02	0.00E+00	0.00E+00	1.91E-02	0.00E+00	0.00E+00	1.93E-02
113	ALL		483325	3716675	NonCancer	0.00E+00	3.44E-05	8.43E-03	0.00E+00	0.00E+00	8.51E-03	4.05E-03	0.00E+00	6.25E-03	0.00E+00	0.00E+00	8.43E-03	0.00E+00	0.00E+00	8.51E-03
114	ALL		483375	3716675	NonCancer	0.00E+00	2.07E-05	5.24E-03	0.00E+00	0.00E+00	5.29E-03	2.44E-03	0.00E+00	3.77E-03	0.00E+00	0.00E+00	5.24E-03	0.00E+00	0.00E+00	5.29E-03
115	ALL		483425	3716675	NonCancer	0.00E+00	1.81E-05	4.64E-03	0.00E+00	0.00E+00	4.69E-03	2.14E-03	0.00E+00	3.29E-03	0.00E+00	0.00E+00	4.64E-03	0.00E+00	0.00E+00	4.69E-03
116	ALL		483475	3716675	NonCancer	0.00E+00	1.71E-05	4.41E-03	0.00E+00	0.00E+00	4.45E-03	2.02E-03	0.00E+00	3.11E-03	0.00E+00	0.00E+00	4.41E-03	0.00E+00	0.00E+00	4.45E-03
117	ALL		483525	3716675	NonCancer	0.00E+00	1.72E-05	4.46E-03	0.00E+00	0.00E+00	4.50E-03	2.03E-03	0.00E+00	3.13E-03	0.00E+00	0.00E+00	4.46E-03	0.00E+00	0.00E+00	4.50E-03
118	ALL		483575	3716675	NonCancer	0.00E+00	1.71E-05	4.47E-03	0.00E+00	0.00E+00	4.51E-03	2.01E-03	0.00E+00	3.10E-03	0.00E+00	0.00E+00	4.47E-03	0.00E+00	0.00E+00	4.51E-03
119	ALL		483625	3716675	NonCancer	0.00E+00	1.68E-05	4.43E-03	0.00E+00	0.00E+00	4.47E-03	1.98E-03	0.00E+00	3.06E-03	0.00E+00	0.00E+00	4.43E-03	0.00E+00	0.00E+00	4.47E-03
120	ALL		483675	3716675	NonCancer	0.00E+00	1.65E-05	4.32E-03	0.00E+00	0.00E+00	4.36E-03	1.94E-03	0.00E+00	2.99E-03	0.00E+00	0.00E+00	4.32E-03	0.00E+00	0.00E+00	4.36E-03
121	ALL		483725	3716675	NonCancer	0.00E+00	1.65E-05	4.35E-03	0.00E+00	0.00E+00	4.39E-03	1.94E-03	0.00E+00	2.99E-03	0.00E+00	0.00E+00	4.35E-03	0.00E+00	0.00E+00	4.39E-03
122	ALL		483775	3716675	NonCancer	0.00E+00	1.64E-05	4.33E-03	0.00E+00	0.00E+00	4.37E-03	1.94E-03	0.00E+00	2.98E-03	0.00E+00	0.00E+00	4.33E-03	0.00E+00	0.00E+00	4.37E-03
123	ALL		483825	3716675	NonCancer	0.00E+00	1.64E-05	4.35E-03	0.00E+00	0.00E+00	4.39E-03	1.93E-03	0.00E+00	2.98E-03	0.00E+00	0.00E+00	4.35E-03	0.00E+00	0.00E+00	4.39E-03
124	ALL		483875	3716675	NonCancer	0.00E+00	1.62E-05	4.31E-03	0.00E+00	0.00E+00	4.35E-03	1.91E-03	0.00E+00	2.94E-03	0.00E+00	0.00E+00	4.31E-03	0.00E+00	0.00E+00	4.35E-03
125	ALL		483925	3716675	NonCancer	0.00E+00	1.62E-05	4.31E-03	0.00E+00	0.00E+00	4.35E-03	1.91E-03	0.00E+00	2.94E-03	0.00E+00	0.00E+00	4.31E-03	0.00E+00	0.00E+00	4.35E-03
126	ALL		483975	3716675	NonCancer	0.00E+00	1.63E-05	4.35E-03	0.00E+00	0.00E+00	4.39E-03	1.92E-03	0.00E+00	2.97E-03	0.00E+00	0.00E+00	4.35E-03	0.00E+00	0.00E+00	4.39E-03
127	ALL		484025	3716675	NonCancer	0.00E+00	1.62E-05	4.33E-03	0.00E+00	0.00E+00	4.37E-03	1.91E-03	0.00E+00	2.94E-03	0.00E+00	0.00E+00	4.33E-03	0.00E+00	0.00E+00	4.37E-03
128	ALL		484075	3716675	NonCancer	0.00E+00	1.61E-05	4.32E-03	0.00E+00	0.00E+00	4.35E-03	1.90E-03	0.00E+00	2.93E-03	0.00E+00	0.00E+00	4.32E-03	0.00E+00	0.00E+00	4.35E-03
129	ALL		484125	3716675	NonCancer	0.00E+00	1.60E-05	4.28E-03	0.00E+00	0.00E+00	4.32E-03	1.88E-03	0.00E+00	2.90E-03	0.00E+00	0.00E+00	4.28E-03	0.00E+00	0.00E+00	4.32E-03
130	ALL		484175	3716675	NonCancer	0.00E+00	1.57E-05	4.22E-03	0.00E+00	0.00E+00	4.26E-03	1.85E-03	0.00E+00	2.85E-03	0.00E+00	0.00E+00	4.22E-03	0.00E+00	0.00E+00	4.26E-03
131	ALL		484225	3716675	NonCancer	0.00E+00	1.56E-05	4.19E-03	0.00E+00	0.00E+00	4.23E-03	1.84E-03	0.00E+00	2.83E-03	0.00E+00	0.00E+00	4.19E-03	0.00E+00	0.00E+00	4.23E-03
132	ALL		484275	3716675	NonCancer	0.00E+00	1.55E-05	4.17E-03	0.00E+00	0.00E+00	4.21E-03	1.83E-03	0.00E+00	2.82E-03	0.00E+00	0.00E+00	4.17E-03	0.00E+00	0.00E+00	4.21E-03
133	ALL		484325	3716675	NonCancer	0.00E+00	1.55E-05	4.17E-03	0.00E+00	0.00E+00	4.21E-03	1.82E-03	0.00E+00	2.81E-03	0.00E+00	0.00E+00	4.17E-03	0.00E+00	0.00E+00	4.21E-03
134	ALL		484375	3716675	NonCancer	0.00E+00	1.56E-05	4.21E-03	0.00E+00	0.00E+00	4.25E-03	1.84E-03	0.00E+00	2.83E-03	0.00E+00	0.00E+00	4.21E-03	0.00E+00	0.00E+00	4.25E-03
135	ALL		484425	3716675	NonCancer	0.00E+00	1.59E-05	4.27E-03	0.00E+00	0.00E+00	4.31E-03	1.87E-03	0.00E+00	2.88E-03	0.00E+00	0.00E+00	4.27E-03	0.00E+00	0.00E+00	4.31E-03

*HARP - HRACalc v19044 3/19/2020 1:54:44 PM - Acute Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitAcuteHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
136	ALL		484475	3716675	NonCancer	0.00E+00	1.62E-05	4.35E-03	0.00E+00	0.00E+00	4.39E-03	1.91E-03	0.00E+00	2.94E-03	0.00E+00	0.00E+00	4.35E-03	0.00E+00	0.00E+00	4.39E-03
137	ALL		484525	3716675	NonCancer	0.00E+00	1.71E-05	4.54E-03	0.00E+00	0.00E+00	4.58E-03	2.01E-03	0.00E+00	3.10E-03	0.00E+00	0.00E+00	4.54E-03	0.00E+00	0.00E+00	4.58E-03
138	ALL		484575	3716675	NonCancer	0.00E+00	1.69E-05	4.53E-03	0.00E+00	0.00E+00	4.57E-03	1.98E-03	0.00E+00	3.06E-03	0.00E+00	0.00E+00	4.53E-03	0.00E+00	0.00E+00	4.57E-03
139	ALL		484625	3716675	NonCancer	0.00E+00	1.58E-05	4.43E-03	0.00E+00	0.00E+00	4.46E-03	1.86E-03	0.00E+00	2.86E-03	0.00E+00	0.00E+00	4.43E-03	0.00E+00	0.00E+00	4.46E-03
140	ALL		484675	3716675	NonCancer	0.00E+00	1.49E-05	4.18E-03	0.00E+00	0.00E+00	4.22E-03	1.75E-03	0.00E+00	2.70E-03	0.00E+00	0.00E+00	4.18E-03	0.00E+00	0.00E+00	4.22E-03
141	ALL		484725	3716675	NonCancer	0.00E+00	1.49E-05	4.03E-03	0.00E+00	0.00E+00	4.07E-03	1.76E-03	0.00E+00	2.71E-03	0.00E+00	0.00E+00	4.03E-03	0.00E+00	0.00E+00	4.07E-03
142	ALL		484775	3716675	NonCancer	0.00E+00	1.47E-05	3.93E-03	0.00E+00	0.00E+00	3.97E-03	1.73E-03	0.00E+00	2.66E-03	0.00E+00	0.00E+00	3.93E-03	0.00E+00	0.00E+00	3.97E-03
143	ALL		484825	3716675	NonCancer	0.00E+00	1.39E-05	3.75E-03	0.00E+00	0.00E+00	3.78E-03	1.64E-03	0.00E+00	2.53E-03	0.00E+00	0.00E+00	3.75E-03	0.00E+00	0.00E+00	3.78E-03
144	ALL		484875	3716675	NonCancer	0.00E+00	1.46E-05	3.89E-03	0.00E+00	0.00E+00	3.93E-03	1.71E-03	0.00E+00	2.64E-03	0.00E+00	0.00E+00	3.89E-03	0.00E+00	0.00E+00	3.93E-03
145	ALL		484925	3716675	NonCancer	0.00E+00	1.57E-05	4.13E-03	0.00E+00	0.00E+00	4.17E-03	1.84E-03	0.00E+00	2.84E-03	0.00E+00	0.00E+00	4.13E-03	0.00E+00	0.00E+00	4.17E-03
146	ALL		484975	3716675	NonCancer	0.00E+00	1.61E-05	4.23E-03	0.00E+00	0.00E+00	4.27E-03	1.90E-03	0.00E+00	2.93E-03	0.00E+00	0.00E+00	4.23E-03	0.00E+00	0.00E+00	4.27E-03
147	ALL		485025	3716675	NonCancer	0.00E+00	1.63E-05	4.28E-03	0.00E+00	0.00E+00	4.32E-03	1.92E-03	0.00E+00	2.96E-03	0.00E+00	0.00E+00	4.28E-03	0.00E+00	0.00E+00	4.32E-03
148	ALL		485075	3716675	NonCancer	0.00E+00	1.61E-05	4.35E-03	0.00E+00	0.00E+00	4.39E-03	1.90E-03	0.00E+00	2.92E-03	0.00E+00	0.00E+00	4.35E-03	0.00E+00	0.00E+00	4.39E-03
149	ALL		485125	3716675	NonCancer	0.00E+00	1.55E-05	4.35E-03	0.00E+00	0.00E+00	4.39E-03	1.83E-03	0.00E+00	2.82E-03	0.00E+00	0.00E+00	4.35E-03	0.00E+00	0.00E+00	4.39E-03
150	ALL		485175	3716675	NonCancer	0.00E+00	1.46E-05	4.20E-03	0.00E+00	0.00E+00	4.23E-03	1.73E-03	0.00E+00	2.66E-03	0.00E+00	0.00E+00	4.20E-03	0.00E+00	0.00E+00	4.23E-03
151	ALL		485225	3716675	NonCancer	0.00E+00	1.36E-05	3.91E-03	0.00E+00	0.00E+00	3.94E-03	1.60E-03	0.00E+00	2.47E-03	0.00E+00	0.00E+00	3.91E-03	0.00E+00	0.00E+00	3.94E-03
152	ALL		485275	3716675	NonCancer	0.00E+00	1.36E-05	3.79E-03	0.00E+00	0.00E+00	3.82E-03	1.60E-03	0.00E+00	2.47E-03	0.00E+00	0.00E+00	3.79E-03	0.00E+00	0.00E+00	3.82E-03
153	ALL		485325	3716675	NonCancer	0.00E+00	1.32E-05	3.56E-03	0.00E+00	0.00E+00	3.59E-03	1.56E-03	0.00E+00	2.40E-03	0.00E+00	0.00E+00	3.56E-03	0.00E+00	0.00E+00	3.59E-03
154	ALL		485375	3716675	NonCancer	0.00E+00	1.26E-05	3.37E-03	0.00E+00	0.00E+00	3.40E-03	1.48E-03	0.00E+00	2.28E-03	0.00E+00	0.00E+00	3.37E-03	0.00E+00	0.00E+00	3.40E-03
155	ALL		485425	3716675	NonCancer	0.00E+00	1.17E-05	3.18E-03	0.00E+00	0.00E+00	3.21E-03	1.37E-03	0.00E+00	2.12E-03	0.00E+00	0.00E+00	3.18E-03	0.00E+00	0.00E+00	3.21E-03
156	ALL		485475	3716675	NonCancer	0.00E+00	1.09E-05	3.03E-03	0.00E+00	0.00E+00	3.06E-03	1.29E-03	0.00E+00	1.98E-03	0.00E+00	0.00E+00	3.03E-03	0.00E+00	0.00E+00	3.06E-03
157	ALL		482925	3716725	NonCancer	0.00E+00	1.38E-05	3.57E-03	0.00E+00	0.00E+00	3.60E-03	1.62E-03	0.00E+00	2.50E-03	0.00E+00	0.00E+00	3.57E-03	0.00E+00	0.00E+00	3.60E-03
158	ALL		482975	3716725	NonCancer	0.00E+00	1.48E-05	3.81E-03	0.00E+00	0.00E+00	3.84E-03	1.74E-03	0.00E+00	2.68E-03	0.00E+00	0.00E+00	3.81E-03	0.00E+00	0.00E+00	3.84E-03
159	ALL		483025	3716725	NonCancer	0.00E+00	1.60E-05	4.10E-03	0.00E+00	0.00E+00	4.14E-03	1.88E-03	0.00E+00	2.90E-03	0.00E+00	0.00E+00	4.10E-03	0.00E+00	0.00E+00	4.14E-03
160	ALL		483075	3716725	NonCancer	0.00E+00	1.71E-05	4.38E-03	0.00E+00	0.00E+00	4.42E-03	2.01E-03	0.00E+00	3.10E-03	0.00E+00	0.00E+00	4.38E-03	0.00E+00	0.00E+00	4.42E-03
161	ALL		483125	3716725	NonCancer	0.00E+00	1.87E-05	4.79E-03	0.00E+00	0.00E+00	4.83E-03	2.20E-03	0.00E+00	3.40E-03	0.00E+00	0.00E+00	4.79E-03	0.00E+00	0.00E+00	4.83E-03
162	ALL		483175	3716725	NonCancer	0.00E+00	2.15E-05	5.44E-03	0.00E+00	0.00E+00	5.49E-03	2.53E-03	0.00E+00	3.90E-03	0.00E+00	0.00E+00	5.44E-03	0.00E+00	0.00E+00	5.49E-03
163	ALL		483225	3716725	NonCancer	0.00E+00	2.73E-05	6.77E-03	0.00E+00	0.00E+00	6.84E-03	3.21E-03	0.00E+00	4.95E-03	0.00E+00	0.00E+00	6.77E-03	0.00E+00	0.00E+00	6.84E-03
164	ALL		483275	3716725	NonCancer	0.00E+00	5.63E-05	1.35E-02	0.00E+00	0.00E+00	1.37E-02	6.63E-03	0.00E+00	1.02E-02	0.00E+00	0.00E+00	1.35E-02	0.00E+00	0.00E+00	1.37E-02
165	ALL		483325	3716725	NonCancer	0.00E+00	4.97E-05	1.20E-02	0.00E+00	0.00E+00	1.21E-02	5.86E-03	0.00E+00	9.03E-03	0.00E+00	0.00E+00	1.20E-02	0.00E+00	0.00E+00	1.21E-02
166	ALL		483375	3716725	NonCancer	0.00E+00	2.24E-05	5.64E-03	0.00E+00	0.00E+00	5.69E-03	2.63E-03	0.00E+00	4.06E-03	0.00E+00	0.00E+00	5.64E-03	0.00E+00	0.00E+00	5.69E-03
167	ALL		483425	3716725	NonCancer	0.00E+00	1.90E-05	4.87E-03	0.00E+00	0.00E+00	4.91E-03	2.24E-03	0.00E+00	3.45E-03	0.00E+00	0.00E+00	4.87E-03	0.00E+00	0.00E+00	4.91E-03
168	ALL		483475	3716725	NonCancer	0.00E+00	1.87E-05	4.81E-03	0.00E+00	0.00E+00	4.86E-03	2.21E-03	0.00E+00	3.40E-03	0.00E+00	0.00E+00	4.81E-03	0.00E+00	0.00E+00	4.86E-03
169	ALL		483525	3716725	NonCancer	0.00E+00	1.79E-05	4.64E-03	0.00E+00	0.00E+00	4.68E-03	2.11E-03	0.00E+00	3.26E-03	0.00E+00	0.00E+00	4.64E-03	0.00E+00	0.00E+00	4.68E-03
170	ALL		483575	3716725	NonCancer	0.00E+00	1.80E-05	4.68E-03	0.00E+00	0.00E+00	4.73E-03	2.12E-03	0.00E+00	3.26E-03	0.00E+00	0.00E+00	4.68E-03	0.00E+00	0.00E+00	4.73E-03
171	ALL		483625	3716725	NonCancer	0.00E+00	1.77E-05	4.69E-03	0.00E+00	0.00E+00	4.73E-03	2.09E-03	0.00E+00	3.22E-03	0.00E+00	0.00E+00	4.69E-03	0.00E+00	0.00E+00	4.73E-03
172	ALL		483675	3716725	NonCancer	0.00E+00	1.75E-05	4.60E-03	0.00E+00	0.00E+00	4.64E-03	2.06E-03	0.00E+00	3.18E-03	0.00E+00	0.00E+00	4.60E-03	0.00E+00	0.00E+00	4.64E-03
173	ALL		483725	3716725	NonCancer	0.00E+00	1.75E-05	4.61E-03	0.00E+00	0.00E+00	4.66E-03	2.06E-03	0.00E+00	3.17E-03	0.00E+00	0.00E+00	4.61E-03	0.00E+00	0.00E+00	4.66E-03
174	ALL		483775	3716725	NonCancer	0.00E+00	1.74E-05	4.59E-03	0.00E+00	0.00E+00	4.63E-03	2.05E-03	0.00E+00	3.15E-03	0.00E+00	0.00E+00	4.59E-03	0.00E+00	0.00E+00	4.63E-03
175	ALL		483825	3716725	NonCancer	0.00E+00	1.72E-05	4.57E-03	0.00E+00	0.00E+00	4.61E-03	2.03E-03	0.00E+00	3.13E-03	0.00E+00	0.00E+00	4.57E-03	0.00E+00	0.00E+00	4.61E-03
176	ALL		483875	3716725	NonCancer	0.00E+00	1.72E-05	4.58E-03	0.00E+00	0.00E+00	4.62E-03	2.03E-03	0.00E+00	3.13E-03	0.00E+00	0.00E+00	4.58E-03	0.00E+00	0.00E+00	4.62E-03
177	ALL		483925	3716725	NonCancer	0.00E+00	1.71E-05	4.55E-03	0.00E+00	0.00E+00	4.59E-03	2.01E-03	0.00E+00	3.10E-03	0.00E+00	0.00E+00	4.55E-03	0.00E+00	0.00E+00	4.59E-03
178	ALL		483975	3716725	NonCancer	0.00E+00	1.73E-05	4.60E-03	0.00E+00	0.00E+00	4.64E-03	2.04E-03	0.00E+00	3.14E-03	0.00E+00	0.00E+00	4.60E-03	0.00E+00	0.00E+00	4.64E-03
179	ALL		484025	3716725	NonCancer	0.00E+00	1.72E-05	4.60E-03	0.00E+00	0.00E+00	4.64E-03	2.02E-03	0.00E+00	3.12E-03	0.00E+00	0.00E+00	4.60E-03	0.00E+00	0.00E+00	4.64E-03
180	ALL		484075	3716725	NonCancer	0.00E+00	1.71E-05	4.57E-03	0.00E+00	0.00E+00	4.61E-03	2.01E-03	0.00E+00	3.10E-03	0.00E+00	0.00E+00	4.57E-03	0.00E+00	0.00E+00	4.61E-03

*HARP - HRACalc v19044 3/19/2020 1:54:44 PM - Acute Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitAcuteHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
181	ALL		484125	3716725	NonCancer	0.00E+00	1.69E-05	4.54E-03	0.00E+00	0.00E+00	4.58E-03	1.99E-03	0.00E+00	3.08E-03	0.00E+00	0.00E+00	4.54E-03	0.00E+00	0.00E+00	4.58E-03
182	ALL		484175	3716725	NonCancer	0.00E+00	1.67E-05	4.48E-03	0.00E+00	0.00E+00	4.51E-03	1.96E-03	0.00E+00	3.02E-03	0.00E+00	0.00E+00	4.48E-03	0.00E+00	0.00E+00	4.51E-03
183	ALL		484225	3716725	NonCancer	0.00E+00	1.66E-05	4.46E-03	0.00E+00	0.00E+00	4.50E-03	1.96E-03	0.00E+00	3.01E-03	0.00E+00	0.00E+00	4.46E-03	0.00E+00	0.00E+00	4.50E-03
184	ALL		484275	3716725	NonCancer	0.00E+00	1.65E-05	4.43E-03	0.00E+00	0.00E+00	4.47E-03	1.94E-03	0.00E+00	2.99E-03	0.00E+00	0.00E+00	4.43E-03	0.00E+00	0.00E+00	4.47E-03
185	ALL		484325	3716725	NonCancer	0.00E+00	1.63E-05	4.39E-03	0.00E+00	0.00E+00	4.43E-03	1.92E-03	0.00E+00	2.96E-03	0.00E+00	0.00E+00	4.39E-03	0.00E+00	0.00E+00	4.43E-03
186	ALL		484375	3716725	NonCancer	0.00E+00	1.62E-05	4.39E-03	0.00E+00	0.00E+00	4.43E-03	1.91E-03	0.00E+00	2.94E-03	0.00E+00	0.00E+00	4.39E-03	0.00E+00	0.00E+00	4.43E-03
187	ALL		484425	3716725	NonCancer	0.00E+00	1.64E-05	4.44E-03	0.00E+00	0.00E+00	4.48E-03	1.94E-03	0.00E+00	2.99E-03	0.00E+00	0.00E+00	4.44E-03	0.00E+00	0.00E+00	4.48E-03
188	ALL		484475	3716725	NonCancer	0.00E+00	1.77E-05	4.74E-03	0.00E+00	0.00E+00	4.78E-03	2.09E-03	0.00E+00	3.22E-03	0.00E+00	0.00E+00	4.74E-03	0.00E+00	0.00E+00	4.78E-03
189	ALL		484525	3716725	NonCancer	0.00E+00	1.86E-05	4.94E-03	0.00E+00	0.00E+00	4.99E-03	2.19E-03	0.00E+00	3.38E-03	0.00E+00	0.00E+00	4.94E-03	0.00E+00	0.00E+00	4.99E-03
190	ALL		484575	3716725	NonCancer	0.00E+00	1.81E-05	4.92E-03	0.00E+00	0.00E+00	4.96E-03	2.13E-03	0.00E+00	3.28E-03	0.00E+00	0.00E+00	4.92E-03	0.00E+00	0.00E+00	4.96E-03
191	ALL		484625	3716725	NonCancer	0.00E+00	1.64E-05	4.65E-03	0.00E+00	0.00E+00	4.69E-03	1.93E-03	0.00E+00	2.98E-03	0.00E+00	0.00E+00	4.65E-03	0.00E+00	0.00E+00	4.69E-03
192	ALL		484675	3716725	NonCancer	0.00E+00	1.60E-05	4.45E-03	0.00E+00	0.00E+00	4.49E-03	1.88E-03	0.00E+00	2.90E-03	0.00E+00	0.00E+00	4.45E-03	0.00E+00	0.00E+00	4.49E-03
193	ALL		484725	3716725	NonCancer	0.00E+00	1.64E-05	4.43E-03	0.00E+00	0.00E+00	4.46E-03	1.93E-03	0.00E+00	2.98E-03	0.00E+00	0.00E+00	4.43E-03	0.00E+00	0.00E+00	4.46E-03
194	ALL		484775	3716725	NonCancer	0.00E+00	1.58E-05	4.26E-03	0.00E+00	0.00E+00	4.30E-03	1.86E-03	0.00E+00	2.87E-03	0.00E+00	0.00E+00	4.26E-03	0.00E+00	0.00E+00	4.30E-03
195	ALL		484825	3716725	NonCancer	0.00E+00	1.53E-05	4.13E-03	0.00E+00	0.00E+00	4.16E-03	1.81E-03	0.00E+00	2.79E-03	0.00E+00	0.00E+00	4.13E-03	0.00E+00	0.00E+00	4.16E-03
196	ALL		484875	3716725	NonCancer	0.00E+00	1.68E-05	4.47E-03	0.00E+00	0.00E+00	4.51E-03	1.98E-03	0.00E+00	3.05E-03	0.00E+00	0.00E+00	4.47E-03	0.00E+00	0.00E+00	4.51E-03
197	ALL		484925	3716725	NonCancer	0.00E+00	1.76E-05	4.62E-03	0.00E+00	0.00E+00	4.66E-03	2.07E-03	0.00E+00	3.20E-03	0.00E+00	0.00E+00	4.62E-03	0.00E+00	0.00E+00	4.66E-03
198	ALL		484975	3716725	NonCancer	0.00E+00	1.75E-05	4.59E-03	0.00E+00	0.00E+00	4.63E-03	2.06E-03	0.00E+00	3.18E-03	0.00E+00	0.00E+00	4.59E-03	0.00E+00	0.00E+00	4.63E-03
199	ALL		485025	3716725	NonCancer	0.00E+00	1.68E-05	4.51E-03	0.00E+00	0.00E+00	4.55E-03	1.98E-03	0.00E+00	3.06E-03	0.00E+00	0.00E+00	4.51E-03	0.00E+00	0.00E+00	4.55E-03
200	ALL		485075	3716725	NonCancer	0.00E+00	1.64E-05	4.57E-03	0.00E+00	0.00E+00	4.61E-03	1.93E-03	0.00E+00	2.98E-03	0.00E+00	0.00E+00	4.57E-03	0.00E+00	0.00E+00	4.61E-03
201	ALL		485125	3716725	NonCancer	0.00E+00	1.57E-05	4.48E-03	0.00E+00	0.00E+00	4.52E-03	1.84E-03	0.00E+00	2.84E-03	0.00E+00	0.00E+00	4.48E-03	0.00E+00	0.00E+00	4.52E-03
202	ALL		485175	3716725	NonCancer	0.00E+00	1.46E-05	4.20E-03	0.00E+00	0.00E+00	4.24E-03	1.72E-03	0.00E+00	2.65E-03	0.00E+00	0.00E+00	4.20E-03	0.00E+00	0.00E+00	4.24E-03
203	ALL		485225	3716725	NonCancer	0.00E+00	1.47E-05	4.12E-03	0.00E+00	0.00E+00	4.15E-03	1.73E-03	0.00E+00	2.67E-03	0.00E+00	0.00E+00	4.12E-03	0.00E+00	0.00E+00	4.15E-03
204	ALL		485275	3716725	NonCancer	0.00E+00	1.43E-05	3.86E-03	0.00E+00	0.00E+00	3.89E-03	1.68E-03	0.00E+00	2.60E-03	0.00E+00	0.00E+00	3.86E-03	0.00E+00	0.00E+00	3.89E-03
205	ALL		485325	3716725	NonCancer	0.00E+00	1.35E-05	3.62E-03	0.00E+00	0.00E+00	3.65E-03	1.60E-03	0.00E+00	2.46E-03	0.00E+00	0.00E+00	3.62E-03	0.00E+00	0.00E+00	3.65E-03
206	ALL		485375	3716725	NonCancer	0.00E+00	1.26E-05	3.43E-03	0.00E+00	0.00E+00	3.46E-03	1.48E-03	0.00E+00	2.28E-03	0.00E+00	0.00E+00	3.43E-03	0.00E+00	0.00E+00	3.46E-03
207	ALL		485425	3716725	NonCancer	0.00E+00	1.17E-05	3.25E-03	0.00E+00	0.00E+00	3.28E-03	1.37E-03	0.00E+00	2.12E-03	0.00E+00	0.00E+00	3.25E-03	0.00E+00	0.00E+00	3.28E-03
208	ALL		485475	3716725	NonCancer	0.00E+00	1.10E-05	3.08E-03	0.00E+00	0.00E+00	3.10E-03	1.29E-03	0.00E+00	1.99E-03	0.00E+00	0.00E+00	3.08E-03	0.00E+00	0.00E+00	3.10E-03
209	ALL		482925	3716775	NonCancer	0.00E+00	1.38E-05	3.59E-03	0.00E+00	0.00E+00	3.63E-03	1.62E-03	0.00E+00	2.50E-03	0.00E+00	0.00E+00	3.59E-03	0.00E+00	0.00E+00	3.63E-03
210	ALL		482975	3716775	NonCancer	0.00E+00	1.49E-05	3.86E-03	0.00E+00	0.00E+00	3.89E-03	1.75E-03	0.00E+00	2.70E-03	0.00E+00	0.00E+00	3.86E-03	0.00E+00	0.00E+00	3.89E-03
211	ALL		483025	3716775	NonCancer	0.00E+00	1.61E-05	4.16E-03	0.00E+00	0.00E+00	4.20E-03	1.90E-03	0.00E+00	2.93E-03	0.00E+00	0.00E+00	4.16E-03	0.00E+00	0.00E+00	4.20E-03
212	ALL		483075	3716775	NonCancer	0.00E+00	1.76E-05	4.51E-03	0.00E+00	0.00E+00	4.55E-03	2.07E-03	0.00E+00	3.19E-03	0.00E+00	0.00E+00	4.51E-03	0.00E+00	0.00E+00	4.55E-03
213	ALL		483125	3716775	NonCancer	0.00E+00	1.96E-05	4.98E-03	0.00E+00	0.00E+00	5.02E-03	2.30E-03	0.00E+00	3.55E-03	0.00E+00	0.00E+00	4.98E-03	0.00E+00	0.00E+00	5.02E-03
214	ALL		483175	3716775	NonCancer	0.00E+00	2.26E-05	5.69E-03	0.00E+00	0.00E+00	5.74E-03	2.66E-03	0.00E+00	4.10E-03	0.00E+00	0.00E+00	5.69E-03	0.00E+00	0.00E+00	5.74E-03
215	ALL		483225	3716775	NonCancer	0.00E+00	2.66E-05	6.64E-03	0.00E+00	0.00E+00	6.70E-03	3.14E-03	0.00E+00	4.84E-03	0.00E+00	0.00E+00	6.64E-03	0.00E+00	0.00E+00	6.70E-03
216	ALL		483275	3716775	NonCancer	0.00E+00	3.68E-05	9.00E-03	0.00E+00	0.00E+00	9.08E-03	4.33E-03	0.00E+00	6.68E-03	0.00E+00	0.00E+00	9.00E-03	0.00E+00	0.00E+00	9.08E-03
217	ALL		483325	3716775	NonCancer	0.00E+00	7.70E-05	1.84E-02	0.00E+00	0.00E+00	1.85E-02	9.06E-03	0.00E+00	1.40E-02	0.00E+00	0.00E+00	1.84E-02	0.00E+00	0.00E+00	1.85E-02
218	ALL		483375	3716775	NonCancer	0.00E+00	2.58E-05	6.46E-03	0.00E+00	0.00E+00	6.52E-03	3.03E-03	0.00E+00	4.68E-03	0.00E+00	0.00E+00	6.46E-03	0.00E+00	0.00E+00	6.52E-03
219	ALL		483425	3716775	NonCancer	0.00E+00	2.07E-05	5.29E-03	0.00E+00	0.00E+00	5.33E-03	2.44E-03	0.00E+00	3.76E-03	0.00E+00	0.00E+00	5.29E-03	0.00E+00	0.00E+00	5.33E-03
220	ALL		483475	3716775	NonCancer	0.00E+00	2.02E-05	5.18E-03	0.00E+00	0.00E+00	5.23E-03	2.38E-03	0.00E+00	3.66E-03	0.00E+00	0.00E+00	5.18E-03	0.00E+00	0.00E+00	5.23E-03
221	ALL		483525	3716775	NonCancer	0.00E+00	1.93E-05	4.99E-03	0.00E+00	0.00E+00	5.03E-03	2.28E-03	0.00E+00	3.51E-03	0.00E+00	0.00E+00	4.99E-03	0.00E+00	0.00E+00	5.03E-03
222	ALL		483575	3716775	NonCancer	0.00E+00	1.87E-05	4.86E-03	0.00E+00	0.00E+00	4.90E-03	2.20E-03	0.00E+00	3.39E-03	0.00E+00	0.00E+00	4.86E-03	0.00E+00	0.00E+00	4.90E-03
223	ALL		483625	3716775	NonCancer	0.00E+00	1.87E-05	4.92E-03	0.00E+00	0.00E+00	4.97E-03	2.20E-03	0.00E+00	3.39E-03	0.00E+00	0.00E+00	4.92E-03	0.00E+00	0.00E+00	4.97E-03
224	ALL		483675	3716775	NonCancer	0.00E+00	1.86E-05	4.94E-03	0.00E+00	0.00E+00	4.98E-03	2.19E-03	0.00E+00	3.38E-03	0.00E+00	0.00E+00	4.94E-03	0.00E+00	0.00E+00	4.98E-03
225	ALL		483725	3716775	NonCancer	0.00E+00	1.86E-05	4.93E-03	0.00E+00	0.00E+00	4.97E-03	2.19E-03	0.00E+00	3.38E-03	0.00E+00	0.00E+00	4.93E-03	0.00E+00	0.00E+00	4.97E-03

*HARP - HRACalc v19044 3/19/2020 1:54:44 PM - Acute Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitAcuteHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
226	ALL		483775	3716775	NonCancer	0.00E+00	1.89E-05	5.03E-03	0.00E+00	0.00E+00	5.07E-03	2.23E-03	0.00E+00	3.43E-03	0.00E+00	0.00E+00	5.03E-03	0.00E+00	0.00E+00	5.07E-03
227	ALL		483825	3716775	NonCancer	0.00E+00	1.84E-05	4.88E-03	0.00E+00	0.00E+00	4.92E-03	2.17E-03	0.00E+00	3.35E-03	0.00E+00	0.00E+00	4.88E-03	0.00E+00	0.00E+00	4.92E-03
228	ALL		483875	3716775	NonCancer	0.00E+00	1.84E-05	4.90E-03	0.00E+00	0.00E+00	4.94E-03	2.17E-03	0.00E+00	3.34E-03	0.00E+00	0.00E+00	4.90E-03	0.00E+00	0.00E+00	4.94E-03
229	ALL		483925	3716775	NonCancer	0.00E+00	1.83E-05	4.87E-03	0.00E+00	0.00E+00	4.91E-03	2.15E-03	0.00E+00	3.31E-03	0.00E+00	0.00E+00	4.87E-03	0.00E+00	0.00E+00	4.91E-03
230	ALL		483975	3716775	NonCancer	0.00E+00	1.84E-05	4.91E-03	0.00E+00	0.00E+00	4.96E-03	2.17E-03	0.00E+00	3.35E-03	0.00E+00	0.00E+00	4.91E-03	0.00E+00	0.00E+00	4.96E-03
231	ALL		484025	3716775	NonCancer	0.00E+00	1.84E-05	4.94E-03	0.00E+00	0.00E+00	4.98E-03	2.17E-03	0.00E+00	3.35E-03	0.00E+00	0.00E+00	4.94E-03	0.00E+00	0.00E+00	4.98E-03
232	ALL		484075	3716775	NonCancer	0.00E+00	1.83E-05	4.90E-03	0.00E+00	0.00E+00	4.94E-03	2.15E-03	0.00E+00	3.32E-03	0.00E+00	0.00E+00	4.90E-03	0.00E+00	0.00E+00	4.94E-03
233	ALL		484125	3716775	NonCancer	0.00E+00	1.81E-05	4.85E-03	0.00E+00	0.00E+00	4.89E-03	2.13E-03	0.00E+00	3.28E-03	0.00E+00	0.00E+00	4.85E-03	0.00E+00	0.00E+00	4.89E-03
234	ALL		484175	3716775	NonCancer	0.00E+00	1.79E-05	4.81E-03	0.00E+00	0.00E+00	4.85E-03	2.11E-03	0.00E+00	3.25E-03	0.00E+00	0.00E+00	4.81E-03	0.00E+00	0.00E+00	4.85E-03
235	ALL		484225	3716775	NonCancer	0.00E+00	1.77E-05	4.76E-03	0.00E+00	0.00E+00	4.80E-03	2.08E-03	0.00E+00	3.21E-03	0.00E+00	0.00E+00	4.76E-03	0.00E+00	0.00E+00	4.80E-03
236	ALL		484275	3716775	NonCancer	0.00E+00	1.75E-05	4.72E-03	0.00E+00	0.00E+00	4.76E-03	2.07E-03	0.00E+00	3.18E-03	0.00E+00	0.00E+00	4.72E-03	0.00E+00	0.00E+00	4.76E-03
237	ALL		484325	3716775	NonCancer	0.00E+00	1.74E-05	4.68E-03	0.00E+00	0.00E+00	4.72E-03	2.04E-03	0.00E+00	3.15E-03	0.00E+00	0.00E+00	4.68E-03	0.00E+00	0.00E+00	4.72E-03
238	ALL		484375	3716775	NonCancer	0.00E+00	1.71E-05	4.65E-03	0.00E+00	0.00E+00	4.68E-03	2.01E-03	0.00E+00	3.10E-03	0.00E+00	0.00E+00	4.65E-03	0.00E+00	0.00E+00	4.68E-03
239	ALL		484425	3716775	NonCancer	0.00E+00	1.74E-05	4.70E-03	0.00E+00	0.00E+00	4.74E-03	2.05E-03	0.00E+00	3.16E-03	0.00E+00	0.00E+00	4.70E-03	0.00E+00	0.00E+00	4.74E-03
240	ALL		484475	3716775	NonCancer	0.00E+00	1.94E-05	5.18E-03	0.00E+00	0.00E+00	5.22E-03	2.29E-03	0.00E+00	3.53E-03	0.00E+00	0.00E+00	5.18E-03	0.00E+00	0.00E+00	5.22E-03
241	ALL		484525	3716775	NonCancer	0.00E+00	2.01E-05	5.36E-03	0.00E+00	0.00E+00	5.40E-03	2.37E-03	0.00E+00	3.66E-03	0.00E+00	0.00E+00	5.36E-03	0.00E+00	0.00E+00	5.40E-03
242	ALL		484575	3716775	NonCancer	0.00E+00	1.93E-05	5.33E-03	0.00E+00	0.00E+00	5.37E-03	2.27E-03	0.00E+00	3.50E-03	0.00E+00	0.00E+00	5.33E-03	0.00E+00	0.00E+00	5.37E-03
243	ALL		484625	3716775	NonCancer	0.00E+00	1.76E-05	5.00E-03	0.00E+00	0.00E+00	5.04E-03	2.08E-03	0.00E+00	3.20E-03	0.00E+00	0.00E+00	5.00E-03	0.00E+00	0.00E+00	5.04E-03
244	ALL		484675	3716775	NonCancer	0.00E+00	1.75E-05	4.79E-03	0.00E+00	0.00E+00	4.83E-03	2.06E-03	0.00E+00	3.18E-03	0.00E+00	0.00E+00	4.79E-03	0.00E+00	0.00E+00	4.83E-03
245	ALL		484725	3716775	NonCancer	0.00E+00	1.71E-05	4.59E-03	0.00E+00	0.00E+00	4.63E-03	2.01E-03	0.00E+00	3.10E-03	0.00E+00	0.00E+00	4.59E-03	0.00E+00	0.00E+00	4.63E-03
246	ALL		484775	3716775	NonCancer	0.00E+00	1.75E-05	4.75E-03	0.00E+00	0.00E+00	4.79E-03	2.06E-03	0.00E+00	3.18E-03	0.00E+00	0.00E+00	4.75E-03	0.00E+00	0.00E+00	4.79E-03
247	ALL		484825	3716775	NonCancer	0.00E+00	1.79E-05	4.81E-03	0.00E+00	0.00E+00	4.85E-03	2.11E-03	0.00E+00	3.25E-03	0.00E+00	0.00E+00	4.81E-03	0.00E+00	0.00E+00	4.85E-03
248	ALL		484875	3716775	NonCancer	0.00E+00	1.90E-05	5.03E-03	0.00E+00	0.00E+00	5.08E-03	2.24E-03	0.00E+00	3.46E-03	0.00E+00	0.00E+00	5.03E-03	0.00E+00	0.00E+00	5.08E-03
249	ALL		484925	3716775	NonCancer	0.00E+00	1.95E-05	5.13E-03	0.00E+00	0.00E+00	5.17E-03	2.30E-03	0.00E+00	3.54E-03	0.00E+00	0.00E+00	5.13E-03	0.00E+00	0.00E+00	5.17E-03
250	ALL		484975	3716775	NonCancer	0.00E+00	1.90E-05	5.02E-03	0.00E+00	0.00E+00	5.06E-03	2.23E-03	0.00E+00	3.44E-03	0.00E+00	0.00E+00	5.02E-03	0.00E+00	0.00E+00	5.06E-03
251	ALL		485025	3716775	NonCancer	0.00E+00	1.79E-05	4.93E-03	0.00E+00	0.00E+00	4.97E-03	2.11E-03	0.00E+00	3.25E-03	0.00E+00	0.00E+00	4.93E-03	0.00E+00	0.00E+00	4.97E-03
252	ALL		485075	3716775	NonCancer	0.00E+00	1.68E-05	4.79E-03	0.00E+00	0.00E+00	4.82E-03	1.98E-03	0.00E+00	3.05E-03	0.00E+00	0.00E+00	4.79E-03	0.00E+00	0.00E+00	4.82E-03
253	ALL		485125	3716775	NonCancer	0.00E+00	1.55E-05	4.49E-03	0.00E+00	0.00E+00	4.53E-03	1.83E-03	0.00E+00	2.82E-03	0.00E+00	0.00E+00	4.49E-03	0.00E+00	0.00E+00	4.53E-03
254	ALL		485175	3716775	NonCancer	0.00E+00	1.58E-05	4.44E-03	0.00E+00	0.00E+00	4.48E-03	1.86E-03	0.00E+00	2.86E-03	0.00E+00	0.00E+00	4.44E-03	0.00E+00	0.00E+00	4.48E-03
255	ALL		485225	3716775	NonCancer	0.00E+00	1.54E-05	4.19E-03	0.00E+00	0.00E+00	4.23E-03	1.82E-03	0.00E+00	2.80E-03	0.00E+00	0.00E+00	4.19E-03	0.00E+00	0.00E+00	4.23E-03
256	ALL		485275	3716775	NonCancer	0.00E+00	1.46E-05	3.90E-03	0.00E+00	0.00E+00	3.93E-03	1.72E-03	0.00E+00	2.65E-03	0.00E+00	0.00E+00	3.90E-03	0.00E+00	0.00E+00	3.93E-03
257	ALL		485325	3716775	NonCancer	0.00E+00	1.35E-05	3.69E-03	0.00E+00	0.00E+00	3.72E-03	1.59E-03	0.00E+00	2.45E-03	0.00E+00	0.00E+00	3.69E-03	0.00E+00	0.00E+00	3.72E-03
258	ALL		485375	3716775	NonCancer	0.00E+00	1.25E-05	3.48E-03	0.00E+00	0.00E+00	3.51E-03	1.47E-03	0.00E+00	2.26E-03	0.00E+00	0.00E+00	3.48E-03	0.00E+00	0.00E+00	3.51E-03
259	ALL		485425	3716775	NonCancer	0.00E+00	1.17E-05	3.29E-03	0.00E+00	0.00E+00	3.32E-03	1.38E-03	0.00E+00	2.12E-03	0.00E+00	0.00E+00	3.29E-03	0.00E+00	0.00E+00	3.32E-03
260	ALL		485475	3716775	NonCancer	0.00E+00	1.10E-05	3.12E-03	0.00E+00	0.00E+00	3.15E-03	1.30E-03	0.00E+00	2.00E-03	0.00E+00	0.00E+00	3.12E-03	0.00E+00	0.00E+00	3.15E-03
261	ALL		482925	3716825	NonCancer	0.00E+00	1.40E-05	3.65E-03	0.00E+00	0.00E+00	3.68E-03	1.64E-03	0.00E+00	2.53E-03	0.00E+00	0.00E+00	3.65E-03	0.00E+00	0.00E+00	3.68E-03
262	ALL		482975	3716825	NonCancer	0.00E+00	1.49E-05	3.90E-03	0.00E+00	0.00E+00	3.93E-03	1.75E-03	0.00E+00	2.70E-03	0.00E+00	0.00E+00	3.90E-03	0.00E+00	0.00E+00	3.93E-03
263	ALL		483025	3716825	NonCancer	0.00E+00	1.60E-05	4.17E-03	0.00E+00	0.00E+00	4.21E-03	1.88E-03	0.00E+00	2.90E-03	0.00E+00	0.00E+00	4.17E-03	0.00E+00	0.00E+00	4.21E-03
264	ALL		483075	3716825	NonCancer	0.00E+00	1.74E-05	4.50E-03	0.00E+00	0.00E+00	4.54E-03	2.05E-03	0.00E+00	3.16E-03	0.00E+00	0.00E+00	4.50E-03	0.00E+00	0.00E+00	4.54E-03
265	ALL		483125	3716825	NonCancer	0.00E+00	1.93E-05	4.95E-03	0.00E+00	0.00E+00	4.99E-03	2.27E-03	0.00E+00	3.51E-03	0.00E+00	0.00E+00	4.95E-03	0.00E+00	0.00E+00	4.99E-03
266	ALL		483175	3716825	NonCancer	0.00E+00	2.25E-05	5.67E-03	0.00E+00	0.00E+00	5.72E-03	2.64E-03	0.00E+00	4.08E-03	0.00E+00	0.00E+00	5.67E-03	0.00E+00	0.00E+00	5.72E-03
267	ALL		483225	3716825	NonCancer	0.00E+00	2.42E-05	6.09E-03	0.00E+00	0.00E+00	6.14E-03	2.86E-03	0.00E+00	4.40E-03	0.00E+00	0.00E+00	6.09E-03	0.00E+00	0.00E+00	6.14E-03
268	ALL		483275	3716825	NonCancer	0.00E+00	2.96E-05	7.35E-03	0.00E+00	0.00E+00	7.42E-03	3.49E-03	0.00E+00	5.38E-03	0.00E+00	0.00E+00	7.35E-03	0.00E+00	0.00E+00	7.42E-03
269	ALL		483325	3716825	NonCancer	0.00E+00	8.91E-05	2.12E-02	0.00E+00	0.00E+00	2.14E-02	1.05E-02	0.00E+00	1.62E-02	0.00E+00	0.00E+00	2.12E-02	0.00E+00	0.00E+00	2.14E-02
270	ALL		483375	3716825	NonCancer	0.00E+00	3.21E-05	7.97E-03	0.00E+00	0.00E+00	8.04E-03	3.78E-03	0.00E+00	5.83E-03	0.00E+00	0.00E+00	7.97E-03	0.00E+00	0.00E+00	8.04E-03

*HARP - HRACalc v19044 3/19/2020 1:54:44 PM - Acute Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitAcuteHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
271	ALL		483425	3716825	NonCancer	0.00E+00	2.23E-05	5.69E-03	0.00E+00	0.00E+00	5.74E-03	2.63E-03	0.00E+00	4.05E-03	0.00E+00	0.00E+00	5.69E-03	0.00E+00	0.00E+00	5.74E-03
272	ALL		483475	3716825	NonCancer	0.00E+00	2.17E-05	5.57E-03	0.00E+00	0.00E+00	5.62E-03	2.56E-03	0.00E+00	3.95E-03	0.00E+00	0.00E+00	5.57E-03	0.00E+00	0.00E+00	5.62E-03
273	ALL		483525	3716825	NonCancer	0.00E+00	2.03E-05	5.27E-03	0.00E+00	0.00E+00	5.32E-03	2.39E-03	0.00E+00	3.68E-03	0.00E+00	0.00E+00	5.27E-03	0.00E+00	0.00E+00	5.32E-03
274	ALL		483575	3716825	NonCancer	0.00E+00	1.97E-05	5.13E-03	0.00E+00	0.00E+00	5.18E-03	2.32E-03	0.00E+00	3.57E-03	0.00E+00	0.00E+00	5.13E-03	0.00E+00	0.00E+00	5.18E-03
275	ALL		483625	3716825	NonCancer	0.00E+00	2.00E-05	5.27E-03	0.00E+00	0.00E+00	5.31E-03	2.35E-03	0.00E+00	3.63E-03	0.00E+00	0.00E+00	5.27E-03	0.00E+00	0.00E+00	5.31E-03
276	ALL		483675	3716825	NonCancer	0.00E+00	2.12E-05	5.61E-03	0.00E+00	0.00E+00	5.66E-03	2.50E-03	0.00E+00	3.85E-03	0.00E+00	0.00E+00	5.61E-03	0.00E+00	0.00E+00	5.66E-03
277	ALL		483725	3716825	NonCancer	0.00E+00	2.14E-05	5.67E-03	0.00E+00	0.00E+00	5.72E-03	2.52E-03	0.00E+00	3.88E-03	0.00E+00	0.00E+00	5.67E-03	0.00E+00	0.00E+00	5.72E-03
278	ALL		483775	3716825	NonCancer	0.00E+00	2.11E-05	5.60E-03	0.00E+00	0.00E+00	5.65E-03	2.48E-03	0.00E+00	3.82E-03	0.00E+00	0.00E+00	5.60E-03	0.00E+00	0.00E+00	5.65E-03
279	ALL		483825	3716825	NonCancer	0.00E+00	1.98E-05	5.24E-03	0.00E+00	0.00E+00	5.28E-03	2.33E-03	0.00E+00	3.59E-03	0.00E+00	0.00E+00	5.24E-03	0.00E+00	0.00E+00	5.28E-03
280	ALL		483875	3716825	NonCancer	0.00E+00	1.98E-05	5.27E-03	0.00E+00	0.00E+00	5.32E-03	2.33E-03	0.00E+00	3.59E-03	0.00E+00	0.00E+00	5.27E-03	0.00E+00	0.00E+00	5.32E-03
281	ALL		483925	3716825	NonCancer	0.00E+00	2.01E-05	5.37E-03	0.00E+00	0.00E+00	5.42E-03	2.37E-03	0.00E+00	3.65E-03	0.00E+00	0.00E+00	5.37E-03	0.00E+00	0.00E+00	5.42E-03
282	ALL		483975	3716825	NonCancer	0.00E+00	2.00E-05	5.35E-03	0.00E+00	0.00E+00	5.39E-03	2.36E-03	0.00E+00	3.64E-03	0.00E+00	0.00E+00	5.35E-03	0.00E+00	0.00E+00	5.39E-03
283	ALL		484025	3716825	NonCancer	0.00E+00	2.02E-05	5.40E-03	0.00E+00	0.00E+00	5.45E-03	2.38E-03	0.00E+00	3.66E-03	0.00E+00	0.00E+00	5.40E-03	0.00E+00	0.00E+00	5.45E-03
284	ALL		484075	3716825	NonCancer	0.00E+00	1.99E-05	5.33E-03	0.00E+00	0.00E+00	5.38E-03	2.34E-03	0.00E+00	3.61E-03	0.00E+00	0.00E+00	5.33E-03	0.00E+00	0.00E+00	5.38E-03
285	ALL		484125	3716825	NonCancer	0.00E+00	1.95E-05	5.24E-03	0.00E+00	0.00E+00	5.29E-03	2.30E-03	0.00E+00	3.55E-03	0.00E+00	0.00E+00	5.24E-03	0.00E+00	0.00E+00	5.29E-03
286	ALL		484175	3716825	NonCancer	0.00E+00	1.91E-05	5.15E-03	0.00E+00	0.00E+00	5.19E-03	2.25E-03	0.00E+00	3.47E-03	0.00E+00	0.00E+00	5.15E-03	0.00E+00	0.00E+00	5.19E-03
287	ALL		484225	3716825	NonCancer	0.00E+00	1.90E-05	5.12E-03	0.00E+00	0.00E+00	5.17E-03	2.24E-03	0.00E+00	3.46E-03	0.00E+00	0.00E+00	5.12E-03	0.00E+00	0.00E+00	5.17E-03
288	ALL		484275	3716825	NonCancer	0.00E+00	1.89E-05	5.08E-03	0.00E+00	0.00E+00	5.13E-03	2.23E-03	0.00E+00	3.43E-03	0.00E+00	0.00E+00	5.08E-03	0.00E+00	0.00E+00	5.13E-03
289	ALL		484325	3716825	NonCancer	0.00E+00	1.88E-05	5.05E-03	0.00E+00	0.00E+00	5.10E-03	2.21E-03	0.00E+00	3.41E-03	0.00E+00	0.00E+00	5.05E-03	0.00E+00	0.00E+00	5.10E-03
290	ALL		484375	3716825	NonCancer	0.00E+00	1.83E-05	4.99E-03	0.00E+00	0.00E+00	5.03E-03	2.15E-03	0.00E+00	3.32E-03	0.00E+00	0.00E+00	4.99E-03	0.00E+00	0.00E+00	5.03E-03
291	ALL		484425	3716825	NonCancer	0.00E+00	1.90E-05	5.11E-03	0.00E+00	0.00E+00	5.15E-03	2.24E-03	0.00E+00	3.45E-03	0.00E+00	0.00E+00	5.11E-03	0.00E+00	0.00E+00	5.15E-03
292	ALL		484475	3716825	NonCancer	0.00E+00	2.10E-05	5.57E-03	0.00E+00	0.00E+00	5.62E-03	2.47E-03	0.00E+00	3.81E-03	0.00E+00	0.00E+00	5.57E-03	0.00E+00	0.00E+00	5.62E-03
293	ALL		484525	3716825	NonCancer	0.00E+00	2.14E-05	5.73E-03	0.00E+00	0.00E+00	5.77E-03	2.52E-03	0.00E+00	3.89E-03	0.00E+00	0.00E+00	5.73E-03	0.00E+00	0.00E+00	5.77E-03
294	ALL		484575	3716825	NonCancer	0.00E+00	2.06E-05	5.77E-03	0.00E+00	0.00E+00	5.82E-03	2.43E-03	0.00E+00	3.74E-03	0.00E+00	0.00E+00	5.77E-03	0.00E+00	0.00E+00	5.82E-03
295	ALL		484625	3716825	NonCancer	0.00E+00	2.01E-05	5.62E-03	0.00E+00	0.00E+00	5.66E-03	2.36E-03	0.00E+00	3.64E-03	0.00E+00	0.00E+00	5.62E-03	0.00E+00	0.00E+00	5.66E-03
296	ALL		484675	3716825	NonCancer	0.00E+00	1.98E-05	5.36E-03	0.00E+00	0.00E+00	5.40E-03	2.33E-03	0.00E+00	3.59E-03	0.00E+00	0.00E+00	5.36E-03	0.00E+00	0.00E+00	5.40E-03
297	ALL		484725	3716825	NonCancer	0.00E+00	1.87E-05	5.05E-03	0.00E+00	0.00E+00	5.09E-03	2.21E-03	0.00E+00	3.40E-03	0.00E+00	0.00E+00	5.05E-03	0.00E+00	0.00E+00	5.09E-03
298	ALL		484775	3716825	NonCancer	0.00E+00	1.88E-05	5.04E-03	0.00E+00	0.00E+00	5.08E-03	2.22E-03	0.00E+00	3.42E-03	0.00E+00	0.00E+00	5.04E-03	0.00E+00	0.00E+00	5.08E-03
299	ALL		484825	3716825	NonCancer	0.00E+00	2.05E-05	5.43E-03	0.00E+00	0.00E+00	5.48E-03	2.41E-03	0.00E+00	3.72E-03	0.00E+00	0.00E+00	5.43E-03	0.00E+00	0.00E+00	5.48E-03
300	ALL		484875	3716825	NonCancer	0.00E+00	2.11E-05	5.56E-03	0.00E+00	0.00E+00	5.61E-03	2.49E-03	0.00E+00	3.84E-03	0.00E+00	0.00E+00	5.56E-03	0.00E+00	0.00E+00	5.61E-03
301	ALL		484925	3716825	NonCancer	0.00E+00	2.09E-05	5.50E-03	0.00E+00	0.00E+00	5.55E-03	2.46E-03	0.00E+00	3.79E-03	0.00E+00	0.00E+00	5.50E-03	0.00E+00	0.00E+00	5.55E-03
302	ALL		484975	3716825	NonCancer	0.00E+00	1.96E-05	5.34E-03	0.00E+00	0.00E+00	5.39E-03	2.31E-03	0.00E+00	3.56E-03	0.00E+00	0.00E+00	5.34E-03	0.00E+00	0.00E+00	5.39E-03
303	ALL		485025	3716825	NonCancer	0.00E+00	1.86E-05	5.27E-03	0.00E+00	0.00E+00	5.31E-03	2.19E-03	0.00E+00	3.37E-03	0.00E+00	0.00E+00	5.27E-03	0.00E+00	0.00E+00	5.31E-03
304	ALL		485075	3716825	NonCancer	0.00E+00	1.70E-05	4.92E-03	0.00E+00	0.00E+00	4.96E-03	2.00E-03	0.00E+00	3.08E-03	0.00E+00	0.00E+00	4.92E-03	0.00E+00	0.00E+00	4.96E-03
305	ALL		485125	3716825	NonCancer	0.00E+00	1.71E-05	4.85E-03	0.00E+00	0.00E+00	4.88E-03	2.01E-03	0.00E+00	3.10E-03	0.00E+00	0.00E+00	4.85E-03	0.00E+00	0.00E+00	4.88E-03
306	ALL		485175	3716825	NonCancer	0.00E+00	1.67E-05	4.58E-03	0.00E+00	0.00E+00	4.61E-03	1.97E-03	0.00E+00	3.04E-03	0.00E+00	0.00E+00	4.58E-03	0.00E+00	0.00E+00	4.61E-03
307	ALL		485225	3716825	NonCancer	0.00E+00	1.58E-05	4.22E-03	0.00E+00	0.00E+00	4.25E-03	1.86E-03	0.00E+00	2.87E-03	0.00E+00	0.00E+00	4.22E-03	0.00E+00	0.00E+00	4.25E-03
308	ALL		485275	3716825	NonCancer	0.00E+00	1.45E-05	3.98E-03	0.00E+00	0.00E+00	4.01E-03	1.71E-03	0.00E+00	2.64E-03	0.00E+00	0.00E+00	3.98E-03	0.00E+00	0.00E+00	4.01E-03
309	ALL		485325	3716825	NonCancer	0.00E+00	1.33E-05	3.72E-03	0.00E+00	0.00E+00	3.75E-03	1.56E-03	0.00E+00	2.41E-03	0.00E+00	0.00E+00	3.72E-03	0.00E+00	0.00E+00	3.75E-03
310	ALL		485375	3716825	NonCancer	0.00E+00	1.25E-05	3.52E-03	0.00E+00	0.00E+00	3.55E-03	1.47E-03	0.00E+00	2.26E-03	0.00E+00	0.00E+00	3.52E-03	0.00E+00	0.00E+00	3.55E-03
311	ALL		485425	3716825	NonCancer	0.00E+00	1.15E-05	3.26E-03	0.00E+00	0.00E+00	3.29E-03	1.35E-03	0.00E+00	2.08E-03	0.00E+00	0.00E+00	3.26E-03	0.00E+00	0.00E+00	3.29E-03
312	ALL		485475	3716825	NonCancer	0.00E+00	1.15E-05	3.21E-03	0.00E+00	0.00E+00	3.24E-03	1.35E-03	0.00E+00	2.09E-03	0.00E+00	0.00E+00	3.21E-03	0.00E+00	0.00E+00	3.24E-03
313	ALL		482925	3716875	NonCancer	0.00E+00	1.43E-05	3.74E-03	0.00E+00	0.00E+00	3.78E-03	1.69E-03	0.00E+00	2.60E-03	0.00E+00	0.00E+00	3.74E-03	0.00E+00	0.00E+00	3.78E-03
314	ALL		482975	3716875	NonCancer	0.00E+00	1.52E-05	3.96E-03	0.00E+00	0.00E+00	4.00E-03	1.79E-03	0.00E+00	2.76E-03	0.00E+00	0.00E+00	3.96E-03	0.00E+00	0.00E+00	4.00E-03
315	ALL		483025	3716875	NonCancer	0.00E+00	1.64E-05	4.27E-03	0.00E+00	0.00E+00	4.31E-03	1.93E-03	0.00E+00	2.97E-03	0.00E+00	0.00E+00	4.27E-03	0.00E+00	0.00E+00	4.31E-03

*HARP - HRACalc v19044 3/19/2020 1:54:44 PM - Acute Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitAcuteHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
316	ALL		483075	3716875	NonCancer	0.00E+00	1.79E-05	4.65E-03	0.00E+00	0.00E+00	4.69E-03	2.10E-03	0.00E+00	3.24E-03	0.00E+00	0.00E+00	4.65E-03	0.00E+00	0.00E+00	4.69E-03
317	ALL		483125	3716875	NonCancer	0.00E+00	1.93E-05	4.97E-03	0.00E+00	0.00E+00	5.02E-03	2.27E-03	0.00E+00	3.50E-03	0.00E+00	0.00E+00	4.97E-03	0.00E+00	0.00E+00	5.02E-03
318	ALL		483175	3716875	NonCancer	0.00E+00	2.23E-05	5.66E-03	0.00E+00	0.00E+00	5.71E-03	2.63E-03	0.00E+00	4.05E-03	0.00E+00	0.00E+00	5.66E-03	0.00E+00	0.00E+00	5.71E-03
319	ALL		483225	3716875	NonCancer	0.00E+00	2.54E-05	6.38E-03	0.00E+00	0.00E+00	6.44E-03	2.99E-03	0.00E+00	4.60E-03	0.00E+00	0.00E+00	6.38E-03	0.00E+00	0.00E+00	6.44E-03
320	ALL		483275	3716875	NonCancer	0.00E+00	3.01E-05	7.49E-03	0.00E+00	0.00E+00	7.56E-03	3.54E-03	0.00E+00	5.46E-03	0.00E+00	0.00E+00	7.49E-03	0.00E+00	0.00E+00	7.56E-03
321	ALL		483325	3716875	NonCancer	0.00E+00	6.44E-05	1.55E-02	0.00E+00	0.00E+00	1.56E-02	7.58E-03	0.00E+00	1.17E-02	0.00E+00	0.00E+00	1.55E-02	0.00E+00	0.00E+00	1.56E-02
322	ALL		483375	3716875	NonCancer	0.00E+00	4.74E-05	1.15E-02	0.00E+00	0.00E+00	1.17E-02	5.59E-03	0.00E+00	8.61E-03	0.00E+00	0.00E+00	1.15E-02	0.00E+00	0.00E+00	1.17E-02
323	ALL		483425	3716875	NonCancer	0.00E+00	2.39E-05	6.09E-03	0.00E+00	0.00E+00	6.15E-03	2.82E-03	0.00E+00	4.35E-03	0.00E+00	0.00E+00	6.09E-03	0.00E+00	0.00E+00	6.15E-03
324	ALL		483475	3716875	NonCancer	0.00E+00	2.30E-05	5.94E-03	0.00E+00	0.00E+00	5.99E-03	2.71E-03	0.00E+00	4.18E-03	0.00E+00	0.00E+00	5.94E-03	0.00E+00	0.00E+00	5.99E-03
325	ALL		483525	3716875	NonCancer	0.00E+00	2.23E-05	5.82E-03	0.00E+00	0.00E+00	5.87E-03	2.63E-03	0.00E+00	4.05E-03	0.00E+00	0.00E+00	5.82E-03	0.00E+00	0.00E+00	5.87E-03
326	ALL		483575	3716875	NonCancer	0.00E+00	2.26E-05	5.94E-03	0.00E+00	0.00E+00	5.99E-03	2.66E-03	0.00E+00	4.10E-03	0.00E+00	0.00E+00	5.94E-03	0.00E+00	0.00E+00	5.99E-03
327	ALL		483625	3716875	NonCancer	0.00E+00	2.28E-05	5.99E-03	0.00E+00	0.00E+00	6.05E-03	2.68E-03	0.00E+00	4.13E-03	0.00E+00	0.00E+00	5.99E-03	0.00E+00	0.00E+00	6.05E-03
328	ALL		483675	3716875	NonCancer	0.00E+00	3.41E-05	8.70E-03	0.00E+00	0.00E+00	8.78E-03	4.01E-03	0.00E+00	6.18E-03	0.00E+00	0.00E+00	8.70E-03	0.00E+00	0.00E+00	8.78E-03
329	ALL		483725	3716875	NonCancer	0.00E+00	2.95E-05	7.66E-03	0.00E+00	0.00E+00	7.73E-03	3.47E-03	0.00E+00	5.36E-03	0.00E+00	0.00E+00	7.66E-03	0.00E+00	0.00E+00	7.73E-03
330	ALL		483775	3716875	NonCancer	0.00E+00	2.24E-05	5.94E-03	0.00E+00	0.00E+00	6.00E-03	2.64E-03	0.00E+00	4.06E-03	0.00E+00	0.00E+00	5.94E-03	0.00E+00	0.00E+00	6.00E-03
331	ALL		483825	3716875	NonCancer	0.00E+00	2.13E-05	5.66E-03	0.00E+00	0.00E+00	5.71E-03	2.51E-03	0.00E+00	3.87E-03	0.00E+00	0.00E+00	5.66E-03	0.00E+00	0.00E+00	5.71E-03
332	ALL		483875	3716875	NonCancer	0.00E+00	2.31E-05	6.14E-03	0.00E+00	0.00E+00	6.20E-03	2.72E-03	0.00E+00	4.19E-03	0.00E+00	0.00E+00	6.14E-03	0.00E+00	0.00E+00	6.20E-03
333	ALL		483925	3716875	NonCancer	0.00E+00	2.36E-05	6.31E-03	0.00E+00	0.00E+00	6.37E-03	2.78E-03	0.00E+00	4.29E-03	0.00E+00	0.00E+00	6.31E-03	0.00E+00	0.00E+00	6.37E-03
334	ALL		483975	3716875	NonCancer	0.00E+00	2.31E-05	6.19E-03	0.00E+00	0.00E+00	6.24E-03	2.72E-03	0.00E+00	4.20E-03	0.00E+00	0.00E+00	6.19E-03	0.00E+00	0.00E+00	6.24E-03
335	ALL		484025	3716875	NonCancer	0.00E+00	2.30E-05	6.16E-03	0.00E+00	0.00E+00	6.22E-03	2.71E-03	0.00E+00	4.18E-03	0.00E+00	0.00E+00	6.16E-03	0.00E+00	0.00E+00	6.22E-03
336	ALL		484075	3716875	NonCancer	0.00E+00	2.19E-05	5.87E-03	0.00E+00	0.00E+00	5.92E-03	2.58E-03	0.00E+00	3.97E-03	0.00E+00	0.00E+00	5.87E-03	0.00E+00	0.00E+00	5.92E-03
337	ALL		484125	3716875	NonCancer	0.00E+00	2.15E-05	5.78E-03	0.00E+00	0.00E+00	5.83E-03	2.54E-03	0.00E+00	3.91E-03	0.00E+00	0.00E+00	5.78E-03	0.00E+00	0.00E+00	5.83E-03
338	ALL		484175	3716875	NonCancer	0.00E+00	2.07E-05	5.58E-03	0.00E+00	0.00E+00	5.62E-03	2.44E-03	0.00E+00	3.76E-03	0.00E+00	0.00E+00	5.58E-03	0.00E+00	0.00E+00	5.62E-03
339	ALL		484225	3716875	NonCancer	0.00E+00	2.07E-05	5.57E-03	0.00E+00	0.00E+00	5.62E-03	2.44E-03	0.00E+00	3.76E-03	0.00E+00	0.00E+00	5.57E-03	0.00E+00	0.00E+00	5.62E-03
340	ALL		484275	3716875	NonCancer	0.00E+00	2.06E-05	5.54E-03	0.00E+00	0.00E+00	5.59E-03	2.43E-03	0.00E+00	3.74E-03	0.00E+00	0.00E+00	5.54E-03	0.00E+00	0.00E+00	5.59E-03
341	ALL		484325	3716875	NonCancer	0.00E+00	2.05E-05	5.50E-03	0.00E+00	0.00E+00	5.55E-03	2.41E-03	0.00E+00	3.72E-03	0.00E+00	0.00E+00	5.50E-03	0.00E+00	0.00E+00	5.55E-03
342	ALL		484375	3716875	NonCancer	0.00E+00	1.98E-05	5.40E-03	0.00E+00	0.00E+00	5.45E-03	2.33E-03	0.00E+00	3.59E-03	0.00E+00	0.00E+00	5.40E-03	0.00E+00	0.00E+00	5.45E-03
343	ALL		484425	3716875	NonCancer	0.00E+00	2.10E-05	5.62E-03	0.00E+00	0.00E+00	5.67E-03	2.48E-03	0.00E+00	3.82E-03	0.00E+00	0.00E+00	5.62E-03	0.00E+00	0.00E+00	5.67E-03
344	ALL		484475	3716875	NonCancer	0.00E+00	2.27E-05	6.03E-03	0.00E+00	0.00E+00	6.08E-03	2.68E-03	0.00E+00	4.13E-03	0.00E+00	0.00E+00	6.03E-03	0.00E+00	0.00E+00	6.08E-03
345	ALL		484525	3716875	NonCancer	0.00E+00	2.27E-05	6.15E-03	0.00E+00	0.00E+00	6.20E-03	2.67E-03	0.00E+00	4.12E-03	0.00E+00	0.00E+00	6.15E-03	0.00E+00	0.00E+00	6.20E-03
346	ALL		484575	3716875	NonCancer	0.00E+00	2.12E-05	6.00E-03	0.00E+00	0.00E+00	6.05E-03	2.49E-03	0.00E+00	3.84E-03	0.00E+00	0.00E+00	6.00E-03	0.00E+00	0.00E+00	6.05E-03
347	ALL		484625	3716875	NonCancer	0.00E+00	2.91E-05	7.73E-03	0.00E+00	0.00E+00	7.80E-03	3.42E-03	0.00E+00	5.28E-03	0.00E+00	0.00E+00	7.73E-03	0.00E+00	0.00E+00	7.80E-03
348	ALL		484675	3716875	NonCancer	0.00E+00	2.90E-05	7.63E-03	0.00E+00	0.00E+00	7.70E-03	3.42E-03	0.00E+00	5.27E-03	0.00E+00	0.00E+00	7.63E-03	0.00E+00	0.00E+00	7.70E-03
349	ALL		484725	3716875	NonCancer	0.00E+00	2.11E-05	5.71E-03	0.00E+00	0.00E+00	5.76E-03	2.48E-03	0.00E+00	3.82E-03	0.00E+00	0.00E+00	5.71E-03	0.00E+00	0.00E+00	5.76E-03
350	ALL		484775	3716875	NonCancer	0.00E+00	2.21E-05	5.90E-03	0.00E+00	0.00E+00	5.95E-03	2.60E-03	0.00E+00	4.01E-03	0.00E+00	0.00E+00	5.90E-03	0.00E+00	0.00E+00	5.95E-03
351	ALL		484825	3716875	NonCancer	0.00E+00	2.30E-05	6.05E-03	0.00E+00	0.00E+00	6.10E-03	2.71E-03	0.00E+00	4.17E-03	0.00E+00	0.00E+00	6.05E-03	0.00E+00	0.00E+00	6.10E-03
352	ALL		484875	3716875	NonCancer	0.00E+00	2.28E-05	5.98E-03	0.00E+00	0.00E+00	6.04E-03	2.68E-03	0.00E+00	4.14E-03	0.00E+00	0.00E+00	5.98E-03	0.00E+00	0.00E+00	6.04E-03
353	ALL		484925	3716875	NonCancer	0.00E+00	2.15E-05	5.78E-03	0.00E+00	0.00E+00	5.83E-03	2.53E-03	0.00E+00	3.90E-03	0.00E+00	0.00E+00	5.78E-03	0.00E+00	0.00E+00	5.83E-03
354	ALL		484975	3716875	NonCancer	0.00E+00	2.04E-05	5.73E-03	0.00E+00	0.00E+00	5.78E-03	2.40E-03	0.00E+00	3.70E-03	0.00E+00	0.00E+00	5.73E-03	0.00E+00	0.00E+00	5.78E-03
355	ALL		485025	3716875	NonCancer	0.00E+00	1.88E-05	5.44E-03	0.00E+00	0.00E+00	5.48E-03	2.22E-03	0.00E+00	3.42E-03	0.00E+00	0.00E+00	5.44E-03	0.00E+00	0.00E+00	5.48E-03
356	ALL		485075	3716875	NonCancer	0.00E+00	1.87E-05	5.33E-03	0.00E+00	0.00E+00	5.38E-03	2.20E-03	0.00E+00	3.40E-03	0.00E+00	0.00E+00	5.33E-03	0.00E+00	0.00E+00	5.38E-03
357	ALL		485125	3716875	NonCancer	0.00E+00	1.84E-05	5.06E-03	0.00E+00	0.00E+00	5.10E-03	2.16E-03	0.00E+00	3.33E-03	0.00E+00	0.00E+00	5.06E-03	0.00E+00	0.00E+00	5.10E-03
358	ALL		485175	3716875	NonCancer	0.00E+00	1.73E-05	4.61E-03	0.00E+00	0.00E+00	4.65E-03	2.04E-03	0.00E+00	3.14E-03	0.00E+00	0.00E+00	4.61E-03	0.00E+00	0.00E+00	4.65E-03
359	ALL		485225	3716875	NonCancer	0.00E+00	1.58E-05	4.33E-03	0.00E+00	0.00E+00	4.37E-03	1.86E-03	0.00E+00	2.87E-03	0.00E+00	0.00E+00	4.33E-03	0.00E+00	0.00E+00	4.37E-03
360	ALL		485275	3716875	NonCancer	0.00E+00	1.43E-05	4.02E-03	0.00E+00	0.00E+00	4.05E-03	1.68E-03	0.00E+00	2.60E-03	0.00E+00	0.00E+00	4.02E-03	0.00E+00	0.00E+00	4.05E-03

*HARP - HRACalc v19044 3/19/2020 1:54:44 PM - Acute Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitAcuteHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
361	ALL		485325	3716875	NonCancer	0.00E+00	1.33E-05	3.78E-03	0.00E+00	0.00E+00	3.81E-03	1.57E-03	0.00E+00	2.42E-03	0.00E+00	0.00E+00	3.78E-03	0.00E+00	0.00E+00	3.81E-03
362	ALL		485375	3716875	NonCancer	0.00E+00	1.22E-05	3.47E-03	0.00E+00	0.00E+00	3.50E-03	1.44E-03	0.00E+00	2.21E-03	0.00E+00	0.00E+00	3.47E-03	0.00E+00	0.00E+00	3.50E-03
363	ALL		485425	3716875	NonCancer	0.00E+00	1.16E-05	3.26E-03	0.00E+00	0.00E+00	3.29E-03	1.36E-03	0.00E+00	2.10E-03	0.00E+00	0.00E+00	3.26E-03	0.00E+00	0.00E+00	3.29E-03
364	ALL		485475	3716875	NonCancer	0.00E+00	1.15E-05	3.14E-03	0.00E+00	0.00E+00	3.17E-03	1.35E-03	0.00E+00	2.08E-03	0.00E+00	0.00E+00	3.14E-03	0.00E+00	0.00E+00	3.17E-03
365	ALL		482925	3716925	NonCancer	0.00E+00	1.50E-05	3.95E-03	0.00E+00	0.00E+00	3.99E-03	1.77E-03	0.00E+00	2.73E-03	0.00E+00	0.00E+00	3.95E-03	0.00E+00	0.00E+00	3.99E-03
366	ALL		482975	3716925	NonCancer	0.00E+00	1.59E-05	4.18E-03	0.00E+00	0.00E+00	4.22E-03	1.88E-03	0.00E+00	2.89E-03	0.00E+00	0.00E+00	4.18E-03	0.00E+00	0.00E+00	4.22E-03
367	ALL		483025	3716925	NonCancer	0.00E+00	1.70E-05	4.46E-03	0.00E+00	0.00E+00	4.50E-03	2.01E-03	0.00E+00	3.09E-03	0.00E+00	0.00E+00	4.46E-03	0.00E+00	0.00E+00	4.50E-03
368	ALL		483075	3716925	NonCancer	0.00E+00	1.79E-05	4.66E-03	0.00E+00	0.00E+00	4.71E-03	2.11E-03	0.00E+00	3.26E-03	0.00E+00	0.00E+00	4.66E-03	0.00E+00	0.00E+00	4.71E-03
369	ALL		483125	3716925	NonCancer	0.00E+00	1.96E-05	5.06E-03	0.00E+00	0.00E+00	5.10E-03	2.31E-03	0.00E+00	3.56E-03	0.00E+00	0.00E+00	5.06E-03	0.00E+00	0.00E+00	5.10E-03
370	ALL		483175	3716925	NonCancer	0.00E+00	2.18E-05	5.57E-03	0.00E+00	0.00E+00	5.62E-03	2.57E-03	0.00E+00	3.95E-03	0.00E+00	0.00E+00	5.57E-03	0.00E+00	0.00E+00	5.62E-03
371	ALL		483225	3716925	NonCancer	0.00E+00	2.49E-05	6.31E-03	0.00E+00	0.00E+00	6.37E-03	2.94E-03	0.00E+00	4.53E-03	0.00E+00	0.00E+00	6.31E-03	0.00E+00	0.00E+00	6.37E-03
372	ALL		483275	3716925	NonCancer	0.00E+00	2.74E-05	6.88E-03	0.00E+00	0.00E+00	6.94E-03	3.23E-03	0.00E+00	4.98E-03	0.00E+00	0.00E+00	6.88E-03	0.00E+00	0.00E+00	6.94E-03
373	ALL		483325	3716925	NonCancer	0.00E+00	3.89E-05	9.58E-03	0.00E+00	0.00E+00	9.67E-03	4.59E-03	0.00E+00	7.07E-03	0.00E+00	0.00E+00	9.58E-03	0.00E+00	0.00E+00	9.67E-03
374	ALL		483375	3716925	NonCancer	0.00E+00	8.87E-05	2.12E-02	0.00E+00	0.00E+00	2.14E-02	1.04E-02	0.00E+00	1.61E-02	0.00E+00	0.00E+00	2.12E-02	0.00E+00	0.00E+00	2.14E-02
375	ALL		483425	3716925	NonCancer	0.00E+00	2.94E-05	7.37E-03	0.00E+00	0.00E+00	7.44E-03	3.46E-03	0.00E+00	5.33E-03	0.00E+00	0.00E+00	7.37E-03	0.00E+00	0.00E+00	7.44E-03
376	ALL		483475	3716925	NonCancer	0.00E+00	2.49E-05	6.41E-03	0.00E+00	0.00E+00	6.47E-03	2.93E-03	0.00E+00	4.52E-03	0.00E+00	0.00E+00	6.41E-03	0.00E+00	0.00E+00	6.47E-03
377	ALL		483525	3716925	NonCancer	0.00E+00	2.45E-05	6.41E-03	0.00E+00	0.00E+00	6.47E-03	2.89E-03	0.00E+00	4.46E-03	0.00E+00	0.00E+00	6.41E-03	0.00E+00	0.00E+00	6.47E-03
378	ALL		483575	3716925	NonCancer	0.00E+00	4.21E-05	1.05E-02	0.00E+00	0.00E+00	1.06E-02	4.96E-03	0.00E+00	7.64E-03	0.00E+00	0.00E+00	1.05E-02	0.00E+00	0.00E+00	1.06E-02
379	ALL		483625	3716925	NonCancer	0.00E+00	5.23E-05	1.37E-02	0.00E+00	0.00E+00	1.38E-02	6.16E-03	0.00E+00	9.49E-03	0.00E+00	0.00E+00	1.37E-02	0.00E+00	0.00E+00	1.38E-02
380	ALL		483675	3716925	NonCancer	0.00E+00	6.54E-05	1.75E-02	0.00E+00	0.00E+00	1.77E-02	7.70E-03	0.00E+00	1.19E-02	0.00E+00	0.00E+00	1.75E-02	0.00E+00	0.00E+00	1.77E-02
381	ALL		483725	3716925	NonCancer	0.00E+00	3.10E-05	8.05E-03	0.00E+00	0.00E+00	8.12E-03	3.65E-03	0.00E+00	5.63E-03	0.00E+00	0.00E+00	8.05E-03	0.00E+00	0.00E+00	8.12E-03
382	ALL		483775	3716925	NonCancer	0.00E+00	2.60E-05	6.89E-03	0.00E+00	0.00E+00	6.95E-03	3.06E-03	0.00E+00	4.72E-03	0.00E+00	0.00E+00	6.89E-03	0.00E+00	0.00E+00	6.95E-03
383	ALL		483825	3716925	NonCancer	0.00E+00	2.79E-05	7.35E-03	0.00E+00	0.00E+00	7.42E-03	3.28E-03	0.00E+00	5.06E-03	0.00E+00	0.00E+00	7.35E-03	0.00E+00	0.00E+00	7.42E-03
384	ALL		483875	3716925	NonCancer	0.00E+00	4.09E-05	1.04E-02	0.00E+00	0.00E+00	1.05E-02	4.82E-03	0.00E+00	7.42E-03	0.00E+00	0.00E+00	1.04E-02	0.00E+00	0.00E+00	1.05E-02
385	ALL		483925	3716925	NonCancer	0.00E+00	4.40E-05	1.12E-02	0.00E+00	0.00E+00	1.13E-02	5.19E-03	0.00E+00	7.99E-03	0.00E+00	0.00E+00	1.12E-02	0.00E+00	0.00E+00	1.13E-02
386	ALL		483975	3716925	NonCancer	0.00E+00	4.45E-05	1.13E-02	0.00E+00	0.00E+00	1.14E-02	5.24E-03	0.00E+00	8.07E-03	0.00E+00	0.00E+00	1.13E-02	0.00E+00	0.00E+00	1.14E-02
387	ALL		484025	3716925	NonCancer	0.00E+00	3.58E-05	9.30E-03	0.00E+00	0.00E+00	9.38E-03	4.22E-03	0.00E+00	6.50E-03	0.00E+00	0.00E+00	9.30E-03	0.00E+00	0.00E+00	9.38E-03
388	ALL		484075	3716925	NonCancer	0.00E+00	2.63E-05	7.08E-03	0.00E+00	0.00E+00	7.14E-03	3.10E-03	0.00E+00	4.78E-03	0.00E+00	0.00E+00	7.08E-03	0.00E+00	0.00E+00	7.14E-03
389	ALL		484125	3716925	NonCancer	0.00E+00	2.48E-05	6.67E-03	0.00E+00	0.00E+00	6.73E-03	2.92E-03	0.00E+00	4.50E-03	0.00E+00	0.00E+00	6.67E-03	0.00E+00	0.00E+00	6.73E-03
390	ALL		484175	3716925	NonCancer	0.00E+00	2.33E-05	6.27E-03	0.00E+00	0.00E+00	6.33E-03	2.75E-03	0.00E+00	4.23E-03	0.00E+00	0.00E+00	6.27E-03	0.00E+00	0.00E+00	6.33E-03
391	ALL		484225	3716925	NonCancer	0.00E+00	2.25E-05	6.06E-03	0.00E+00	0.00E+00	6.11E-03	2.65E-03	0.00E+00	4.09E-03	0.00E+00	0.00E+00	6.06E-03	0.00E+00	0.00E+00	6.11E-03
392	ALL		484275	3716925	NonCancer	0.00E+00	2.25E-05	6.06E-03	0.00E+00	0.00E+00	6.11E-03	2.65E-03	0.00E+00	4.09E-03	0.00E+00	0.00E+00	6.06E-03	0.00E+00	0.00E+00	6.11E-03
393	ALL		484325	3716925	NonCancer	0.00E+00	2.23E-05	5.99E-03	0.00E+00	0.00E+00	6.04E-03	2.63E-03	0.00E+00	4.05E-03	0.00E+00	0.00E+00	5.99E-03	0.00E+00	0.00E+00	6.04E-03
394	ALL		484375	3716925	NonCancer	0.00E+00	2.12E-05	5.80E-03	0.00E+00	0.00E+00	5.85E-03	2.49E-03	0.00E+00	3.84E-03	0.00E+00	0.00E+00	5.80E-03	0.00E+00	0.00E+00	5.85E-03
395	ALL		484425	3716925	NonCancer	0.00E+00	2.31E-05	6.16E-03	0.00E+00	0.00E+00	6.21E-03	2.73E-03	0.00E+00	4.20E-03	0.00E+00	0.00E+00	6.16E-03	0.00E+00	0.00E+00	6.21E-03
396	ALL		484475	3716925	NonCancer	0.00E+00	2.45E-05	6.50E-03	0.00E+00	0.00E+00	6.56E-03	2.89E-03	0.00E+00	4.46E-03	0.00E+00	0.00E+00	6.50E-03	0.00E+00	0.00E+00	6.56E-03
397	ALL		484525	3716925	NonCancer	0.00E+00	2.37E-05	6.53E-03	0.00E+00	0.00E+00	6.59E-03	2.79E-03	0.00E+00	4.30E-03	0.00E+00	0.00E+00	6.53E-03	0.00E+00	0.00E+00	6.59E-03
398	ALL		484575	3716925	NonCancer	0.00E+00	2.20E-05	6.28E-03	0.00E+00	0.00E+00	6.33E-03	2.59E-03	0.00E+00	4.00E-03	0.00E+00	0.00E+00	6.28E-03	0.00E+00	0.00E+00	6.33E-03
399	ALL		484625	3716925	NonCancer	0.00E+00	2.40E-05	6.54E-03	0.00E+00	0.00E+00	6.60E-03	2.83E-03	0.00E+00	4.36E-03	0.00E+00	0.00E+00	6.54E-03	0.00E+00	0.00E+00	6.60E-03
400	ALL		484675	3716925	NonCancer	0.00E+00	4.43E-05	1.12E-02	0.00E+00	0.00E+00	1.13E-02	5.22E-03	0.00E+00	8.05E-03	0.00E+00	0.00E+00	1.12E-02	0.00E+00	0.00E+00	1.13E-02
401	ALL		484725	3716925	NonCancer	0.00E+00	4.08E-05	1.04E-02	0.00E+00	0.00E+00	1.05E-02	4.80E-03	0.00E+00	7.41E-03	0.00E+00	0.00E+00	1.04E-02	0.00E+00	0.00E+00	1.05E-02
402	ALL		484775	3716925	NonCancer	0.00E+00	2.85E-05	7.49E-03	0.00E+00	0.00E+00	7.56E-03	3.35E-03	0.00E+00	5.17E-03	0.00E+00	0.00E+00	7.49E-03	0.00E+00	0.00E+00	7.56E-03
403	ALL		484825	3716925	NonCancer	0.00E+00	2.54E-05	6.70E-03	0.00E+00	0.00E+00	6.76E-03	2.99E-03	0.00E+00	4.61E-03	0.00E+00	0.00E+00	6.70E-03	0.00E+00	0.00E+00	6.76E-03
404	ALL		484875	3716925	NonCancer	0.00E+00	2.41E-05	6.40E-03	0.00E+00	0.00E+00	6.46E-03	2.84E-03	0.00E+00	4.38E-03	0.00E+00	0.00E+00	6.40E-03	0.00E+00	0.00E+00	6.46E-03
405	ALL		484925	3716925	NonCancer	0.00E+00	2.25E-05	6.26E-03	0.00E+00	0.00E+00	6.31E-03	2.65E-03	0.00E+00	4.08E-03	0.00E+00	0.00E+00	6.26E-03	0.00E+00	0.00E+00	6.31E-03

*HARP - HRACalc v19044 3/19/2020 1:54:44 PM - Acute Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitAcuteHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
406	ALL		484975	3716925	NonCancer	0.00E+00	2.09E-05	6.01E-03	0.00E+00	0.00E+00	6.06E-03	2.46E-03	0.00E+00	3.79E-03	0.00E+00	0.00E+00	6.01E-03	0.00E+00	0.00E+00	6.06E-03
407	ALL		485025	3716925	NonCancer	0.00E+00	2.05E-05	5.88E-03	0.00E+00	0.00E+00	5.93E-03	2.42E-03	0.00E+00	3.73E-03	0.00E+00	0.00E+00	5.88E-03	0.00E+00	0.00E+00	5.93E-03
408	ALL		485075	3716925	NonCancer	0.00E+00	2.01E-05	5.59E-03	0.00E+00	0.00E+00	5.63E-03	2.37E-03	0.00E+00	3.66E-03	0.00E+00	0.00E+00	5.59E-03	0.00E+00	0.00E+00	5.63E-03
409	ALL		485125	3716925	NonCancer	0.00E+00	1.91E-05	5.11E-03	0.00E+00	0.00E+00	5.16E-03	2.25E-03	0.00E+00	3.47E-03	0.00E+00	0.00E+00	5.11E-03	0.00E+00	0.00E+00	5.16E-03
410	ALL		485175	3716925	NonCancer	0.00E+00	1.74E-05	4.76E-03	0.00E+00	0.00E+00	4.80E-03	2.05E-03	0.00E+00	3.15E-03	0.00E+00	0.00E+00	4.76E-03	0.00E+00	0.00E+00	4.80E-03
411	ALL		485225	3716925	NonCancer	0.00E+00	1.56E-05	4.38E-03	0.00E+00	0.00E+00	4.42E-03	1.83E-03	0.00E+00	2.83E-03	0.00E+00	0.00E+00	4.38E-03	0.00E+00	0.00E+00	4.42E-03
412	ALL		485275	3716925	NonCancer	0.00E+00	1.44E-05	4.08E-03	0.00E+00	0.00E+00	4.12E-03	1.69E-03	0.00E+00	2.61E-03	0.00E+00	0.00E+00	4.08E-03	0.00E+00	0.00E+00	4.12E-03
413	ALL		485325	3716925	NonCancer	0.00E+00	1.31E-05	3.73E-03	0.00E+00	0.00E+00	3.76E-03	1.54E-03	0.00E+00	2.38E-03	0.00E+00	0.00E+00	3.73E-03	0.00E+00	0.00E+00	3.76E-03
414	ALL		485375	3716925	NonCancer	0.00E+00	1.24E-05	3.49E-03	0.00E+00	0.00E+00	3.51E-03	1.46E-03	0.00E+00	2.25E-03	0.00E+00	0.00E+00	3.49E-03	0.00E+00	0.00E+00	3.51E-03
415	ALL		485425	3716925	NonCancer	0.00E+00	1.19E-05	3.25E-03	0.00E+00	0.00E+00	3.28E-03	1.40E-03	0.00E+00	2.15E-03	0.00E+00	0.00E+00	3.25E-03	0.00E+00	0.00E+00	3.28E-03
416	ALL		485475	3716925	NonCancer	0.00E+00	1.15E-05	3.13E-03	0.00E+00	0.00E+00	3.16E-03	1.35E-03	0.00E+00	2.08E-03	0.00E+00	0.00E+00	3.13E-03	0.00E+00	0.00E+00	3.16E-03
417	ALL		482925	3716975	NonCancer	0.00E+00	1.78E-05	4.62E-03	0.00E+00	0.00E+00	4.67E-03	2.10E-03	0.00E+00	3.23E-03	0.00E+00	0.00E+00	4.62E-03	0.00E+00	0.00E+00	4.67E-03
418	ALL		482975	3716975	NonCancer	0.00E+00	2.54E-05	6.40E-03	0.00E+00	0.00E+00	6.46E-03	2.99E-03	0.00E+00	4.60E-03	0.00E+00	0.00E+00	6.40E-03	0.00E+00	0.00E+00	6.46E-03
419	ALL		483025	3716975	NonCancer	0.00E+00	2.53E-05	6.40E-03	0.00E+00	0.00E+00	6.46E-03	2.98E-03	0.00E+00	4.59E-03	0.00E+00	0.00E+00	6.40E-03	0.00E+00	0.00E+00	6.46E-03
420	ALL		483075	3716975	NonCancer	0.00E+00	1.96E-05	5.10E-03	0.00E+00	0.00E+00	5.15E-03	2.31E-03	0.00E+00	3.57E-03	0.00E+00	0.00E+00	5.10E-03	0.00E+00	0.00E+00	5.15E-03
421	ALL		483125	3716975	NonCancer	0.00E+00	1.98E-05	5.14E-03	0.00E+00	0.00E+00	5.19E-03	2.34E-03	0.00E+00	3.60E-03	0.00E+00	0.00E+00	5.14E-03	0.00E+00	0.00E+00	5.19E-03
422	ALL		483175	3716975	NonCancer	0.00E+00	2.20E-05	5.62E-03	0.00E+00	0.00E+00	5.67E-03	2.59E-03	0.00E+00	3.99E-03	0.00E+00	0.00E+00	5.62E-03	0.00E+00	0.00E+00	5.67E-03
423	ALL		483225	3716975	NonCancer	0.00E+00	2.44E-05	6.20E-03	0.00E+00	0.00E+00	6.26E-03	2.87E-03	0.00E+00	4.43E-03	0.00E+00	0.00E+00	6.20E-03	0.00E+00	0.00E+00	6.26E-03
424	ALL		483275	3716975	NonCancer	0.00E+00	2.78E-05	7.02E-03	0.00E+00	0.00E+00	7.09E-03	3.28E-03	0.00E+00	5.05E-03	0.00E+00	0.00E+00	7.02E-03	0.00E+00	0.00E+00	7.09E-03
425	ALL		483325	3716975	NonCancer	0.00E+00	3.24E-05	8.08E-03	0.00E+00	0.00E+00	8.16E-03	3.81E-03	0.00E+00	5.88E-03	0.00E+00	0.00E+00	8.08E-03	0.00E+00	0.00E+00	8.16E-03
426	ALL		483375	3716975	NonCancer	0.00E+00	7.54E-05	1.81E-02	0.00E+00	0.00E+00	1.83E-02	8.88E-03	0.00E+00	1.37E-02	0.00E+00	0.00E+00	1.81E-02	0.00E+00	0.00E+00	1.83E-02
427	ALL		483425	3716975	NonCancer	0.00E+00	4.24E-05	1.04E-02	0.00E+00	0.00E+00	1.05E-02	4.99E-03	0.00E+00	7.69E-03	0.00E+00	0.00E+00	1.04E-02	0.00E+00	0.00E+00	1.05E-02
428	ALL		483475	3716975	NonCancer	0.00E+00	2.78E-05	7.08E-03	0.00E+00	0.00E+00	7.15E-03	3.27E-03	0.00E+00	5.05E-03	0.00E+00	0.00E+00	7.08E-03	0.00E+00	0.00E+00	7.15E-03
429	ALL		483525	3716975	NonCancer	0.00E+00	2.57E-05	6.68E-03	0.00E+00	0.00E+00	6.74E-03	3.03E-03	0.00E+00	4.66E-03	0.00E+00	0.00E+00	6.68E-03	0.00E+00	0.00E+00	6.74E-03
430	ALL		483575	3716975	NonCancer	0.00E+00	2.76E-05	7.20E-03	0.00E+00	0.00E+00	7.26E-03	3.25E-03	0.00E+00	5.01E-03	0.00E+00	0.00E+00	7.20E-03	0.00E+00	0.00E+00	7.26E-03
431	ALL		483625	3716975	NonCancer	0.00E+00	4.56E-05	1.14E-02	0.00E+00	0.00E+00	1.15E-02	5.37E-03	0.00E+00	8.29E-03	0.00E+00	0.00E+00	1.14E-02	0.00E+00	0.00E+00	1.15E-02
432	ALL		483675	3716975	NonCancer	0.00E+00	5.59E-05	1.47E-02	0.00E+00	0.00E+00	1.48E-02	6.59E-03	0.00E+00	1.02E-02	0.00E+00	0.00E+00	1.47E-02	0.00E+00	0.00E+00	1.48E-02
433	ALL		483725	3716975	NonCancer	0.00E+00	5.53E-05	1.45E-02	0.00E+00	0.00E+00	1.46E-02	6.51E-03	0.00E+00	1.00E-02	0.00E+00	0.00E+00	1.45E-02	0.00E+00	0.00E+00	1.46E-02
434	ALL		483775	3716975	NonCancer	0.00E+00	6.19E-05	1.64E-02	0.00E+00	0.00E+00	1.66E-02	7.29E-03	0.00E+00	1.12E-02	0.00E+00	0.00E+00	1.64E-02	0.00E+00	0.00E+00	1.66E-02
435	ALL		483825	3716975	NonCancer	0.00E+00	6.64E-05	1.77E-02	0.00E+00	0.00E+00	1.79E-02	7.82E-03	0.00E+00	1.21E-02	0.00E+00	0.00E+00	1.77E-02	0.00E+00	0.00E+00	1.79E-02
436	ALL		483875	3716975	NonCancer	0.00E+00	8.62E-05	2.39E-02	0.00E+00	0.00E+00	2.41E-02	1.02E-02	0.00E+00	1.57E-02	0.00E+00	0.00E+00	2.39E-02	0.00E+00	0.00E+00	2.41E-02
437	ALL		483925	3716975	NonCancer	0.00E+00	8.69E-05	2.42E-02	0.00E+00	0.00E+00	2.44E-02	1.02E-02	0.00E+00	1.58E-02	0.00E+00	0.00E+00	2.42E-02	0.00E+00	0.00E+00	2.44E-02
438	ALL		483975	3716975	NonCancer	0.00E+00	8.66E-05	2.40E-02	0.00E+00	0.00E+00	2.42E-02	1.02E-02	0.00E+00	1.57E-02	0.00E+00	0.00E+00	2.40E-02	0.00E+00	0.00E+00	2.42E-02
439	ALL		484025	3716975	NonCancer	0.00E+00	7.34E-05	1.98E-02	0.00E+00	0.00E+00	2.00E-02	8.64E-03	0.00E+00	1.33E-02	0.00E+00	0.00E+00	1.98E-02	0.00E+00	0.00E+00	2.00E-02
440	ALL		484075	3716975	NonCancer	0.00E+00	5.42E-05	1.37E-02	0.00E+00	0.00E+00	1.38E-02	6.39E-03	0.00E+00	9.84E-03	0.00E+00	0.00E+00	1.37E-02	0.00E+00	0.00E+00	1.38E-02
441	ALL		484125	3716975	NonCancer	0.00E+00	3.01E-05	8.05E-03	0.00E+00	0.00E+00	8.12E-03	3.55E-03	0.00E+00	5.46E-03	0.00E+00	0.00E+00	8.05E-03	0.00E+00	0.00E+00	8.12E-03
442	ALL		484175	3716975	NonCancer	0.00E+00	2.59E-05	6.98E-03	0.00E+00	0.00E+00	7.04E-03	3.05E-03	0.00E+00	4.71E-03	0.00E+00	0.00E+00	6.98E-03	0.00E+00	0.00E+00	7.04E-03
443	ALL		484225	3716975	NonCancer	0.00E+00	2.55E-05	6.86E-03	0.00E+00	0.00E+00	6.92E-03	3.00E-03	0.00E+00	4.63E-03	0.00E+00	0.00E+00	6.86E-03	0.00E+00	0.00E+00	6.92E-03
444	ALL		484275	3716975	NonCancer	0.00E+00	2.53E-05	6.79E-03	0.00E+00	0.00E+00	6.85E-03	2.98E-03	0.00E+00	4.59E-03	0.00E+00	0.00E+00	6.79E-03	0.00E+00	0.00E+00	6.85E-03
445	ALL		484325	3716975	NonCancer	0.00E+00	2.43E-05	6.53E-03	0.00E+00	0.00E+00	6.59E-03	2.86E-03	0.00E+00	4.41E-03	0.00E+00	0.00E+00	6.53E-03	0.00E+00	0.00E+00	6.59E-03
446	ALL		484375	3716975	NonCancer	0.00E+00	2.35E-05	6.43E-03	0.00E+00	0.00E+00	6.48E-03	2.76E-03	0.00E+00	4.26E-03	0.00E+00	0.00E+00	6.43E-03	0.00E+00	0.00E+00	6.48E-03
447	ALL		484425	3716975	NonCancer	0.00E+00	2.59E-05	6.86E-03	0.00E+00	0.00E+00	6.92E-03	3.05E-03	0.00E+00	4.70E-03	0.00E+00	0.00E+00	6.86E-03	0.00E+00	0.00E+00	6.92E-03
448	ALL		484475	3716975	NonCancer	0.00E+00	2.64E-05	6.99E-03	0.00E+00	0.00E+00	7.06E-03	3.10E-03	0.00E+00	4.78E-03	0.00E+00	0.00E+00	6.99E-03	0.00E+00	0.00E+00	7.06E-03
449	ALL		484525	3716975	NonCancer	0.00E+00	2.49E-05	6.96E-03	0.00E+00	0.00E+00	7.02E-03	2.93E-03	0.00E+00	4.51E-03	0.00E+00	0.00E+00	6.96E-03	0.00E+00	0.00E+00	7.02E-03
450	ALL		484575	3716975	NonCancer	0.00E+00	2.36E-05	6.69E-03	0.00E+00	0.00E+00	6.75E-03	2.78E-03	0.00E+00	4.28E-03	0.00E+00	0.00E+00	6.69E-03	0.00E+00	0.00E+00	6.75E-03

*HARP - HRACalc v19044 3/19/2020 1:54:44 PM - Acute Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitAcuteHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
451	ALL		484625	3716975	NonCancer	0.00E+00	2.49E-05	6.74E-03	0.00E+00	0.00E+00	6.80E-03	2.93E-03	0.00E+00	4.52E-03	0.00E+00	0.00E+00	6.74E-03	0.00E+00	0.00E+00	6.80E-03
452	ALL		484675	3716975	NonCancer	0.00E+00	2.76E-05	7.38E-03	0.00E+00	0.00E+00	7.45E-03	3.25E-03	0.00E+00	5.01E-03	0.00E+00	0.00E+00	7.38E-03	0.00E+00	0.00E+00	7.45E-03
453	ALL		484725	3716975	NonCancer	0.00E+00	5.23E-05	1.40E-02	0.00E+00	0.00E+00	1.41E-02	6.16E-03	0.00E+00	9.50E-03	0.00E+00	0.00E+00	1.40E-02	0.00E+00	0.00E+00	1.41E-02
454	ALL		484775	3716975	NonCancer	0.00E+00	4.38E-05	1.11E-02	0.00E+00	0.00E+00	1.12E-02	5.16E-03	0.00E+00	7.95E-03	0.00E+00	0.00E+00	1.11E-02	0.00E+00	0.00E+00	1.12E-02
455	ALL		484825	3716975	NonCancer	0.00E+00	2.98E-05	7.83E-03	0.00E+00	0.00E+00	7.90E-03	3.51E-03	0.00E+00	5.41E-03	0.00E+00	0.00E+00	7.83E-03	0.00E+00	0.00E+00	7.90E-03
456	ALL		484875	3716975	NonCancer	0.00E+00	2.51E-05	6.93E-03	0.00E+00	0.00E+00	6.99E-03	2.96E-03	0.00E+00	4.56E-03	0.00E+00	0.00E+00	6.93E-03	0.00E+00	0.00E+00	6.99E-03
457	ALL		484925	3716975	NonCancer	0.00E+00	2.34E-05	6.71E-03	0.00E+00	0.00E+00	6.76E-03	2.75E-03	0.00E+00	4.24E-03	0.00E+00	0.00E+00	6.71E-03	0.00E+00	0.00E+00	6.76E-03
458	ALL		484975	3716975	NonCancer	0.00E+00	2.27E-05	6.54E-03	0.00E+00	0.00E+00	6.59E-03	2.67E-03	0.00E+00	4.12E-03	0.00E+00	0.00E+00	6.54E-03	0.00E+00	0.00E+00	6.59E-03
459	ALL		485025	3716975	NonCancer	0.00E+00	2.24E-05	6.26E-03	0.00E+00	0.00E+00	6.31E-03	2.63E-03	0.00E+00	4.06E-03	0.00E+00	0.00E+00	6.26E-03	0.00E+00	0.00E+00	6.31E-03
460	ALL		485075	3716975	NonCancer	0.00E+00	2.10E-05	5.66E-03	0.00E+00	0.00E+00	5.71E-03	2.48E-03	0.00E+00	3.82E-03	0.00E+00	0.00E+00	5.66E-03	0.00E+00	0.00E+00	5.71E-03
461	ALL		485125	3716975	NonCancer	0.00E+00	1.91E-05	5.25E-03	0.00E+00	0.00E+00	5.30E-03	2.25E-03	0.00E+00	3.47E-03	0.00E+00	0.00E+00	5.25E-03	0.00E+00	0.00E+00	5.30E-03
462	ALL		485175	3716975	NonCancer	0.00E+00	1.70E-05	4.80E-03	0.00E+00	0.00E+00	4.84E-03	2.00E-03	0.00E+00	3.08E-03	0.00E+00	0.00E+00	4.80E-03	0.00E+00	0.00E+00	4.84E-03
463	ALL		485225	3716975	NonCancer	0.00E+00	1.57E-05	4.47E-03	0.00E+00	0.00E+00	4.51E-03	1.85E-03	0.00E+00	2.85E-03	0.00E+00	0.00E+00	4.47E-03	0.00E+00	0.00E+00	4.51E-03
464	ALL		485275	3716975	NonCancer	0.00E+00	1.41E-05	4.04E-03	0.00E+00	0.00E+00	4.07E-03	1.66E-03	0.00E+00	2.57E-03	0.00E+00	0.00E+00	4.04E-03	0.00E+00	0.00E+00	4.07E-03
465	ALL		485325	3716975	NonCancer	0.00E+00	1.32E-05	3.71E-03	0.00E+00	0.00E+00	3.74E-03	1.55E-03	0.00E+00	2.39E-03	0.00E+00	0.00E+00	3.71E-03	0.00E+00	0.00E+00	3.74E-03
466	ALL		485375	3716975	NonCancer	0.00E+00	1.27E-05	3.48E-03	0.00E+00	0.00E+00	3.51E-03	1.49E-03	0.00E+00	2.30E-03	0.00E+00	0.00E+00	3.48E-03	0.00E+00	0.00E+00	3.51E-03
467	ALL		485425	3716975	NonCancer	0.00E+00	1.21E-05	3.30E-03	0.00E+00	0.00E+00	3.32E-03	1.43E-03	0.00E+00	2.20E-03	0.00E+00	0.00E+00	3.30E-03	0.00E+00	0.00E+00	3.32E-03
468	ALL		485475	3716975	NonCancer	0.00E+00	1.15E-05	3.14E-03	0.00E+00	0.00E+00	3.16E-03	1.36E-03	0.00E+00	2.09E-03	0.00E+00	0.00E+00	3.14E-03	0.00E+00	0.00E+00	3.16E-03
469	ALL		482925	3717025	NonCancer	0.00E+00	1.55E-05	4.09E-03	0.00E+00	0.00E+00	4.12E-03	1.83E-03	0.00E+00	2.82E-03	0.00E+00	0.00E+00	4.09E-03	0.00E+00	0.00E+00	4.12E-03
470	ALL		482975	3717025	NonCancer	0.00E+00	1.89E-05	4.90E-03	0.00E+00	0.00E+00	4.94E-03	2.22E-03	0.00E+00	3.42E-03	0.00E+00	0.00E+00	4.90E-03	0.00E+00	0.00E+00	4.94E-03
471	ALL		483025	3717025	NonCancer	0.00E+00	2.15E-05	5.53E-03	0.00E+00	0.00E+00	5.58E-03	2.53E-03	0.00E+00	3.90E-03	0.00E+00	0.00E+00	5.53E-03	0.00E+00	0.00E+00	5.58E-03
472	ALL		483075	3717025	NonCancer	0.00E+00	2.38E-05	6.09E-03	0.00E+00	0.00E+00	6.14E-03	2.80E-03	0.00E+00	4.32E-03	0.00E+00	0.00E+00	6.09E-03	0.00E+00	0.00E+00	6.14E-03
473	ALL		483125	3717025	NonCancer	0.00E+00	2.03E-05	5.27E-03	0.00E+00	0.00E+00	5.32E-03	2.39E-03	0.00E+00	3.68E-03	0.00E+00	0.00E+00	5.27E-03	0.00E+00	0.00E+00	5.32E-03
474	ALL		483175	3717025	NonCancer	0.00E+00	2.19E-05	5.62E-03	0.00E+00	0.00E+00	5.67E-03	2.58E-03	0.00E+00	3.97E-03	0.00E+00	0.00E+00	5.62E-03	0.00E+00	0.00E+00	5.67E-03
475	ALL		483225	3717025	NonCancer	0.00E+00	2.39E-05	6.15E-03	0.00E+00	0.00E+00	6.21E-03	2.82E-03	0.00E+00	4.34E-03	0.00E+00	0.00E+00	6.15E-03	0.00E+00	0.00E+00	6.21E-03
476	ALL		483275	3717025	NonCancer	0.00E+00	2.67E-05	6.82E-03	0.00E+00	0.00E+00	6.89E-03	3.14E-03	0.00E+00	4.85E-03	0.00E+00	0.00E+00	6.82E-03	0.00E+00	0.00E+00	6.89E-03
477	ALL		483325	3717025	NonCancer	0.00E+00	3.13E-05	7.87E-03	0.00E+00	0.00E+00	7.94E-03	3.69E-03	0.00E+00	5.68E-03	0.00E+00	0.00E+00	7.87E-03	0.00E+00	0.00E+00	7.94E-03
478	ALL		483375	3717025	NonCancer	0.00E+00	4.03E-05	9.96E-03	0.00E+00	0.00E+00	1.01E-02	4.75E-03	0.00E+00	7.32E-03	0.00E+00	0.00E+00	9.96E-03	0.00E+00	0.00E+00	1.01E-02
479	ALL		483425	3717025	NonCancer	0.00E+00	8.87E-05	2.12E-02	0.00E+00	0.00E+00	2.14E-02	1.04E-02	0.00E+00	1.61E-02	0.00E+00	0.00E+00	2.12E-02	0.00E+00	0.00E+00	2.14E-02
480	ALL		483475	3717025	NonCancer	0.00E+00	3.06E-05	7.72E-03	0.00E+00	0.00E+00	7.79E-03	3.60E-03	0.00E+00	5.55E-03	0.00E+00	0.00E+00	7.72E-03	0.00E+00	0.00E+00	7.79E-03
481	ALL		483525	3717025	NonCancer	0.00E+00	2.77E-05	7.12E-03	0.00E+00	0.00E+00	7.18E-03	3.26E-03	0.00E+00	5.02E-03	0.00E+00	0.00E+00	7.12E-03	0.00E+00	0.00E+00	7.18E-03
482	ALL		483575	3717025	NonCancer	0.00E+00	2.66E-05	6.95E-03	0.00E+00	0.00E+00	7.01E-03	3.13E-03	0.00E+00	4.83E-03	0.00E+00	0.00E+00	6.95E-03	0.00E+00	0.00E+00	7.01E-03
483	ALL		483625	3717025	NonCancer	0.00E+00	2.71E-05	7.10E-03	0.00E+00	0.00E+00	7.17E-03	3.19E-03	0.00E+00	4.92E-03	0.00E+00	0.00E+00	7.10E-03	0.00E+00	0.00E+00	7.17E-03
484	ALL		483675	3717025	NonCancer	0.00E+00	5.23E-05	1.35E-02	0.00E+00	0.00E+00	1.36E-02	6.15E-03	0.00E+00	9.49E-03	0.00E+00	0.00E+00	1.35E-02	0.00E+00	0.00E+00	1.36E-02
485	ALL		483725	3717025	NonCancer	0.00E+00	8.33E-05	2.29E-02	0.00E+00	0.00E+00	2.31E-02	9.81E-03	0.00E+00	1.51E-02	0.00E+00	0.00E+00	2.29E-02	0.00E+00	0.00E+00	2.31E-02
486	ALL		483775	3717025	NonCancer	0.00E+00	8.87E-05	2.49E-02	0.00E+00	0.00E+00	2.51E-02	1.04E-02	0.00E+00	1.61E-02	0.00E+00	0.00E+00	2.49E-02	0.00E+00	0.00E+00	2.51E-02
487	ALL		483825	3717025	NonCancer	0.00E+00	8.09E-05	2.21E-02	0.00E+00	0.00E+00	2.23E-02	9.53E-03	0.00E+00	1.47E-02	0.00E+00	0.00E+00	2.21E-02	0.00E+00	0.00E+00	2.23E-02
488	ALL		483875	3717025	NonCancer	0.00E+00	8.90E-05	2.46E-02	0.00E+00	0.00E+00	2.48E-02	1.05E-02	0.00E+00	1.62E-02	0.00E+00	0.00E+00	2.46E-02	0.00E+00	0.00E+00	2.48E-02
489	ALL		483925	3717025	NonCancer	0.00E+00	9.26E-05	2.62E-02	0.00E+00	0.00E+00	2.64E-02	1.09E-02	0.00E+00	1.68E-02	0.00E+00	0.00E+00	2.62E-02	0.00E+00	0.00E+00	2.64E-02
490	ALL		483975	3717025	NonCancer	0.00E+00	9.07E-05	2.58E-02	0.00E+00	0.00E+00	2.61E-02	1.07E-02	0.00E+00	1.65E-02	0.00E+00	0.00E+00	2.58E-02	0.00E+00	0.00E+00	2.61E-02
491	ALL		484025	3717025	NonCancer	0.00E+00	9.31E-05	2.65E-02	0.00E+00	0.00E+00	2.67E-02	1.10E-02	0.00E+00	1.69E-02	0.00E+00	0.00E+00	2.65E-02	0.00E+00	0.00E+00	2.67E-02
492	ALL		484075	3717025	NonCancer	0.00E+00	7.71E-05	2.08E-02	0.00E+00	0.00E+00	2.09E-02	9.08E-03	0.00E+00	1.40E-02	0.00E+00	0.00E+00	2.08E-02	0.00E+00	0.00E+00	2.09E-02
493	ALL		484125	3717025	NonCancer	0.00E+00	4.25E-05	1.11E-02	0.00E+00	0.00E+00	1.12E-02	5.00E-03	0.00E+00	7.71E-03	0.00E+00	0.00E+00	1.11E-02	0.00E+00	0.00E+00	1.12E-02
494	ALL		484175	3717025	NonCancer	0.00E+00	3.24E-05	8.68E-03	0.00E+00	0.00E+00	8.75E-03	3.81E-03	0.00E+00	5.88E-03	0.00E+00	0.00E+00	8.68E-03	0.00E+00	0.00E+00	8.75E-03
495	ALL		484225	3717025	NonCancer	0.00E+00	2.91E-05	7.82E-03	0.00E+00	0.00E+00	7.89E-03	3.42E-03	0.00E+00	5.28E-03	0.00E+00	0.00E+00	7.82E-03	0.00E+00	0.00E+00	7.89E-03

*HARP - HRACalc v19044 3/19/2020 1:54:44 PM - Acute Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitAcuteHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
496	ALL		484275	3717025	NonCancer	0.00E+00	2.78E-05	7.45E-03	0.00E+00	0.00E+00	7.52E-03	3.28E-03	0.00E+00	5.05E-03	0.00E+00	0.00E+00	7.45E-03	0.00E+00	0.00E+00	7.52E-03
497	ALL		484325	3717025	NonCancer	0.00E+00	2.66E-05	7.17E-03	0.00E+00	0.00E+00	7.23E-03	3.14E-03	0.00E+00	4.84E-03	0.00E+00	0.00E+00	7.17E-03	0.00E+00	0.00E+00	7.23E-03
498	ALL		484375	3717025	NonCancer	0.00E+00	2.68E-05	7.31E-03	0.00E+00	0.00E+00	7.37E-03	3.16E-03	0.00E+00	4.87E-03	0.00E+00	0.00E+00	7.31E-03	0.00E+00	0.00E+00	7.37E-03
499	ALL		484425	3717025	NonCancer	0.00E+00	2.90E-05	7.68E-03	0.00E+00	0.00E+00	7.75E-03	3.42E-03	0.00E+00	5.27E-03	0.00E+00	0.00E+00	7.68E-03	0.00E+00	0.00E+00	7.75E-03
500	ALL		484475	3717025	NonCancer	0.00E+00	2.87E-05	7.69E-03	0.00E+00	0.00E+00	7.75E-03	3.38E-03	0.00E+00	5.21E-03	0.00E+00	0.00E+00	7.69E-03	0.00E+00	0.00E+00	7.75E-03
501	ALL		484525	3717025	NonCancer	0.00E+00	2.58E-05	7.33E-03	0.00E+00	0.00E+00	7.39E-03	3.04E-03	0.00E+00	4.68E-03	0.00E+00	0.00E+00	7.33E-03	0.00E+00	0.00E+00	7.39E-03
502	ALL		484575	3717025	NonCancer	0.00E+00	2.53E-05	7.10E-03	0.00E+00	0.00E+00	7.16E-03	2.98E-03	0.00E+00	4.59E-03	0.00E+00	0.00E+00	7.10E-03	0.00E+00	0.00E+00	7.16E-03
503	ALL		484625	3717025	NonCancer	0.00E+00	2.77E-05	7.36E-03	0.00E+00	0.00E+00	7.43E-03	3.26E-03	0.00E+00	5.02E-03	0.00E+00	0.00E+00	7.36E-03	0.00E+00	0.00E+00	7.43E-03
504	ALL		484675	3717025	NonCancer	0.00E+00	3.01E-05	7.96E-03	0.00E+00	0.00E+00	8.03E-03	3.55E-03	0.00E+00	5.47E-03	0.00E+00	0.00E+00	7.96E-03	0.00E+00	0.00E+00	8.03E-03
505	ALL		484725	3717025	NonCancer	0.00E+00	3.62E-05	9.43E-03	0.00E+00	0.00E+00	9.51E-03	4.26E-03	0.00E+00	6.56E-03	0.00E+00	0.00E+00	9.43E-03	0.00E+00	0.00E+00	9.51E-03
506	ALL		484775	3717025	NonCancer	0.00E+00	4.41E-05	1.13E-02	0.00E+00	0.00E+00	1.14E-02	5.19E-03	0.00E+00	8.00E-03	0.00E+00	0.00E+00	1.13E-02	0.00E+00	0.00E+00	1.14E-02
507	ALL		484825	3717025	NonCancer	0.00E+00	3.62E-05	9.53E-03	0.00E+00	0.00E+00	9.61E-03	4.27E-03	0.00E+00	6.58E-03	0.00E+00	0.00E+00	9.53E-03	0.00E+00	0.00E+00	9.61E-03
508	ALL		484875	3717025	NonCancer	0.00E+00	2.65E-05	7.56E-03	0.00E+00	0.00E+00	7.62E-03	3.12E-03	0.00E+00	4.82E-03	0.00E+00	0.00E+00	7.56E-03	0.00E+00	0.00E+00	7.62E-03
509	ALL		484925	3717025	NonCancer	0.00E+00	2.52E-05	7.30E-03	0.00E+00	0.00E+00	7.36E-03	2.97E-03	0.00E+00	4.58E-03	0.00E+00	0.00E+00	7.30E-03	0.00E+00	0.00E+00	7.36E-03
510	ALL		484975	3717025	NonCancer	0.00E+00	2.48E-05	7.02E-03	0.00E+00	0.00E+00	7.07E-03	2.92E-03	0.00E+00	4.51E-03	0.00E+00	0.00E+00	7.02E-03	0.00E+00	0.00E+00	7.07E-03
511	ALL		485025	3717025	NonCancer	0.00E+00	2.36E-05	6.39E-03	0.00E+00	0.00E+00	6.45E-03	2.77E-03	0.00E+00	4.28E-03	0.00E+00	0.00E+00	6.39E-03	0.00E+00	0.00E+00	6.45E-03
512	ALL		485075	3717025	NonCancer	0.00E+00	2.12E-05	5.82E-03	0.00E+00	0.00E+00	5.87E-03	2.50E-03	0.00E+00	3.85E-03	0.00E+00	0.00E+00	5.82E-03	0.00E+00	0.00E+00	5.87E-03
513	ALL		485125	3717025	NonCancer	0.00E+00	1.86E-05	5.26E-03	0.00E+00	0.00E+00	5.30E-03	2.19E-03	0.00E+00	3.37E-03	0.00E+00	0.00E+00	5.26E-03	0.00E+00	0.00E+00	5.30E-03
514	ALL		485175	3717025	NonCancer	0.00E+00	1.70E-05	4.87E-03	0.00E+00	0.00E+00	4.91E-03	2.00E-03	0.00E+00	3.08E-03	0.00E+00	0.00E+00	4.87E-03	0.00E+00	0.00E+00	4.91E-03
515	ALL		485225	3717025	NonCancer	0.00E+00	1.53E-05	4.39E-03	0.00E+00	0.00E+00	4.43E-03	1.81E-03	0.00E+00	2.78E-03	0.00E+00	0.00E+00	4.39E-03	0.00E+00	0.00E+00	4.43E-03
516	ALL		485275	3717025	NonCancer	0.00E+00	1.45E-05	4.07E-03	0.00E+00	0.00E+00	4.10E-03	1.71E-03	0.00E+00	2.63E-03	0.00E+00	0.00E+00	4.07E-03	0.00E+00	0.00E+00	4.10E-03
517	ALL		485325	3717025	NonCancer	0.00E+00	1.35E-05	3.70E-03	0.00E+00	0.00E+00	3.73E-03	1.59E-03	0.00E+00	2.45E-03	0.00E+00	0.00E+00	3.70E-03	0.00E+00	0.00E+00	3.73E-03
518	ALL		485375	3717025	NonCancer	0.00E+00	1.28E-05	3.49E-03	0.00E+00	0.00E+00	3.52E-03	1.51E-03	0.00E+00	2.33E-03	0.00E+00	0.00E+00	3.49E-03	0.00E+00	0.00E+00	3.52E-03
519	ALL		485425	3717025	NonCancer	0.00E+00	1.23E-05	3.34E-03	0.00E+00	0.00E+00	3.37E-03	1.45E-03	0.00E+00	2.23E-03	0.00E+00	0.00E+00	3.34E-03	0.00E+00	0.00E+00	3.37E-03
520	ALL		485475	3717025	NonCancer	0.00E+00	1.17E-05	3.21E-03	0.00E+00	0.00E+00	3.23E-03	1.38E-03	0.00E+00	2.13E-03	0.00E+00	0.00E+00	3.21E-03	0.00E+00	0.00E+00	3.23E-03
521	ALL		482925	3717075	NonCancer	0.00E+00	1.55E-05	4.07E-03	0.00E+00	0.00E+00	4.11E-03	1.82E-03	0.00E+00	2.80E-03	0.00E+00	0.00E+00	4.07E-03	0.00E+00	0.00E+00	4.11E-03
522	ALL		482975	3717075	NonCancer	0.00E+00	1.66E-05	4.35E-03	0.00E+00	0.00E+00	4.39E-03	1.95E-03	0.00E+00	3.01E-03	0.00E+00	0.00E+00	4.35E-03	0.00E+00	0.00E+00	4.39E-03
523	ALL		483025	3717075	NonCancer	0.00E+00	1.79E-05	4.67E-03	0.00E+00	0.00E+00	4.71E-03	2.10E-03	0.00E+00	3.24E-03	0.00E+00	0.00E+00	4.67E-03	0.00E+00	0.00E+00	4.71E-03
524	ALL		483075	3717075	NonCancer	0.00E+00	2.01E-05	5.24E-03	0.00E+00	0.00E+00	5.28E-03	2.37E-03	0.00E+00	3.65E-03	0.00E+00	0.00E+00	5.24E-03	0.00E+00	0.00E+00	5.28E-03
525	ALL		483125	3717075	NonCancer	0.00E+00	2.05E-05	5.32E-03	0.00E+00	0.00E+00	5.37E-03	2.41E-03	0.00E+00	3.72E-03	0.00E+00	0.00E+00	5.32E-03	0.00E+00	0.00E+00	5.37E-03
526	ALL		483175	3717075	NonCancer	0.00E+00	2.23E-05	5.77E-03	0.00E+00	0.00E+00	5.82E-03	2.62E-03	0.00E+00	4.04E-03	0.00E+00	0.00E+00	5.77E-03	0.00E+00	0.00E+00	5.82E-03
527	ALL		483225	3717075	NonCancer	0.00E+00	2.53E-05	6.53E-03	0.00E+00	0.00E+00	6.59E-03	2.98E-03	0.00E+00	4.60E-03	0.00E+00	0.00E+00	6.53E-03	0.00E+00	0.00E+00	6.59E-03
528	ALL		483275	3717075	NonCancer	0.00E+00	2.67E-05	6.86E-03	0.00E+00	0.00E+00	6.92E-03	3.14E-03	0.00E+00	4.84E-03	0.00E+00	0.00E+00	6.86E-03	0.00E+00	0.00E+00	6.92E-03
529	ALL		483325	3717075	NonCancer	0.00E+00	3.01E-05	7.65E-03	0.00E+00	0.00E+00	7.72E-03	3.55E-03	0.00E+00	5.47E-03	0.00E+00	0.00E+00	7.65E-03	0.00E+00	0.00E+00	7.72E-03
530	ALL		483375	3717075	NonCancer	0.00E+00	3.52E-05	8.83E-03	0.00E+00	0.00E+00	8.91E-03	4.15E-03	0.00E+00	6.39E-03	0.00E+00	0.00E+00	8.83E-03	0.00E+00	0.00E+00	8.91E-03
531	ALL		483425	3717075	NonCancer	0.00E+00	8.02E-05	1.93E-02	0.00E+00	0.00E+00	1.95E-02	9.44E-03	0.00E+00	1.46E-02	0.00E+00	0.00E+00	1.93E-02	0.00E+00	0.00E+00	1.95E-02
532	ALL		483475	3717075	NonCancer	0.00E+00	4.56E-05	1.13E-02	0.00E+00	0.00E+00	1.14E-02	5.37E-03	0.00E+00	8.28E-03	0.00E+00	0.00E+00	1.13E-02	0.00E+00	0.00E+00	1.14E-02
533	ALL		483525	3717075	NonCancer	0.00E+00	2.90E-05	7.41E-03	0.00E+00	0.00E+00	7.48E-03	3.41E-03	0.00E+00	5.26E-03	0.00E+00	0.00E+00	7.41E-03	0.00E+00	0.00E+00	7.48E-03
534	ALL		483575	3717075	NonCancer	0.00E+00	2.78E-05	7.21E-03	0.00E+00	0.00E+00	7.27E-03	3.28E-03	0.00E+00	5.05E-03	0.00E+00	0.00E+00	7.21E-03	0.00E+00	0.00E+00	7.27E-03
535	ALL		483625	3717075	NonCancer	0.00E+00	2.82E-05	7.39E-03	0.00E+00	0.00E+00	7.45E-03	3.32E-03	0.00E+00	5.12E-03	0.00E+00	0.00E+00	7.39E-03	0.00E+00	0.00E+00	7.45E-03
536	ALL		483675	3717075	NonCancer	0.00E+00	3.40E-05	8.85E-03	0.00E+00	0.00E+00	8.93E-03	4.01E-03	0.00E+00	6.18E-03	0.00E+00	0.00E+00	8.85E-03	0.00E+00	0.00E+00	8.93E-03
537	ALL		483725	3717075	NonCancer	0.00E+00	7.02E-05	1.87E-02	0.00E+00	0.00E+00	1.89E-02	8.26E-03	0.00E+00	1.27E-02	0.00E+00	0.00E+00	1.87E-02	0.00E+00	0.00E+00	1.89E-02
538	ALL		483775	3717075	NonCancer	0.00E+00	8.49E-05	2.32E-02	0.00E+00	0.00E+00	2.34E-02	1.00E-02	0.00E+00	1.54E-02	0.00E+00	0.00E+00	2.32E-02	0.00E+00	0.00E+00	2.34E-02
539	ALL		483825	3717075	NonCancer	0.00E+00	6.16E-05	1.60E-02	0.00E+00	0.00E+00	1.61E-02	7.25E-03	0.00E+00	1.12E-02	0.00E+00	0.00E+00	1.60E-02	0.00E+00	0.00E+00	1.61E-02
540	ALL		483875	3717075	NonCancer	0.00E+00	5.76E-05	1.45E-02	0.00E+00	0.00E+00	1.46E-02	6.78E-03	0.00E+00	1.05E-02	0.00E+00	0.00E+00	1.45E-02	0.00E+00	0.00E+00	1.46E-02

*HARP - HRACalc v19044 3/19/2020 1:54:44 PM - Acute Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitAcuteHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
541	ALL		483925	3717075	NonCancer	0.00E+00	8.77E-05	2.40E-02	0.00E+00	0.00E+00	2.42E-02	1.03E-02	0.00E+00	1.59E-02	0.00E+00	0.00E+00	2.40E-02	0.00E+00	0.00E+00	2.42E-02
542	ALL		483975	3717075	NonCancer	0.00E+00	9.84E-05	2.77E-02	0.00E+00	0.00E+00	2.80E-02	1.16E-02	0.00E+00	1.79E-02	0.00E+00	0.00E+00	2.77E-02	0.00E+00	0.00E+00	2.80E-02
543	ALL		484025	3717075	NonCancer	0.00E+00	9.87E-05	2.81E-02	0.00E+00	0.00E+00	2.84E-02	1.16E-02	0.00E+00	1.79E-02	0.00E+00	0.00E+00	2.81E-02	0.00E+00	0.00E+00	2.84E-02
544	ALL		484075	3717075	NonCancer	0.00E+00	9.93E-05	2.83E-02	0.00E+00	0.00E+00	2.85E-02	1.17E-02	0.00E+00	1.80E-02	0.00E+00	0.00E+00	2.83E-02	0.00E+00	0.00E+00	2.85E-02
545	ALL		484125	3717075	NonCancer	0.00E+00	9.09E-05	2.51E-02	0.00E+00	0.00E+00	2.53E-02	1.07E-02	0.00E+00	1.65E-02	0.00E+00	0.00E+00	2.51E-02	0.00E+00	0.00E+00	2.53E-02
546	ALL		484175	3717075	NonCancer	0.00E+00	5.34E-05	1.37E-02	0.00E+00	0.00E+00	1.38E-02	6.29E-03	0.00E+00	9.70E-03	0.00E+00	0.00E+00	1.37E-02	0.00E+00	0.00E+00	1.38E-02
547	ALL		484225	3717075	NonCancer	0.00E+00	3.24E-05	8.72E-03	0.00E+00	0.00E+00	8.80E-03	3.82E-03	0.00E+00	5.88E-03	0.00E+00	0.00E+00	8.72E-03	0.00E+00	0.00E+00	8.80E-03
548	ALL		484275	3717075	NonCancer	0.00E+00	3.11E-05	8.32E-03	0.00E+00	0.00E+00	8.40E-03	3.66E-03	0.00E+00	5.65E-03	0.00E+00	0.00E+00	8.32E-03	0.00E+00	0.00E+00	8.40E-03
549	ALL		484325	3717075	NonCancer	0.00E+00	2.96E-05	8.00E-03	0.00E+00	0.00E+00	8.07E-03	3.48E-03	0.00E+00	5.37E-03	0.00E+00	0.00E+00	8.00E-03	0.00E+00	0.00E+00	8.07E-03
550	ALL		484375	3717075	NonCancer	0.00E+00	3.07E-05	8.32E-03	0.00E+00	0.00E+00	8.40E-03	3.62E-03	0.00E+00	5.57E-03	0.00E+00	0.00E+00	8.32E-03	0.00E+00	0.00E+00	8.40E-03
551	ALL		484425	3717075	NonCancer	0.00E+00	3.26E-05	8.62E-03	0.00E+00	0.00E+00	8.69E-03	3.84E-03	0.00E+00	5.92E-03	0.00E+00	0.00E+00	8.62E-03	0.00E+00	0.00E+00	8.69E-03
552	ALL		484475	3717075	NonCancer	0.00E+00	3.12E-05	8.51E-03	0.00E+00	0.00E+00	8.58E-03	3.67E-03	0.00E+00	5.66E-03	0.00E+00	0.00E+00	8.51E-03	0.00E+00	0.00E+00	8.58E-03
553	ALL		484525	3717075	NonCancer	0.00E+00	2.66E-05	7.63E-03	0.00E+00	0.00E+00	7.69E-03	3.13E-03	0.00E+00	4.82E-03	0.00E+00	0.00E+00	7.63E-03	0.00E+00	0.00E+00	7.69E-03
554	ALL		484575	3717075	NonCancer	0.00E+00	2.87E-05	7.85E-03	0.00E+00	0.00E+00	7.92E-03	3.39E-03	0.00E+00	5.22E-03	0.00E+00	0.00E+00	7.85E-03	0.00E+00	0.00E+00	7.92E-03
555	ALL		484625	3717075	NonCancer	0.00E+00	3.27E-05	8.55E-03	0.00E+00	0.00E+00	8.63E-03	3.85E-03	0.00E+00	5.94E-03	0.00E+00	0.00E+00	8.55E-03	0.00E+00	0.00E+00	8.63E-03
556	ALL		484675	3717075	NonCancer	0.00E+00	3.40E-05	8.85E-03	0.00E+00	0.00E+00	8.92E-03	4.01E-03	0.00E+00	6.18E-03	0.00E+00	0.00E+00	8.85E-03	0.00E+00	0.00E+00	8.92E-03
557	ALL		484725	3717075	NonCancer	0.00E+00	3.40E-05	8.90E-03	0.00E+00	0.00E+00	8.98E-03	4.00E-03	0.00E+00	6.17E-03	0.00E+00	0.00E+00	8.90E-03	0.00E+00	0.00E+00	8.98E-03
558	ALL		484775	3717075	NonCancer	0.00E+00	3.50E-05	9.26E-03	0.00E+00	0.00E+00	9.34E-03	4.12E-03	0.00E+00	6.35E-03	0.00E+00	0.00E+00	9.26E-03	0.00E+00	0.00E+00	9.34E-03
559	ALL		484825	3717075	NonCancer	0.00E+00	4.60E-05	1.22E-02	0.00E+00	0.00E+00	1.23E-02	5.41E-03	0.00E+00	8.35E-03	0.00E+00	0.00E+00	1.22E-02	0.00E+00	0.00E+00	1.23E-02
560	ALL		484875	3717075	NonCancer	0.00E+00	3.38E-05	9.49E-03	0.00E+00	0.00E+00	9.56E-03	3.98E-03	0.00E+00	6.13E-03	0.00E+00	0.00E+00	9.49E-03	0.00E+00	0.00E+00	9.56E-03
561	ALL		484925	3717075	NonCancer	0.00E+00	2.81E-05	8.00E-03	0.00E+00	0.00E+00	8.06E-03	3.31E-03	0.00E+00	5.10E-03	0.00E+00	0.00E+00	8.00E-03	0.00E+00	0.00E+00	8.06E-03
562	ALL		484975	3717075	NonCancer	0.00E+00	2.63E-05	7.20E-03	0.00E+00	0.00E+00	7.26E-03	3.09E-03	0.00E+00	4.77E-03	0.00E+00	0.00E+00	7.20E-03	0.00E+00	0.00E+00	7.26E-03
563	ALL		485025	3717075	NonCancer	0.00E+00	2.37E-05	6.50E-03	0.00E+00	0.00E+00	6.56E-03	2.79E-03	0.00E+00	4.30E-03	0.00E+00	0.00E+00	6.50E-03	0.00E+00	0.00E+00	6.56E-03
564	ALL		485075	3717075	NonCancer	0.00E+00	2.06E-05	5.85E-03	0.00E+00	0.00E+00	5.89E-03	2.43E-03	0.00E+00	3.74E-03	0.00E+00	0.00E+00	5.85E-03	0.00E+00	0.00E+00	5.89E-03
565	ALL		485125	3717075	NonCancer	0.00E+00	1.85E-05	5.31E-03	0.00E+00	0.00E+00	5.36E-03	2.18E-03	0.00E+00	3.36E-03	0.00E+00	0.00E+00	5.31E-03	0.00E+00	0.00E+00	5.36E-03
566	ALL		485175	3717075	NonCancer	0.00E+00	1.66E-05	4.77E-03	0.00E+00	0.00E+00	4.81E-03	1.95E-03	0.00E+00	3.01E-03	0.00E+00	0.00E+00	4.77E-03	0.00E+00	0.00E+00	4.81E-03
567	ALL		485225	3717075	NonCancer	0.00E+00	1.57E-05	4.41E-03	0.00E+00	0.00E+00	4.44E-03	1.85E-03	0.00E+00	2.84E-03	0.00E+00	0.00E+00	4.41E-03	0.00E+00	0.00E+00	4.44E-03
568	ALL		485275	3717075	NonCancer	0.00E+00	1.49E-05	4.07E-03	0.00E+00	0.00E+00	4.11E-03	1.75E-03	0.00E+00	2.70E-03	0.00E+00	0.00E+00	4.07E-03	0.00E+00	0.00E+00	4.11E-03
569	ALL		485325	3717075	NonCancer	0.00E+00	1.37E-05	3.73E-03	0.00E+00	0.00E+00	3.76E-03	1.62E-03	0.00E+00	2.50E-03	0.00E+00	0.00E+00	3.73E-03	0.00E+00	0.00E+00	3.76E-03
570	ALL		485375	3717075	NonCancer	0.00E+00	1.28E-05	3.48E-03	0.00E+00	0.00E+00	3.51E-03	1.51E-03	0.00E+00	2.32E-03	0.00E+00	0.00E+00	3.48E-03	0.00E+00	0.00E+00	3.51E-03
571	ALL		485425	3717075	NonCancer	0.00E+00	1.23E-05	3.36E-03	0.00E+00	0.00E+00	3.39E-03	1.45E-03	0.00E+00	2.23E-03	0.00E+00	0.00E+00	3.36E-03	0.00E+00	0.00E+00	3.39E-03
572	ALL		485475	3717075	NonCancer	0.00E+00	1.19E-05	3.25E-03	0.00E+00	0.00E+00	3.28E-03	1.40E-03	0.00E+00	2.16E-03	0.00E+00	0.00E+00	3.25E-03	0.00E+00	0.00E+00	3.28E-03
573	ALL		482925	3717125	NonCancer	0.00E+00	1.59E-05	4.15E-03	0.00E+00	0.00E+00	4.19E-03	1.87E-03	0.00E+00	2.88E-03	0.00E+00	0.00E+00	4.15E-03	0.00E+00	0.00E+00	4.19E-03
574	ALL		482975	3717125	NonCancer	0.00E+00	1.69E-05	4.43E-03	0.00E+00	0.00E+00	4.47E-03	2.00E-03	0.00E+00	3.08E-03	0.00E+00	0.00E+00	4.43E-03	0.00E+00	0.00E+00	4.47E-03
575	ALL		483025	3717125	NonCancer	0.00E+00	1.79E-05	4.71E-03	0.00E+00	0.00E+00	4.75E-03	2.11E-03	0.00E+00	3.25E-03	0.00E+00	0.00E+00	4.71E-03	0.00E+00	0.00E+00	4.75E-03
576	ALL		483075	3717125	NonCancer	0.00E+00	2.06E-05	5.37E-03	0.00E+00	0.00E+00	5.41E-03	2.42E-03	0.00E+00	3.74E-03	0.00E+00	0.00E+00	5.37E-03	0.00E+00	0.00E+00	5.41E-03
577	ALL		483125	3717125	NonCancer	0.00E+00	2.22E-05	5.76E-03	0.00E+00	0.00E+00	5.81E-03	2.61E-03	0.00E+00	4.02E-03	0.00E+00	0.00E+00	5.76E-03	0.00E+00	0.00E+00	5.81E-03
578	ALL		483175	3717125	NonCancer	0.00E+00	2.62E-05	6.72E-03	0.00E+00	0.00E+00	6.78E-03	3.08E-03	0.00E+00	4.75E-03	0.00E+00	0.00E+00	6.72E-03	0.00E+00	0.00E+00	6.78E-03
579	ALL		483225	3717125	NonCancer	0.00E+00	4.08E-05	1.02E-02	0.00E+00	0.00E+00	1.03E-02	4.81E-03	0.00E+00	7.41E-03	0.00E+00	0.00E+00	1.02E-02	0.00E+00	0.00E+00	1.03E-02
580	ALL		483275	3717125	NonCancer	0.00E+00	3.96E-05	9.91E-03	0.00E+00	0.00E+00	1.00E-02	4.66E-03	0.00E+00	7.18E-03	0.00E+00	0.00E+00	9.91E-03	0.00E+00	0.00E+00	1.00E-02
581	ALL		483325	3717125	NonCancer	0.00E+00	2.96E-05	7.59E-03	0.00E+00	0.00E+00	7.66E-03	3.49E-03	0.00E+00	5.38E-03	0.00E+00	0.00E+00	7.59E-03	0.00E+00	0.00E+00	7.66E-03
582	ALL		483375	3717125	NonCancer	0.00E+00	3.39E-05	8.58E-03	0.00E+00	0.00E+00	8.66E-03	3.99E-03	0.00E+00	6.15E-03	0.00E+00	0.00E+00	8.58E-03	0.00E+00	0.00E+00	8.66E-03
583	ALL		483425	3717125	NonCancer	0.00E+00	4.41E-05	1.10E-02	0.00E+00	0.00E+00	1.11E-02	5.19E-03	0.00E+00	8.00E-03	0.00E+00	0.00E+00	1.10E-02	0.00E+00	0.00E+00	1.11E-02
584	ALL		483475	3717125	NonCancer	0.00E+00	9.62E-05	2.31E-02	0.00E+00	0.00E+00	2.33E-02	1.13E-02	0.00E+00	1.75E-02	0.00E+00	0.00E+00	2.31E-02	0.00E+00	0.00E+00	2.33E-02
585	ALL		483525	3717125	NonCancer	0.00E+00	3.47E-05	8.78E-03	0.00E+00	0.00E+00	8.86E-03	4.09E-03	0.00E+00	6.30E-03	0.00E+00	0.00E+00	8.78E-03	0.00E+00	0.00E+00	8.86E-03

*HARP - HRACalc v19044 3/19/2020 1:54:44 PM - Acute Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitAcuteHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
586	ALL		483575	3717125	NonCancer	0.00E+00	2.88E-05	7.43E-03	0.00E+00	0.00E+00	7.50E-03	3.40E-03	0.00E+00	5.23E-03	0.00E+00	0.00E+00	7.43E-03	0.00E+00	0.00E+00	7.50E-03
587	ALL		483625	3717125	NonCancer	0.00E+00	2.97E-05	7.73E-03	0.00E+00	0.00E+00	7.80E-03	3.50E-03	0.00E+00	5.39E-03	0.00E+00	0.00E+00	7.73E-03	0.00E+00	0.00E+00	7.80E-03
588	ALL		483675	3717125	NonCancer	0.00E+00	3.06E-05	8.04E-03	0.00E+00	0.00E+00	8.11E-03	3.61E-03	0.00E+00	5.56E-03	0.00E+00	0.00E+00	8.04E-03	0.00E+00	0.00E+00	8.11E-03
589	ALL		483725	3717125	NonCancer	0.00E+00	4.54E-05	1.16E-02	0.00E+00	0.00E+00	1.17E-02	5.35E-03	0.00E+00	8.24E-03	0.00E+00	0.00E+00	1.16E-02	0.00E+00	0.00E+00	1.17E-02
590	ALL		483775	3717125	NonCancer	0.00E+00	5.80E-05	1.46E-02	0.00E+00	0.00E+00	1.47E-02	6.84E-03	0.00E+00	1.05E-02	0.00E+00	0.00E+00	1.46E-02	0.00E+00	0.00E+00	1.47E-02
591	ALL		483825	3717125	NonCancer	0.00E+00	3.92E-05	1.03E-02	0.00E+00	0.00E+00	1.04E-02	4.62E-03	0.00E+00	7.12E-03	0.00E+00	0.00E+00	1.03E-02	0.00E+00	0.00E+00	1.04E-02
592	ALL		483875	3717125	NonCancer	0.00E+00	3.72E-05	9.84E-03	0.00E+00	0.00E+00	9.93E-03	4.38E-03	0.00E+00	6.76E-03	0.00E+00	0.00E+00	9.84E-03	0.00E+00	0.00E+00	9.93E-03
593	ALL		483925	3717125	NonCancer	0.00E+00	5.73E-05	1.46E-02	0.00E+00	0.00E+00	1.47E-02	6.75E-03	0.00E+00	1.04E-02	0.00E+00	0.00E+00	1.46E-02	0.00E+00	0.00E+00	1.47E-02
594	ALL		483975	3717125	NonCancer	0.00E+00	7.83E-05	2.09E-02	0.00E+00	0.00E+00	2.11E-02	9.22E-03	0.00E+00	1.42E-02	0.00E+00	0.00E+00	2.09E-02	0.00E+00	0.00E+00	2.11E-02
595	ALL		484025	3717125	NonCancer	0.00E+00	8.98E-05	2.44E-02	0.00E+00	0.00E+00	2.46E-02	1.06E-02	0.00E+00	1.63E-02	0.00E+00	0.00E+00	2.44E-02	0.00E+00	0.00E+00	2.46E-02
596	ALL		484075	3717125	NonCancer	0.00E+00	1.05E-04	2.97E-02	0.00E+00	0.00E+00	2.99E-02	1.24E-02	0.00E+00	1.91E-02	0.00E+00	0.00E+00	2.97E-02	0.00E+00	0.00E+00	2.99E-02
597	ALL		484125	3717125	NonCancer	0.00E+00	1.05E-04	2.93E-02	0.00E+00	0.00E+00	2.96E-02	1.23E-02	0.00E+00	1.90E-02	0.00E+00	0.00E+00	2.93E-02	0.00E+00	0.00E+00	2.96E-02
598	ALL		484175	3717125	NonCancer	0.00E+00	6.66E-05	1.69E-02	0.00E+00	0.00E+00	1.71E-02	7.84E-03	0.00E+00	1.21E-02	0.00E+00	0.00E+00	1.69E-02	0.00E+00	0.00E+00	1.71E-02
599	ALL		484225	3717125	NonCancer	0.00E+00	3.79E-05	1.02E-02	0.00E+00	0.00E+00	1.02E-02	4.46E-03	0.00E+00	6.87E-03	0.00E+00	0.00E+00	1.02E-02	0.00E+00	0.00E+00	1.02E-02
600	ALL		484275	3717125	NonCancer	0.00E+00	3.52E-05	9.44E-03	0.00E+00	0.00E+00	9.52E-03	4.15E-03	0.00E+00	6.39E-03	0.00E+00	0.00E+00	9.44E-03	0.00E+00	0.00E+00	9.52E-03
601	ALL		484325	3717125	NonCancer	0.00E+00	3.32E-05	9.02E-03	0.00E+00	0.00E+00	9.10E-03	3.91E-03	0.00E+00	6.03E-03	0.00E+00	0.00E+00	9.02E-03	0.00E+00	0.00E+00	9.10E-03
602	ALL		484375	3717125	NonCancer	0.00E+00	3.51E-05	9.49E-03	0.00E+00	0.00E+00	9.57E-03	4.14E-03	0.00E+00	6.38E-03	0.00E+00	0.00E+00	9.49E-03	0.00E+00	0.00E+00	9.57E-03
603	ALL		484425	3717125	NonCancer	0.00E+00	3.64E-05	9.61E-03	0.00E+00	0.00E+00	9.69E-03	4.29E-03	0.00E+00	6.61E-03	0.00E+00	0.00E+00	9.61E-03	0.00E+00	0.00E+00	9.69E-03
604	ALL		484475	3717125	NonCancer	0.00E+00	3.34E-05	9.27E-03	0.00E+00	0.00E+00	9.35E-03	3.93E-03	0.00E+00	6.06E-03	0.00E+00	0.00E+00	9.27E-03	0.00E+00	0.00E+00	9.35E-03
605	ALL		484525	3717125	NonCancer	0.00E+00	2.92E-05	8.36E-03	0.00E+00	0.00E+00	8.42E-03	3.44E-03	0.00E+00	5.31E-03	0.00E+00	0.00E+00	8.36E-03	0.00E+00	0.00E+00	8.42E-03
606	ALL		484575	3717125	NonCancer	0.00E+00	3.49E-05	9.20E-03	0.00E+00	0.00E+00	9.28E-03	4.10E-03	0.00E+00	6.33E-03	0.00E+00	0.00E+00	9.20E-03	0.00E+00	0.00E+00	9.28E-03
607	ALL		484625	3717125	NonCancer	0.00E+00	3.78E-05	9.77E-03	0.00E+00	0.00E+00	9.86E-03	4.45E-03	0.00E+00	6.86E-03	0.00E+00	0.00E+00	9.77E-03	0.00E+00	0.00E+00	9.86E-03
608	ALL		484675	3717125	NonCancer	0.00E+00	3.73E-05	9.67E-03	0.00E+00	0.00E+00	9.75E-03	4.40E-03	0.00E+00	6.78E-03	0.00E+00	0.00E+00	9.67E-03	0.00E+00	0.00E+00	9.75E-03
609	ALL		484725	3717125	NonCancer	0.00E+00	3.57E-05	9.39E-03	0.00E+00	0.00E+00	9.47E-03	4.20E-03	0.00E+00	6.48E-03	0.00E+00	0.00E+00	9.39E-03	0.00E+00	0.00E+00	9.47E-03
610	ALL		484775	3717125	NonCancer	0.00E+00	3.32E-05	9.28E-03	0.00E+00	0.00E+00	9.36E-03	3.91E-03	0.00E+00	6.03E-03	0.00E+00	0.00E+00	9.28E-03	0.00E+00	0.00E+00	9.36E-03
611	ALL		484825	3717125	NonCancer	0.00E+00	3.41E-05	9.76E-03	0.00E+00	0.00E+00	9.84E-03	4.02E-03	0.00E+00	6.19E-03	0.00E+00	0.00E+00	9.76E-03	0.00E+00	0.00E+00	9.84E-03
612	ALL		484875	3717125	NonCancer	0.00E+00	5.10E-05	1.37E-02	0.00E+00	0.00E+00	1.38E-02	6.01E-03	0.00E+00	9.26E-03	0.00E+00	0.00E+00	1.37E-02	0.00E+00	0.00E+00	1.38E-02
613	ALL		484925	3717125	NonCancer	0.00E+00	3.28E-05	8.95E-03	0.00E+00	0.00E+00	9.03E-03	3.86E-03	0.00E+00	5.95E-03	0.00E+00	0.00E+00	8.95E-03	0.00E+00	0.00E+00	9.03E-03
614	ALL		484975	3717125	NonCancer	0.00E+00	2.67E-05	7.33E-03	0.00E+00	0.00E+00	7.39E-03	3.14E-03	0.00E+00	4.85E-03	0.00E+00	0.00E+00	7.33E-03	0.00E+00	0.00E+00	7.39E-03
615	ALL		485025	3717125	NonCancer	0.00E+00	2.31E-05	6.55E-03	0.00E+00	0.00E+00	6.60E-03	2.72E-03	0.00E+00	4.19E-03	0.00E+00	0.00E+00	6.55E-03	0.00E+00	0.00E+00	6.60E-03
616	ALL		485075	3717125	NonCancer	0.00E+00	2.03E-05	5.86E-03	0.00E+00	0.00E+00	5.91E-03	2.39E-03	0.00E+00	3.69E-03	0.00E+00	0.00E+00	5.86E-03	0.00E+00	0.00E+00	5.91E-03
617	ALL		485125	3717125	NonCancer	0.00E+00	1.80E-05	5.19E-03	0.00E+00	0.00E+00	5.23E-03	2.12E-03	0.00E+00	3.26E-03	0.00E+00	0.00E+00	5.19E-03	0.00E+00	0.00E+00	5.23E-03
618	ALL		485175	3717125	NonCancer	0.00E+00	1.69E-05	4.76E-03	0.00E+00	0.00E+00	4.80E-03	1.99E-03	0.00E+00	3.07E-03	0.00E+00	0.00E+00	4.76E-03	0.00E+00	0.00E+00	4.80E-03
619	ALL		485225	3717125	NonCancer	0.00E+00	1.61E-05	4.40E-03	0.00E+00	0.00E+00	4.44E-03	1.89E-03	0.00E+00	2.91E-03	0.00E+00	0.00E+00	4.40E-03	0.00E+00	0.00E+00	4.44E-03
620	ALL		485275	3717125	NonCancer	0.00E+00	1.51E-05	4.09E-03	0.00E+00	0.00E+00	4.12E-03	1.77E-03	0.00E+00	2.73E-03	0.00E+00	0.00E+00	4.09E-03	0.00E+00	0.00E+00	4.12E-03
621	ALL		485325	3717125	NonCancer	0.00E+00	1.38E-05	3.76E-03	0.00E+00	0.00E+00	3.79E-03	1.63E-03	0.00E+00	2.51E-03	0.00E+00	0.00E+00	3.76E-03	0.00E+00	0.00E+00	3.79E-03
622	ALL		485375	3717125	NonCancer	0.00E+00	1.27E-05	3.47E-03	0.00E+00	0.00E+00	3.50E-03	1.49E-03	0.00E+00	2.30E-03	0.00E+00	0.00E+00	3.47E-03	0.00E+00	0.00E+00	3.50E-03
623	ALL		485425	3717125	NonCancer	0.00E+00	1.23E-05	3.36E-03	0.00E+00	0.00E+00	3.39E-03	1.45E-03	0.00E+00	2.23E-03	0.00E+00	0.00E+00	3.36E-03	0.00E+00	0.00E+00	3.39E-03
624	ALL		485475	3717125	NonCancer	0.00E+00	1.18E-05	3.25E-03	0.00E+00	0.00E+00	3.28E-03	1.39E-03	0.00E+00	2.15E-03	0.00E+00	0.00E+00	3.25E-03	0.00E+00	0.00E+00	3.28E-03
625	ALL		482925	3717175	NonCancer	0.00E+00	1.61E-05	4.22E-03	0.00E+00	0.00E+00	4.26E-03	1.89E-03	0.00E+00	2.91E-03	0.00E+00	0.00E+00	4.22E-03	0.00E+00	0.00E+00	4.26E-03
626	ALL		482975	3717175	NonCancer	0.00E+00	1.73E-05	4.52E-03	0.00E+00	0.00E+00	4.56E-03	2.03E-03	0.00E+00	3.14E-03	0.00E+00	0.00E+00	4.52E-03	0.00E+00	0.00E+00	4.56E-03
627	ALL		483025	3717175	NonCancer	0.00E+00	1.85E-05	4.82E-03	0.00E+00	0.00E+00	4.86E-03	2.18E-03	0.00E+00	3.36E-03	0.00E+00	0.00E+00	4.82E-03	0.00E+00	0.00E+00	4.86E-03
628	ALL		483075	3717175	NonCancer	0.00E+00	1.97E-05	5.16E-03	0.00E+00	0.00E+00	5.21E-03	2.32E-03	0.00E+00	3.58E-03	0.00E+00	0.00E+00	5.16E-03	0.00E+00	0.00E+00	5.21E-03
629	ALL		483125	3717175	NonCancer	0.00E+00	2.13E-05	5.57E-03	0.00E+00	0.00E+00	5.62E-03	2.51E-03	0.00E+00	3.87E-03	0.00E+00	0.00E+00	5.57E-03	0.00E+00	0.00E+00	5.62E-03
630	ALL		483175	3717175	NonCancer	0.00E+00	2.71E-05	6.96E-03	0.00E+00	0.00E+00	7.02E-03	3.19E-03	0.00E+00	4.92E-03	0.00E+00	0.00E+00	6.96E-03	0.00E+00	0.00E+00	7.02E-03

*HARP - HRACalc v19044 3/19/2020 1:54:44 PM - Acute Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitAcuteHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
631	ALL		483225	3717175	NonCancer	0.00E+00	3.40E-05	8.61E-03	0.00E+00	0.00E+00	8.69E-03	4.01E-03	0.00E+00	6.18E-03	0.00E+00	0.00E+00	8.61E-03	0.00E+00	0.00E+00	8.69E-03
632	ALL		483275	3717175	NonCancer	0.00E+00	3.53E-05	8.92E-03	0.00E+00	0.00E+00	9.00E-03	4.15E-03	0.00E+00	6.40E-03	0.00E+00	0.00E+00	8.92E-03	0.00E+00	0.00E+00	9.00E-03
633	ALL		483325	3717175	NonCancer	0.00E+00	3.21E-05	8.22E-03	0.00E+00	0.00E+00	8.30E-03	3.78E-03	0.00E+00	5.83E-03	0.00E+00	0.00E+00	8.22E-03	0.00E+00	0.00E+00	8.30E-03
634	ALL		483375	3717175	NonCancer	0.00E+00	3.44E-05	8.78E-03	0.00E+00	0.00E+00	8.86E-03	4.05E-03	0.00E+00	6.25E-03	0.00E+00	0.00E+00	8.78E-03	0.00E+00	0.00E+00	8.86E-03
635	ALL		483425	3717175	NonCancer	0.00E+00	3.75E-05	9.52E-03	0.00E+00	0.00E+00	9.61E-03	4.42E-03	0.00E+00	6.81E-03	0.00E+00	0.00E+00	9.52E-03	0.00E+00	0.00E+00	9.61E-03
636	ALL		483475	3717175	NonCancer	0.00E+00	7.08E-05	1.72E-02	0.00E+00	0.00E+00	1.74E-02	8.34E-03	0.00E+00	1.29E-02	0.00E+00	0.00E+00	1.72E-02	0.00E+00	0.00E+00	1.74E-02
637	ALL		483525	3717175	NonCancer	0.00E+00	6.30E-05	1.54E-02	0.00E+00	0.00E+00	1.56E-02	7.42E-03	0.00E+00	1.14E-02	0.00E+00	0.00E+00	1.54E-02	0.00E+00	0.00E+00	1.56E-02
638	ALL		483575	3717175	NonCancer	0.00E+00	3.28E-05	8.41E-03	0.00E+00	0.00E+00	8.48E-03	3.86E-03	0.00E+00	5.96E-03	0.00E+00	0.00E+00	8.41E-03	0.00E+00	0.00E+00	8.48E-03
639	ALL		483625	3717175	NonCancer	0.00E+00	3.09E-05	8.00E-03	0.00E+00	0.00E+00	8.08E-03	3.64E-03	0.00E+00	5.61E-03	0.00E+00	0.00E+00	8.00E-03	0.00E+00	0.00E+00	8.08E-03
640	ALL		483675	3717175	NonCancer	0.00E+00	3.26E-05	8.52E-03	0.00E+00	0.00E+00	8.59E-03	3.83E-03	0.00E+00	5.91E-03	0.00E+00	0.00E+00	8.52E-03	0.00E+00	0.00E+00	8.59E-03
641	ALL		483725	3717175	NonCancer	0.00E+00	3.43E-05	9.02E-03	0.00E+00	0.00E+00	9.10E-03	4.04E-03	0.00E+00	6.23E-03	0.00E+00	0.00E+00	9.02E-03	0.00E+00	0.00E+00	9.10E-03
642	ALL		483775	3717175	NonCancer	0.00E+00	4.03E-05	1.05E-02	0.00E+00	0.00E+00	1.06E-02	4.75E-03	0.00E+00	7.32E-03	0.00E+00	0.00E+00	1.05E-02	0.00E+00	0.00E+00	1.06E-02
643	ALL		483825	3717175	NonCancer	0.00E+00	3.58E-05	9.45E-03	0.00E+00	0.00E+00	9.53E-03	4.21E-03	0.00E+00	6.49E-03	0.00E+00	0.00E+00	9.45E-03	0.00E+00	0.00E+00	9.53E-03
644	ALL		483875	3717175	NonCancer	0.00E+00	3.61E-05	9.69E-03	0.00E+00	0.00E+00	9.77E-03	4.25E-03	0.00E+00	6.55E-03	0.00E+00	0.00E+00	9.69E-03	0.00E+00	0.00E+00	9.77E-03
645	ALL		483925	3717175	NonCancer	0.00E+00	3.88E-05	1.03E-02	0.00E+00	0.00E+00	1.04E-02	4.57E-03	0.00E+00	7.04E-03	0.00E+00	0.00E+00	1.03E-02	0.00E+00	0.00E+00	1.04E-02
646	ALL		483975	3717175	NonCancer	0.00E+00	4.21E-05	1.11E-02	0.00E+00	0.00E+00	1.12E-02	4.96E-03	0.00E+00	7.64E-03	0.00E+00	0.00E+00	1.11E-02	0.00E+00	0.00E+00	1.12E-02
647	ALL		484025	3717175	NonCancer	0.00E+00	5.85E-05	1.51E-02	0.00E+00	0.00E+00	1.52E-02	6.89E-03	0.00E+00	1.06E-02	0.00E+00	0.00E+00	1.51E-02	0.00E+00	0.00E+00	1.52E-02
648	ALL		484075	3717175	NonCancer	0.00E+00	8.73E-05	2.36E-02	0.00E+00	0.00E+00	2.38E-02	1.03E-02	0.00E+00	1.59E-02	0.00E+00	0.00E+00	2.36E-02	0.00E+00	0.00E+00	2.38E-02
649	ALL		484125	3717175	NonCancer	0.00E+00	8.69E-05	2.33E-02	0.00E+00	0.00E+00	2.35E-02	1.02E-02	0.00E+00	1.58E-02	0.00E+00	0.00E+00	2.33E-02	0.00E+00	0.00E+00	2.35E-02
650	ALL		484175	3717175	NonCancer	0.00E+00	7.79E-05	2.05E-02	0.00E+00	0.00E+00	2.06E-02	9.17E-03	0.00E+00	1.41E-02	0.00E+00	0.00E+00	2.05E-02	0.00E+00	0.00E+00	2.06E-02
651	ALL		484225	3717175	NonCancer	0.00E+00	4.95E-05	1.31E-02	0.00E+00	0.00E+00	1.32E-02	5.83E-03	0.00E+00	8.99E-03	0.00E+00	0.00E+00	1.31E-02	0.00E+00	0.00E+00	1.32E-02
652	ALL		484275	3717175	NonCancer	0.00E+00	3.98E-05	1.07E-02	0.00E+00	0.00E+00	1.08E-02	4.68E-03	0.00E+00	7.22E-03	0.00E+00	0.00E+00	1.07E-02	0.00E+00	0.00E+00	1.08E-02
653	ALL		484325	3717175	NonCancer	0.00E+00	3.73E-05	1.02E-02	0.00E+00	0.00E+00	1.03E-02	4.40E-03	0.00E+00	6.78E-03	0.00E+00	0.00E+00	1.02E-02	0.00E+00	0.00E+00	1.03E-02
654	ALL		484375	3717175	NonCancer	0.00E+00	3.99E-05	1.07E-02	0.00E+00	0.00E+00	1.08E-02	4.70E-03	0.00E+00	7.24E-03	0.00E+00	0.00E+00	1.07E-02	0.00E+00	0.00E+00	1.08E-02
655	ALL		484425	3717175	NonCancer	0.00E+00	4.02E-05	1.06E-02	0.00E+00	0.00E+00	1.07E-02	4.73E-03	0.00E+00	7.29E-03	0.00E+00	0.00E+00	1.06E-02	0.00E+00	0.00E+00	1.07E-02
656	ALL		484475	3717175	NonCancer	0.00E+00	3.52E-05	9.97E-03	0.00E+00	0.00E+00	1.00E-02	4.15E-03	0.00E+00	6.39E-03	0.00E+00	0.00E+00	9.97E-03	0.00E+00	0.00E+00	1.00E-02
657	ALL		484525	3717175	NonCancer	0.00E+00	3.72E-05	1.03E-02	0.00E+00	0.00E+00	1.04E-02	4.38E-03	0.00E+00	6.75E-03	0.00E+00	0.00E+00	1.03E-02	0.00E+00	0.00E+00	1.04E-02
658	ALL		484575	3717175	NonCancer	0.00E+00	4.22E-05	1.10E-02	0.00E+00	0.00E+00	1.11E-02	4.97E-03	0.00E+00	7.67E-03	0.00E+00	0.00E+00	1.10E-02	0.00E+00	0.00E+00	1.11E-02
659	ALL		484625	3717175	NonCancer	0.00E+00	4.32E-05	1.11E-02	0.00E+00	0.00E+00	1.12E-02	5.09E-03	0.00E+00	7.85E-03	0.00E+00	0.00E+00	1.11E-02	0.00E+00	0.00E+00	1.12E-02
660	ALL		484675	3717175	NonCancer	0.00E+00	4.00E-05	1.04E-02	0.00E+00	0.00E+00	1.05E-02	4.71E-03	0.00E+00	7.26E-03	0.00E+00	0.00E+00	1.04E-02	0.00E+00	0.00E+00	1.05E-02
661	ALL		484725	3717175	NonCancer	0.00E+00	3.68E-05	1.01E-02	0.00E+00	0.00E+00	1.02E-02	4.34E-03	0.00E+00	6.68E-03	0.00E+00	0.00E+00	1.01E-02	0.00E+00	0.00E+00	1.02E-02
662	ALL		484775	3717175	NonCancer	0.00E+00	3.46E-05	1.00E-02	0.00E+00	0.00E+00	1.01E-02	4.07E-03	0.00E+00	6.28E-03	0.00E+00	0.00E+00	1.00E-02	0.00E+00	0.00E+00	1.01E-02
663	ALL		484825	3717175	NonCancer	0.00E+00	3.50E-05	1.01E-02	0.00E+00	0.00E+00	1.02E-02	4.12E-03	0.00E+00	6.35E-03	0.00E+00	0.00E+00	1.01E-02	0.00E+00	0.00E+00	1.02E-02
664	ALL		484875	3717175	NonCancer	0.00E+00	3.51E-05	9.76E-03	0.00E+00	0.00E+00	9.84E-03	4.13E-03	0.00E+00	6.37E-03	0.00E+00	0.00E+00	9.76E-03	0.00E+00	0.00E+00	9.84E-03
665	ALL		484925	3717175	NonCancer	0.00E+00	3.13E-05	8.54E-03	0.00E+00	0.00E+00	8.62E-03	3.68E-03	0.00E+00	5.68E-03	0.00E+00	0.00E+00	8.54E-03	0.00E+00	0.00E+00	8.62E-03
666	ALL		484975	3717175	NonCancer	0.00E+00	2.60E-05	7.38E-03	0.00E+00	0.00E+00	7.44E-03	3.06E-03	0.00E+00	4.71E-03	0.00E+00	0.00E+00	7.38E-03	0.00E+00	0.00E+00	7.44E-03
667	ALL		485025	3717175	NonCancer	0.00E+00	2.23E-05	6.48E-03	0.00E+00	0.00E+00	6.53E-03	2.63E-03	0.00E+00	4.06E-03	0.00E+00	0.00E+00	6.48E-03	0.00E+00	0.00E+00	6.53E-03
668	ALL		485075	3717175	NonCancer	0.00E+00	1.96E-05	5.69E-03	0.00E+00	0.00E+00	5.73E-03	2.31E-03	0.00E+00	3.56E-03	0.00E+00	0.00E+00	5.69E-03	0.00E+00	0.00E+00	5.73E-03
669	ALL		485125	3717175	NonCancer	0.00E+00	1.84E-05	5.18E-03	0.00E+00	0.00E+00	5.23E-03	2.16E-03	0.00E+00	3.34E-03	0.00E+00	0.00E+00	5.18E-03	0.00E+00	0.00E+00	5.23E-03
670	ALL		485175	3717175	NonCancer	0.00E+00	1.73E-05	4.73E-03	0.00E+00	0.00E+00	4.77E-03	2.03E-03	0.00E+00	3.14E-03	0.00E+00	0.00E+00	4.73E-03	0.00E+00	0.00E+00	4.77E-03
671	ALL		485225	3717175	NonCancer	0.00E+00	1.61E-05	4.37E-03	0.00E+00	0.00E+00	4.40E-03	1.89E-03	0.00E+00	2.92E-03	0.00E+00	0.00E+00	4.37E-03	0.00E+00	0.00E+00	4.40E-03
672	ALL		485275	3717175	NonCancer	0.00E+00	1.49E-05	4.07E-03	0.00E+00	0.00E+00	4.10E-03	1.75E-03	0.00E+00	2.70E-03	0.00E+00	0.00E+00	4.07E-03	0.00E+00	0.00E+00	4.10E-03
673	ALL		485325	3717175	NonCancer	0.00E+00	1.38E-05	3.79E-03	0.00E+00	0.00E+00	3.82E-03	1.63E-03	0.00E+00	2.51E-03	0.00E+00	0.00E+00	3.79E-03	0.00E+00	0.00E+00	3.82E-03
674	ALL		485375	3717175	NonCancer	0.00E+00	1.31E-05	3.59E-03	0.00E+00	0.00E+00	3.62E-03	1.54E-03	0.00E+00	2.37E-03	0.00E+00	0.00E+00	3.59E-03	0.00E+00	0.00E+00	3.62E-03
675	ALL		485425	3717175	NonCancer	0.00E+00	1.24E-05	3.41E-03	0.00E+00	0.00E+00	3.44E-03	1.46E-03	0.00E+00	2.25E-03	0.00E+00	0.00E+00	3.41E-03	0.00E+00	0.00E+00	3.44E-03

*HARP - HRACalc v19044 3/19/2020 1:54:44 PM - Acute Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitAcuteHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
676	ALL		485475	3717175	NonCancer	0.00E+00	1.20E-05	3.31E-03	0.00E+00	0.00E+00	3.33E-03	1.42E-03	0.00E+00	2.19E-03	0.00E+00	0.00E+00	3.31E-03	0.00E+00	0.00E+00	3.33E-03
677	ALL		482925	3717225	NonCancer	0.00E+00	1.57E-05	4.16E-03	0.00E+00	0.00E+00	4.19E-03	1.85E-03	0.00E+00	2.85E-03	0.00E+00	0.00E+00	4.16E-03	0.00E+00	0.00E+00	4.19E-03
678	ALL		482975	3717225	NonCancer	0.00E+00	1.72E-05	4.54E-03	0.00E+00	0.00E+00	4.58E-03	2.02E-03	0.00E+00	3.12E-03	0.00E+00	0.00E+00	4.54E-03	0.00E+00	0.00E+00	4.58E-03
679	ALL		483025	3717225	NonCancer	0.00E+00	1.87E-05	4.92E-03	0.00E+00	0.00E+00	4.96E-03	2.20E-03	0.00E+00	3.39E-03	0.00E+00	0.00E+00	4.92E-03	0.00E+00	0.00E+00	4.96E-03
680	ALL		483075	3717225	NonCancer	0.00E+00	2.03E-05	5.30E-03	0.00E+00	0.00E+00	5.34E-03	2.39E-03	0.00E+00	3.68E-03	0.00E+00	0.00E+00	5.30E-03	0.00E+00	0.00E+00	5.34E-03
681	ALL		483125	3717225	NonCancer	0.00E+00	2.19E-05	5.69E-03	0.00E+00	0.00E+00	5.74E-03	2.58E-03	0.00E+00	3.97E-03	0.00E+00	0.00E+00	5.69E-03	0.00E+00	0.00E+00	5.74E-03
682	ALL		483175	3717225	NonCancer	0.00E+00	2.35E-05	6.13E-03	0.00E+00	0.00E+00	6.18E-03	2.77E-03	0.00E+00	4.27E-03	0.00E+00	0.00E+00	6.13E-03	0.00E+00	0.00E+00	6.18E-03
683	ALL		483225	3717225	NonCancer	0.00E+00	2.65E-05	6.86E-03	0.00E+00	0.00E+00	6.93E-03	3.12E-03	0.00E+00	4.81E-03	0.00E+00	0.00E+00	6.86E-03	0.00E+00	0.00E+00	6.93E-03
684	ALL		483275	3717225	NonCancer	0.00E+00	2.78E-05	7.18E-03	0.00E+00	0.00E+00	7.25E-03	3.27E-03	0.00E+00	5.04E-03	0.00E+00	0.00E+00	7.18E-03	0.00E+00	0.00E+00	7.25E-03
685	ALL		483325	3717225	NonCancer	0.00E+00	3.03E-05	7.81E-03	0.00E+00	0.00E+00	7.88E-03	3.57E-03	0.00E+00	5.50E-03	0.00E+00	0.00E+00	7.81E-03	0.00E+00	0.00E+00	7.88E-03
686	ALL		483375	3717225	NonCancer	0.00E+00	3.35E-05	8.59E-03	0.00E+00	0.00E+00	8.66E-03	3.94E-03	0.00E+00	6.08E-03	0.00E+00	0.00E+00	8.59E-03	0.00E+00	0.00E+00	8.66E-03
687	ALL		483425	3717225	NonCancer	0.00E+00	3.65E-05	9.29E-03	0.00E+00	0.00E+00	9.37E-03	4.30E-03	0.00E+00	6.63E-03	0.00E+00	0.00E+00	9.29E-03	0.00E+00	0.00E+00	9.37E-03
688	ALL		483475	3717225	NonCancer	0.00E+00	4.21E-05	1.06E-02	0.00E+00	0.00E+00	1.07E-02	4.95E-03	0.00E+00	7.63E-03	0.00E+00	0.00E+00	1.06E-02	0.00E+00	0.00E+00	1.07E-02
689	ALL		483525	3717225	NonCancer	0.00E+00	9.52E-05	2.30E-02	0.00E+00	0.00E+00	2.32E-02	1.12E-02	0.00E+00	1.73E-02	0.00E+00	0.00E+00	2.30E-02	0.00E+00	0.00E+00	2.32E-02
690	ALL		483575	3717225	NonCancer	0.00E+00	4.42E-05	1.11E-02	0.00E+00	0.00E+00	1.12E-02	5.21E-03	0.00E+00	8.03E-03	0.00E+00	0.00E+00	1.11E-02	0.00E+00	0.00E+00	1.12E-02
691	ALL		483625	3717225	NonCancer	0.00E+00	3.42E-05	8.82E-03	0.00E+00	0.00E+00	8.89E-03	4.03E-03	0.00E+00	6.21E-03	0.00E+00	0.00E+00	8.82E-03	0.00E+00	0.00E+00	8.89E-03
692	ALL		483675	3717225	NonCancer	0.00E+00	3.42E-05	8.90E-03	0.00E+00	0.00E+00	8.98E-03	4.03E-03	0.00E+00	6.22E-03	0.00E+00	0.00E+00	8.90E-03	0.00E+00	0.00E+00	8.98E-03
693	ALL		483725	3717225	NonCancer	0.00E+00	3.60E-05	9.43E-03	0.00E+00	0.00E+00	9.52E-03	4.24E-03	0.00E+00	6.53E-03	0.00E+00	0.00E+00	9.43E-03	0.00E+00	0.00E+00	9.52E-03
694	ALL		483775	3717225	NonCancer	0.00E+00	3.68E-05	9.65E-03	0.00E+00	0.00E+00	9.74E-03	4.33E-03	0.00E+00	6.68E-03	0.00E+00	0.00E+00	9.65E-03	0.00E+00	0.00E+00	9.74E-03
695	ALL		483825	3717225	NonCancer	0.00E+00	3.65E-05	9.62E-03	0.00E+00	0.00E+00	9.70E-03	4.30E-03	0.00E+00	6.63E-03	0.00E+00	0.00E+00	9.62E-03	0.00E+00	0.00E+00	9.70E-03
696	ALL		483875	3717225	NonCancer	0.00E+00	3.86E-05	1.03E-02	0.00E+00	0.00E+00	1.04E-02	4.55E-03	0.00E+00	7.01E-03	0.00E+00	0.00E+00	1.03E-02	0.00E+00	0.00E+00	1.04E-02
697	ALL		483925	3717225	NonCancer	0.00E+00	4.02E-05	1.08E-02	0.00E+00	0.00E+00	1.09E-02	4.74E-03	0.00E+00	7.30E-03	0.00E+00	0.00E+00	1.08E-02	0.00E+00	0.00E+00	1.09E-02
698	ALL		483975	3717225	NonCancer	0.00E+00	4.03E-05	1.07E-02	0.00E+00	0.00E+00	1.08E-02	4.74E-03	0.00E+00	7.31E-03	0.00E+00	0.00E+00	1.07E-02	0.00E+00	0.00E+00	1.08E-02
699	ALL		484025	3717225	NonCancer	0.00E+00	4.58E-05	1.22E-02	0.00E+00	0.00E+00	1.23E-02	5.40E-03	0.00E+00	8.32E-03	0.00E+00	0.00E+00	1.22E-02	0.00E+00	0.00E+00	1.23E-02
700	ALL		484075	3717225	NonCancer	0.00E+00	5.25E-05	1.38E-02	0.00E+00	0.00E+00	1.39E-02	6.18E-03	0.00E+00	9.53E-03	0.00E+00	0.00E+00	1.38E-02	0.00E+00	0.00E+00	1.39E-02
701	ALL		484125	3717225	NonCancer	0.00E+00	6.16E-05	1.60E-02	0.00E+00	0.00E+00	1.62E-02	7.26E-03	0.00E+00	1.12E-02	0.00E+00	0.00E+00	1.60E-02	0.00E+00	0.00E+00	1.62E-02
702	ALL		484175	3717225	NonCancer	0.00E+00	5.50E-05	1.45E-02	0.00E+00	0.00E+00	1.46E-02	6.48E-03	0.00E+00	9.99E-03	0.00E+00	0.00E+00	1.45E-02	0.00E+00	0.00E+00	1.46E-02
703	ALL		484225	3717225	NonCancer	0.00E+00	4.30E-05	1.15E-02	0.00E+00	0.00E+00	1.16E-02	5.06E-03	0.00E+00	7.81E-03	0.00E+00	0.00E+00	1.15E-02	0.00E+00	0.00E+00	1.16E-02
704	ALL		484275	3717225	NonCancer	0.00E+00	4.50E-05	1.20E-02	0.00E+00	0.00E+00	1.21E-02	5.30E-03	0.00E+00	8.17E-03	0.00E+00	0.00E+00	1.20E-02	0.00E+00	0.00E+00	1.21E-02
705	ALL		484325	3717225	NonCancer	0.00E+00	4.27E-05	1.17E-02	0.00E+00	0.00E+00	1.18E-02	5.03E-03	0.00E+00	7.75E-03	0.00E+00	0.00E+00	1.17E-02	0.00E+00	0.00E+00	1.18E-02
706	ALL		484375	3717225	NonCancer	0.00E+00	4.55E-05	1.22E-02	0.00E+00	0.00E+00	1.23E-02	5.36E-03	0.00E+00	8.26E-03	0.00E+00	0.00E+00	1.22E-02	0.00E+00	0.00E+00	1.23E-02
707	ALL		484425	3717225	NonCancer	0.00E+00	4.40E-05	1.18E-02	0.00E+00	0.00E+00	1.19E-02	5.18E-03	0.00E+00	7.99E-03	0.00E+00	0.00E+00	1.18E-02	0.00E+00	0.00E+00	1.19E-02
708	ALL		484475	3717225	NonCancer	0.00E+00	3.96E-05	1.13E-02	0.00E+00	0.00E+00	1.13E-02	4.66E-03	0.00E+00	7.19E-03	0.00E+00	0.00E+00	1.13E-02	0.00E+00	0.00E+00	1.13E-02
709	ALL		484525	3717225	NonCancer	0.00E+00	4.67E-05	1.25E-02	0.00E+00	0.00E+00	1.26E-02	5.50E-03	0.00E+00	8.48E-03	0.00E+00	0.00E+00	1.25E-02	0.00E+00	0.00E+00	1.26E-02
710	ALL		484575	3717225	NonCancer	0.00E+00	5.01E-05	1.29E-02	0.00E+00	0.00E+00	1.30E-02	5.90E-03	0.00E+00	9.10E-03	0.00E+00	0.00E+00	1.29E-02	0.00E+00	0.00E+00	1.30E-02
711	ALL		484625	3717225	NonCancer	0.00E+00	4.79E-05	1.24E-02	0.00E+00	0.00E+00	1.25E-02	5.64E-03	0.00E+00	8.70E-03	0.00E+00	0.00E+00	1.24E-02	0.00E+00	0.00E+00	1.25E-02
712	ALL		484675	3717225	NonCancer	0.00E+00	4.26E-05	1.15E-02	0.00E+00	0.00E+00	1.16E-02	5.02E-03	0.00E+00	7.73E-03	0.00E+00	0.00E+00	1.15E-02	0.00E+00	0.00E+00	1.16E-02
713	ALL		484725	3717225	NonCancer	0.00E+00	3.84E-05	1.11E-02	0.00E+00	0.00E+00	1.12E-02	4.53E-03	0.00E+00	6.98E-03	0.00E+00	0.00E+00	1.11E-02	0.00E+00	0.00E+00	1.12E-02
714	ALL		484775	3717225	NonCancer	0.00E+00	3.88E-05	1.13E-02	0.00E+00	0.00E+00	1.14E-02	4.57E-03	0.00E+00	7.05E-03	0.00E+00	0.00E+00	1.13E-02	0.00E+00	0.00E+00	1.14E-02
715	ALL		484825	3717225	NonCancer	0.00E+00	3.72E-05	1.06E-02	0.00E+00	0.00E+00	1.06E-02	4.38E-03	0.00E+00	6.76E-03	0.00E+00	0.00E+00	1.06E-02	0.00E+00	0.00E+00	1.06E-02
716	ALL		484875	3717225	NonCancer	0.00E+00	3.38E-05	9.29E-03	0.00E+00	0.00E+00	9.37E-03	3.98E-03	0.00E+00	6.13E-03	0.00E+00	0.00E+00	9.29E-03	0.00E+00	0.00E+00	9.37E-03
717	ALL		484925	3717225	NonCancer	0.00E+00	2.92E-05	8.33E-03	0.00E+00	0.00E+00	8.40E-03	3.44E-03	0.00E+00	5.30E-03	0.00E+00	0.00E+00	8.33E-03	0.00E+00	0.00E+00	8.40E-03
718	ALL		484975	3717225	NonCancer	0.00E+00	2.46E-05	7.17E-03	0.00E+00	0.00E+00	7.23E-03	2.90E-03	0.00E+00	4.47E-03	0.00E+00	0.00E+00	7.17E-03	0.00E+00	0.00E+00	7.23E-03
719	ALL		485025	3717225	NonCancer	0.00E+00	2.18E-05	6.34E-03	0.00E+00	0.00E+00	6.39E-03	2.57E-03	0.00E+00	3.96E-03	0.00E+00	0.00E+00	6.34E-03	0.00E+00	0.00E+00	6.39E-03
720	ALL		485075	3717225	NonCancer	0.00E+00	2.05E-05	5.78E-03	0.00E+00	0.00E+00	5.83E-03	2.42E-03	0.00E+00	3.73E-03	0.00E+00	0.00E+00	5.78E-03	0.00E+00	0.00E+00	5.83E-03

*HARP - HRACalc v19044 3/19/2020 1:54:44 PM - Acute Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitAcuteHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
721	ALL		485125	3717225	NonCancer	0.00E+00	1.88E-05	5.15E-03	0.00E+00	0.00E+00	5.19E-03	2.22E-03	0.00E+00	3.42E-03	0.00E+00	0.00E+00	5.15E-03	0.00E+00	0.00E+00	5.19E-03
722	ALL		485175	3717225	NonCancer	0.00E+00	1.72E-05	4.68E-03	0.00E+00	0.00E+00	4.72E-03	2.03E-03	0.00E+00	3.12E-03	0.00E+00	0.00E+00	4.68E-03	0.00E+00	0.00E+00	4.72E-03
723	ALL		485225	3717225	NonCancer	0.00E+00	1.58E-05	4.33E-03	0.00E+00	0.00E+00	4.36E-03	1.87E-03	0.00E+00	2.88E-03	0.00E+00	0.00E+00	4.33E-03	0.00E+00	0.00E+00	4.36E-03
724	ALL		485275	3717225	NonCancer	0.00E+00	1.48E-05	4.05E-03	0.00E+00	0.00E+00	4.09E-03	1.74E-03	0.00E+00	2.68E-03	0.00E+00	0.00E+00	4.05E-03	0.00E+00	0.00E+00	4.09E-03
725	ALL		485325	3717225	NonCancer	0.00E+00	1.39E-05	3.83E-03	0.00E+00	0.00E+00	3.87E-03	1.64E-03	0.00E+00	2.53E-03	0.00E+00	0.00E+00	3.83E-03	0.00E+00	0.00E+00	3.87E-03
726	ALL		485375	3717225	NonCancer	0.00E+00	1.37E-05	3.76E-03	0.00E+00	0.00E+00	3.79E-03	1.61E-03	0.00E+00	2.48E-03	0.00E+00	0.00E+00	3.76E-03	0.00E+00	0.00E+00	3.79E-03
727	ALL		485425	3717225	NonCancer	0.00E+00	1.28E-05	3.54E-03	0.00E+00	0.00E+00	3.57E-03	1.51E-03	0.00E+00	2.32E-03	0.00E+00	0.00E+00	3.54E-03	0.00E+00	0.00E+00	3.57E-03
728	ALL		485475	3717225	NonCancer	0.00E+00	1.21E-05	3.39E-03	0.00E+00	0.00E+00	3.42E-03	1.43E-03	0.00E+00	2.20E-03	0.00E+00	0.00E+00	3.39E-03	0.00E+00	0.00E+00	3.42E-03
729	ALL		482925	3717275	NonCancer	0.00E+00	1.57E-05	4.14E-03	0.00E+00	0.00E+00	4.17E-03	1.85E-03	0.00E+00	2.86E-03	0.00E+00	0.00E+00	4.14E-03	0.00E+00	0.00E+00	4.17E-03
730	ALL		482975	3717275	NonCancer	0.00E+00	1.67E-05	4.42E-03	0.00E+00	0.00E+00	4.45E-03	1.97E-03	0.00E+00	3.03E-03	0.00E+00	0.00E+00	4.42E-03	0.00E+00	0.00E+00	4.45E-03
731	ALL		483025	3717275	NonCancer	0.00E+00	1.82E-05	4.82E-03	0.00E+00	0.00E+00	4.87E-03	2.15E-03	0.00E+00	3.31E-03	0.00E+00	0.00E+00	4.82E-03	0.00E+00	0.00E+00	4.87E-03
732	ALL		483075	3717275	NonCancer	0.00E+00	2.00E-05	5.29E-03	0.00E+00	0.00E+00	5.34E-03	2.36E-03	0.00E+00	3.64E-03	0.00E+00	0.00E+00	5.29E-03	0.00E+00	0.00E+00	5.34E-03
733	ALL		483125	3717275	NonCancer	0.00E+00	2.19E-05	5.77E-03	0.00E+00	0.00E+00	5.82E-03	2.58E-03	0.00E+00	3.98E-03	0.00E+00	0.00E+00	5.77E-03	0.00E+00	0.00E+00	5.82E-03
734	ALL		483175	3717275	NonCancer	0.00E+00	2.42E-05	6.31E-03	0.00E+00	0.00E+00	6.37E-03	2.85E-03	0.00E+00	4.40E-03	0.00E+00	0.00E+00	6.31E-03	0.00E+00	0.00E+00	6.37E-03
735	ALL		483225	3717275	NonCancer	0.00E+00	2.65E-05	6.84E-03	0.00E+00	0.00E+00	6.90E-03	3.12E-03	0.00E+00	4.80E-03	0.00E+00	0.00E+00	6.84E-03	0.00E+00	0.00E+00	6.90E-03
736	ALL		483275	3717275	NonCancer	0.00E+00	2.88E-05	7.42E-03	0.00E+00	0.00E+00	7.49E-03	3.39E-03	0.00E+00	5.23E-03	0.00E+00	0.00E+00	7.42E-03	0.00E+00	0.00E+00	7.49E-03
737	ALL		483325	3717275	NonCancer	0.00E+00	3.12E-05	8.01E-03	0.00E+00	0.00E+00	8.09E-03	3.67E-03	0.00E+00	5.66E-03	0.00E+00	0.00E+00	8.01E-03	0.00E+00	0.00E+00	8.09E-03
738	ALL		483375	3717275	NonCancer	0.00E+00	3.43E-05	8.76E-03	0.00E+00	0.00E+00	8.84E-03	4.04E-03	0.00E+00	6.22E-03	0.00E+00	0.00E+00	8.76E-03	0.00E+00	0.00E+00	8.84E-03
739	ALL		483425	3717275	NonCancer	0.00E+00	3.81E-05	9.65E-03	0.00E+00	0.00E+00	9.74E-03	4.48E-03	0.00E+00	6.91E-03	0.00E+00	0.00E+00	9.65E-03	0.00E+00	0.00E+00	9.74E-03
740	ALL		483475	3717275	NonCancer	0.00E+00	4.03E-05	1.02E-02	0.00E+00	0.00E+00	1.03E-02	4.74E-03	0.00E+00	7.31E-03	0.00E+00	0.00E+00	1.02E-02	0.00E+00	0.00E+00	1.03E-02
741	ALL		483525	3717275	NonCancer	0.00E+00	5.65E-05	1.40E-02	0.00E+00	0.00E+00	1.41E-02	6.65E-03	0.00E+00	1.03E-02	0.00E+00	0.00E+00	1.40E-02	0.00E+00	0.00E+00	1.41E-02
742	ALL		483575	3717275	NonCancer	0.00E+00	9.69E-05	2.34E-02	0.00E+00	0.00E+00	2.37E-02	1.14E-02	0.00E+00	1.76E-02	0.00E+00	0.00E+00	2.34E-02	0.00E+00	0.00E+00	2.37E-02
743	ALL		483625	3717275	NonCancer	0.00E+00	3.94E-05	1.01E-02	0.00E+00	0.00E+00	1.02E-02	4.64E-03	0.00E+00	7.16E-03	0.00E+00	0.00E+00	1.01E-02	0.00E+00	0.00E+00	1.02E-02
744	ALL		483675	3717275	NonCancer	0.00E+00	3.62E-05	9.38E-03	0.00E+00	0.00E+00	9.47E-03	4.27E-03	0.00E+00	6.58E-03	0.00E+00	0.00E+00	9.38E-03	0.00E+00	0.00E+00	9.47E-03
745	ALL		483725	3717275	NonCancer	0.00E+00	3.57E-05	9.33E-03	0.00E+00	0.00E+00	9.41E-03	4.21E-03	0.00E+00	6.49E-03	0.00E+00	0.00E+00	9.33E-03	0.00E+00	0.00E+00	9.41E-03
746	ALL		483775	3717275	NonCancer	0.00E+00	3.71E-05	9.74E-03	0.00E+00	0.00E+00	9.83E-03	4.37E-03	0.00E+00	6.73E-03	0.00E+00	0.00E+00	9.74E-03	0.00E+00	0.00E+00	9.83E-03
747	ALL		483825	3717275	NonCancer	0.00E+00	3.74E-05	9.84E-03	0.00E+00	0.00E+00	9.92E-03	4.41E-03	0.00E+00	6.79E-03	0.00E+00	0.00E+00	9.84E-03	0.00E+00	0.00E+00	9.92E-03
748	ALL		483875	3717275	NonCancer	0.00E+00	4.03E-05	1.06E-02	0.00E+00	0.00E+00	1.07E-02	4.75E-03	0.00E+00	7.32E-03	0.00E+00	0.00E+00	1.06E-02	0.00E+00	0.00E+00	1.07E-02
749	ALL		483925	3717275	NonCancer	0.00E+00	4.55E-05	1.22E-02	0.00E+00	0.00E+00	1.24E-02	5.36E-03	0.00E+00	8.27E-03	0.00E+00	0.00E+00	1.22E-02	0.00E+00	0.00E+00	1.24E-02
750	ALL		483975	3717275	NonCancer	0.00E+00	4.50E-05	1.20E-02	0.00E+00	0.00E+00	1.21E-02	5.30E-03	0.00E+00	8.17E-03	0.00E+00	0.00E+00	1.20E-02	0.00E+00	0.00E+00	1.21E-02
751	ALL		484025	3717275	NonCancer	0.00E+00	4.75E-05	1.26E-02	0.00E+00	0.00E+00	1.27E-02	5.60E-03	0.00E+00	8.63E-03	0.00E+00	0.00E+00	1.26E-02	0.00E+00	0.00E+00	1.27E-02
752	ALL		484075	3717275	NonCancer	0.00E+00	5.02E-05	1.34E-02	0.00E+00	0.00E+00	1.35E-02	5.92E-03	0.00E+00	9.12E-03	0.00E+00	0.00E+00	1.34E-02	0.00E+00	0.00E+00	1.35E-02
753	ALL		484125	3717275	NonCancer	0.00E+00	5.25E-05	1.40E-02	0.00E+00	0.00E+00	1.41E-02	6.18E-03	0.00E+00	9.53E-03	0.00E+00	0.00E+00	1.40E-02	0.00E+00	0.00E+00	1.41E-02
754	ALL		484175	3717275	NonCancer	0.00E+00	5.14E-05	1.37E-02	0.00E+00	0.00E+00	1.39E-02	6.05E-03	0.00E+00	9.33E-03	0.00E+00	0.00E+00	1.37E-02	0.00E+00	0.00E+00	1.39E-02
755	ALL		484225	3717275	NonCancer	0.00E+00	5.00E-05	1.34E-02	0.00E+00	0.00E+00	1.35E-02	5.89E-03	0.00E+00	9.08E-03	0.00E+00	0.00E+00	1.34E-02	0.00E+00	0.00E+00	1.35E-02
756	ALL		484275	3717275	NonCancer	0.00E+00	5.23E-05	1.39E-02	0.00E+00	0.00E+00	1.40E-02	6.16E-03	0.00E+00	9.49E-03	0.00E+00	0.00E+00	1.39E-02	0.00E+00	0.00E+00	1.40E-02
757	ALL		484325	3717275	NonCancer	0.00E+00	5.07E-05	1.38E-02	0.00E+00	0.00E+00	1.39E-02	5.97E-03	0.00E+00	9.21E-03	0.00E+00	0.00E+00	1.38E-02	0.00E+00	0.00E+00	1.39E-02
758	ALL		484375	3717275	NonCancer	0.00E+00	5.25E-05	1.40E-02	0.00E+00	0.00E+00	1.41E-02	6.18E-03	0.00E+00	9.52E-03	0.00E+00	0.00E+00	1.40E-02	0.00E+00	0.00E+00	1.41E-02
759	ALL		484425	3717275	NonCancer	0.00E+00	4.88E-05	1.34E-02	0.00E+00	0.00E+00	1.35E-02	5.74E-03	0.00E+00	8.85E-03	0.00E+00	0.00E+00	1.34E-02	0.00E+00	0.00E+00	1.35E-02
760	ALL		484475	3717275	NonCancer	0.00E+00	5.08E-05	1.41E-02	0.00E+00	0.00E+00	1.42E-02	5.99E-03	0.00E+00	9.23E-03	0.00E+00	0.00E+00	1.41E-02	0.00E+00	0.00E+00	1.42E-02
761	ALL		484525	3717275	NonCancer	0.00E+00	5.76E-05	1.50E-02	0.00E+00	0.00E+00	1.51E-02	6.79E-03	0.00E+00	1.05E-02	0.00E+00	0.00E+00	1.50E-02	0.00E+00	0.00E+00	1.51E-02
762	ALL		484575	3717275	NonCancer	0.00E+00	5.74E-05	1.48E-02	0.00E+00	0.00E+00	1.49E-02	6.76E-03	0.00E+00	1.04E-02	0.00E+00	0.00E+00	1.48E-02	0.00E+00	0.00E+00	1.49E-02
763	ALL		484625	3717275	NonCancer	0.00E+00	5.12E-05	1.35E-02	0.00E+00	0.00E+00	1.36E-02	6.03E-03	0.00E+00	9.30E-03	0.00E+00	0.00E+00	1.35E-02	0.00E+00	0.00E+00	1.36E-02
764	ALL		484675	3717275	NonCancer	0.00E+00	4.49E-05	1.28E-02	0.00E+00	0.00E+00	1.29E-02	5.29E-03	0.00E+00	8.16E-03	0.00E+00	0.00E+00	1.28E-02	0.00E+00	0.00E+00	1.29E-02
765	ALL		484725	3717275	NonCancer	0.00E+00	4.42E-05	1.29E-02	0.00E+00	0.00E+00	1.30E-02	5.20E-03	0.00E+00	8.02E-03	0.00E+00	0.00E+00	1.29E-02	0.00E+00	0.00E+00	1.30E-02

*HARP - HRACalc v19044 3/19/2020 1:54:44 PM - Acute Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitAcuteHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
766	ALL		484775	3717275	NonCancer	0.00E+00	4.22E-05	1.21E-02	0.00E+00	0.00E+00	1.22E-02	4.97E-03	0.00E+00	7.66E-03	0.00E+00	0.00E+00	1.21E-02	0.00E+00	0.00E+00	1.22E-02
767	ALL		484825	3717275	NonCancer	0.00E+00	3.78E-05	1.04E-02	0.00E+00	0.00E+00	1.05E-02	4.46E-03	0.00E+00	6.87E-03	0.00E+00	0.00E+00	1.04E-02	0.00E+00	0.00E+00	1.05E-02
768	ALL		484875	3717275	NonCancer	0.00E+00	3.24E-05	9.28E-03	0.00E+00	0.00E+00	9.36E-03	3.82E-03	0.00E+00	5.89E-03	0.00E+00	0.00E+00	9.28E-03	0.00E+00	0.00E+00	9.36E-03
769	ALL		484925	3717275	NonCancer	0.00E+00	2.73E-05	7.99E-03	0.00E+00	0.00E+00	8.05E-03	3.21E-03	0.00E+00	4.95E-03	0.00E+00	0.00E+00	7.99E-03	0.00E+00	0.00E+00	8.05E-03
770	ALL		484975	3717275	NonCancer	0.00E+00	2.42E-05	7.04E-03	0.00E+00	0.00E+00	7.10E-03	2.85E-03	0.00E+00	4.40E-03	0.00E+00	0.00E+00	7.04E-03	0.00E+00	0.00E+00	7.10E-03
771	ALL		485025	3717275	NonCancer	0.00E+00	2.38E-05	6.66E-03	0.00E+00	0.00E+00	6.71E-03	2.81E-03	0.00E+00	4.33E-03	0.00E+00	0.00E+00	6.66E-03	0.00E+00	0.00E+00	6.71E-03
772	ALL		485075	3717275	NonCancer	0.00E+00	2.13E-05	5.81E-03	0.00E+00	0.00E+00	5.86E-03	2.51E-03	0.00E+00	3.87E-03	0.00E+00	0.00E+00	5.81E-03	0.00E+00	0.00E+00	5.86E-03
773	ALL		485125	3717275	NonCancer	0.00E+00	1.90E-05	5.17E-03	0.00E+00	0.00E+00	5.21E-03	2.23E-03	0.00E+00	3.45E-03	0.00E+00	0.00E+00	5.17E-03	0.00E+00	0.00E+00	5.21E-03
774	ALL		485175	3717275	NonCancer	0.00E+00	1.72E-05	4.70E-03	0.00E+00	0.00E+00	4.74E-03	2.03E-03	0.00E+00	3.12E-03	0.00E+00	0.00E+00	4.70E-03	0.00E+00	0.00E+00	4.74E-03
775	ALL		485225	3717275	NonCancer	0.00E+00	1.57E-05	4.32E-03	0.00E+00	0.00E+00	4.36E-03	1.85E-03	0.00E+00	2.85E-03	0.00E+00	0.00E+00	4.32E-03	0.00E+00	0.00E+00	4.36E-03
776	ALL		485275	3717275	NonCancer	0.00E+00	1.49E-05	4.12E-03	0.00E+00	0.00E+00	4.15E-03	1.76E-03	0.00E+00	2.71E-03	0.00E+00	0.00E+00	4.12E-03	0.00E+00	0.00E+00	4.15E-03
777	ALL		485325	3717275	NonCancer	0.00E+00	1.44E-05	3.99E-03	0.00E+00	0.00E+00	4.02E-03	1.69E-03	0.00E+00	2.61E-03	0.00E+00	0.00E+00	3.99E-03	0.00E+00	0.00E+00	4.02E-03
778	ALL		485375	3717275	NonCancer	0.00E+00	1.39E-05	3.89E-03	0.00E+00	0.00E+00	3.92E-03	1.64E-03	0.00E+00	2.52E-03	0.00E+00	0.00E+00	3.89E-03	0.00E+00	0.00E+00	3.92E-03
779	ALL		485425	3717275	NonCancer	0.00E+00	1.34E-05	3.77E-03	0.00E+00	0.00E+00	3.80E-03	1.58E-03	0.00E+00	2.44E-03	0.00E+00	0.00E+00	3.77E-03	0.00E+00	0.00E+00	3.80E-03
780	ALL		485475	3717275	NonCancer	0.00E+00	1.24E-05	3.47E-03	0.00E+00	0.00E+00	3.50E-03	1.46E-03	0.00E+00	2.25E-03	0.00E+00	0.00E+00	3.47E-03	0.00E+00	0.00E+00	3.50E-03
781	ALL		482925	3717325	NonCancer	0.00E+00	1.61E-05	4.19E-03	0.00E+00	0.00E+00	4.23E-03	1.89E-03	0.00E+00	2.92E-03	0.00E+00	0.00E+00	4.19E-03	0.00E+00	0.00E+00	4.23E-03
782	ALL		482975	3717325	NonCancer	0.00E+00	1.71E-05	4.45E-03	0.00E+00	0.00E+00	4.49E-03	2.01E-03	0.00E+00	3.10E-03	0.00E+00	0.00E+00	4.45E-03	0.00E+00	0.00E+00	4.49E-03
783	ALL		483025	3717325	NonCancer	0.00E+00	1.82E-05	4.77E-03	0.00E+00	0.00E+00	4.82E-03	2.14E-03	0.00E+00	3.30E-03	0.00E+00	0.00E+00	4.77E-03	0.00E+00	0.00E+00	4.82E-03
784	ALL		483075	3717325	NonCancer	0.00E+00	1.94E-05	5.13E-03	0.00E+00	0.00E+00	5.17E-03	2.28E-03	0.00E+00	3.52E-03	0.00E+00	0.00E+00	5.13E-03	0.00E+00	0.00E+00	5.17E-03
785	ALL		483125	3717325	NonCancer	0.00E+00	2.13E-05	5.65E-03	0.00E+00	0.00E+00	5.70E-03	2.51E-03	0.00E+00	3.88E-03	0.00E+00	0.00E+00	5.65E-03	0.00E+00	0.00E+00	5.70E-03
786	ALL		483175	3717325	NonCancer	0.00E+00	2.38E-05	6.27E-03	0.00E+00	0.00E+00	6.32E-03	2.80E-03	0.00E+00	4.31E-03	0.00E+00	0.00E+00	6.27E-03	0.00E+00	0.00E+00	6.32E-03
787	ALL		483225	3717325	NonCancer	0.00E+00	2.64E-05	6.93E-03	0.00E+00	0.00E+00	6.99E-03	3.11E-03	0.00E+00	4.80E-03	0.00E+00	0.00E+00	6.93E-03	0.00E+00	0.00E+00	6.99E-03
788	ALL		483275	3717325	NonCancer	0.00E+00	2.94E-05	7.64E-03	0.00E+00	0.00E+00	7.71E-03	3.46E-03	0.00E+00	5.34E-03	0.00E+00	0.00E+00	7.64E-03	0.00E+00	0.00E+00	7.71E-03
789	ALL		483325	3717325	NonCancer	0.00E+00	3.25E-05	8.35E-03	0.00E+00	0.00E+00	8.43E-03	3.83E-03	0.00E+00	5.90E-03	0.00E+00	0.00E+00	8.35E-03	0.00E+00	0.00E+00	8.43E-03
790	ALL		483375	3717325	NonCancer	0.00E+00	3.61E-05	9.21E-03	0.00E+00	0.00E+00	9.29E-03	4.25E-03	0.00E+00	6.56E-03	0.00E+00	0.00E+00	9.21E-03	0.00E+00	0.00E+00	9.29E-03
791	ALL		483425	3717325	NonCancer	0.00E+00	3.98E-05	1.01E-02	0.00E+00	0.00E+00	1.02E-02	4.69E-03	0.00E+00	7.22E-03	0.00E+00	0.00E+00	1.01E-02	0.00E+00	0.00E+00	1.02E-02
792	ALL		483475	3717325	NonCancer	0.00E+00	4.23E-05	1.07E-02	0.00E+00	0.00E+00	1.08E-02	4.98E-03	0.00E+00	7.68E-03	0.00E+00	0.00E+00	1.07E-02	0.00E+00	0.00E+00	1.08E-02
793	ALL		483525	3717325	NonCancer	0.00E+00	4.65E-05	1.17E-02	0.00E+00	0.00E+00	1.18E-02	5.47E-03	0.00E+00	8.44E-03	0.00E+00	0.00E+00	1.17E-02	0.00E+00	0.00E+00	1.18E-02
794	ALL		483575	3717325	NonCancer	0.00E+00	9.12E-05	2.21E-02	0.00E+00	0.00E+00	2.24E-02	1.07E-02	0.00E+00	1.66E-02	0.00E+00	0.00E+00	2.21E-02	0.00E+00	0.00E+00	2.24E-02
795	ALL		483625	3717325	NonCancer	0.00E+00	6.40E-05	1.58E-02	0.00E+00	0.00E+00	1.60E-02	7.53E-03	0.00E+00	1.16E-02	0.00E+00	0.00E+00	1.58E-02	0.00E+00	0.00E+00	1.60E-02
796	ALL		483675	3717325	NonCancer	0.00E+00	4.10E-05	1.06E-02	0.00E+00	0.00E+00	1.07E-02	4.83E-03	0.00E+00	7.45E-03	0.00E+00	0.00E+00	1.06E-02	0.00E+00	0.00E+00	1.07E-02
797	ALL		483725	3717325	NonCancer	0.00E+00	4.11E-05	1.07E-02	0.00E+00	0.00E+00	1.08E-02	4.85E-03	0.00E+00	7.47E-03	0.00E+00	0.00E+00	1.07E-02	0.00E+00	0.00E+00	1.08E-02
798	ALL		483775	3717325	NonCancer	0.00E+00	4.16E-05	1.09E-02	0.00E+00	0.00E+00	1.10E-02	4.90E-03	0.00E+00	7.55E-03	0.00E+00	0.00E+00	1.09E-02	0.00E+00	0.00E+00	1.10E-02
799	ALL		483825	3717325	NonCancer	0.00E+00	4.34E-05	1.14E-02	0.00E+00	0.00E+00	1.15E-02	5.11E-03	0.00E+00	7.88E-03	0.00E+00	0.00E+00	1.14E-02	0.00E+00	0.00E+00	1.15E-02
800	ALL		483875	3717325	NonCancer	0.00E+00	4.61E-05	1.21E-02	0.00E+00	0.00E+00	1.22E-02	5.43E-03	0.00E+00	8.37E-03	0.00E+00	0.00E+00	1.21E-02	0.00E+00	0.00E+00	1.22E-02
801	ALL		483925	3717325	NonCancer	0.00E+00	5.14E-05	1.36E-02	0.00E+00	0.00E+00	1.37E-02	6.05E-03	0.00E+00	9.33E-03	0.00E+00	0.00E+00	1.36E-02	0.00E+00	0.00E+00	1.37E-02
802	ALL		483975	3717325	NonCancer	0.00E+00	5.35E-05	1.44E-02	0.00E+00	0.00E+00	1.46E-02	6.30E-03	0.00E+00	9.71E-03	0.00E+00	0.00E+00	1.44E-02	0.00E+00	0.00E+00	1.46E-02
803	ALL		484025	3717325	NonCancer	0.00E+00	5.22E-05	1.38E-02	0.00E+00	0.00E+00	1.40E-02	6.15E-03	0.00E+00	9.48E-03	0.00E+00	0.00E+00	1.38E-02	0.00E+00	0.00E+00	1.40E-02
804	ALL		484075	3717325	NonCancer	0.00E+00	5.49E-05	1.46E-02	0.00E+00	0.00E+00	1.47E-02	6.47E-03	0.00E+00	9.97E-03	0.00E+00	0.00E+00	1.46E-02	0.00E+00	0.00E+00	1.47E-02
805	ALL		484125	3717325	NonCancer	0.00E+00	5.53E-05	1.47E-02	0.00E+00	0.00E+00	1.48E-02	6.51E-03	0.00E+00	1.00E-02	0.00E+00	0.00E+00	1.47E-02	0.00E+00	0.00E+00	1.48E-02
806	ALL		484175	3717325	NonCancer	0.00E+00	5.56E-05	1.48E-02	0.00E+00	0.00E+00	1.50E-02	6.54E-03	0.00E+00	1.01E-02	0.00E+00	0.00E+00	1.48E-02	0.00E+00	0.00E+00	1.50E-02
807	ALL		484225	3717325	NonCancer	0.00E+00	5.86E-05	1.56E-02	0.00E+00	0.00E+00	1.57E-02	6.90E-03	0.00E+00	1.06E-02	0.00E+00	0.00E+00	1.56E-02	0.00E+00	0.00E+00	1.57E-02
808	ALL		484275	3717325	NonCancer	0.00E+00	6.14E-05	1.62E-02	0.00E+00	0.00E+00	1.63E-02	7.23E-03	0.00E+00	1.11E-02	0.00E+00	0.00E+00	1.62E-02	0.00E+00	0.00E+00	1.63E-02
809	ALL		484325	3717325	NonCancer	0.00E+00	5.95E-05	1.62E-02	0.00E+00	0.00E+00	1.64E-02	7.01E-03	0.00E+00	1.08E-02	0.00E+00	0.00E+00	1.62E-02	0.00E+00	0.00E+00	1.64E-02
810	ALL		484375	3717325	NonCancer	0.00E+00	6.01E-05	1.59E-02	0.00E+00	0.00E+00	1.61E-02	7.08E-03	0.00E+00	1.09E-02	0.00E+00	0.00E+00	1.59E-02	0.00E+00	0.00E+00	1.61E-02

*HARP - HRACalc v19044 3/19/2020 1:54:44 PM - Acute Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitAcuteHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
811	ALL		484425	3717325	NonCancer	0.00E+00	5.79E-05	1.61E-02	0.00E+00	0.00E+00	1.62E-02	6.82E-03	0.00E+00	1.05E-02	0.00E+00	0.00E+00	1.61E-02	0.00E+00	0.00E+00	1.62E-02
812	ALL		484475	3717325	NonCancer	0.00E+00	6.48E-05	1.75E-02	0.00E+00	0.00E+00	1.76E-02	7.63E-03	0.00E+00	1.18E-02	0.00E+00	0.00E+00	1.75E-02	0.00E+00	0.00E+00	1.76E-02
813	ALL		484525	3717325	NonCancer	0.00E+00	6.85E-05	1.76E-02	0.00E+00	0.00E+00	1.78E-02	8.07E-03	0.00E+00	1.24E-02	0.00E+00	0.00E+00	1.76E-02	0.00E+00	0.00E+00	1.78E-02
814	ALL		484575	3717325	NonCancer	0.00E+00	6.35E-05	1.65E-02	0.00E+00	0.00E+00	1.66E-02	7.48E-03	0.00E+00	1.15E-02	0.00E+00	0.00E+00	1.65E-02	0.00E+00	0.00E+00	1.66E-02
815	ALL		484625	3717325	NonCancer	0.00E+00	5.33E-05	1.49E-02	0.00E+00	0.00E+00	1.50E-02	6.28E-03	0.00E+00	9.68E-03	0.00E+00	0.00E+00	1.49E-02	0.00E+00	0.00E+00	1.50E-02
816	ALL		484675	3717325	NonCancer	0.00E+00	5.14E-05	1.50E-02	0.00E+00	0.00E+00	1.52E-02	6.05E-03	0.00E+00	9.33E-03	0.00E+00	0.00E+00	1.50E-02	0.00E+00	0.00E+00	1.52E-02
817	ALL		484725	3717325	NonCancer	0.00E+00	4.89E-05	1.42E-02	0.00E+00	0.00E+00	1.43E-02	5.76E-03	0.00E+00	8.88E-03	0.00E+00	0.00E+00	1.42E-02	0.00E+00	0.00E+00	1.43E-02
818	ALL		484775	3717325	NonCancer	0.00E+00	4.37E-05	1.22E-02	0.00E+00	0.00E+00	1.23E-02	5.15E-03	0.00E+00	7.94E-03	0.00E+00	0.00E+00	1.22E-02	0.00E+00	0.00E+00	1.23E-02
819	ALL		484825	3717325	NonCancer	0.00E+00	3.68E-05	1.06E-02	0.00E+00	0.00E+00	1.07E-02	4.34E-03	0.00E+00	6.69E-03	0.00E+00	0.00E+00	1.06E-02	0.00E+00	0.00E+00	1.07E-02
820	ALL		484875	3717325	NonCancer	0.00E+00	3.04E-05	8.96E-03	0.00E+00	0.00E+00	9.03E-03	3.58E-03	0.00E+00	5.51E-03	0.00E+00	0.00E+00	8.96E-03	0.00E+00	0.00E+00	9.03E-03
821	ALL		484925	3717325	NonCancer	0.00E+00	2.68E-05	7.83E-03	0.00E+00	0.00E+00	7.89E-03	3.16E-03	0.00E+00	4.87E-03	0.00E+00	0.00E+00	7.83E-03	0.00E+00	0.00E+00	7.89E-03
822	ALL		484975	3717325	NonCancer	0.00E+00	2.61E-05	7.31E-03	0.00E+00	0.00E+00	7.37E-03	3.08E-03	0.00E+00	4.75E-03	0.00E+00	0.00E+00	7.31E-03	0.00E+00	0.00E+00	7.37E-03
823	ALL		485025	3717325	NonCancer	0.00E+00	2.48E-05	6.78E-03	0.00E+00	0.00E+00	6.83E-03	2.92E-03	0.00E+00	4.50E-03	0.00E+00	0.00E+00	6.78E-03	0.00E+00	0.00E+00	6.83E-03
824	ALL		485075	3717325	NonCancer	0.00E+00	2.18E-05	5.96E-03	0.00E+00	0.00E+00	6.01E-03	2.56E-03	0.00E+00	3.95E-03	0.00E+00	0.00E+00	5.96E-03	0.00E+00	0.00E+00	6.01E-03
825	ALL		485125	3717325	NonCancer	0.00E+00	1.88E-05	5.16E-03	0.00E+00	0.00E+00	5.20E-03	2.21E-03	0.00E+00	3.41E-03	0.00E+00	0.00E+00	5.16E-03	0.00E+00	0.00E+00	5.20E-03
826	ALL		485175	3717325	NonCancer	0.00E+00	1.70E-05	4.69E-03	0.00E+00	0.00E+00	4.73E-03	2.00E-03	0.00E+00	3.08E-03	0.00E+00	0.00E+00	4.69E-03	0.00E+00	0.00E+00	4.73E-03
827	ALL		485225	3717325	NonCancer	0.00E+00	1.61E-05	4.46E-03	0.00E+00	0.00E+00	4.50E-03	1.89E-03	0.00E+00	2.91E-03	0.00E+00	0.00E+00	4.46E-03	0.00E+00	0.00E+00	4.50E-03
828	ALL		485275	3717325	NonCancer	0.00E+00	1.52E-05	4.28E-03	0.00E+00	0.00E+00	4.32E-03	1.78E-03	0.00E+00	2.75E-03	0.00E+00	0.00E+00	4.28E-03	0.00E+00	0.00E+00	4.32E-03
829	ALL		485325	3717325	NonCancer	0.00E+00	1.46E-05	4.14E-03	0.00E+00	0.00E+00	4.17E-03	1.72E-03	0.00E+00	2.65E-03	0.00E+00	0.00E+00	4.14E-03	0.00E+00	0.00E+00	4.17E-03
830	ALL		485375	3717325	NonCancer	0.00E+00	1.43E-05	4.00E-03	0.00E+00	0.00E+00	4.04E-03	1.68E-03	0.00E+00	2.59E-03	0.00E+00	0.00E+00	4.00E-03	0.00E+00	0.00E+00	4.04E-03
831	ALL		485425	3717325	NonCancer	0.00E+00	1.39E-05	3.83E-03	0.00E+00	0.00E+00	3.86E-03	1.63E-03	0.00E+00	2.52E-03	0.00E+00	0.00E+00	3.83E-03	0.00E+00	0.00E+00	3.86E-03
832	ALL		485475	3717325	NonCancer	0.00E+00	1.26E-05	3.47E-03	0.00E+00	0.00E+00	3.50E-03	1.49E-03	0.00E+00	2.30E-03	0.00E+00	0.00E+00	3.47E-03	0.00E+00	0.00E+00	3.50E-03
833	ALL		482925	3717375	NonCancer	0.00E+00	1.63E-05	4.28E-03	0.00E+00	0.00E+00	4.32E-03	1.92E-03	0.00E+00	2.95E-03	0.00E+00	0.00E+00	4.28E-03	0.00E+00	0.00E+00	4.32E-03
834	ALL		482975	3717375	NonCancer	0.00E+00	1.72E-05	4.50E-03	0.00E+00	0.00E+00	4.54E-03	2.02E-03	0.00E+00	3.12E-03	0.00E+00	0.00E+00	4.50E-03	0.00E+00	0.00E+00	4.54E-03
835	ALL		483025	3717375	NonCancer	0.00E+00	1.83E-05	4.78E-03	0.00E+00	0.00E+00	4.82E-03	2.16E-03	0.00E+00	3.33E-03	0.00E+00	0.00E+00	4.78E-03	0.00E+00	0.00E+00	4.82E-03
836	ALL		483075	3717375	NonCancer	0.00E+00	1.96E-05	5.12E-03	0.00E+00	0.00E+00	5.17E-03	2.31E-03	0.00E+00	3.56E-03	0.00E+00	0.00E+00	5.12E-03	0.00E+00	0.00E+00	5.17E-03
837	ALL		483125	3717375	NonCancer	0.00E+00	2.10E-05	5.53E-03	0.00E+00	0.00E+00	5.58E-03	2.47E-03	0.00E+00	3.81E-03	0.00E+00	0.00E+00	5.53E-03	0.00E+00	0.00E+00	5.58E-03
838	ALL		483175	3717375	NonCancer	0.00E+00	2.28E-05	6.04E-03	0.00E+00	0.00E+00	6.09E-03	2.69E-03	0.00E+00	4.15E-03	0.00E+00	0.00E+00	6.04E-03	0.00E+00	0.00E+00	6.09E-03
839	ALL		483225	3717375	NonCancer	0.00E+00	2.55E-05	6.73E-03	0.00E+00	0.00E+00	6.79E-03	3.00E-03	0.00E+00	4.62E-03	0.00E+00	0.00E+00	6.73E-03	0.00E+00	0.00E+00	6.79E-03
840	ALL		483275	3717375	NonCancer	0.00E+00	2.86E-05	7.55E-03	0.00E+00	0.00E+00	7.61E-03	3.37E-03	0.00E+00	5.20E-03	0.00E+00	0.00E+00	7.55E-03	0.00E+00	0.00E+00	7.61E-03
841	ALL		483325	3717375	NonCancer	0.00E+00	3.21E-05	8.41E-03	0.00E+00	0.00E+00	8.49E-03	3.78E-03	0.00E+00	5.83E-03	0.00E+00	0.00E+00	8.41E-03	0.00E+00	0.00E+00	8.49E-03
842	ALL		483375	3717375	NonCancer	0.00E+00	3.58E-05	9.28E-03	0.00E+00	0.00E+00	9.36E-03	4.21E-03	0.00E+00	6.49E-03	0.00E+00	0.00E+00	9.28E-03	0.00E+00	0.00E+00	9.36E-03
843	ALL		483425	3717375	NonCancer	0.00E+00	3.96E-05	1.02E-02	0.00E+00	0.00E+00	1.03E-02	4.67E-03	0.00E+00	7.20E-03	0.00E+00	0.00E+00	1.02E-02	0.00E+00	0.00E+00	1.03E-02
844	ALL		483475	3717375	NonCancer	0.00E+00	4.34E-05	1.10E-02	0.00E+00	0.00E+00	1.11E-02	5.11E-03	0.00E+00	7.88E-03	0.00E+00	0.00E+00	1.10E-02	0.00E+00	0.00E+00	1.11E-02
845	ALL		483525	3717375	NonCancer	0.00E+00	4.80E-05	1.21E-02	0.00E+00	0.00E+00	1.22E-02	5.66E-03	0.00E+00	8.72E-03	0.00E+00	0.00E+00	1.21E-02	0.00E+00	0.00E+00	1.22E-02
846	ALL		483575	3717375	NonCancer	0.00E+00	6.10E-05	1.52E-02	0.00E+00	0.00E+00	1.53E-02	7.18E-03	0.00E+00	1.11E-02	0.00E+00	0.00E+00	1.52E-02	0.00E+00	0.00E+00	1.53E-02
847	ALL		483625	3717375	NonCancer	0.00E+00	1.23E-04	2.98E-02	0.00E+00	0.00E+00	3.00E-02	1.45E-02	0.00E+00	2.24E-02	0.00E+00	0.00E+00	2.98E-02	0.00E+00	0.00E+00	3.00E-02
848	ALL		483675	3717375	NonCancer	0.00E+00	6.05E-05	1.52E-02	0.00E+00	0.00E+00	1.53E-02	7.12E-03	0.00E+00	1.10E-02	0.00E+00	0.00E+00	1.52E-02	0.00E+00	0.00E+00	1.53E-02
849	ALL		483725	3717375	NonCancer	0.00E+00	4.80E-05	1.23E-02	0.00E+00	0.00E+00	1.24E-02	5.65E-03	0.00E+00	8.72E-03	0.00E+00	0.00E+00	1.23E-02	0.00E+00	0.00E+00	1.24E-02
850	ALL		483775	3717375	NonCancer	0.00E+00	4.73E-05	1.23E-02	0.00E+00	0.00E+00	1.24E-02	5.57E-03	0.00E+00	8.59E-03	0.00E+00	0.00E+00	1.23E-02	0.00E+00	0.00E+00	1.24E-02
851	ALL		483825	3717375	NonCancer	0.00E+00	5.25E-05	1.36E-02	0.00E+00	0.00E+00	1.37E-02	6.18E-03	0.00E+00	9.53E-03	0.00E+00	0.00E+00	1.36E-02	0.00E+00	0.00E+00	1.37E-02
852	ALL		483875	3717375	NonCancer	0.00E+00	5.52E-05	1.44E-02	0.00E+00	0.00E+00	1.45E-02	6.50E-03	0.00E+00	1.00E-02	0.00E+00	0.00E+00	1.44E-02	0.00E+00	0.00E+00	1.45E-02
853	ALL		483925	3717375	NonCancer	0.00E+00	5.65E-05	1.48E-02	0.00E+00	0.00E+00	1.49E-02	6.66E-03	0.00E+00	1.03E-02	0.00E+00	0.00E+00	1.48E-02	0.00E+00	0.00E+00	1.49E-02
854	ALL		483975	3717375	NonCancer	0.00E+00	6.20E-05	1.66E-02	0.00E+00	0.00E+00	1.68E-02	7.30E-03	0.00E+00	1.13E-02	0.00E+00	0.00E+00	1.66E-02	0.00E+00	0.00E+00	1.68E-02
855	ALL		484025	3717375	NonCancer	0.00E+00	6.02E-05	1.62E-02	0.00E+00	0.00E+00	1.63E-02	7.09E-03	0.00E+00	1.09E-02	0.00E+00	0.00E+00	1.62E-02	0.00E+00	0.00E+00	1.63E-02

*HARP - HRACalc v19044 3/19/2020 1:54:44 PM - Acute Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitAcuteHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
856	ALL		484075	3717375	NonCancer	0.00E+00	6.10E-05	1.61E-02	0.00E+00	0.00E+00	1.63E-02	7.19E-03	0.00E+00	1.11E-02	0.00E+00	0.00E+00	1.61E-02	0.00E+00	0.00E+00	1.63E-02
857	ALL		484125	3717375	NonCancer	0.00E+00	6.33E-05	1.67E-02	0.00E+00	0.00E+00	1.69E-02	7.45E-03	0.00E+00	1.15E-02	0.00E+00	0.00E+00	1.67E-02	0.00E+00	0.00E+00	1.69E-02
858	ALL		484175	3717375	NonCancer	0.00E+00	6.42E-05	1.70E-02	0.00E+00	0.00E+00	1.72E-02	7.56E-03	0.00E+00	1.17E-02	0.00E+00	0.00E+00	1.70E-02	0.00E+00	0.00E+00	1.72E-02
859	ALL		484225	3717375	NonCancer	0.00E+00	7.07E-05	1.86E-02	0.00E+00	0.00E+00	1.87E-02	8.33E-03	0.00E+00	1.28E-02	0.00E+00	0.00E+00	1.86E-02	0.00E+00	0.00E+00	1.87E-02
860	ALL		484275	3717375	NonCancer	0.00E+00	7.27E-05	1.91E-02	0.00E+00	0.00E+00	1.92E-02	8.56E-03	0.00E+00	1.32E-02	0.00E+00	0.00E+00	1.91E-02	0.00E+00	0.00E+00	1.92E-02
861	ALL		484325	3717375	NonCancer	0.00E+00	7.00E-05	1.91E-02	0.00E+00	0.00E+00	1.93E-02	8.25E-03	0.00E+00	1.27E-02	0.00E+00	0.00E+00	1.91E-02	0.00E+00	0.00E+00	1.93E-02
862	ALL		484375	3717375	NonCancer	0.00E+00	6.93E-05	1.83E-02	0.00E+00	0.00E+00	1.85E-02	8.16E-03	0.00E+00	1.26E-02	0.00E+00	0.00E+00	1.83E-02	0.00E+00	0.00E+00	1.85E-02
863	ALL		484425	3717375	NonCancer	0.00E+00	7.51E-05	2.06E-02	0.00E+00	0.00E+00	2.07E-02	8.84E-03	0.00E+00	1.36E-02	0.00E+00	0.00E+00	2.06E-02	0.00E+00	0.00E+00	2.07E-02
864	ALL		484475	3717375	NonCancer	0.00E+00	7.98E-05	2.09E-02	0.00E+00	0.00E+00	2.11E-02	9.40E-03	0.00E+00	1.45E-02	0.00E+00	0.00E+00	2.09E-02	0.00E+00	0.00E+00	2.11E-02
865	ALL		484525	3717375	NonCancer	0.00E+00	7.82E-05	2.02E-02	0.00E+00	0.00E+00	2.03E-02	9.21E-03	0.00E+00	1.42E-02	0.00E+00	0.00E+00	2.02E-02	0.00E+00	0.00E+00	2.03E-02
866	ALL		484575	3717375	NonCancer	0.00E+00	6.64E-05	1.80E-02	0.00E+00	0.00E+00	1.81E-02	7.82E-03	0.00E+00	1.21E-02	0.00E+00	0.00E+00	1.80E-02	0.00E+00	0.00E+00	1.81E-02
867	ALL		484625	3717375	NonCancer	0.00E+00	6.05E-05	1.76E-02	0.00E+00	0.00E+00	1.78E-02	7.13E-03	0.00E+00	1.10E-02	0.00E+00	0.00E+00	1.76E-02	0.00E+00	0.00E+00	1.78E-02
868	ALL		484675	3717375	NonCancer	0.00E+00	5.73E-05	1.68E-02	0.00E+00	0.00E+00	1.70E-02	6.75E-03	0.00E+00	1.04E-02	0.00E+00	0.00E+00	1.68E-02	0.00E+00	0.00E+00	1.70E-02
869	ALL		484725	3717375	NonCancer	0.00E+00	5.11E-05	1.44E-02	0.00E+00	0.00E+00	1.45E-02	6.02E-03	0.00E+00	9.28E-03	0.00E+00	0.00E+00	1.44E-02	0.00E+00	0.00E+00	1.45E-02
870	ALL		484775	3717375	NonCancer	0.00E+00	4.31E-05	1.24E-02	0.00E+00	0.00E+00	1.25E-02	5.07E-03	0.00E+00	7.82E-03	0.00E+00	0.00E+00	1.24E-02	0.00E+00	0.00E+00	1.25E-02
871	ALL		484825	3717375	NonCancer	0.00E+00	3.43E-05	1.02E-02	0.00E+00	0.00E+00	1.03E-02	4.04E-03	0.00E+00	6.22E-03	0.00E+00	0.00E+00	1.02E-02	0.00E+00	0.00E+00	1.03E-02
872	ALL		484875	3717375	NonCancer	0.00E+00	3.05E-05	8.89E-03	0.00E+00	0.00E+00	8.96E-03	3.59E-03	0.00E+00	5.53E-03	0.00E+00	0.00E+00	8.89E-03	0.00E+00	0.00E+00	8.96E-03
873	ALL		484925	3717375	NonCancer	0.00E+00	2.85E-05	7.96E-03	0.00E+00	0.00E+00	8.02E-03	3.35E-03	0.00E+00	5.17E-03	0.00E+00	0.00E+00	7.96E-03	0.00E+00	0.00E+00	8.02E-03
874	ALL		484975	3717375	NonCancer	0.00E+00	2.64E-05	7.20E-03	0.00E+00	0.00E+00	7.26E-03	3.11E-03	0.00E+00	4.79E-03	0.00E+00	0.00E+00	7.20E-03	0.00E+00	0.00E+00	7.26E-03
875	ALL		485025	3717375	NonCancer	0.00E+00	2.46E-05	6.75E-03	0.00E+00	0.00E+00	6.80E-03	2.90E-03	0.00E+00	4.46E-03	0.00E+00	0.00E+00	6.75E-03	0.00E+00	0.00E+00	6.80E-03
876	ALL		485075	3717375	NonCancer	0.00E+00	2.14E-05	5.91E-03	0.00E+00	0.00E+00	5.96E-03	2.52E-03	0.00E+00	3.88E-03	0.00E+00	0.00E+00	5.91E-03	0.00E+00	0.00E+00	5.96E-03
877	ALL		485125	3717375	NonCancer	0.00E+00	1.90E-05	5.27E-03	0.00E+00	0.00E+00	5.32E-03	2.24E-03	0.00E+00	3.45E-03	0.00E+00	0.00E+00	5.27E-03	0.00E+00	0.00E+00	5.32E-03
878	ALL		485175	3717375	NonCancer	0.00E+00	1.75E-05	4.95E-03	0.00E+00	0.00E+00	4.99E-03	2.06E-03	0.00E+00	3.17E-03	0.00E+00	0.00E+00	4.95E-03	0.00E+00	0.00E+00	4.99E-03
879	ALL		485225	3717375	NonCancer	0.00E+00	1.67E-05	4.74E-03	0.00E+00	0.00E+00	4.78E-03	1.96E-03	0.00E+00	3.03E-03	0.00E+00	0.00E+00	4.74E-03	0.00E+00	0.00E+00	4.78E-03
880	ALL		485275	3717375	NonCancer	0.00E+00	1.58E-05	4.47E-03	0.00E+00	0.00E+00	4.51E-03	1.86E-03	0.00E+00	2.87E-03	0.00E+00	0.00E+00	4.47E-03	0.00E+00	0.00E+00	4.51E-03
881	ALL		485325	3717375	NonCancer	0.00E+00	1.49E-05	4.16E-03	0.00E+00	0.00E+00	4.19E-03	1.75E-03	0.00E+00	2.70E-03	0.00E+00	0.00E+00	4.16E-03	0.00E+00	0.00E+00	4.19E-03
882	ALL		485375	3717375	NonCancer	0.00E+00	1.46E-05	4.01E-03	0.00E+00	0.00E+00	4.05E-03	1.72E-03	0.00E+00	2.65E-03	0.00E+00	0.00E+00	4.01E-03	0.00E+00	0.00E+00	4.05E-03
883	ALL		485425	3717375	NonCancer	0.00E+00	1.44E-05	3.95E-03	0.00E+00	0.00E+00	3.98E-03	1.69E-03	0.00E+00	2.61E-03	0.00E+00	0.00E+00	3.95E-03	0.00E+00	0.00E+00	3.98E-03
884	ALL		485475	3717375	NonCancer	0.00E+00	1.29E-05	3.54E-03	0.00E+00	0.00E+00	3.57E-03	1.52E-03	0.00E+00	2.34E-03	0.00E+00	0.00E+00	3.54E-03	0.00E+00	0.00E+00	3.57E-03
885	ALL		482925	3717425	NonCancer	0.00E+00	1.62E-05	4.28E-03	0.00E+00	0.00E+00	4.32E-03	1.91E-03	0.00E+00	2.94E-03	0.00E+00	0.00E+00	4.28E-03	0.00E+00	0.00E+00	4.32E-03
886	ALL		482975	3717425	NonCancer	0.00E+00	1.73E-05	4.55E-03	0.00E+00	0.00E+00	4.59E-03	2.03E-03	0.00E+00	3.14E-03	0.00E+00	0.00E+00	4.55E-03	0.00E+00	0.00E+00	4.59E-03
887	ALL		483025	3717425	NonCancer	0.00E+00	1.84E-05	4.83E-03	0.00E+00	0.00E+00	4.87E-03	2.17E-03	0.00E+00	3.34E-03	0.00E+00	0.00E+00	4.83E-03	0.00E+00	0.00E+00	4.87E-03
888	ALL		483075	3717425	NonCancer	0.00E+00	1.97E-05	5.15E-03	0.00E+00	0.00E+00	5.20E-03	2.32E-03	0.00E+00	3.58E-03	0.00E+00	0.00E+00	5.15E-03	0.00E+00	0.00E+00	5.20E-03
889	ALL		483125	3717425	NonCancer	0.00E+00	2.11E-05	5.49E-03	0.00E+00	0.00E+00	5.54E-03	2.48E-03	0.00E+00	3.83E-03	0.00E+00	0.00E+00	5.49E-03	0.00E+00	0.00E+00	5.54E-03
890	ALL		483175	3717425	NonCancer	0.00E+00	2.27E-05	5.92E-03	0.00E+00	0.00E+00	5.97E-03	2.67E-03	0.00E+00	4.11E-03	0.00E+00	0.00E+00	5.92E-03	0.00E+00	0.00E+00	5.97E-03
891	ALL		483225	3717425	NonCancer	0.00E+00	2.44E-05	6.44E-03	0.00E+00	0.00E+00	6.50E-03	2.88E-03	0.00E+00	4.44E-03	0.00E+00	0.00E+00	6.44E-03	0.00E+00	0.00E+00	6.50E-03
892	ALL		483275	3717425	NonCancer	0.00E+00	2.69E-05	7.14E-03	0.00E+00	0.00E+00	7.20E-03	3.17E-03	0.00E+00	4.89E-03	0.00E+00	0.00E+00	7.14E-03	0.00E+00	0.00E+00	7.20E-03
893	ALL		483325	3717425	NonCancer	0.00E+00	3.06E-05	8.09E-03	0.00E+00	0.00E+00	8.16E-03	3.60E-03	0.00E+00	5.55E-03	0.00E+00	0.00E+00	8.09E-03	0.00E+00	0.00E+00	8.16E-03
894	ALL		483375	3717425	NonCancer	0.00E+00	3.46E-05	9.12E-03	0.00E+00	0.00E+00	9.20E-03	4.07E-03	0.00E+00	6.28E-03	0.00E+00	0.00E+00	9.12E-03	0.00E+00	0.00E+00	9.20E-03
895	ALL		483425	3717425	NonCancer	0.00E+00	3.92E-05	1.02E-02	0.00E+00	0.00E+00	1.03E-02	4.61E-03	0.00E+00	7.11E-03	0.00E+00	0.00E+00	1.02E-02	0.00E+00	0.00E+00	1.03E-02
896	ALL		483475	3717425	NonCancer	0.00E+00	4.38E-05	1.13E-02	0.00E+00	0.00E+00	1.14E-02	5.16E-03	0.00E+00	7.95E-03	0.00E+00	0.00E+00	1.13E-02	0.00E+00	0.00E+00	1.14E-02
897	ALL		483525	3717425	NonCancer	0.00E+00	4.88E-05	1.25E-02	0.00E+00	0.00E+00	1.26E-02	5.75E-03	0.00E+00	8.86E-03	0.00E+00	0.00E+00	1.25E-02	0.00E+00	0.00E+00	1.26E-02
898	ALL		483575	3717425	NonCancer	0.00E+00	5.58E-05	1.41E-02	0.00E+00	0.00E+00	1.42E-02	6.57E-03	0.00E+00	1.01E-02	0.00E+00	0.00E+00	1.41E-02	0.00E+00	0.00E+00	1.42E-02
899	ALL		483625	3717425	NonCancer	0.00E+00	8.49E-05	2.08E-02	0.00E+00	0.00E+00	2.10E-02	9.99E-03	0.00E+00	1.54E-02	0.00E+00	0.00E+00	2.08E-02	0.00E+00	0.00E+00	2.10E-02
900	ALL		483675	3717425	NonCancer	0.00E+00	1.33E-04	3.22E-02	0.00E+00	0.00E+00	3.25E-02	1.57E-02	0.00E+00	2.42E-02	0.00E+00	0.00E+00	3.22E-02	0.00E+00	0.00E+00	3.25E-02

*HARP - HRACalc v19044 3/19/2020 1:54:44 PM - Acute Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitAcuteHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
901	ALL		483725	3717425	NonCancer	0.00E+00	7.59E-05	1.89E-02	0.00E+00	0.00E+00	1.91E-02	8.94E-03	0.00E+00	1.38E-02	0.00E+00	0.00E+00	1.89E-02	0.00E+00	0.00E+00	1.91E-02
902	ALL		483775	3717425	NonCancer	0.00E+00	6.83E-05	1.72E-02	0.00E+00	0.00E+00	1.74E-02	8.04E-03	0.00E+00	1.24E-02	0.00E+00	0.00E+00	1.72E-02	0.00E+00	0.00E+00	1.74E-02
903	ALL		483825	3717425	NonCancer	0.00E+00	6.14E-05	1.57E-02	0.00E+00	0.00E+00	1.59E-02	7.23E-03	0.00E+00	1.11E-02	0.00E+00	0.00E+00	1.57E-02	0.00E+00	0.00E+00	1.59E-02
904	ALL		483875	3717425	NonCancer	0.00E+00	6.10E-05	1.58E-02	0.00E+00	0.00E+00	1.59E-02	7.18E-03	0.00E+00	1.11E-02	0.00E+00	0.00E+00	1.58E-02	0.00E+00	0.00E+00	1.59E-02
905	ALL		483925	3717425	NonCancer	0.00E+00	6.24E-05	1.62E-02	0.00E+00	0.00E+00	1.64E-02	7.35E-03	0.00E+00	1.13E-02	0.00E+00	0.00E+00	1.62E-02	0.00E+00	0.00E+00	1.64E-02
906	ALL		483975	3717425	NonCancer	0.00E+00	6.90E-05	1.81E-02	0.00E+00	0.00E+00	1.83E-02	8.13E-03	0.00E+00	1.25E-02	0.00E+00	0.00E+00	1.81E-02	0.00E+00	0.00E+00	1.83E-02
907	ALL		484025	3717425	NonCancer	0.00E+00	7.31E-05	1.97E-02	0.00E+00	0.00E+00	1.99E-02	8.61E-03	0.00E+00	1.33E-02	0.00E+00	0.00E+00	1.97E-02	0.00E+00	0.00E+00	1.99E-02
908	ALL		484075	3717425	NonCancer	0.00E+00	6.81E-05	1.80E-02	0.00E+00	0.00E+00	1.81E-02	8.02E-03	0.00E+00	1.24E-02	0.00E+00	0.00E+00	1.80E-02	0.00E+00	0.00E+00	1.81E-02
909	ALL		484125	3717425	NonCancer	0.00E+00	7.61E-05	1.99E-02	0.00E+00	0.00E+00	2.01E-02	8.96E-03	0.00E+00	1.38E-02	0.00E+00	0.00E+00	1.99E-02	0.00E+00	0.00E+00	2.01E-02
910	ALL		484175	3717425	NonCancer	0.00E+00	7.80E-05	2.05E-02	0.00E+00	0.00E+00	2.06E-02	9.19E-03	0.00E+00	1.42E-02	0.00E+00	0.00E+00	2.05E-02	0.00E+00	0.00E+00	2.06E-02
911	ALL		484225	3717425	NonCancer	0.00E+00	8.56E-05	2.23E-02	0.00E+00	0.00E+00	2.25E-02	1.01E-02	0.00E+00	1.55E-02	0.00E+00	0.00E+00	2.23E-02	0.00E+00	0.00E+00	2.25E-02
912	ALL		484275	3717425	NonCancer	0.00E+00	8.69E-05	2.27E-02	0.00E+00	0.00E+00	2.29E-02	1.02E-02	0.00E+00	1.58E-02	0.00E+00	0.00E+00	2.27E-02	0.00E+00	0.00E+00	2.29E-02
913	ALL		484325	3717425	NonCancer	0.00E+00	8.52E-05	2.32E-02	0.00E+00	0.00E+00	2.34E-02	1.00E-02	0.00E+00	1.55E-02	0.00E+00	0.00E+00	2.32E-02	0.00E+00	0.00E+00	2.34E-02
914	ALL		484375	3717425	NonCancer	0.00E+00	8.68E-05	2.31E-02	0.00E+00	0.00E+00	2.33E-02	1.02E-02	0.00E+00	1.58E-02	0.00E+00	0.00E+00	2.31E-02	0.00E+00	0.00E+00	2.33E-02
915	ALL		484425	3717425	NonCancer	0.00E+00	9.56E-05	2.58E-02	0.00E+00	0.00E+00	2.60E-02	1.13E-02	0.00E+00	1.74E-02	0.00E+00	0.00E+00	2.58E-02	0.00E+00	0.00E+00	2.60E-02
916	ALL		484475	3717425	NonCancer	0.00E+00	9.54E-05	2.46E-02	0.00E+00	0.00E+00	2.48E-02	1.12E-02	0.00E+00	1.73E-02	0.00E+00	0.00E+00	2.46E-02	0.00E+00	0.00E+00	2.48E-02
917	ALL		484525	3717425	NonCancer	0.00E+00	8.42E-05	2.20E-02	0.00E+00	0.00E+00	2.22E-02	9.92E-03	0.00E+00	1.53E-02	0.00E+00	0.00E+00	2.20E-02	0.00E+00	0.00E+00	2.22E-02
918	ALL		484575	3717425	NonCancer	0.00E+00	7.17E-05	2.07E-02	0.00E+00	0.00E+00	2.08E-02	8.44E-03	0.00E+00	1.30E-02	0.00E+00	0.00E+00	2.07E-02	0.00E+00	0.00E+00	2.08E-02
919	ALL		484625	3717425	NonCancer	0.00E+00	6.86E-05	2.03E-02	0.00E+00	0.00E+00	2.05E-02	8.07E-03	0.00E+00	1.24E-02	0.00E+00	0.00E+00	2.03E-02	0.00E+00	0.00E+00	2.05E-02
920	ALL		484675	3717425	NonCancer	0.00E+00	6.05E-05	1.74E-02	0.00E+00	0.00E+00	1.75E-02	7.13E-03	0.00E+00	1.10E-02	0.00E+00	0.00E+00	1.74E-02	0.00E+00	0.00E+00	1.75E-02
921	ALL		484725	3717425	NonCancer	0.00E+00	5.05E-05	1.46E-02	0.00E+00	0.00E+00	1.47E-02	5.95E-03	0.00E+00	9.17E-03	0.00E+00	0.00E+00	1.46E-02	0.00E+00	0.00E+00	1.47E-02
922	ALL		484775	3717425	NonCancer	0.00E+00	3.98E-05	1.19E-02	0.00E+00	0.00E+00	1.20E-02	4.69E-03	0.00E+00	7.23E-03	0.00E+00	0.00E+00	1.19E-02	0.00E+00	0.00E+00	1.20E-02
923	ALL		484825	3717425	NonCancer	0.00E+00	3.62E-05	1.05E-02	0.00E+00	0.00E+00	1.06E-02	4.26E-03	0.00E+00	6.57E-03	0.00E+00	0.00E+00	1.05E-02	0.00E+00	0.00E+00	1.06E-02
924	ALL		484875	3717425	NonCancer	0.00E+00	3.25E-05	9.04E-03	0.00E+00	0.00E+00	9.12E-03	3.83E-03	0.00E+00	5.91E-03	0.00E+00	0.00E+00	9.04E-03	0.00E+00	0.00E+00	9.12E-03
925	ALL		484925	3717425	NonCancer	0.00E+00	2.88E-05	7.83E-03	0.00E+00	0.00E+00	7.89E-03	3.39E-03	0.00E+00	5.23E-03	0.00E+00	0.00E+00	7.83E-03	0.00E+00	0.00E+00	7.89E-03
926	ALL		484975	3717425	NonCancer	0.00E+00	2.61E-05	7.16E-03	0.00E+00	0.00E+00	7.22E-03	3.07E-03	0.00E+00	4.74E-03	0.00E+00	0.00E+00	7.16E-03	0.00E+00	0.00E+00	7.22E-03
927	ALL		485025	3717425	NonCancer	0.00E+00	2.42E-05	6.70E-03	0.00E+00	0.00E+00	6.76E-03	2.85E-03	0.00E+00	4.39E-03	0.00E+00	0.00E+00	6.70E-03	0.00E+00	0.00E+00	6.76E-03
928	ALL		485075	3717425	NonCancer	0.00E+00	2.23E-05	6.25E-03	0.00E+00	0.00E+00	6.31E-03	2.63E-03	0.00E+00	4.05E-03	0.00E+00	0.00E+00	6.25E-03	0.00E+00	0.00E+00	6.31E-03
929	ALL		485125	3717425	NonCancer	0.00E+00	2.00E-05	5.69E-03	0.00E+00	0.00E+00	5.73E-03	2.35E-03	0.00E+00	3.62E-03	0.00E+00	0.00E+00	5.69E-03	0.00E+00	0.00E+00	5.73E-03
930	ALL		485175	3717425	NonCancer	0.00E+00	1.84E-05	5.23E-03	0.00E+00	0.00E+00	5.28E-03	2.17E-03	0.00E+00	3.34E-03	0.00E+00	0.00E+00	5.23E-03	0.00E+00	0.00E+00	5.28E-03
931	ALL		485225	3717425	NonCancer	0.00E+00	1.72E-05	4.82E-03	0.00E+00	0.00E+00	4.86E-03	2.02E-03	0.00E+00	3.12E-03	0.00E+00	0.00E+00	4.82E-03	0.00E+00	0.00E+00	4.86E-03
932	ALL		485275	3717425	NonCancer	0.00E+00	1.60E-05	4.41E-03	0.00E+00	0.00E+00	4.45E-03	1.88E-03	0.00E+00	2.90E-03	0.00E+00	0.00E+00	4.41E-03	0.00E+00	0.00E+00	4.45E-03
933	ALL		485325	3717425	NonCancer	0.00E+00	1.49E-05	4.10E-03	0.00E+00	0.00E+00	4.13E-03	1.75E-03	0.00E+00	2.70E-03	0.00E+00	0.00E+00	4.10E-03	0.00E+00	0.00E+00	4.13E-03
934	ALL		485375	3717425	NonCancer	0.00E+00	1.44E-05	3.96E-03	0.00E+00	0.00E+00	4.00E-03	1.69E-03	0.00E+00	2.61E-03	0.00E+00	0.00E+00	3.96E-03	0.00E+00	0.00E+00	4.00E-03
935	ALL		485425	3717425	NonCancer	0.00E+00	1.44E-05	3.95E-03	0.00E+00	0.00E+00	3.99E-03	1.69E-03	0.00E+00	2.61E-03	0.00E+00	0.00E+00	3.95E-03	0.00E+00	0.00E+00	3.99E-03
936	ALL		485475	3717425	NonCancer	0.00E+00	1.36E-05	3.73E-03	0.00E+00	0.00E+00	3.76E-03	1.60E-03	0.00E+00	2.46E-03	0.00E+00	0.00E+00	3.73E-03	0.00E+00	0.00E+00	3.76E-03
937	ALL		482925	3717475	NonCancer	0.00E+00	1.59E-05	4.21E-03	0.00E+00	0.00E+00	4.25E-03	1.87E-03	0.00E+00	2.89E-03	0.00E+00	0.00E+00	4.21E-03	0.00E+00	0.00E+00	4.25E-03
938	ALL		482975	3717475	NonCancer	0.00E+00	1.69E-05	4.48E-03	0.00E+00	0.00E+00	4.52E-03	2.00E-03	0.00E+00	3.08E-03	0.00E+00	0.00E+00	4.48E-03	0.00E+00	0.00E+00	4.52E-03
939	ALL		483025	3717475	NonCancer	0.00E+00	1.82E-05	4.79E-03	0.00E+00	0.00E+00	4.83E-03	2.14E-03	0.00E+00	3.30E-03	0.00E+00	0.00E+00	4.79E-03	0.00E+00	0.00E+00	4.83E-03
940	ALL		483075	3717475	NonCancer	0.00E+00	1.96E-05	5.15E-03	0.00E+00	0.00E+00	5.20E-03	2.30E-03	0.00E+00	3.55E-03	0.00E+00	0.00E+00	5.15E-03	0.00E+00	0.00E+00	5.20E-03
941	ALL		483125	3717475	NonCancer	0.00E+00	2.10E-05	5.51E-03	0.00E+00	0.00E+00	5.55E-03	2.47E-03	0.00E+00	3.81E-03	0.00E+00	0.00E+00	5.51E-03	0.00E+00	0.00E+00	5.55E-03
942	ALL		483175	3717475	NonCancer	0.00E+00	2.27E-05	5.94E-03	0.00E+00	0.00E+00	6.00E-03	2.68E-03	0.00E+00	4.12E-03	0.00E+00	0.00E+00	5.94E-03	0.00E+00	0.00E+00	6.00E-03
943	ALL		483225	3717475	NonCancer	0.00E+00	2.45E-05	6.40E-03	0.00E+00	0.00E+00	6.45E-03	2.89E-03	0.00E+00	4.45E-03	0.00E+00	0.00E+00	6.40E-03	0.00E+00	0.00E+00	6.45E-03
944	ALL		483275	3717475	NonCancer	0.00E+00	2.65E-05	6.93E-03	0.00E+00	0.00E+00	6.99E-03	3.12E-03	0.00E+00	4.82E-03	0.00E+00	0.00E+00	6.93E-03	0.00E+00	0.00E+00	6.99E-03
945	ALL		483325	3717475	NonCancer	0.00E+00	2.90E-05	7.64E-03	0.00E+00	0.00E+00	7.71E-03	3.41E-03	0.00E+00	5.26E-03	0.00E+00	0.00E+00	7.64E-03	0.00E+00	0.00E+00	7.71E-03

*HARP - HRACalc v19044 3/19/2020 1:54:44 PM - Acute Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitAcuteHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
946	ALL		483375	3717475	NonCancer	0.00E+00	3.22E-05	8.55E-03	0.00E+00	0.00E+00	8.62E-03	3.79E-03	0.00E+00	5.85E-03	0.00E+00	0.00E+00	8.55E-03	0.00E+00	0.00E+00	8.62E-03
947	ALL		483425	3717475	NonCancer	0.00E+00	3.68E-05	9.77E-03	0.00E+00	0.00E+00	9.85E-03	4.34E-03	0.00E+00	6.69E-03	0.00E+00	0.00E+00	9.77E-03	0.00E+00	0.00E+00	9.85E-03
948	ALL		483475	3717475	NonCancer	0.00E+00	4.16E-05	1.10E-02	0.00E+00	0.00E+00	1.11E-02	4.90E-03	0.00E+00	7.56E-03	0.00E+00	0.00E+00	1.10E-02	0.00E+00	0.00E+00	1.11E-02
949	ALL		483525	3717475	NonCancer	0.00E+00	4.76E-05	1.25E-02	0.00E+00	0.00E+00	1.26E-02	5.60E-03	0.00E+00	8.64E-03	0.00E+00	0.00E+00	1.25E-02	0.00E+00	0.00E+00	1.26E-02
950	ALL		483575	3717475	NonCancer	0.00E+00	5.49E-05	1.42E-02	0.00E+00	0.00E+00	1.43E-02	6.47E-03	0.00E+00	9.97E-03	0.00E+00	0.00E+00	1.42E-02	0.00E+00	0.00E+00	1.43E-02
951	ALL		483625	3717475	NonCancer	0.00E+00	6.74E-05	1.71E-02	0.00E+00	0.00E+00	1.72E-02	7.94E-03	0.00E+00	1.22E-02	0.00E+00	0.00E+00	1.71E-02	0.00E+00	0.00E+00	1.72E-02
952	ALL		483675	3717475	NonCancer	0.00E+00	1.23E-04	2.98E-02	0.00E+00	0.00E+00	3.01E-02	1.44E-02	0.00E+00	2.22E-02	0.00E+00	0.00E+00	2.98E-02	0.00E+00	0.00E+00	3.01E-02
953	ALL		483725	3717475	NonCancer	0.00E+00	1.34E-04	3.25E-02	0.00E+00	0.00E+00	3.28E-02	1.58E-02	0.00E+00	2.43E-02	0.00E+00	0.00E+00	3.25E-02	0.00E+00	0.00E+00	3.28E-02
954	ALL		483775	3717475	NonCancer	0.00E+00	1.78E-04	4.29E-02	0.00E+00	0.00E+00	4.33E-02	2.10E-02	0.00E+00	3.23E-02	0.00E+00	0.00E+00	4.29E-02	0.00E+00	0.00E+00	4.33E-02
955	ALL		483825	3717475	NonCancer	0.00E+00	1.01E-04	2.51E-02	0.00E+00	0.00E+00	2.54E-02	1.19E-02	0.00E+00	1.84E-02	0.00E+00	0.00E+00	2.51E-02	0.00E+00	0.00E+00	2.54E-02
956	ALL		483875	3717475	NonCancer	0.00E+00	8.20E-05	2.08E-02	0.00E+00	0.00E+00	2.10E-02	9.65E-03	0.00E+00	1.49E-02	0.00E+00	0.00E+00	2.08E-02	0.00E+00	0.00E+00	2.10E-02
957	ALL		483925	3717475	NonCancer	0.00E+00	7.63E-05	1.97E-02	0.00E+00	0.00E+00	1.98E-02	8.99E-03	0.00E+00	1.39E-02	0.00E+00	0.00E+00	1.97E-02	0.00E+00	0.00E+00	1.98E-02
958	ALL		483975	3717475	NonCancer	0.00E+00	7.65E-05	1.98E-02	0.00E+00	0.00E+00	2.00E-02	9.01E-03	0.00E+00	1.39E-02	0.00E+00	0.00E+00	1.98E-02	0.00E+00	0.00E+00	2.00E-02
959	ALL		484025	3717475	NonCancer	0.00E+00	8.81E-05	2.35E-02	0.00E+00	0.00E+00	2.37E-02	1.04E-02	0.00E+00	1.60E-02	0.00E+00	0.00E+00	2.35E-02	0.00E+00	0.00E+00	2.37E-02
960	ALL		484075	3717475	NonCancer	0.00E+00	9.00E-05	2.40E-02	0.00E+00	0.00E+00	2.42E-02	1.06E-02	0.00E+00	1.63E-02	0.00E+00	0.00E+00	2.40E-02	0.00E+00	0.00E+00	2.42E-02
961	ALL		484125	3717475	NonCancer	0.00E+00	9.53E-05	2.47E-02	0.00E+00	0.00E+00	2.49E-02	1.12E-02	0.00E+00	1.73E-02	0.00E+00	0.00E+00	2.47E-02	0.00E+00	0.00E+00	2.49E-02
962	ALL		484175	3717475	NonCancer	0.00E+00	9.91E-05	2.57E-02	0.00E+00	0.00E+00	2.59E-02	1.17E-02	0.00E+00	1.80E-02	0.00E+00	0.00E+00	2.57E-02	0.00E+00	0.00E+00	2.59E-02
963	ALL		484225	3717475	NonCancer	0.00E+00	1.07E-04	2.75E-02	0.00E+00	0.00E+00	2.77E-02	1.25E-02	0.00E+00	1.93E-02	0.00E+00	0.00E+00	2.75E-02	0.00E+00	0.00E+00	2.77E-02
964	ALL		484275	3717475	NonCancer	0.00E+00	1.08E-04	2.83E-02	0.00E+00	0.00E+00	2.86E-02	1.27E-02	0.00E+00	1.97E-02	0.00E+00	0.00E+00	2.83E-02	0.00E+00	0.00E+00	2.86E-02
965	ALL		484325	3717475	NonCancer	0.00E+00	1.06E-04	2.88E-02	0.00E+00	0.00E+00	2.90E-02	1.25E-02	0.00E+00	1.93E-02	0.00E+00	0.00E+00	2.88E-02	0.00E+00	0.00E+00	2.90E-02
966	ALL		484375	3717475	NonCancer	0.00E+00	1.17E-04	3.11E-02	0.00E+00	0.00E+00	3.14E-02	1.37E-02	0.00E+00	2.12E-02	0.00E+00	0.00E+00	3.11E-02	0.00E+00	0.00E+00	3.14E-02
967	ALL		484425	3717475	NonCancer	0.00E+00	1.20E-04	3.17E-02	0.00E+00	0.00E+00	3.19E-02	1.41E-02	0.00E+00	2.17E-02	0.00E+00	0.00E+00	3.17E-02	0.00E+00	0.00E+00	3.19E-02
968	ALL		484475	3717475	NonCancer	0.00E+00	1.08E-04	2.80E-02	0.00E+00	0.00E+00	2.82E-02	1.27E-02	0.00E+00	1.96E-02	0.00E+00	0.00E+00	2.80E-02	0.00E+00	0.00E+00	2.82E-02
969	ALL		484525	3717475	NonCancer	0.00E+00	8.82E-05	2.48E-02	0.00E+00	0.00E+00	2.50E-02	1.04E-02	0.00E+00	1.60E-02	0.00E+00	0.00E+00	2.48E-02	0.00E+00	0.00E+00	2.50E-02
970	ALL		484575	3717475	NonCancer	0.00E+00	8.12E-05	2.42E-02	0.00E+00	0.00E+00	2.44E-02	9.56E-03	0.00E+00	1.47E-02	0.00E+00	0.00E+00	2.42E-02	0.00E+00	0.00E+00	2.44E-02
971	ALL		484625	3717475	NonCancer	0.00E+00	7.34E-05	2.14E-02	0.00E+00	0.00E+00	2.16E-02	8.65E-03	0.00E+00	1.33E-02	0.00E+00	0.00E+00	2.14E-02	0.00E+00	0.00E+00	2.16E-02
972	ALL		484675	3717475	NonCancer	0.00E+00	6.25E-05	1.81E-02	0.00E+00	0.00E+00	1.82E-02	7.36E-03	0.00E+00	1.13E-02	0.00E+00	0.00E+00	1.81E-02	0.00E+00	0.00E+00	1.82E-02
973	ALL		484725	3717475	NonCancer	0.00E+00	4.81E-05	1.44E-02	0.00E+00	0.00E+00	1.45E-02	5.67E-03	0.00E+00	8.74E-03	0.00E+00	0.00E+00	1.44E-02	0.00E+00	0.00E+00	1.45E-02
974	ALL		484775	3717475	NonCancer	0.00E+00	4.32E-05	1.25E-02	0.00E+00	0.00E+00	1.26E-02	5.09E-03	0.00E+00	7.84E-03	0.00E+00	0.00E+00	1.25E-02	0.00E+00	0.00E+00	1.26E-02
975	ALL		484825	3717475	NonCancer	0.00E+00	3.76E-05	1.04E-02	0.00E+00	0.00E+00	1.05E-02	4.43E-03	0.00E+00	6.83E-03	0.00E+00	0.00E+00	1.04E-02	0.00E+00	0.00E+00	1.05E-02
976	ALL		484875	3717475	NonCancer	0.00E+00	3.19E-05	8.68E-03	0.00E+00	0.00E+00	8.75E-03	3.76E-03	0.00E+00	5.80E-03	0.00E+00	0.00E+00	8.68E-03	0.00E+00	0.00E+00	8.75E-03
977	ALL		484925	3717475	NonCancer	0.00E+00	2.77E-05	7.64E-03	0.00E+00	0.00E+00	7.70E-03	3.26E-03	0.00E+00	5.03E-03	0.00E+00	0.00E+00	7.64E-03	0.00E+00	0.00E+00	7.70E-03
978	ALL		484975	3717475	NonCancer	0.00E+00	2.50E-05	7.10E-03	0.00E+00	0.00E+00	7.16E-03	2.94E-03	0.00E+00	4.54E-03	0.00E+00	0.00E+00	7.10E-03	0.00E+00	0.00E+00	7.16E-03
979	ALL		485025	3717475	NonCancer	0.00E+00	2.42E-05	6.92E-03	0.00E+00	0.00E+00	6.98E-03	2.85E-03	0.00E+00	4.40E-03	0.00E+00	0.00E+00	6.92E-03	0.00E+00	0.00E+00	6.98E-03
980	ALL		485075	3717475	NonCancer	0.00E+00	2.27E-05	6.45E-03	0.00E+00	0.00E+00	6.51E-03	2.67E-03	0.00E+00	4.12E-03	0.00E+00	0.00E+00	6.45E-03	0.00E+00	0.00E+00	6.51E-03
981	ALL		485125	3717475	NonCancer	0.00E+00	2.06E-05	5.79E-03	0.00E+00	0.00E+00	5.83E-03	2.42E-03	0.00E+00	3.74E-03	0.00E+00	0.00E+00	5.79E-03	0.00E+00	0.00E+00	5.83E-03
982	ALL		485175	3717475	NonCancer	0.00E+00	1.87E-05	5.17E-03	0.00E+00	0.00E+00	5.21E-03	2.20E-03	0.00E+00	3.39E-03	0.00E+00	0.00E+00	5.17E-03	0.00E+00	0.00E+00	5.21E-03
983	ALL		485225	3717475	NonCancer	0.00E+00	1.73E-05	4.78E-03	0.00E+00	0.00E+00	4.82E-03	2.03E-03	0.00E+00	3.13E-03	0.00E+00	0.00E+00	4.78E-03	0.00E+00	0.00E+00	4.82E-03
984	ALL		485275	3717475	NonCancer	0.00E+00	1.61E-05	4.48E-03	0.00E+00	0.00E+00	4.52E-03	1.90E-03	0.00E+00	2.93E-03	0.00E+00	0.00E+00	4.48E-03	0.00E+00	0.00E+00	4.52E-03
985	ALL		485325	3717475	NonCancer	0.00E+00	1.49E-05	4.14E-03	0.00E+00	0.00E+00	4.18E-03	1.75E-03	0.00E+00	2.70E-03	0.00E+00	0.00E+00	4.14E-03	0.00E+00	0.00E+00	4.18E-03
986	ALL		485375	3717475	NonCancer	0.00E+00	1.42E-05	3.92E-03	0.00E+00	0.00E+00	3.95E-03	1.67E-03	0.00E+00	2.58E-03	0.00E+00	0.00E+00	3.92E-03	0.00E+00	0.00E+00	3.95E-03
987	ALL		485425	3717475	NonCancer	0.00E+00	1.43E-05	3.94E-03	0.00E+00	0.00E+00	3.97E-03	1.68E-03	0.00E+00	2.59E-03	0.00E+00	0.00E+00	3.94E-03	0.00E+00	0.00E+00	3.97E-03
988	ALL		485475	3717475	NonCancer	0.00E+00	1.35E-05	3.70E-03	0.00E+00	0.00E+00	3.73E-03	1.58E-03	0.00E+00	2.44E-03	0.00E+00	0.00E+00	3.70E-03	0.00E+00	0.00E+00	3.73E-03
989	ALL		482925	3717525	NonCancer	0.00E+00	1.55E-05	4.10E-03	0.00E+00	0.00E+00	4.14E-03	1.82E-03	0.00E+00	2.81E-03	0.00E+00	0.00E+00	4.10E-03	0.00E+00	0.00E+00	4.14E-03
990	ALL		482975	3717525	NonCancer	0.00E+00	1.65E-05	4.36E-03	0.00E+00	0.00E+00	4.40E-03	1.94E-03	0.00E+00	3.00E-03	0.00E+00	0.00E+00	4.36E-03	0.00E+00	0.00E+00	4.40E-03

*HARP - HRACalc v19044 3/19/2020 1:54:44 PM - Acute Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitAcuteHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
991	ALL		483025	3717525	NonCancer	0.00E+00	1.77E-05	4.68E-03	0.00E+00	0.00E+00	4.72E-03	2.09E-03	0.00E+00	3.22E-03	0.00E+00	0.00E+00	4.68E-03	0.00E+00	0.00E+00	4.72E-03
992	ALL		483075	3717525	NonCancer	0.00E+00	1.91E-05	5.04E-03	0.00E+00	0.00E+00	5.08E-03	2.25E-03	0.00E+00	3.47E-03	0.00E+00	0.00E+00	5.04E-03	0.00E+00	0.00E+00	5.08E-03
993	ALL		483125	3717525	NonCancer	0.00E+00	2.06E-05	5.43E-03	0.00E+00	0.00E+00	5.47E-03	2.42E-03	0.00E+00	3.74E-03	0.00E+00	0.00E+00	5.43E-03	0.00E+00	0.00E+00	5.47E-03
994	ALL		483175	3717525	NonCancer	0.00E+00	2.23E-05	5.87E-03	0.00E+00	0.00E+00	5.92E-03	2.62E-03	0.00E+00	4.05E-03	0.00E+00	0.00E+00	5.87E-03	0.00E+00	0.00E+00	5.92E-03
995	ALL		483225	3717525	NonCancer	0.00E+00	2.42E-05	6.35E-03	0.00E+00	0.00E+00	6.41E-03	2.85E-03	0.00E+00	4.39E-03	0.00E+00	0.00E+00	6.35E-03	0.00E+00	0.00E+00	6.41E-03
996	ALL		483275	3717525	NonCancer	0.00E+00	2.63E-05	6.89E-03	0.00E+00	0.00E+00	6.95E-03	3.10E-03	0.00E+00	4.78E-03	0.00E+00	0.00E+00	6.89E-03	0.00E+00	0.00E+00	6.95E-03
997	ALL		483325	3717525	NonCancer	0.00E+00	2.87E-05	7.49E-03	0.00E+00	0.00E+00	7.56E-03	3.38E-03	0.00E+00	5.21E-03	0.00E+00	0.00E+00	7.49E-03	0.00E+00	0.00E+00	7.56E-03
998	ALL		483375	3717525	NonCancer	0.00E+00	3.13E-05	8.18E-03	0.00E+00	0.00E+00	8.25E-03	3.68E-03	0.00E+00	5.67E-03	0.00E+00	0.00E+00	8.18E-03	0.00E+00	0.00E+00	8.25E-03
999	ALL		483425	3717525	NonCancer	0.00E+00	3.49E-05	9.22E-03	0.00E+00	0.00E+00	9.30E-03	4.11E-03	0.00E+00	6.34E-03	0.00E+00	0.00E+00	9.22E-03	0.00E+00	0.00E+00	9.30E-03
1000	ALL		483475	3717525	NonCancer	0.00E+00	3.89E-05	1.04E-02	0.00E+00	0.00E+00	1.04E-02	4.58E-03	0.00E+00	7.06E-03	0.00E+00	0.00E+00	1.04E-02	0.00E+00	0.00E+00	1.04E-02
1001	ALL		483525	3717525	NonCancer	0.00E+00	4.43E-05	1.18E-02	0.00E+00	0.00E+00	1.19E-02	5.21E-03	0.00E+00	8.04E-03	0.00E+00	0.00E+00	1.18E-02	0.00E+00	0.00E+00	1.19E-02
1002	ALL		483575	3717525	NonCancer	0.00E+00	5.07E-05	1.35E-02	0.00E+00	0.00E+00	1.36E-02	5.98E-03	0.00E+00	9.21E-03	0.00E+00	0.00E+00	1.35E-02	0.00E+00	0.00E+00	1.36E-02
1003	ALL		483625	3717525	NonCancer	0.00E+00	5.88E-05	1.55E-02	0.00E+00	0.00E+00	1.56E-02	6.93E-03	0.00E+00	1.07E-02	0.00E+00	0.00E+00	1.55E-02	0.00E+00	0.00E+00	1.56E-02
1004	ALL		483675	3717525	NonCancer	0.00E+00	8.08E-05	2.06E-02	0.00E+00	0.00E+00	2.08E-02	9.52E-03	0.00E+00	1.47E-02	0.00E+00	0.00E+00	2.06E-02	0.00E+00	0.00E+00	2.08E-02
1005	ALL		483725	3717525	NonCancer	0.00E+00	1.45E-04	3.55E-02	0.00E+00	0.00E+00	3.58E-02	1.71E-02	0.00E+00	2.64E-02	0.00E+00	0.00E+00	3.55E-02	0.00E+00	0.00E+00	3.58E-02
1006	ALL		483925	3717525	NonCancer	0.00E+00	1.12E-04	2.82E-02	0.00E+00	0.00E+00	2.85E-02	1.32E-02	0.00E+00	2.04E-02	0.00E+00	0.00E+00	2.82E-02	0.00E+00	0.00E+00	2.85E-02
1007	ALL		483975	3717525	NonCancer	0.00E+00	9.76E-05	2.51E-02	0.00E+00	0.00E+00	2.53E-02	1.15E-02	0.00E+00	1.77E-02	0.00E+00	0.00E+00	2.51E-02	0.00E+00	0.00E+00	2.53E-02
1008	ALL		484025	3717525	NonCancer	0.00E+00	1.14E-04	2.93E-02	0.00E+00	0.00E+00	2.95E-02	1.35E-02	0.00E+00	2.08E-02	0.00E+00	0.00E+00	2.93E-02	0.00E+00	0.00E+00	2.95E-02
1009	ALL		484075	3717525	NonCancer	0.00E+00	1.33E-04	3.51E-02	0.00E+00	0.00E+00	3.54E-02	1.57E-02	0.00E+00	2.42E-02	0.00E+00	0.00E+00	3.51E-02	0.00E+00	0.00E+00	3.54E-02
1010	ALL		484125	3717525	NonCancer	0.00E+00	1.33E-04	3.40E-02	0.00E+00	0.00E+00	3.43E-02	1.56E-02	0.00E+00	2.41E-02	0.00E+00	0.00E+00	3.40E-02	0.00E+00	0.00E+00	3.43E-02
1011	ALL		484175	3717525	NonCancer	0.00E+00	1.33E-04	3.40E-02	0.00E+00	0.00E+00	3.43E-02	1.57E-02	0.00E+00	2.42E-02	0.00E+00	0.00E+00	3.40E-02	0.00E+00	0.00E+00	3.43E-02
1012	ALL		484225	3717525	NonCancer	0.00E+00	1.48E-04	3.77E-02	0.00E+00	0.00E+00	3.81E-02	1.75E-02	0.00E+00	2.69E-02	0.00E+00	0.00E+00	3.77E-02	0.00E+00	0.00E+00	3.81E-02
1013	ALL		484275	3717525	NonCancer	0.00E+00	1.48E-04	3.84E-02	0.00E+00	0.00E+00	3.88E-02	1.74E-02	0.00E+00	2.69E-02	0.00E+00	0.00E+00	3.84E-02	0.00E+00	0.00E+00	3.88E-02
1014	ALL		484325	3717525	NonCancer	0.00E+00	1.51E-04	3.99E-02	0.00E+00	0.00E+00	4.03E-02	1.77E-02	0.00E+00	2.73E-02	0.00E+00	0.00E+00	3.99E-02	0.00E+00	0.00E+00	4.03E-02
1015	ALL		484375	3717525	NonCancer	0.00E+00	1.56E-04	4.15E-02	0.00E+00	0.00E+00	4.18E-02	1.84E-02	0.00E+00	2.84E-02	0.00E+00	0.00E+00	4.15E-02	0.00E+00	0.00E+00	4.18E-02
1016	ALL		484425	3717525	NonCancer	0.00E+00	1.42E-04	3.68E-02	0.00E+00	0.00E+00	3.71E-02	1.67E-02	0.00E+00	2.58E-02	0.00E+00	0.00E+00	3.68E-02	0.00E+00	0.00E+00	3.71E-02
1017	ALL		484475	3717525	NonCancer	0.00E+00	1.15E-04	3.11E-02	0.00E+00	0.00E+00	3.14E-02	1.36E-02	0.00E+00	2.09E-02	0.00E+00	0.00E+00	3.11E-02	0.00E+00	0.00E+00	3.14E-02
1018	ALL		484525	3717525	NonCancer	0.00E+00	9.83E-05	2.93E-02	0.00E+00	0.00E+00	2.95E-02	1.16E-02	0.00E+00	1.78E-02	0.00E+00	0.00E+00	2.93E-02	0.00E+00	0.00E+00	2.95E-02
1019	ALL		484575	3717525	NonCancer	0.00E+00	8.63E-05	2.58E-02	0.00E+00	0.00E+00	2.60E-02	1.02E-02	0.00E+00	1.57E-02	0.00E+00	0.00E+00	2.58E-02	0.00E+00	0.00E+00	2.60E-02
1020	ALL		484625	3717525	NonCancer	0.00E+00	7.13E-05	2.09E-02	0.00E+00	0.00E+00	2.11E-02	8.40E-03	0.00E+00	1.29E-02	0.00E+00	0.00E+00	2.09E-02	0.00E+00	0.00E+00	2.11E-02
1021	ALL		484675	3717525	NonCancer	0.00E+00	5.93E-05	1.77E-02	0.00E+00	0.00E+00	1.78E-02	6.98E-03	0.00E+00	1.08E-02	0.00E+00	0.00E+00	1.77E-02	0.00E+00	0.00E+00	1.78E-02
1022	ALL		484725	3717525	NonCancer	0.00E+00	5.14E-05	1.48E-02	0.00E+00	0.00E+00	1.50E-02	6.05E-03	0.00E+00	9.32E-03	0.00E+00	0.00E+00	1.48E-02	0.00E+00	0.00E+00	1.50E-02
1023	ALL		484775	3717525	NonCancer	0.00E+00	4.37E-05	1.20E-02	0.00E+00	0.00E+00	1.21E-02	5.14E-03	0.00E+00	7.92E-03	0.00E+00	0.00E+00	1.20E-02	0.00E+00	0.00E+00	1.21E-02
1024	ALL		484825	3717525	NonCancer	0.00E+00	3.65E-05	9.98E-03	0.00E+00	0.00E+00	1.01E-02	4.29E-03	0.00E+00	6.62E-03	0.00E+00	0.00E+00	9.98E-03	0.00E+00	0.00E+00	1.01E-02
1025	ALL		484875	3717525	NonCancer	0.00E+00	3.05E-05	8.70E-03	0.00E+00	0.00E+00	8.77E-03	3.59E-03	0.00E+00	5.54E-03	0.00E+00	0.00E+00	8.70E-03	0.00E+00	0.00E+00	8.77E-03
1026	ALL		484925	3717525	NonCancer	0.00E+00	2.70E-05	7.91E-03	0.00E+00	0.00E+00	7.97E-03	3.18E-03	0.00E+00	4.91E-03	0.00E+00	0.00E+00	7.91E-03	0.00E+00	0.00E+00	7.97E-03
1027	ALL		484975	3717525	NonCancer	0.00E+00	2.57E-05	7.45E-03	0.00E+00	0.00E+00	7.51E-03	3.02E-03	0.00E+00	4.66E-03	0.00E+00	0.00E+00	7.45E-03	0.00E+00	0.00E+00	7.51E-03
1028	ALL		485025	3717525	NonCancer	0.00E+00	2.47E-05	6.98E-03	0.00E+00	0.00E+00	7.04E-03	2.91E-03	0.00E+00	4.48E-03	0.00E+00	0.00E+00	6.98E-03	0.00E+00	0.00E+00	7.04E-03
1029	ALL		485075	3717525	NonCancer	0.00E+00	2.31E-05	6.38E-03	0.00E+00	0.00E+00	6.44E-03	2.72E-03	0.00E+00	4.19E-03	0.00E+00	0.00E+00	6.38E-03	0.00E+00	0.00E+00	6.44E-03
1030	ALL		485125	3717525	NonCancer	0.00E+00	2.05E-05	5.72E-03	0.00E+00	0.00E+00	5.77E-03	2.42E-03	0.00E+00	3.72E-03	0.00E+00	0.00E+00	5.72E-03	0.00E+00	0.00E+00	5.77E-03
1031	ALL		485175	3717525	NonCancer	0.00E+00	1.88E-05	5.26E-03	0.00E+00	0.00E+00	5.30E-03	2.21E-03	0.00E+00	3.41E-03	0.00E+00	0.00E+00	5.26E-03	0.00E+00	0.00E+00	5.30E-03
1032	ALL		485225	3717525	NonCancer	0.00E+00	1.75E-05	4.87E-03	0.00E+00	0.00E+00	4.91E-03	2.06E-03	0.00E+00	3.18E-03	0.00E+00	0.00E+00	4.87E-03	0.00E+00	0.00E+00	4.91E-03
1033	ALL		485275	3717525	NonCancer	0.00E+00	1.62E-05	4.48E-03	0.00E+00	0.00E+00	4.51E-03	1.91E-03	0.00E+00	2.94E-03	0.00E+00	0.00E+00	4.48E-03	0.00E+00	0.00E+00	4.51E-03
1034	ALL		485325	3717525	NonCancer	0.00E+00	1.48E-05	4.10E-03	0.00E+00	0.00E+00	4.13E-03	1.74E-03	0.00E+00	2.69E-03	0.00E+00	0.00E+00	4.10E-03	0.00E+00	0.00E+00	4.13E-03
1035	ALL		485375	3717525	NonCancer	0.00E+00	1.39E-05	3.86E-03	0.00E+00	0.00E+00	3.89E-03	1.64E-03	0.00E+00	2.53E-03	0.00E+00	0.00E+00	3.86E-03	0.00E+00	0.00E+00	3.89E-03

*HARP - HRACalc v19044 3/19/2020 1:54:44 PM - Acute Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitAcuteHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1036	ALL		485425	3717525	NonCancer	0.00E+00	1.45E-05	4.01E-03	0.00E+00	0.00E+00	4.05E-03	1.71E-03	0.00E+00	2.64E-03	0.00E+00	0.00E+00	4.01E-03	0.00E+00	0.00E+00	4.05E-03
1037	ALL		485475	3717525	NonCancer	0.00E+00	1.37E-05	3.78E-03	0.00E+00	0.00E+00	3.81E-03	1.61E-03	0.00E+00	2.48E-03	0.00E+00	0.00E+00	3.78E-03	0.00E+00	0.00E+00	3.81E-03
1038	ALL		482925	3717575	NonCancer	0.00E+00	1.53E-05	4.07E-03	0.00E+00	0.00E+00	4.10E-03	1.80E-03	0.00E+00	2.77E-03	0.00E+00	0.00E+00	4.07E-03	0.00E+00	0.00E+00	4.10E-03
1039	ALL		482975	3717575	NonCancer	0.00E+00	1.59E-05	4.24E-03	0.00E+00	0.00E+00	4.28E-03	1.87E-03	0.00E+00	2.89E-03	0.00E+00	0.00E+00	4.24E-03	0.00E+00	0.00E+00	4.28E-03
1040	ALL		483025	3717575	NonCancer	0.00E+00	1.71E-05	4.55E-03	0.00E+00	0.00E+00	4.59E-03	2.02E-03	0.00E+00	3.11E-03	0.00E+00	0.00E+00	4.55E-03	0.00E+00	0.00E+00	4.59E-03
1041	ALL		483075	3717575	NonCancer	0.00E+00	1.85E-05	4.90E-03	0.00E+00	0.00E+00	4.94E-03	2.18E-03	0.00E+00	3.36E-03	0.00E+00	0.00E+00	4.90E-03	0.00E+00	0.00E+00	4.94E-03
1042	ALL		483125	3717575	NonCancer	0.00E+00	2.00E-05	5.27E-03	0.00E+00	0.00E+00	5.31E-03	2.35E-03	0.00E+00	3.63E-03	0.00E+00	0.00E+00	5.27E-03	0.00E+00	0.00E+00	5.31E-03
1043	ALL		483175	3717575	NonCancer	0.00E+00	2.17E-05	5.73E-03	0.00E+00	0.00E+00	5.78E-03	2.56E-03	0.00E+00	3.95E-03	0.00E+00	0.00E+00	5.73E-03	0.00E+00	0.00E+00	5.78E-03
1044	ALL		483225	3717575	NonCancer	0.00E+00	2.37E-05	6.23E-03	0.00E+00	0.00E+00	6.28E-03	2.79E-03	0.00E+00	4.30E-03	0.00E+00	0.00E+00	6.23E-03	0.00E+00	0.00E+00	6.28E-03
1045	ALL		483275	3717575	NonCancer	0.00E+00	2.58E-05	6.78E-03	0.00E+00	0.00E+00	6.84E-03	3.04E-03	0.00E+00	4.68E-03	0.00E+00	0.00E+00	6.78E-03	0.00E+00	0.00E+00	6.84E-03
1046	ALL		483325	3717575	NonCancer	0.00E+00	2.81E-05	7.39E-03	0.00E+00	0.00E+00	7.45E-03	3.32E-03	0.00E+00	5.11E-03	0.00E+00	0.00E+00	7.39E-03	0.00E+00	0.00E+00	7.45E-03
1047	ALL		483375	3717575	NonCancer	0.00E+00	3.06E-05	8.01E-03	0.00E+00	0.00E+00	8.08E-03	3.60E-03	0.00E+00	5.55E-03	0.00E+00	0.00E+00	8.01E-03	0.00E+00	0.00E+00	8.08E-03
1048	ALL		483425	3717575	NonCancer	0.00E+00	3.39E-05	8.88E-03	0.00E+00	0.00E+00	8.95E-03	3.99E-03	0.00E+00	6.15E-03	0.00E+00	0.00E+00	8.88E-03	0.00E+00	0.00E+00	8.95E-03
1049	ALL		483475	3717575	NonCancer	0.00E+00	3.74E-05	9.83E-03	0.00E+00	0.00E+00	9.91E-03	4.41E-03	0.00E+00	6.80E-03	0.00E+00	0.00E+00	9.83E-03	0.00E+00	0.00E+00	9.91E-03
1050	ALL		483525	3717575	NonCancer	0.00E+00	4.05E-05	1.08E-02	0.00E+00	0.00E+00	1.09E-02	4.77E-03	0.00E+00	7.36E-03	0.00E+00	0.00E+00	1.08E-02	0.00E+00	0.00E+00	1.09E-02
1051	ALL		483575	3717575	NonCancer	0.00E+00	4.56E-05	1.23E-02	0.00E+00	0.00E+00	1.24E-02	5.37E-03	0.00E+00	8.28E-03	0.00E+00	0.00E+00	1.23E-02	0.00E+00	0.00E+00	1.24E-02
1052	ALL		483625	3717575	NonCancer	0.00E+00	5.36E-05	1.44E-02	0.00E+00	0.00E+00	1.45E-02	6.31E-03	0.00E+00	9.72E-03	0.00E+00	0.00E+00	1.44E-02	0.00E+00	0.00E+00	1.45E-02
1053	ALL		483675	3717575	NonCancer	0.00E+00	6.55E-05	1.74E-02	0.00E+00	0.00E+00	1.76E-02	7.71E-03	0.00E+00	1.19E-02	0.00E+00	0.00E+00	1.74E-02	0.00E+00	0.00E+00	1.76E-02
1054	ALL		483725	3717575	NonCancer	0.00E+00	1.04E-04	2.65E-02	0.00E+00	0.00E+00	2.67E-02	1.22E-02	0.00E+00	1.88E-02	0.00E+00	0.00E+00	2.65E-02	0.00E+00	0.00E+00	2.67E-02
1055	ALL		483775	3717575	NonCancer	0.00E+00	1.50E-04	3.73E-02	0.00E+00	0.00E+00	3.77E-02	1.77E-02	0.00E+00	2.73E-02	0.00E+00	0.00E+00	3.73E-02	0.00E+00	0.00E+00	3.77E-02
1056	ALL		483925	3717575	NonCancer	0.00E+00	2.09E-04	5.10E-02	0.00E+00	0.00E+00	5.15E-02	2.46E-02	0.00E+00	3.79E-02	0.00E+00	0.00E+00	5.10E-02	0.00E+00	0.00E+00	5.15E-02
1057	ALL		483975	3717575	NonCancer	0.00E+00	1.81E-04	4.47E-02	0.00E+00	0.00E+00	4.51E-02	2.13E-02	0.00E+00	3.28E-02	0.00E+00	0.00E+00	4.47E-02	0.00E+00	0.00E+00	4.51E-02
1058	ALL		484025	3717575	NonCancer	0.00E+00	2.35E-04	5.77E-02	0.00E+00	0.00E+00	5.82E-02	2.77E-02	0.00E+00	4.27E-02	0.00E+00	0.00E+00	5.77E-02	0.00E+00	0.00E+00	5.82E-02
1059	ALL		484075	3717575	NonCancer	0.00E+00	3.21E-04	7.91E-02	0.00E+00	0.00E+00	7.98E-02	3.78E-02	0.00E+00	5.83E-02	0.00E+00	0.00E+00	7.91E-02	0.00E+00	0.00E+00	7.98E-02
1060	ALL		484125	3717575	NonCancer	0.00E+00	3.17E-04	7.87E-02	0.00E+00	0.00E+00	7.94E-02	3.74E-02	0.00E+00	5.76E-02	0.00E+00	0.00E+00	7.87E-02	0.00E+00	0.00E+00	7.94E-02
1061	ALL		484175	3717575	NonCancer	0.00E+00	3.17E-04	7.76E-02	0.00E+00	0.00E+00	7.83E-02	3.74E-02	0.00E+00	5.76E-02	0.00E+00	0.00E+00	7.76E-02	0.00E+00	0.00E+00	7.83E-02
1062	ALL		484225	3717575	NonCancer	0.00E+00	3.43E-04	8.36E-02	0.00E+00	0.00E+00	8.44E-02	4.03E-02	0.00E+00	6.22E-02	0.00E+00	0.00E+00	8.36E-02	0.00E+00	0.00E+00	8.44E-02
1063	ALL		484275	3717575	NonCancer	0.00E+00	3.44E-04	8.52E-02	0.00E+00	0.00E+00	8.60E-02	4.05E-02	0.00E+00	6.24E-02	0.00E+00	0.00E+00	8.52E-02	0.00E+00	0.00E+00	8.60E-02
1064	ALL		484325	3717575	NonCancer	0.00E+00	2.48E-04	6.37E-02	0.00E+00	0.00E+00	6.43E-02	2.92E-02	0.00E+00	4.51E-02	0.00E+00	0.00E+00	6.37E-02	0.00E+00	0.00E+00	6.43E-02
1065	ALL		484375	3717575	NonCancer	0.00E+00	2.01E-04	5.30E-02	0.00E+00	0.00E+00	5.34E-02	2.36E-02	0.00E+00	3.64E-02	0.00E+00	0.00E+00	5.30E-02	0.00E+00	0.00E+00	5.34E-02
1066	ALL		484425	3717575	NonCancer	0.00E+00	1.52E-04	4.00E-02	0.00E+00	0.00E+00	4.03E-02	1.80E-02	0.00E+00	2.77E-02	0.00E+00	0.00E+00	4.00E-02	0.00E+00	0.00E+00	4.03E-02
1067	ALL		484475	3717575	NonCancer	0.00E+00	1.22E-04	3.59E-02	0.00E+00	0.00E+00	3.62E-02	1.43E-02	0.00E+00	2.21E-02	0.00E+00	0.00E+00	3.59E-02	0.00E+00	0.00E+00	3.62E-02
1068	ALL		484525	3717575	NonCancer	0.00E+00	1.05E-04	3.21E-02	0.00E+00	0.00E+00	3.24E-02	1.24E-02	0.00E+00	1.91E-02	0.00E+00	0.00E+00	3.21E-02	0.00E+00	0.00E+00	3.24E-02
1069	ALL		484575	3717575	NonCancer	0.00E+00	8.61E-05	2.55E-02	0.00E+00	0.00E+00	2.57E-02	1.01E-02	0.00E+00	1.56E-02	0.00E+00	0.00E+00	2.55E-02	0.00E+00	0.00E+00	2.57E-02
1070	ALL		484625	3717575	NonCancer	0.00E+00	7.16E-05	2.14E-02	0.00E+00	0.00E+00	2.16E-02	8.43E-03	0.00E+00	1.30E-02	0.00E+00	0.00E+00	2.14E-02	0.00E+00	0.00E+00	2.16E-02
1071	ALL		484675	3717575	NonCancer	0.00E+00	5.98E-05	1.73E-02	0.00E+00	0.00E+00	1.74E-02	7.04E-03	0.00E+00	1.09E-02	0.00E+00	0.00E+00	1.73E-02	0.00E+00	0.00E+00	1.74E-02
1072	ALL		484725	3717575	NonCancer	0.00E+00	5.08E-05	1.40E-02	0.00E+00	0.00E+00	1.41E-02	5.99E-03	0.00E+00	9.23E-03	0.00E+00	0.00E+00	1.40E-02	0.00E+00	0.00E+00	1.41E-02
1073	ALL		484775	3717575	NonCancer	0.00E+00	4.34E-05	1.22E-02	0.00E+00	0.00E+00	1.23E-02	5.11E-03	0.00E+00	7.87E-03	0.00E+00	0.00E+00	1.22E-02	0.00E+00	0.00E+00	1.23E-02
1074	ALL		484825	3717575	NonCancer	0.00E+00	3.50E-05	1.03E-02	0.00E+00	0.00E+00	1.04E-02	4.13E-03	0.00E+00	6.36E-03	0.00E+00	0.00E+00	1.03E-02	0.00E+00	0.00E+00	1.04E-02
1075	ALL		484875	3717575	NonCancer	0.00E+00	3.13E-05	9.25E-03	0.00E+00	0.00E+00	9.32E-03	3.69E-03	0.00E+00	5.69E-03	0.00E+00	0.00E+00	9.25E-03	0.00E+00	0.00E+00	9.32E-03
1076	ALL		484925	3717575	NonCancer	0.00E+00	2.87E-05	8.27E-03	0.00E+00	0.00E+00	8.34E-03	3.38E-03	0.00E+00	5.20E-03	0.00E+00	0.00E+00	8.27E-03	0.00E+00	0.00E+00	8.34E-03
1077	ALL		484975	3717575	NonCancer	0.00E+00	2.62E-05	7.36E-03	0.00E+00	0.00E+00	7.42E-03	3.09E-03	0.00E+00	4.76E-03	0.00E+00	0.00E+00	7.36E-03	0.00E+00	0.00E+00	7.42E-03
1078	ALL		485025	3717575	NonCancer	0.00E+00	2.43E-05	6.86E-03	0.00E+00	0.00E+00	6.91E-03	2.86E-03	0.00E+00	4.42E-03	0.00E+00	0.00E+00	6.86E-03	0.00E+00	0.00E+00	6.91E-03
1079	ALL		485075	3717575	NonCancer	0.00E+00	2.33E-05	6.52E-03	0.00E+00	0.00E+00	6.57E-03	2.75E-03	0.00E+00	4.24E-03	0.00E+00	0.00E+00	6.52E-03	0.00E+00	0.00E+00	6.57E-03
1080	ALL		485125	3717575	NonCancer	0.00E+00	2.07E-05	5.75E-03	0.00E+00	0.00E+00	5.79E-03	2.43E-03	0.00E+00	3.75E-03	0.00E+00	0.00E+00	5.75E-03	0.00E+00	0.00E+00	5.79E-03

*HARP - HRACalc v19044 3/19/2020 1:54:44 PM - Acute Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitAcuteHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1081	ALL		485175	3717575	NonCancer	0.00E+00	1.90E-05	5.27E-03	0.00E+00	0.00E+00	5.32E-03	2.24E-03	0.00E+00	3.45E-03	0.00E+00	0.00E+00	5.27E-03	0.00E+00	0.00E+00	5.32E-03
1082	ALL		485225	3717575	NonCancer	0.00E+00	1.77E-05	4.89E-03	0.00E+00	0.00E+00	4.93E-03	2.08E-03	0.00E+00	3.21E-03	0.00E+00	0.00E+00	4.89E-03	0.00E+00	0.00E+00	4.93E-03
1083	ALL		485275	3717575	NonCancer	0.00E+00	1.65E-05	4.57E-03	0.00E+00	0.00E+00	4.61E-03	1.94E-03	0.00E+00	2.99E-03	0.00E+00	0.00E+00	4.57E-03	0.00E+00	0.00E+00	4.61E-03
1084	ALL		485325	3717575	NonCancer	0.00E+00	1.52E-05	4.23E-03	0.00E+00	0.00E+00	4.26E-03	1.79E-03	0.00E+00	2.77E-03	0.00E+00	0.00E+00	4.23E-03	0.00E+00	0.00E+00	4.26E-03
1085	ALL		485375	3717575	NonCancer	0.00E+00	1.42E-05	3.93E-03	0.00E+00	0.00E+00	3.96E-03	1.67E-03	0.00E+00	2.57E-03	0.00E+00	0.00E+00	3.93E-03	0.00E+00	0.00E+00	3.96E-03
1086	ALL		485425	3717575	NonCancer	0.00E+00	1.42E-05	3.92E-03	0.00E+00	0.00E+00	3.95E-03	1.67E-03	0.00E+00	2.58E-03	0.00E+00	0.00E+00	3.92E-03	0.00E+00	0.00E+00	3.95E-03
1087	ALL		485475	3717575	NonCancer	0.00E+00	1.38E-05	3.80E-03	0.00E+00	0.00E+00	3.83E-03	1.62E-03	0.00E+00	2.50E-03	0.00E+00	0.00E+00	3.80E-03	0.00E+00	0.00E+00	3.83E-03
1088	ALL		482925	3717625	NonCancer	0.00E+00	1.60E-05	4.20E-03	0.00E+00	0.00E+00	4.24E-03	1.88E-03	0.00E+00	2.90E-03	0.00E+00	0.00E+00	4.20E-03	0.00E+00	0.00E+00	4.24E-03
1089	ALL		482975	3717625	NonCancer	0.00E+00	1.69E-05	4.47E-03	0.00E+00	0.00E+00	4.51E-03	2.00E-03	0.00E+00	3.08E-03	0.00E+00	0.00E+00	4.47E-03	0.00E+00	0.00E+00	4.51E-03
1090	ALL		483025	3717625	NonCancer	0.00E+00	1.79E-05	4.74E-03	0.00E+00	0.00E+00	4.78E-03	2.11E-03	0.00E+00	3.25E-03	0.00E+00	0.00E+00	4.74E-03	0.00E+00	0.00E+00	4.78E-03
1091	ALL		483075	3717625	NonCancer	0.00E+00	1.90E-05	5.04E-03	0.00E+00	0.00E+00	5.08E-03	2.24E-03	0.00E+00	3.45E-03	0.00E+00	0.00E+00	5.04E-03	0.00E+00	0.00E+00	5.08E-03
1092	ALL		483125	3717625	NonCancer	0.00E+00	2.01E-05	5.35E-03	0.00E+00	0.00E+00	5.40E-03	2.37E-03	0.00E+00	3.65E-03	0.00E+00	0.00E+00	5.35E-03	0.00E+00	0.00E+00	5.40E-03
1093	ALL		483175	3717625	NonCancer	0.00E+00	2.16E-05	5.75E-03	0.00E+00	0.00E+00	5.80E-03	2.55E-03	0.00E+00	3.92E-03	0.00E+00	0.00E+00	5.75E-03	0.00E+00	0.00E+00	5.80E-03
1094	ALL		483225	3717625	NonCancer	0.00E+00	2.31E-05	6.14E-03	0.00E+00	0.00E+00	6.20E-03	2.72E-03	0.00E+00	4.20E-03	0.00E+00	0.00E+00	6.14E-03	0.00E+00	0.00E+00	6.20E-03
1095	ALL		483275	3717625	NonCancer	0.00E+00	2.47E-05	6.56E-03	0.00E+00	0.00E+00	6.62E-03	2.91E-03	0.00E+00	4.49E-03	0.00E+00	0.00E+00	6.56E-03	0.00E+00	0.00E+00	6.62E-03
1096	ALL		483325	3717625	NonCancer	0.00E+00	2.70E-05	7.13E-03	0.00E+00	0.00E+00	7.19E-03	3.18E-03	0.00E+00	4.91E-03	0.00E+00	0.00E+00	7.13E-03	0.00E+00	0.00E+00	7.19E-03
1097	ALL		483375	3717625	NonCancer	0.00E+00	2.94E-05	7.73E-03	0.00E+00	0.00E+00	7.79E-03	3.47E-03	0.00E+00	5.34E-03	0.00E+00	0.00E+00	7.73E-03	0.00E+00	0.00E+00	7.79E-03
1098	ALL		483425	3717625	NonCancer	0.00E+00	3.25E-05	8.54E-03	0.00E+00	0.00E+00	8.61E-03	3.83E-03	0.00E+00	5.90E-03	0.00E+00	0.00E+00	8.54E-03	0.00E+00	0.00E+00	8.61E-03
1099	ALL		483475	3717625	NonCancer	0.00E+00	3.64E-05	9.57E-03	0.00E+00	0.00E+00	9.65E-03	4.29E-03	0.00E+00	6.61E-03	0.00E+00	0.00E+00	9.57E-03	0.00E+00	0.00E+00	9.65E-03
1100	ALL		483525	3717625	NonCancer	0.00E+00	4.05E-05	1.06E-02	0.00E+00	0.00E+00	1.07E-02	4.77E-03	0.00E+00	7.35E-03	0.00E+00	0.00E+00	1.06E-02	0.00E+00	0.00E+00	1.07E-02
1101	ALL		483575	3717625	NonCancer	0.00E+00	4.51E-05	1.19E-02	0.00E+00	0.00E+00	1.20E-02	5.31E-03	0.00E+00	8.18E-03	0.00E+00	0.00E+00	1.19E-02	0.00E+00	0.00E+00	1.20E-02
1102	ALL		483625	3717625	NonCancer	0.00E+00	4.93E-05	1.32E-02	0.00E+00	0.00E+00	1.33E-02	5.81E-03	0.00E+00	8.95E-03	0.00E+00	0.00E+00	1.32E-02	0.00E+00	0.00E+00	1.33E-02
1103	ALL		483675	3717625	NonCancer	0.00E+00	5.72E-05	1.54E-02	0.00E+00	0.00E+00	1.56E-02	6.73E-03	0.00E+00	1.04E-02	0.00E+00	0.00E+00	1.54E-02	0.00E+00	0.00E+00	1.56E-02
1104	ALL		483725	3717625	NonCancer	0.00E+00	7.29E-05	1.95E-02	0.00E+00	0.00E+00	1.97E-02	8.59E-03	0.00E+00	1.32E-02	0.00E+00	0.00E+00	1.95E-02	0.00E+00	0.00E+00	1.97E-02
1105	ALL		483775	3717625	NonCancer	0.00E+00	1.30E-04	3.33E-02	0.00E+00	0.00E+00	3.36E-02	1.53E-02	0.00E+00	2.37E-02	0.00E+00	0.00E+00	3.33E-02	0.00E+00	0.00E+00	3.36E-02
1106	ALL		484525	3717625	NonCancer	0.00E+00	1.09E-04	3.24E-02	0.00E+00	0.00E+00	3.26E-02	1.28E-02	0.00E+00	1.97E-02	0.00E+00	0.00E+00	3.24E-02	0.00E+00	0.00E+00	3.26E-02
1107	ALL		484575	3717625	NonCancer	0.00E+00	8.62E-05	2.60E-02	0.00E+00	0.00E+00	2.62E-02	1.01E-02	0.00E+00	1.56E-02	0.00E+00	0.00E+00	2.60E-02	0.00E+00	0.00E+00	2.62E-02
1108	ALL		484625	3717625	NonCancer	0.00E+00	7.09E-05	2.05E-02	0.00E+00	0.00E+00	2.06E-02	8.35E-03	0.00E+00	1.29E-02	0.00E+00	0.00E+00	2.05E-02	0.00E+00	0.00E+00	2.06E-02
1109	ALL		484675	3717625	NonCancer	0.00E+00	5.88E-05	1.65E-02	0.00E+00	0.00E+00	1.66E-02	6.92E-03	0.00E+00	1.07E-02	0.00E+00	0.00E+00	1.65E-02	0.00E+00	0.00E+00	1.66E-02
1110	ALL		484725	3717625	NonCancer	0.00E+00	4.92E-05	1.44E-02	0.00E+00	0.00E+00	1.46E-02	5.79E-03	0.00E+00	8.93E-03	0.00E+00	0.00E+00	1.44E-02	0.00E+00	0.00E+00	1.46E-02
1111	ALL		484775	3717625	NonCancer	0.00E+00	4.07E-05	1.22E-02	0.00E+00	0.00E+00	1.23E-02	4.79E-03	0.00E+00	7.39E-03	0.00E+00	0.00E+00	1.22E-02	0.00E+00	0.00E+00	1.23E-02
1112	ALL		484825	3717625	NonCancer	0.00E+00	3.65E-05	1.07E-02	0.00E+00	0.00E+00	1.08E-02	4.30E-03	0.00E+00	6.62E-03	0.00E+00	0.00E+00	1.07E-02	0.00E+00	0.00E+00	1.08E-02
1113	ALL		484875	3717625	NonCancer	0.00E+00	3.22E-05	9.21E-03	0.00E+00	0.00E+00	9.29E-03	3.79E-03	0.00E+00	5.85E-03	0.00E+00	0.00E+00	9.21E-03	0.00E+00	0.00E+00	9.29E-03
1114	ALL		484925	3717625	NonCancer	0.00E+00	2.85E-05	8.18E-03	0.00E+00	0.00E+00	8.24E-03	3.36E-03	0.00E+00	5.17E-03	0.00E+00	0.00E+00	8.18E-03	0.00E+00	0.00E+00	8.24E-03
1115	ALL		484975	3717625	NonCancer	0.00E+00	2.56E-05	7.29E-03	0.00E+00	0.00E+00	7.35E-03	3.02E-03	0.00E+00	4.65E-03	0.00E+00	0.00E+00	7.29E-03	0.00E+00	0.00E+00	7.35E-03
1116	ALL		485025	3717625	NonCancer	0.00E+00	2.39E-05	6.73E-03	0.00E+00	0.00E+00	6.79E-03	2.82E-03	0.00E+00	4.35E-03	0.00E+00	0.00E+00	6.73E-03	0.00E+00	0.00E+00	6.79E-03
1117	ALL		485075	3717625	NonCancer	0.00E+00	2.26E-05	6.31E-03	0.00E+00	0.00E+00	6.36E-03	2.66E-03	0.00E+00	4.10E-03	0.00E+00	0.00E+00	6.31E-03	0.00E+00	0.00E+00	6.36E-03
1118	ALL		485125	3717625	NonCancer	0.00E+00	2.13E-05	5.92E-03	0.00E+00	0.00E+00	5.97E-03	2.51E-03	0.00E+00	3.87E-03	0.00E+00	0.00E+00	5.92E-03	0.00E+00	0.00E+00	5.97E-03
1119	ALL		485175	3717625	NonCancer	0.00E+00	1.94E-05	5.39E-03	0.00E+00	0.00E+00	5.43E-03	2.29E-03	0.00E+00	3.52E-03	0.00E+00	0.00E+00	5.39E-03	0.00E+00	0.00E+00	5.43E-03
1120	ALL		485225	3717625	NonCancer	0.00E+00	1.80E-05	4.98E-03	0.00E+00	0.00E+00	5.03E-03	2.11E-03	0.00E+00	3.26E-03	0.00E+00	0.00E+00	4.98E-03	0.00E+00	0.00E+00	5.03E-03
1121	ALL		485275	3717625	NonCancer	0.00E+00	1.67E-05	4.62E-03	0.00E+00	0.00E+00	4.66E-03	1.96E-03	0.00E+00	3.02E-03	0.00E+00	0.00E+00	4.62E-03	0.00E+00	0.00E+00	4.66E-03
1122	ALL		485325	3717625	NonCancer	0.00E+00	1.53E-05	4.23E-03	0.00E+00	0.00E+00	4.27E-03	1.80E-03	0.00E+00	2.78E-03	0.00E+00	0.00E+00	4.23E-03	0.00E+00	0.00E+00	4.27E-03
1123	ALL		485375	3717625	NonCancer	0.00E+00	1.40E-05	3.88E-03	0.00E+00	0.00E+00	3.91E-03	1.65E-03	0.00E+00	2.54E-03	0.00E+00	0.00E+00	3.88E-03	0.00E+00	0.00E+00	3.91E-03
1124	ALL		485425	3717625	NonCancer	0.00E+00	1.35E-05	3.74E-03	0.00E+00	0.00E+00	3.77E-03	1.59E-03	0.00E+00	2.45E-03	0.00E+00	0.00E+00	3.74E-03	0.00E+00	0.00E+00	3.77E-03
1125	ALL		485475	3717625	NonCancer	0.00E+00	1.32E-05	3.64E-03	0.00E+00	0.00E+00	3.67E-03	1.55E-03	0.00E+00	2.39E-03	0.00E+00	0.00E+00	3.64E-03	0.00E+00	0.00E+00	3.67E-03

*HARP - HRACalc v19044 3/19/2020 1:54:44 PM - Acute Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitAcuteHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1126	ALL		482925	3717675	NonCancer	0.00E+00	1.68E-05	4.34E-03	0.00E+00	0.00E+00	4.38E-03	1.97E-03	0.00E+00	3.04E-03	0.00E+00	0.00E+00	4.34E-03	0.00E+00	0.00E+00	4.38E-03
1127	ALL		482975	3717675	NonCancer	0.00E+00	1.79E-05	4.62E-03	0.00E+00	0.00E+00	4.66E-03	2.10E-03	0.00E+00	3.24E-03	0.00E+00	0.00E+00	4.62E-03	0.00E+00	0.00E+00	4.66E-03
1128	ALL		483025	3717675	NonCancer	0.00E+00	1.89E-05	4.90E-03	0.00E+00	0.00E+00	4.94E-03	2.23E-03	0.00E+00	3.43E-03	0.00E+00	0.00E+00	4.90E-03	0.00E+00	0.00E+00	4.94E-03
1129	ALL		483075	3717675	NonCancer	0.00E+00	1.99E-05	5.18E-03	0.00E+00	0.00E+00	5.22E-03	2.34E-03	0.00E+00	3.61E-03	0.00E+00	0.00E+00	5.18E-03	0.00E+00	0.00E+00	5.22E-03
1130	ALL		483125	3717675	NonCancer	0.00E+00	2.09E-05	5.48E-03	0.00E+00	0.00E+00	5.52E-03	2.46E-03	0.00E+00	3.80E-03	0.00E+00	0.00E+00	5.48E-03	0.00E+00	0.00E+00	5.52E-03
1131	ALL		483175	3717675	NonCancer	0.00E+00	2.23E-05	5.87E-03	0.00E+00	0.00E+00	5.92E-03	2.62E-03	0.00E+00	4.04E-03	0.00E+00	0.00E+00	5.87E-03	0.00E+00	0.00E+00	5.92E-03
1132	ALL		483225	3717675	NonCancer	0.00E+00	2.41E-05	6.38E-03	0.00E+00	0.00E+00	6.43E-03	2.84E-03	0.00E+00	4.38E-03	0.00E+00	0.00E+00	6.38E-03	0.00E+00	0.00E+00	6.43E-03
1133	ALL		483275	3717675	NonCancer	0.00E+00	2.58E-05	6.84E-03	0.00E+00	0.00E+00	6.90E-03	3.04E-03	0.00E+00	4.68E-03	0.00E+00	0.00E+00	6.84E-03	0.00E+00	0.00E+00	6.90E-03
1134	ALL		483325	3717675	NonCancer	0.00E+00	2.80E-05	7.43E-03	0.00E+00	0.00E+00	7.50E-03	3.29E-03	0.00E+00	5.08E-03	0.00E+00	0.00E+00	7.43E-03	0.00E+00	0.00E+00	7.50E-03
1135	ALL		483375	3717675	NonCancer	0.00E+00	2.95E-05	7.89E-03	0.00E+00	0.00E+00	7.96E-03	3.48E-03	0.00E+00	5.36E-03	0.00E+00	0.00E+00	7.89E-03	0.00E+00	0.00E+00	7.96E-03
1136	ALL		483425	3717675	NonCancer	0.00E+00	3.19E-05	8.52E-03	0.00E+00	0.00E+00	8.59E-03	3.76E-03	0.00E+00	5.79E-03	0.00E+00	0.00E+00	8.52E-03	0.00E+00	0.00E+00	8.59E-03
1137	ALL		483475	3717675	NonCancer	0.00E+00	3.47E-05	9.24E-03	0.00E+00	0.00E+00	9.32E-03	4.08E-03	0.00E+00	6.29E-03	0.00E+00	0.00E+00	9.24E-03	0.00E+00	0.00E+00	9.32E-03
1138	ALL		483525	3717675	NonCancer	0.00E+00	3.78E-05	1.00E-02	0.00E+00	0.00E+00	1.01E-02	4.46E-03	0.00E+00	6.87E-03	0.00E+00	0.00E+00	1.00E-02	0.00E+00	0.00E+00	1.01E-02
1139	ALL		483575	3717675	NonCancer	0.00E+00	4.23E-05	1.12E-02	0.00E+00	0.00E+00	1.12E-02	4.98E-03	0.00E+00	7.68E-03	0.00E+00	0.00E+00	1.12E-02	0.00E+00	0.00E+00	1.12E-02
1140	ALL		483625	3717675	NonCancer	0.00E+00	4.81E-05	1.27E-02	0.00E+00	0.00E+00	1.28E-02	5.66E-03	0.00E+00	8.72E-03	0.00E+00	0.00E+00	1.27E-02	0.00E+00	0.00E+00	1.28E-02
1141	ALL		483675	3717675	NonCancer	0.00E+00	5.54E-05	1.46E-02	0.00E+00	0.00E+00	1.47E-02	6.53E-03	0.00E+00	1.01E-02	0.00E+00	0.00E+00	1.46E-02	0.00E+00	0.00E+00	1.47E-02
1142	ALL		483725	3717675	NonCancer	0.00E+00	6.47E-05	1.73E-02	0.00E+00	0.00E+00	1.74E-02	7.62E-03	0.00E+00	1.17E-02	0.00E+00	0.00E+00	1.73E-02	0.00E+00	0.00E+00	1.74E-02
1143	ALL		483775	3717675	NonCancer	0.00E+00	8.80E-05	2.33E-02	0.00E+00	0.00E+00	2.36E-02	1.04E-02	0.00E+00	1.60E-02	0.00E+00	0.00E+00	2.33E-02	0.00E+00	0.00E+00	2.36E-02
1144	ALL		483825	3717675	NonCancer	0.00E+00	1.61E-04	4.11E-02	0.00E+00	0.00E+00	4.15E-02	1.90E-02	0.00E+00	2.93E-02	0.00E+00	0.00E+00	4.11E-02	0.00E+00	0.00E+00	4.15E-02
1145	ALL		484525	3717675	NonCancer	0.00E+00	1.14E-04	3.43E-02	0.00E+00	0.00E+00	3.45E-02	1.34E-02	0.00E+00	2.07E-02	0.00E+00	0.00E+00	3.43E-02	0.00E+00	0.00E+00	3.45E-02
1146	ALL		484575	3717675	NonCancer	0.00E+00	9.16E-05	2.60E-02	0.00E+00	0.00E+00	2.62E-02	1.08E-02	0.00E+00	1.66E-02	0.00E+00	0.00E+00	2.60E-02	0.00E+00	0.00E+00	2.62E-02
1147	ALL		484625	3717675	NonCancer	0.00E+00	7.42E-05	2.15E-02	0.00E+00	0.00E+00	2.17E-02	8.74E-03	0.00E+00	1.35E-02	0.00E+00	0.00E+00	2.15E-02	0.00E+00	0.00E+00	2.17E-02
1148	ALL		484675	3717675	NonCancer	0.00E+00	5.95E-05	1.78E-02	0.00E+00	0.00E+00	1.80E-02	7.01E-03	0.00E+00	1.08E-02	0.00E+00	0.00E+00	1.78E-02	0.00E+00	0.00E+00	1.80E-02
1149	ALL		484725	3717675	NonCancer	0.00E+00	4.94E-05	1.46E-02	0.00E+00	0.00E+00	1.47E-02	5.82E-03	0.00E+00	8.97E-03	0.00E+00	0.00E+00	1.46E-02	0.00E+00	0.00E+00	1.47E-02
1150	ALL		484775	3717675	NonCancer	0.00E+00	4.34E-05	1.26E-02	0.00E+00	0.00E+00	1.27E-02	5.11E-03	0.00E+00	7.88E-03	0.00E+00	0.00E+00	1.26E-02	0.00E+00	0.00E+00	1.27E-02
1151	ALL		484825	3717675	NonCancer	0.00E+00	3.91E-05	1.13E-02	0.00E+00	0.00E+00	1.13E-02	4.61E-03	0.00E+00	7.10E-03	0.00E+00	0.00E+00	1.13E-02	0.00E+00	0.00E+00	1.13E-02
1152	ALL		484875	3717675	NonCancer	0.00E+00	3.25E-05	9.28E-03	0.00E+00	0.00E+00	9.35E-03	3.83E-03	0.00E+00	5.90E-03	0.00E+00	0.00E+00	9.28E-03	0.00E+00	0.00E+00	9.35E-03
1153	ALL		484925	3717675	NonCancer	0.00E+00	2.88E-05	8.16E-03	0.00E+00	0.00E+00	8.23E-03	3.39E-03	0.00E+00	5.22E-03	0.00E+00	0.00E+00	8.16E-03	0.00E+00	0.00E+00	8.23E-03
1154	ALL		484975	3717675	NonCancer	0.00E+00	2.56E-05	7.19E-03	0.00E+00	0.00E+00	7.25E-03	3.01E-03	0.00E+00	4.64E-03	0.00E+00	0.00E+00	7.19E-03	0.00E+00	0.00E+00	7.25E-03
1155	ALL		485025	3717675	NonCancer	0.00E+00	2.38E-05	6.64E-03	0.00E+00	0.00E+00	6.69E-03	2.80E-03	0.00E+00	4.31E-03	0.00E+00	0.00E+00	6.64E-03	0.00E+00	0.00E+00	6.69E-03
1156	ALL		485075	3717675	NonCancer	0.00E+00	2.24E-05	6.23E-03	0.00E+00	0.00E+00	6.28E-03	2.63E-03	0.00E+00	4.06E-03	0.00E+00	0.00E+00	6.23E-03	0.00E+00	0.00E+00	6.28E-03
1157	ALL		485125	3717675	NonCancer	0.00E+00	2.10E-05	5.84E-03	0.00E+00	0.00E+00	5.89E-03	2.48E-03	0.00E+00	3.82E-03	0.00E+00	0.00E+00	5.84E-03	0.00E+00	0.00E+00	5.89E-03
1158	ALL		485175	3717675	NonCancer	0.00E+00	1.95E-05	5.41E-03	0.00E+00	0.00E+00	5.46E-03	2.30E-03	0.00E+00	3.55E-03	0.00E+00	0.00E+00	5.41E-03	0.00E+00	0.00E+00	5.46E-03
1159	ALL		485225	3717675	NonCancer	0.00E+00	1.81E-05	5.01E-03	0.00E+00	0.00E+00	5.05E-03	2.13E-03	0.00E+00	3.28E-03	0.00E+00	0.00E+00	5.01E-03	0.00E+00	0.00E+00	5.05E-03
1160	ALL		485275	3717675	NonCancer	0.00E+00	1.65E-05	4.58E-03	0.00E+00	0.00E+00	4.62E-03	1.95E-03	0.00E+00	3.00E-03	0.00E+00	0.00E+00	4.58E-03	0.00E+00	0.00E+00	4.62E-03
1161	ALL		485325	3717675	NonCancer	0.00E+00	1.54E-05	4.28E-03	0.00E+00	0.00E+00	4.31E-03	1.82E-03	0.00E+00	2.80E-03	0.00E+00	0.00E+00	4.28E-03	0.00E+00	0.00E+00	4.31E-03
1162	ALL		485375	3717675	NonCancer	0.00E+00	1.43E-05	3.96E-03	0.00E+00	0.00E+00	4.00E-03	1.68E-03	0.00E+00	2.59E-03	0.00E+00	0.00E+00	3.96E-03	0.00E+00	0.00E+00	4.00E-03
1163	ALL		485425	3717675	NonCancer	0.00E+00	1.33E-05	3.70E-03	0.00E+00	0.00E+00	3.73E-03	1.57E-03	0.00E+00	2.41E-03	0.00E+00	0.00E+00	3.70E-03	0.00E+00	0.00E+00	3.73E-03
1164	ALL		485475	3717675	NonCancer	0.00E+00	1.26E-05	3.51E-03	0.00E+00	0.00E+00	3.54E-03	1.49E-03	0.00E+00	2.29E-03	0.00E+00	0.00E+00	3.51E-03	0.00E+00	0.00E+00	3.54E-03
1165	ALL		482925	3717725	NonCancer	0.00E+00	1.72E-05	4.47E-03	0.00E+00	0.00E+00	4.51E-03	2.03E-03	0.00E+00	3.12E-03	0.00E+00	0.00E+00	4.47E-03	0.00E+00	0.00E+00	4.51E-03
1166	ALL		482975	3717725	NonCancer	0.00E+00	1.84E-05	4.77E-03	0.00E+00	0.00E+00	4.82E-03	2.17E-03	0.00E+00	3.34E-03	0.00E+00	0.00E+00	4.77E-03	0.00E+00	0.00E+00	4.82E-03
1167	ALL		483025	3717725	NonCancer	0.00E+00	2.02E-05	5.22E-03	0.00E+00	0.00E+00	5.27E-03	2.38E-03	0.00E+00	3.66E-03	0.00E+00	0.00E+00	5.22E-03	0.00E+00	0.00E+00	5.27E-03
1168	ALL		483075	3717725	NonCancer	0.00E+00	2.05E-05	5.30E-03	0.00E+00	0.00E+00	5.35E-03	2.41E-03	0.00E+00	3.72E-03	0.00E+00	0.00E+00	5.30E-03	0.00E+00	0.00E+00	5.35E-03
1169	ALL		483125	3717725	NonCancer	0.00E+00	2.16E-05	5.57E-03	0.00E+00	0.00E+00	5.62E-03	2.54E-03	0.00E+00	3.91E-03	0.00E+00	0.00E+00	5.57E-03	0.00E+00	0.00E+00	5.62E-03
1170	ALL		483175	3717725	NonCancer	0.00E+00	2.28E-05	5.89E-03	0.00E+00	0.00E+00	5.95E-03	2.69E-03	0.00E+00	4.15E-03	0.00E+00	0.00E+00	5.89E-03	0.00E+00	0.00E+00	5.95E-03

*HARP - HRACalc v19044 3/19/2020 1:54:44 PM - Acute Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitAcuteHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1171	ALL		483225	3717725	NonCancer	0.00E+00	2.48E-05	6.41E-03	0.00E+00	0.00E+00	6.47E-03	2.92E-03	0.00E+00	4.51E-03	0.00E+00	0.00E+00	6.41E-03	0.00E+00	0.00E+00	6.47E-03
1172	ALL		483275	3717725	NonCancer	0.00E+00	2.70E-05	6.98E-03	0.00E+00	0.00E+00	7.05E-03	3.18E-03	0.00E+00	4.90E-03	0.00E+00	0.00E+00	6.98E-03	0.00E+00	0.00E+00	7.05E-03
1173	ALL		483325	3717725	NonCancer	0.00E+00	2.89E-05	7.52E-03	0.00E+00	0.00E+00	7.59E-03	3.40E-03	0.00E+00	5.24E-03	0.00E+00	0.00E+00	7.52E-03	0.00E+00	0.00E+00	7.59E-03
1174	ALL		483375	3717725	NonCancer	0.00E+00	3.06E-05	8.05E-03	0.00E+00	0.00E+00	8.12E-03	3.61E-03	0.00E+00	5.56E-03	0.00E+00	0.00E+00	8.05E-03	0.00E+00	0.00E+00	8.12E-03
1175	ALL		483425	3717725	NonCancer	0.00E+00	3.28E-05	8.69E-03	0.00E+00	0.00E+00	8.76E-03	3.86E-03	0.00E+00	5.95E-03	0.00E+00	0.00E+00	8.69E-03	0.00E+00	0.00E+00	8.76E-03
1176	ALL		483475	3717725	NonCancer	0.00E+00	3.52E-05	9.41E-03	0.00E+00	0.00E+00	9.49E-03	4.15E-03	0.00E+00	6.39E-03	0.00E+00	0.00E+00	9.41E-03	0.00E+00	0.00E+00	9.49E-03
1177	ALL		483525	3717725	NonCancer	0.00E+00	3.79E-05	1.02E-02	0.00E+00	0.00E+00	1.03E-02	4.47E-03	0.00E+00	6.89E-03	0.00E+00	0.00E+00	1.02E-02	0.00E+00	0.00E+00	1.03E-02
1178	ALL		483575	3717725	NonCancer	0.00E+00	4.20E-05	1.14E-02	0.00E+00	0.00E+00	1.14E-02	4.95E-03	0.00E+00	7.63E-03	0.00E+00	0.00E+00	1.14E-02	0.00E+00	0.00E+00	1.14E-02
1179	ALL		483625	3717725	NonCancer	0.00E+00	4.66E-05	1.26E-02	0.00E+00	0.00E+00	1.27E-02	5.48E-03	0.00E+00	8.45E-03	0.00E+00	0.00E+00	1.26E-02	0.00E+00	0.00E+00	1.27E-02
1180	ALL		483675	3717725	NonCancer	0.00E+00	5.19E-05	1.40E-02	0.00E+00	0.00E+00	1.41E-02	6.11E-03	0.00E+00	9.42E-03	0.00E+00	0.00E+00	1.40E-02	0.00E+00	0.00E+00	1.41E-02
1181	ALL		483725	3717725	NonCancer	0.00E+00	5.81E-05	1.56E-02	0.00E+00	0.00E+00	1.58E-02	6.84E-03	0.00E+00	1.06E-02	0.00E+00	0.00E+00	1.56E-02	0.00E+00	0.00E+00	1.58E-02
1182	ALL		483775	3717725	NonCancer	0.00E+00	6.89E-05	1.83E-02	0.00E+00	0.00E+00	1.85E-02	8.12E-03	0.00E+00	1.25E-02	0.00E+00	0.00E+00	1.83E-02	0.00E+00	0.00E+00	1.85E-02
1183	ALL		483825	3717725	NonCancer	0.00E+00	1.09E-04	2.82E-02	0.00E+00	0.00E+00	2.85E-02	1.28E-02	0.00E+00	1.97E-02	0.00E+00	0.00E+00	2.82E-02	0.00E+00	0.00E+00	2.85E-02
1184	ALL		484525	3717725	NonCancer	0.00E+00	1.21E-04	3.46E-02	0.00E+00	0.00E+00	3.49E-02	1.42E-02	0.00E+00	2.19E-02	0.00E+00	0.00E+00	3.46E-02	0.00E+00	0.00E+00	3.49E-02
1185	ALL		484575	3717725	NonCancer	0.00E+00	9.17E-05	2.75E-02	0.00E+00	0.00E+00	2.77E-02	1.08E-02	0.00E+00	1.67E-02	0.00E+00	0.00E+00	2.75E-02	0.00E+00	0.00E+00	2.77E-02
1186	ALL		484625	3717725	NonCancer	0.00E+00	7.10E-05	2.12E-02	0.00E+00	0.00E+00	2.13E-02	8.36E-03	0.00E+00	1.29E-02	0.00E+00	0.00E+00	2.12E-02	0.00E+00	0.00E+00	2.13E-02
1187	ALL		484675	3717725	NonCancer	0.00E+00	5.80E-05	1.72E-02	0.00E+00	0.00E+00	1.73E-02	6.83E-03	0.00E+00	1.05E-02	0.00E+00	0.00E+00	1.72E-02	0.00E+00	0.00E+00	1.73E-02
1188	ALL		484725	3717725	NonCancer	0.00E+00	4.91E-05	1.44E-02	0.00E+00	0.00E+00	1.45E-02	5.78E-03	0.00E+00	8.90E-03	0.00E+00	0.00E+00	1.44E-02	0.00E+00	0.00E+00	1.45E-02
1189	ALL		484775	3717725	NonCancer	0.00E+00	4.17E-05	1.20E-02	0.00E+00	0.00E+00	1.21E-02	4.92E-03	0.00E+00	7.58E-03	0.00E+00	0.00E+00	1.20E-02	0.00E+00	0.00E+00	1.21E-02
1190	ALL		484825	3717725	NonCancer	0.00E+00	3.70E-05	1.05E-02	0.00E+00	0.00E+00	1.06E-02	4.35E-03	0.00E+00	6.71E-03	0.00E+00	0.00E+00	1.05E-02	0.00E+00	0.00E+00	1.06E-02
1191	ALL		484875	3717725	NonCancer	0.00E+00	3.25E-05	9.13E-03	0.00E+00	0.00E+00	9.20E-03	3.83E-03	0.00E+00	5.90E-03	0.00E+00	0.00E+00	9.13E-03	0.00E+00	0.00E+00	9.20E-03
1192	ALL		484925	3717725	NonCancer	0.00E+00	2.90E-05	8.11E-03	0.00E+00	0.00E+00	8.18E-03	3.41E-03	0.00E+00	5.26E-03	0.00E+00	0.00E+00	8.11E-03	0.00E+00	0.00E+00	8.18E-03
1193	ALL		484975	3717725	NonCancer	0.00E+00	2.58E-05	7.23E-03	0.00E+00	0.00E+00	7.29E-03	3.04E-03	0.00E+00	4.69E-03	0.00E+00	0.00E+00	7.23E-03	0.00E+00	0.00E+00	7.29E-03
1194	ALL		485025	3717725	NonCancer	0.00E+00	2.37E-05	6.63E-03	0.00E+00	0.00E+00	6.68E-03	2.79E-03	0.00E+00	4.30E-03	0.00E+00	0.00E+00	6.63E-03	0.00E+00	0.00E+00	6.68E-03
1195	ALL		485075	3717725	NonCancer	0.00E+00	2.21E-05	6.16E-03	0.00E+00	0.00E+00	6.21E-03	2.60E-03	0.00E+00	4.00E-03	0.00E+00	0.00E+00	6.16E-03	0.00E+00	0.00E+00	6.21E-03
1196	ALL		485125	3717725	NonCancer	0.00E+00	2.06E-05	5.76E-03	0.00E+00	0.00E+00	5.80E-03	2.43E-03	0.00E+00	3.75E-03	0.00E+00	0.00E+00	5.76E-03	0.00E+00	0.00E+00	5.80E-03
1197	ALL		485175	3717725	NonCancer	0.00E+00	1.96E-05	5.46E-03	0.00E+00	0.00E+00	5.50E-03	2.31E-03	0.00E+00	3.56E-03	0.00E+00	0.00E+00	5.46E-03	0.00E+00	0.00E+00	5.50E-03
1198	ALL		485225	3717725	NonCancer	0.00E+00	1.83E-05	5.09E-03	0.00E+00	0.00E+00	5.13E-03	2.15E-03	0.00E+00	3.32E-03	0.00E+00	0.00E+00	5.09E-03	0.00E+00	0.00E+00	5.13E-03
1199	ALL		485275	3717725	NonCancer	0.00E+00	1.67E-05	4.65E-03	0.00E+00	0.00E+00	4.69E-03	1.97E-03	0.00E+00	3.03E-03	0.00E+00	0.00E+00	4.65E-03	0.00E+00	0.00E+00	4.69E-03
1200	ALL		485325	3717725	NonCancer	0.00E+00	1.54E-05	4.28E-03	0.00E+00	0.00E+00	4.32E-03	1.81E-03	0.00E+00	2.80E-03	0.00E+00	0.00E+00	4.28E-03	0.00E+00	0.00E+00	4.32E-03
1201	ALL		485375	3717725	NonCancer	0.00E+00	1.44E-05	3.99E-03	0.00E+00	0.00E+00	4.02E-03	1.69E-03	0.00E+00	2.61E-03	0.00E+00	0.00E+00	3.99E-03	0.00E+00	0.00E+00	4.02E-03
1202	ALL		485425	3717725	NonCancer	0.00E+00	1.32E-05	3.66E-03	0.00E+00	0.00E+00	3.69E-03	1.55E-03	0.00E+00	2.39E-03	0.00E+00	0.00E+00	3.66E-03	0.00E+00	0.00E+00	3.69E-03
1203	ALL		485475	3717725	NonCancer	0.00E+00	1.25E-05	3.47E-03	0.00E+00	0.00E+00	3.50E-03	1.47E-03	0.00E+00	2.27E-03	0.00E+00	0.00E+00	3.47E-03	0.00E+00	0.00E+00	3.50E-03
1204	ALL		482925	3717775	NonCancer	0.00E+00	1.76E-05	4.66E-03	0.00E+00	0.00E+00	4.70E-03	2.08E-03	0.00E+00	3.20E-03	0.00E+00	0.00E+00	4.66E-03	0.00E+00	0.00E+00	4.70E-03
1205	ALL		482975	3717775	NonCancer	0.00E+00	1.87E-05	4.94E-03	0.00E+00	0.00E+00	4.98E-03	2.20E-03	0.00E+00	3.40E-03	0.00E+00	0.00E+00	4.94E-03	0.00E+00	0.00E+00	4.98E-03
1206	ALL		483025	3717775	NonCancer	0.00E+00	1.99E-05	5.24E-03	0.00E+00	0.00E+00	5.29E-03	2.34E-03	0.00E+00	3.61E-03	0.00E+00	0.00E+00	5.24E-03	0.00E+00	0.00E+00	5.29E-03
1207	ALL		483075	3717775	NonCancer	0.00E+00	2.08E-05	5.46E-03	0.00E+00	0.00E+00	5.51E-03	2.45E-03	0.00E+00	3.78E-03	0.00E+00	0.00E+00	5.46E-03	0.00E+00	0.00E+00	5.51E-03
1208	ALL		483125	3717775	NonCancer	0.00E+00	2.21E-05	5.79E-03	0.00E+00	0.00E+00	5.84E-03	2.60E-03	0.00E+00	4.01E-03	0.00E+00	0.00E+00	5.79E-03	0.00E+00	0.00E+00	5.84E-03
1209	ALL		483175	3717775	NonCancer	0.00E+00	2.35E-05	6.14E-03	0.00E+00	0.00E+00	6.19E-03	2.76E-03	0.00E+00	4.26E-03	0.00E+00	0.00E+00	6.14E-03	0.00E+00	0.00E+00	6.19E-03
1210	ALL		483225	3717775	NonCancer	0.00E+00	2.51E-05	6.56E-03	0.00E+00	0.00E+00	6.62E-03	2.96E-03	0.00E+00	4.56E-03	0.00E+00	0.00E+00	6.56E-03	0.00E+00	0.00E+00	6.62E-03
1211	ALL		483275	3717775	NonCancer	0.00E+00	2.69E-05	7.01E-03	0.00E+00	0.00E+00	7.07E-03	3.16E-03	0.00E+00	4.88E-03	0.00E+00	0.00E+00	7.01E-03	0.00E+00	0.00E+00	7.07E-03
1212	ALL		483325	3717775	NonCancer	0.00E+00	2.88E-05	7.49E-03	0.00E+00	0.00E+00	7.56E-03	3.39E-03	0.00E+00	5.22E-03	0.00E+00	0.00E+00	7.49E-03	0.00E+00	0.00E+00	7.56E-03
1213	ALL		483375	3717775	NonCancer	0.00E+00	3.08E-05	8.01E-03	0.00E+00	0.00E+00	8.08E-03	3.63E-03	0.00E+00	5.60E-03	0.00E+00	0.00E+00	8.01E-03	0.00E+00	0.00E+00	8.08E-03
1214	ALL		483425	3717775	NonCancer	0.00E+00	3.30E-05	8.57E-03	0.00E+00	0.00E+00	8.65E-03	3.89E-03	0.00E+00	6.00E-03	0.00E+00	0.00E+00	8.57E-03	0.00E+00	0.00E+00	8.65E-03
1215	ALL		483475	3717775	NonCancer	0.00E+00	3.55E-05	9.21E-03	0.00E+00	0.00E+00	9.29E-03	4.18E-03	0.00E+00	6.44E-03	0.00E+00	0.00E+00	9.21E-03	0.00E+00	0.00E+00	9.29E-03

*HARP - HRACalc v19044 3/19/2020 1:54:44 PM - Acute Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitAcuteHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1216	ALL		483525	3717775	NonCancer	0.00E+00	3.82E-05	1.00E-02	0.00E+00	0.00E+00	1.01E-02	4.49E-03	0.00E+00	6.93E-03	0.00E+00	0.00E+00	1.00E-02	0.00E+00	0.00E+00	1.01E-02
1217	ALL		483575	3717775	NonCancer	0.00E+00	4.14E-05	1.10E-02	0.00E+00	0.00E+00	1.11E-02	4.88E-03	0.00E+00	7.52E-03	0.00E+00	0.00E+00	1.10E-02	0.00E+00	0.00E+00	1.11E-02
1218	ALL		483625	3717775	NonCancer	0.00E+00	4.57E-05	1.23E-02	0.00E+00	0.00E+00	1.24E-02	5.38E-03	0.00E+00	8.29E-03	0.00E+00	0.00E+00	1.23E-02	0.00E+00	0.00E+00	1.24E-02
1219	ALL		483675	3717775	NonCancer	0.00E+00	5.01E-05	1.36E-02	0.00E+00	0.00E+00	1.38E-02	5.90E-03	0.00E+00	9.10E-03	0.00E+00	0.00E+00	1.36E-02	0.00E+00	0.00E+00	1.38E-02
1220	ALL		483725	3717775	NonCancer	0.00E+00	5.62E-05	1.55E-02	0.00E+00	0.00E+00	1.56E-02	6.62E-03	0.00E+00	1.02E-02	0.00E+00	0.00E+00	1.55E-02	0.00E+00	0.00E+00	1.56E-02
1221	ALL		483775	3717775	NonCancer	0.00E+00	6.33E-05	1.76E-02	0.00E+00	0.00E+00	1.78E-02	7.45E-03	0.00E+00	1.15E-02	0.00E+00	0.00E+00	1.76E-02	0.00E+00	0.00E+00	1.78E-02
1222	ALL		483825	3717775	NonCancer	0.00E+00	7.99E-05	2.21E-02	0.00E+00	0.00E+00	2.22E-02	9.41E-03	0.00E+00	1.45E-02	0.00E+00	0.00E+00	2.21E-02	0.00E+00	0.00E+00	2.22E-02
1223	ALL		483875	3717775	NonCancer	0.00E+00	1.38E-04	3.62E-02	0.00E+00	0.00E+00	3.65E-02	1.63E-02	0.00E+00	2.51E-02	0.00E+00	0.00E+00	3.62E-02	0.00E+00	0.00E+00	3.65E-02
1224	ALL		484525	3717775	NonCancer	0.00E+00	1.13E-04	3.42E-02	0.00E+00	0.00E+00	3.45E-02	1.33E-02	0.00E+00	2.05E-02	0.00E+00	0.00E+00	3.42E-02	0.00E+00	0.00E+00	3.45E-02
1225	ALL		484575	3717775	NonCancer	0.00E+00	8.54E-05	2.58E-02	0.00E+00	0.00E+00	2.60E-02	1.01E-02	0.00E+00	1.55E-02	0.00E+00	0.00E+00	2.58E-02	0.00E+00	0.00E+00	2.60E-02
1226	ALL		484625	3717775	NonCancer	0.00E+00	6.58E-05	1.95E-02	0.00E+00	0.00E+00	1.96E-02	7.75E-03	0.00E+00	1.19E-02	0.00E+00	0.00E+00	1.95E-02	0.00E+00	0.00E+00	1.96E-02
1227	ALL		484675	3717775	NonCancer	0.00E+00	5.42E-05	1.57E-02	0.00E+00	0.00E+00	1.58E-02	6.39E-03	0.00E+00	9.84E-03	0.00E+00	0.00E+00	1.57E-02	0.00E+00	0.00E+00	1.58E-02
1228	ALL		484725	3717775	NonCancer	0.00E+00	4.74E-05	1.37E-02	0.00E+00	0.00E+00	1.38E-02	5.58E-03	0.00E+00	8.60E-03	0.00E+00	0.00E+00	1.37E-02	0.00E+00	0.00E+00	1.38E-02
1229	ALL		484775	3717775	NonCancer	0.00E+00	4.18E-05	1.21E-02	0.00E+00	0.00E+00	1.22E-02	4.93E-03	0.00E+00	7.60E-03	0.00E+00	0.00E+00	1.21E-02	0.00E+00	0.00E+00	1.22E-02
1230	ALL		484825	3717775	NonCancer	0.00E+00	3.67E-05	1.06E-02	0.00E+00	0.00E+00	1.07E-02	4.32E-03	0.00E+00	6.67E-03	0.00E+00	0.00E+00	1.06E-02	0.00E+00	0.00E+00	1.07E-02
1231	ALL		484875	3717775	NonCancer	0.00E+00	3.28E-05	9.38E-03	0.00E+00	0.00E+00	9.45E-03	3.86E-03	0.00E+00	5.95E-03	0.00E+00	0.00E+00	9.38E-03	0.00E+00	0.00E+00	9.45E-03
1232	ALL		484925	3717775	NonCancer	0.00E+00	2.96E-05	8.41E-03	0.00E+00	0.00E+00	8.48E-03	3.48E-03	0.00E+00	5.37E-03	0.00E+00	0.00E+00	8.41E-03	0.00E+00	0.00E+00	8.48E-03
1233	ALL		484975	3717775	NonCancer	0.00E+00	2.67E-05	7.56E-03	0.00E+00	0.00E+00	7.62E-03	3.15E-03	0.00E+00	4.85E-03	0.00E+00	0.00E+00	7.56E-03	0.00E+00	0.00E+00	7.62E-03
1234	ALL		485025	3717775	NonCancer	0.00E+00	2.41E-05	6.77E-03	0.00E+00	0.00E+00	6.82E-03	2.84E-03	0.00E+00	4.38E-03	0.00E+00	0.00E+00	6.77E-03	0.00E+00	0.00E+00	6.82E-03
1235	ALL		485075	3717775	NonCancer	0.00E+00	2.20E-05	6.13E-03	0.00E+00	0.00E+00	6.18E-03	2.59E-03	0.00E+00	3.99E-03	0.00E+00	0.00E+00	6.13E-03	0.00E+00	0.00E+00	6.18E-03
1236	ALL		485125	3717775	NonCancer	0.00E+00	2.06E-05	5.75E-03	0.00E+00	0.00E+00	5.79E-03	2.43E-03	0.00E+00	3.75E-03	0.00E+00	0.00E+00	5.75E-03	0.00E+00	0.00E+00	5.79E-03
1237	ALL		485175	3717775	NonCancer	0.00E+00	1.94E-05	5.41E-03	0.00E+00	0.00E+00	5.45E-03	2.29E-03	0.00E+00	3.53E-03	0.00E+00	0.00E+00	5.41E-03	0.00E+00	0.00E+00	5.45E-03
1238	ALL		485225	3717775	NonCancer	0.00E+00	1.81E-05	5.03E-03	0.00E+00	0.00E+00	5.08E-03	2.13E-03	0.00E+00	3.29E-03	0.00E+00	0.00E+00	5.03E-03	0.00E+00	0.00E+00	5.08E-03
1239	ALL		485275	3717775	NonCancer	0.00E+00	1.69E-05	4.70E-03	0.00E+00	0.00E+00	4.73E-03	1.99E-03	0.00E+00	3.07E-03	0.00E+00	0.00E+00	4.70E-03	0.00E+00	0.00E+00	4.73E-03
1240	ALL		485325	3717775	NonCancer	0.00E+00	1.56E-05	4.32E-03	0.00E+00	0.00E+00	4.36E-03	1.83E-03	0.00E+00	2.82E-03	0.00E+00	0.00E+00	4.32E-03	0.00E+00	0.00E+00	4.36E-03
1241	ALL		485375	3717775	NonCancer	0.00E+00	1.44E-05	4.01E-03	0.00E+00	0.00E+00	4.05E-03	1.70E-03	0.00E+00	2.62E-03	0.00E+00	0.00E+00	4.01E-03	0.00E+00	0.00E+00	4.05E-03
1242	ALL		485425	3717775	NonCancer	0.00E+00	1.34E-05	3.72E-03	0.00E+00	0.00E+00	3.75E-03	1.57E-03	0.00E+00	2.43E-03	0.00E+00	0.00E+00	3.72E-03	0.00E+00	0.00E+00	3.75E-03
1243	ALL		485475	3717775	NonCancer	0.00E+00	1.27E-05	3.53E-03	0.00E+00	0.00E+00	3.56E-03	1.50E-03	0.00E+00	2.30E-03	0.00E+00	0.00E+00	3.53E-03	0.00E+00	0.00E+00	3.56E-03
1244	ALL		482925	3717825	NonCancer	0.00E+00	1.82E-05	4.86E-03	0.00E+00	0.00E+00	4.90E-03	2.15E-03	0.00E+00	3.31E-03	0.00E+00	0.00E+00	4.86E-03	0.00E+00	0.00E+00	4.90E-03
1245	ALL		482975	3717825	NonCancer	0.00E+00	1.89E-05	5.05E-03	0.00E+00	0.00E+00	5.09E-03	2.22E-03	0.00E+00	3.43E-03	0.00E+00	0.00E+00	5.05E-03	0.00E+00	0.00E+00	5.09E-03
1246	ALL		483025	3717825	NonCancer	0.00E+00	1.96E-05	5.23E-03	0.00E+00	0.00E+00	5.28E-03	2.31E-03	0.00E+00	3.56E-03	0.00E+00	0.00E+00	5.23E-03	0.00E+00	0.00E+00	5.28E-03
1247	ALL		483075	3717825	NonCancer	0.00E+00	2.06E-05	5.48E-03	0.00E+00	0.00E+00	5.53E-03	2.42E-03	0.00E+00	3.73E-03	0.00E+00	0.00E+00	5.48E-03	0.00E+00	0.00E+00	5.53E-03
1248	ALL		483125	3717825	NonCancer	0.00E+00	2.20E-05	5.87E-03	0.00E+00	0.00E+00	5.92E-03	2.59E-03	0.00E+00	4.00E-03	0.00E+00	0.00E+00	5.87E-03	0.00E+00	0.00E+00	5.92E-03
1249	ALL		483175	3717825	NonCancer	0.00E+00	2.33E-05	6.20E-03	0.00E+00	0.00E+00	6.25E-03	2.74E-03	0.00E+00	4.23E-03	0.00E+00	0.00E+00	6.20E-03	0.00E+00	0.00E+00	6.25E-03
1250	ALL		483225	3717825	NonCancer	0.00E+00	2.47E-05	6.57E-03	0.00E+00	0.00E+00	6.63E-03	2.91E-03	0.00E+00	4.48E-03	0.00E+00	0.00E+00	6.57E-03	0.00E+00	0.00E+00	6.63E-03
1251	ALL		483275	3717825	NonCancer	0.00E+00	2.65E-05	7.04E-03	0.00E+00	0.00E+00	7.10E-03	3.12E-03	0.00E+00	4.80E-03	0.00E+00	0.00E+00	7.04E-03	0.00E+00	0.00E+00	7.10E-03
1252	ALL		483325	3717825	NonCancer	0.00E+00	2.82E-05	7.51E-03	0.00E+00	0.00E+00	7.58E-03	3.33E-03	0.00E+00	5.13E-03	0.00E+00	0.00E+00	7.51E-03	0.00E+00	0.00E+00	7.58E-03
1253	ALL		483375	3717825	NonCancer	0.00E+00	3.03E-05	8.05E-03	0.00E+00	0.00E+00	8.12E-03	3.57E-03	0.00E+00	5.50E-03	0.00E+00	0.00E+00	8.05E-03	0.00E+00	0.00E+00	8.12E-03
1254	ALL		483425	3717825	NonCancer	0.00E+00	3.23E-05	8.60E-03	0.00E+00	0.00E+00	8.67E-03	3.81E-03	0.00E+00	5.87E-03	0.00E+00	0.00E+00	8.60E-03	0.00E+00	0.00E+00	8.67E-03
1255	ALL		483475	3717825	NonCancer	0.00E+00	3.46E-05	9.20E-03	0.00E+00	0.00E+00	9.28E-03	4.08E-03	0.00E+00	6.28E-03	0.00E+00	0.00E+00	9.20E-03	0.00E+00	0.00E+00	9.28E-03
1256	ALL		483525	3717825	NonCancer	0.00E+00	3.73E-05	9.92E-03	0.00E+00	0.00E+00	1.00E-02	4.39E-03	0.00E+00	6.77E-03	0.00E+00	0.00E+00	9.92E-03	0.00E+00	0.00E+00	1.00E-02
1257	ALL		483575	3717825	NonCancer	0.00E+00	4.02E-05	1.07E-02	0.00E+00	0.00E+00	1.08E-02	4.73E-03	0.00E+00	7.30E-03	0.00E+00	0.00E+00	1.07E-02	0.00E+00	0.00E+00	1.08E-02
1258	ALL		483625	3717825	NonCancer	0.00E+00	4.39E-05	1.17E-02	0.00E+00	0.00E+00	1.18E-02	5.17E-03	0.00E+00	7.97E-03	0.00E+00	0.00E+00	1.17E-02	0.00E+00	0.00E+00	1.18E-02
1259	ALL		483675	3717825	NonCancer	0.00E+00	4.81E-05	1.28E-02	0.00E+00	0.00E+00	1.29E-02	5.67E-03	0.00E+00	8.73E-03	0.00E+00	0.00E+00	1.28E-02	0.00E+00	0.00E+00	1.29E-02
1260	ALL		483725	3717825	NonCancer	0.00E+00	5.33E-05	1.42E-02	0.00E+00	0.00E+00	1.43E-02	6.28E-03	0.00E+00	9.68E-03	0.00E+00	0.00E+00	1.42E-02	0.00E+00	0.00E+00	1.43E-02

*HARP - HRACalc v19044 3/19/2020 1:54:44 PM - Acute Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitAcuteHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1261	ALL		483775	3717825	NonCancer	0.00E+00	5.94E-05	1.61E-02	0.00E+00	0.00E+00	1.62E-02	7.00E-03	0.00E+00	1.08E-02	0.00E+00	0.00E+00	1.61E-02	0.00E+00	0.00E+00	1.62E-02
1262	ALL		483825	3717825	NonCancer	0.00E+00	6.88E-05	1.90E-02	0.00E+00	0.00E+00	1.91E-02	8.10E-03	0.00E+00	1.25E-02	0.00E+00	0.00E+00	1.90E-02	0.00E+00	0.00E+00	1.91E-02
1263	ALL		483875	3717825	NonCancer	0.00E+00	1.00E-04	2.73E-02	0.00E+00	0.00E+00	2.75E-02	1.18E-02	0.00E+00	1.82E-02	0.00E+00	0.00E+00	2.73E-02	0.00E+00	0.00E+00	2.75E-02
1264	ALL		483925	3717825	NonCancer	0.00E+00	1.89E-04	4.92E-02	0.00E+00	0.00E+00	4.96E-02	2.22E-02	0.00E+00	3.42E-02	0.00E+00	0.00E+00	4.92E-02	0.00E+00	0.00E+00	4.96E-02
1265	ALL		484525	3717825	NonCancer	0.00E+00	1.21E-04	3.54E-02	0.00E+00	0.00E+00	3.57E-02	1.42E-02	0.00E+00	2.19E-02	0.00E+00	0.00E+00	3.54E-02	0.00E+00	0.00E+00	3.57E-02
1266	ALL		484575	3717825	NonCancer	0.00E+00	9.01E-05	2.68E-02	0.00E+00	0.00E+00	2.70E-02	1.06E-02	0.00E+00	1.64E-02	0.00E+00	0.00E+00	2.68E-02	0.00E+00	0.00E+00	2.70E-02
1267	ALL		484625	3717825	NonCancer	0.00E+00	7.17E-05	2.12E-02	0.00E+00	0.00E+00	2.14E-02	8.45E-03	0.00E+00	1.30E-02	0.00E+00	0.00E+00	2.12E-02	0.00E+00	0.00E+00	2.14E-02
1268	ALL		484675	3717825	NonCancer	0.00E+00	5.82E-05	1.71E-02	0.00E+00	0.00E+00	1.73E-02	6.85E-03	0.00E+00	1.06E-02	0.00E+00	0.00E+00	1.71E-02	0.00E+00	0.00E+00	1.73E-02
1269	ALL		484725	3717825	NonCancer	0.00E+00	4.96E-05	1.45E-02	0.00E+00	0.00E+00	1.46E-02	5.84E-03	0.00E+00	9.01E-03	0.00E+00	0.00E+00	1.45E-02	0.00E+00	0.00E+00	1.46E-02
1270	ALL		484775	3717825	NonCancer	0.00E+00	4.31E-05	1.24E-02	0.00E+00	0.00E+00	1.25E-02	5.07E-03	0.00E+00	7.82E-03	0.00E+00	0.00E+00	1.24E-02	0.00E+00	0.00E+00	1.25E-02
1271	ALL		484825	3717825	NonCancer	0.00E+00	3.74E-05	1.07E-02	0.00E+00	0.00E+00	1.08E-02	4.41E-03	0.00E+00	6.80E-03	0.00E+00	0.00E+00	1.07E-02	0.00E+00	0.00E+00	1.08E-02
1272	ALL		484875	3717825	NonCancer	0.00E+00	3.29E-05	9.29E-03	0.00E+00	0.00E+00	9.37E-03	3.88E-03	0.00E+00	5.98E-03	0.00E+00	0.00E+00	9.29E-03	0.00E+00	0.00E+00	9.37E-03
1273	ALL		484925	3717825	NonCancer	0.00E+00	2.95E-05	8.29E-03	0.00E+00	0.00E+00	8.36E-03	3.47E-03	0.00E+00	5.36E-03	0.00E+00	0.00E+00	8.29E-03	0.00E+00	0.00E+00	8.36E-03
1274	ALL		484975	3717825	NonCancer	0.00E+00	2.66E-05	7.46E-03	0.00E+00	0.00E+00	7.52E-03	3.13E-03	0.00E+00	4.83E-03	0.00E+00	0.00E+00	7.46E-03	0.00E+00	0.00E+00	7.52E-03
1275	ALL		485025	3717825	NonCancer	0.00E+00	2.43E-05	6.79E-03	0.00E+00	0.00E+00	6.85E-03	2.86E-03	0.00E+00	4.41E-03	0.00E+00	0.00E+00	6.79E-03	0.00E+00	0.00E+00	6.85E-03
1276	ALL		485075	3717825	NonCancer	0.00E+00	2.23E-05	6.22E-03	0.00E+00	0.00E+00	6.27E-03	2.62E-03	0.00E+00	4.04E-03	0.00E+00	0.00E+00	6.22E-03	0.00E+00	0.00E+00	6.27E-03
1277	ALL		485125	3717825	NonCancer	0.00E+00	2.05E-05	5.71E-03	0.00E+00	0.00E+00	5.76E-03	2.42E-03	0.00E+00	3.72E-03	0.00E+00	0.00E+00	5.71E-03	0.00E+00	0.00E+00	5.76E-03
1278	ALL		485175	3717825	NonCancer	0.00E+00	1.91E-05	5.32E-03	0.00E+00	0.00E+00	5.36E-03	2.25E-03	0.00E+00	3.48E-03	0.00E+00	0.00E+00	5.32E-03	0.00E+00	0.00E+00	5.36E-03
1279	ALL		485225	3717825	NonCancer	0.00E+00	1.76E-05	4.89E-03	0.00E+00	0.00E+00	4.93E-03	2.07E-03	0.00E+00	3.20E-03	0.00E+00	0.00E+00	4.89E-03	0.00E+00	0.00E+00	4.93E-03
1280	ALL		485275	3717825	NonCancer	0.00E+00	1.65E-05	4.56E-03	0.00E+00	0.00E+00	4.60E-03	1.94E-03	0.00E+00	2.99E-03	0.00E+00	0.00E+00	4.56E-03	0.00E+00	0.00E+00	4.60E-03
1281	ALL		485325	3717825	NonCancer	0.00E+00	1.54E-05	4.25E-03	0.00E+00	0.00E+00	4.28E-03	1.81E-03	0.00E+00	2.79E-03	0.00E+00	0.00E+00	4.25E-03	0.00E+00	0.00E+00	4.28E-03
1282	ALL		485375	3717825	NonCancer	0.00E+00	1.44E-05	3.98E-03	0.00E+00	0.00E+00	4.01E-03	1.70E-03	0.00E+00	2.61E-03	0.00E+00	0.00E+00	3.98E-03	0.00E+00	0.00E+00	4.01E-03
1283	ALL		485425	3717825	NonCancer	0.00E+00	1.38E-05	3.80E-03	0.00E+00	0.00E+00	3.84E-03	1.62E-03	0.00E+00	2.50E-03	0.00E+00	0.00E+00	3.80E-03	0.00E+00	0.00E+00	3.84E-03
1284	ALL		485475	3717825	NonCancer	0.00E+00	1.29E-05	3.56E-03	0.00E+00	0.00E+00	3.59E-03	1.52E-03	0.00E+00	2.34E-03	0.00E+00	0.00E+00	3.56E-03	0.00E+00	0.00E+00	3.59E-03
1285	ALL		482925	3717875	NonCancer	0.00E+00	1.87E-05	4.99E-03	0.00E+00	0.00E+00	5.04E-03	2.20E-03	0.00E+00	3.40E-03	0.00E+00	0.00E+00	4.99E-03	0.00E+00	0.00E+00	5.04E-03
1286	ALL		482975	3717875	NonCancer	0.00E+00	1.90E-05	5.09E-03	0.00E+00	0.00E+00	5.13E-03	2.24E-03	0.00E+00	3.45E-03	0.00E+00	0.00E+00	5.09E-03	0.00E+00	0.00E+00	5.13E-03
1287	ALL		483025	3717875	NonCancer	0.00E+00	1.94E-05	5.20E-03	0.00E+00	0.00E+00	5.25E-03	2.28E-03	0.00E+00	3.52E-03	0.00E+00	0.00E+00	5.20E-03	0.00E+00	0.00E+00	5.25E-03
1288	ALL		483075	3717875	NonCancer	0.00E+00	2.03E-05	5.46E-03	0.00E+00	0.00E+00	5.50E-03	2.40E-03	0.00E+00	3.69E-03	0.00E+00	0.00E+00	5.46E-03	0.00E+00	0.00E+00	5.50E-03
1289	ALL		483125	3717875	NonCancer	0.00E+00	2.22E-05	5.95E-03	0.00E+00	0.00E+00	6.00E-03	2.61E-03	0.00E+00	4.03E-03	0.00E+00	0.00E+00	5.95E-03	0.00E+00	0.00E+00	6.00E-03
1290	ALL		483175	3717875	NonCancer	0.00E+00	2.32E-05	6.22E-03	0.00E+00	0.00E+00	6.27E-03	2.73E-03	0.00E+00	4.21E-03	0.00E+00	0.00E+00	6.22E-03	0.00E+00	0.00E+00	6.27E-03
1291	ALL		483225	3717875	NonCancer	0.00E+00	2.42E-05	6.49E-03	0.00E+00	0.00E+00	6.54E-03	2.85E-03	0.00E+00	4.39E-03	0.00E+00	0.00E+00	6.49E-03	0.00E+00	0.00E+00	6.54E-03
1292	ALL		483275	3717875	NonCancer	0.00E+00	2.60E-05	6.99E-03	0.00E+00	0.00E+00	7.05E-03	3.07E-03	0.00E+00	4.73E-03	0.00E+00	0.00E+00	6.99E-03	0.00E+00	0.00E+00	7.05E-03
1293	ALL		483325	3717875	NonCancer	0.00E+00	2.79E-05	7.48E-03	0.00E+00	0.00E+00	7.55E-03	3.28E-03	0.00E+00	5.06E-03	0.00E+00	0.00E+00	7.48E-03	0.00E+00	0.00E+00	7.55E-03
1294	ALL		483375	3717875	NonCancer	0.00E+00	2.98E-05	8.00E-03	0.00E+00	0.00E+00	8.07E-03	3.51E-03	0.00E+00	5.41E-03	0.00E+00	0.00E+00	8.00E-03	0.00E+00	0.00E+00	8.07E-03
1295	ALL		483425	3717875	NonCancer	0.00E+00	3.18E-05	8.55E-03	0.00E+00	0.00E+00	8.63E-03	3.74E-03	0.00E+00	5.77E-03	0.00E+00	0.00E+00	8.55E-03	0.00E+00	0.00E+00	8.63E-03
1296	ALL		483475	3717875	NonCancer	0.00E+00	3.43E-05	9.25E-03	0.00E+00	0.00E+00	9.33E-03	4.04E-03	0.00E+00	6.23E-03	0.00E+00	0.00E+00	9.25E-03	0.00E+00	0.00E+00	9.33E-03
1297	ALL		483525	3717875	NonCancer	0.00E+00	3.72E-05	1.00E-02	0.00E+00	0.00E+00	1.01E-02	4.38E-03	0.00E+00	6.75E-03	0.00E+00	0.00E+00	1.00E-02	0.00E+00	0.00E+00	1.01E-02
1298	ALL		483575	3717875	NonCancer	0.00E+00	3.99E-05	1.08E-02	0.00E+00	0.00E+00	1.09E-02	4.70E-03	0.00E+00	7.25E-03	0.00E+00	0.00E+00	1.08E-02	0.00E+00	0.00E+00	1.09E-02
1299	ALL		483625	3717875	NonCancer	0.00E+00	4.29E-05	1.16E-02	0.00E+00	0.00E+00	1.17E-02	5.05E-03	0.00E+00	7.79E-03	0.00E+00	0.00E+00	1.16E-02	0.00E+00	0.00E+00	1.17E-02
1300	ALL		483675	3717875	NonCancer	0.00E+00	4.58E-05	1.24E-02	0.00E+00	0.00E+00	1.26E-02	5.40E-03	0.00E+00	8.32E-03	0.00E+00	0.00E+00	1.24E-02	0.00E+00	0.00E+00	1.26E-02
1301	ALL		483725	3717875	NonCancer	0.00E+00	4.94E-05	1.34E-02	0.00E+00	0.00E+00	1.36E-02	5.81E-03	0.00E+00	8.96E-03	0.00E+00	0.00E+00	1.34E-02	0.00E+00	0.00E+00	1.36E-02
1302	ALL		483775	3717875	NonCancer	0.00E+00	5.61E-05	1.52E-02	0.00E+00	0.00E+00	1.54E-02	6.60E-03	0.00E+00	1.02E-02	0.00E+00	0.00E+00	1.52E-02	0.00E+00	0.00E+00	1.54E-02
1303	ALL		483825	3717875	NonCancer	0.00E+00	6.84E-05	1.85E-02	0.00E+00	0.00E+00	1.86E-02	8.06E-03	0.00E+00	1.24E-02	0.00E+00	0.00E+00	1.85E-02	0.00E+00	0.00E+00	1.86E-02
1304	ALL		483875	3717875	NonCancer	0.00E+00	8.78E-05	2.35E-02	0.00E+00	0.00E+00	2.37E-02	1.03E-02	0.00E+00	1.59E-02	0.00E+00	0.00E+00	2.35E-02	0.00E+00	0.00E+00	2.37E-02
1305	ALL		483925	3717875	NonCancer	0.00E+00	1.37E-04	3.55E-02	0.00E+00	0.00E+00	3.58E-02	1.61E-02	0.00E+00	2.48E-02	0.00E+00	0.00E+00	3.55E-02	0.00E+00	0.00E+00	3.58E-02

*HARP - HRACalc v19044 3/19/2020 1:54:44 PM - Acute Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitAcuteHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1306	ALL		484525	3717875	NonCancer	0.00E+00	1.26E-04	3.63E-02	0.00E+00	0.00E+00	3.66E-02	1.49E-02	0.00E+00	2.30E-02	0.00E+00	0.00E+00	3.63E-02	0.00E+00	0.00E+00	3.66E-02
1307	ALL		484575	3717875	NonCancer	0.00E+00	9.64E-05	2.77E-02	0.00E+00	0.00E+00	2.80E-02	1.14E-02	0.00E+00	1.75E-02	0.00E+00	0.00E+00	2.77E-02	0.00E+00	0.00E+00	2.80E-02
1308	ALL		484625	3717875	NonCancer	0.00E+00	7.45E-05	2.15E-02	0.00E+00	0.00E+00	2.17E-02	8.78E-03	0.00E+00	1.35E-02	0.00E+00	0.00E+00	2.15E-02	0.00E+00	0.00E+00	2.17E-02
1309	ALL		484675	3717875	NonCancer	0.00E+00	5.93E-05	1.72E-02	0.00E+00	0.00E+00	1.73E-02	6.98E-03	0.00E+00	1.08E-02	0.00E+00	0.00E+00	1.72E-02	0.00E+00	0.00E+00	1.73E-02
1310	ALL		484725	3717875	NonCancer	0.00E+00	4.99E-05	1.44E-02	0.00E+00	0.00E+00	1.46E-02	5.87E-03	0.00E+00	9.05E-03	0.00E+00	0.00E+00	1.44E-02	0.00E+00	0.00E+00	1.46E-02
1311	ALL		484775	3717875	NonCancer	0.00E+00	4.28E-05	1.24E-02	0.00E+00	0.00E+00	1.24E-02	5.04E-03	0.00E+00	7.76E-03	0.00E+00	0.00E+00	1.24E-02	0.00E+00	0.00E+00	1.24E-02
1312	ALL		484825	3717875	NonCancer	0.00E+00	3.70E-05	1.07E-02	0.00E+00	0.00E+00	1.08E-02	4.36E-03	0.00E+00	6.73E-03	0.00E+00	0.00E+00	1.07E-02	0.00E+00	0.00E+00	1.08E-02
1313	ALL		484875	3717875	NonCancer	0.00E+00	3.30E-05	9.46E-03	0.00E+00	0.00E+00	9.53E-03	3.89E-03	0.00E+00	6.00E-03	0.00E+00	0.00E+00	9.46E-03	0.00E+00	0.00E+00	9.53E-03
1314	ALL		484925	3717875	NonCancer	0.00E+00	2.95E-05	8.42E-03	0.00E+00	0.00E+00	8.49E-03	3.48E-03	0.00E+00	5.36E-03	0.00E+00	0.00E+00	8.42E-03	0.00E+00	0.00E+00	8.49E-03
1315	ALL		484975	3717875	NonCancer	0.00E+00	2.70E-05	7.65E-03	0.00E+00	0.00E+00	7.71E-03	3.18E-03	0.00E+00	4.90E-03	0.00E+00	0.00E+00	7.65E-03	0.00E+00	0.00E+00	7.71E-03
1316	ALL		485025	3717875	NonCancer	0.00E+00	2.50E-05	7.03E-03	0.00E+00	0.00E+00	7.09E-03	2.94E-03	0.00E+00	4.54E-03	0.00E+00	0.00E+00	7.03E-03	0.00E+00	0.00E+00	7.09E-03
1317	ALL		485075	3717875	NonCancer	0.00E+00	2.25E-05	6.32E-03	0.00E+00	0.00E+00	6.37E-03	2.65E-03	0.00E+00	4.09E-03	0.00E+00	0.00E+00	6.32E-03	0.00E+00	0.00E+00	6.37E-03
1318	ALL		485125	3717875	NonCancer	0.00E+00	2.08E-05	5.81E-03	0.00E+00	0.00E+00	5.86E-03	2.45E-03	0.00E+00	3.78E-03	0.00E+00	0.00E+00	5.81E-03	0.00E+00	0.00E+00	5.86E-03
1319	ALL		485175	3717875	NonCancer	0.00E+00	1.92E-05	5.35E-03	0.00E+00	0.00E+00	5.39E-03	2.26E-03	0.00E+00	3.49E-03	0.00E+00	0.00E+00	5.35E-03	0.00E+00	0.00E+00	5.39E-03
1320	ALL		485225	3717875	NonCancer	0.00E+00	1.78E-05	4.95E-03	0.00E+00	0.00E+00	4.99E-03	2.10E-03	0.00E+00	3.23E-03	0.00E+00	0.00E+00	4.95E-03	0.00E+00	0.00E+00	4.99E-03
1321	ALL		485275	3717875	NonCancer	0.00E+00	1.67E-05	4.63E-03	0.00E+00	0.00E+00	4.67E-03	1.97E-03	0.00E+00	3.03E-03	0.00E+00	0.00E+00	4.63E-03	0.00E+00	0.00E+00	4.67E-03
1322	ALL		485325	3717875	NonCancer	0.00E+00	1.55E-05	4.31E-03	0.00E+00	0.00E+00	4.35E-03	1.83E-03	0.00E+00	2.82E-03	0.00E+00	0.00E+00	4.31E-03	0.00E+00	0.00E+00	4.35E-03
1323	ALL		485375	3717875	NonCancer	0.00E+00	1.47E-05	4.08E-03	0.00E+00	0.00E+00	4.11E-03	1.73E-03	0.00E+00	2.67E-03	0.00E+00	0.00E+00	4.08E-03	0.00E+00	0.00E+00	4.11E-03
1324	ALL		485425	3717875	NonCancer	0.00E+00	1.39E-05	3.84E-03	0.00E+00	0.00E+00	3.88E-03	1.63E-03	0.00E+00	2.52E-03	0.00E+00	0.00E+00	3.84E-03	0.00E+00	0.00E+00	3.88E-03
1325	ALL		485475	3717875	NonCancer	0.00E+00	1.31E-05	3.62E-03	0.00E+00	0.00E+00	3.65E-03	1.54E-03	0.00E+00	2.37E-03	0.00E+00	0.00E+00	3.62E-03	0.00E+00	0.00E+00	3.65E-03
1326	ALL		482925	3717925	NonCancer	0.00E+00	2.09E-05	5.47E-03	0.00E+00	0.00E+00	5.52E-03	2.46E-03	0.00E+00	3.79E-03	0.00E+00	0.00E+00	5.47E-03	0.00E+00	0.00E+00	5.52E-03
1327	ALL		482975	3717925	NonCancer	0.00E+00	1.96E-05	5.20E-03	0.00E+00	0.00E+00	5.25E-03	2.31E-03	0.00E+00	3.56E-03	0.00E+00	0.00E+00	5.20E-03	0.00E+00	0.00E+00	5.25E-03
1328	ALL		483025	3717925	NonCancer	0.00E+00	1.92E-05	5.14E-03	0.00E+00	0.00E+00	5.18E-03	2.26E-03	0.00E+00	3.49E-03	0.00E+00	0.00E+00	5.14E-03	0.00E+00	0.00E+00	5.18E-03
1329	ALL		483075	3717925	NonCancer	0.00E+00	2.07E-05	5.51E-03	0.00E+00	0.00E+00	5.56E-03	2.43E-03	0.00E+00	3.75E-03	0.00E+00	0.00E+00	5.51E-03	0.00E+00	0.00E+00	5.56E-03
1330	ALL		483125	3717925	NonCancer	0.00E+00	2.24E-05	5.97E-03	0.00E+00	0.00E+00	6.03E-03	2.64E-03	0.00E+00	4.07E-03	0.00E+00	0.00E+00	5.97E-03	0.00E+00	0.00E+00	6.03E-03
1331	ALL		483175	3717925	NonCancer	0.00E+00	2.24E-05	6.00E-03	0.00E+00	0.00E+00	6.05E-03	2.64E-03	0.00E+00	4.07E-03	0.00E+00	0.00E+00	6.00E-03	0.00E+00	0.00E+00	6.05E-03
1332	ALL		483225	3717925	NonCancer	0.00E+00	2.36E-05	6.31E-03	0.00E+00	0.00E+00	6.36E-03	2.78E-03	0.00E+00	4.28E-03	0.00E+00	0.00E+00	6.31E-03	0.00E+00	0.00E+00	6.36E-03
1333	ALL		483275	3717925	NonCancer	0.00E+00	2.52E-05	6.74E-03	0.00E+00	0.00E+00	6.80E-03	2.97E-03	0.00E+00	4.57E-03	0.00E+00	0.00E+00	6.74E-03	0.00E+00	0.00E+00	6.80E-03
1334	ALL		483325	3717925	NonCancer	0.00E+00	2.68E-05	7.19E-03	0.00E+00	0.00E+00	7.25E-03	3.16E-03	0.00E+00	4.87E-03	0.00E+00	0.00E+00	7.19E-03	0.00E+00	0.00E+00	7.25E-03
1335	ALL		483375	3717925	NonCancer	0.00E+00	2.86E-05	7.67E-03	0.00E+00	0.00E+00	7.74E-03	3.37E-03	0.00E+00	5.19E-03	0.00E+00	0.00E+00	7.67E-03	0.00E+00	0.00E+00	7.74E-03
1336	ALL		483425	3717925	NonCancer	0.00E+00	3.05E-05	8.19E-03	0.00E+00	0.00E+00	8.26E-03	3.59E-03	0.00E+00	5.54E-03	0.00E+00	0.00E+00	8.19E-03	0.00E+00	0.00E+00	8.26E-03
1337	ALL		483475	3717925	NonCancer	0.00E+00	3.31E-05	8.91E-03	0.00E+00	0.00E+00	8.98E-03	3.90E-03	0.00E+00	6.02E-03	0.00E+00	0.00E+00	8.91E-03	0.00E+00	0.00E+00	8.98E-03
1338	ALL		483525	3717925	NonCancer	0.00E+00	3.65E-05	9.82E-03	0.00E+00	0.00E+00	9.90E-03	4.30E-03	0.00E+00	6.63E-03	0.00E+00	0.00E+00	9.82E-03	0.00E+00	0.00E+00	9.90E-03
1339	ALL		483575	3717925	NonCancer	0.00E+00	3.86E-05	1.04E-02	0.00E+00	0.00E+00	1.05E-02	4.54E-03	0.00E+00	7.00E-03	0.00E+00	0.00E+00	1.04E-02	0.00E+00	0.00E+00	1.05E-02
1340	ALL		483625	3717925	NonCancer	0.00E+00	4.07E-05	1.10E-02	0.00E+00	0.00E+00	1.11E-02	4.79E-03	0.00E+00	7.39E-03	0.00E+00	0.00E+00	1.10E-02	0.00E+00	0.00E+00	1.11E-02
1341	ALL		483675	3717925	NonCancer	0.00E+00	4.41E-05	1.20E-02	0.00E+00	0.00E+00	1.21E-02	5.20E-03	0.00E+00	8.01E-03	0.00E+00	0.00E+00	1.20E-02	0.00E+00	0.00E+00	1.21E-02
1342	ALL		483725	3717925	NonCancer	0.00E+00	4.82E-05	1.31E-02	0.00E+00	0.00E+00	1.32E-02	5.67E-03	0.00E+00	8.74E-03	0.00E+00	0.00E+00	1.31E-02	0.00E+00	0.00E+00	1.32E-02
1343	ALL		483775	3717925	NonCancer	0.00E+00	5.58E-05	1.51E-02	0.00E+00	0.00E+00	1.52E-02	6.57E-03	0.00E+00	1.01E-02	0.00E+00	0.00E+00	1.51E-02	0.00E+00	0.00E+00	1.52E-02
1344	ALL		483825	3717925	NonCancer	0.00E+00	6.48E-05	1.75E-02	0.00E+00	0.00E+00	1.76E-02	7.63E-03	0.00E+00	1.18E-02	0.00E+00	0.00E+00	1.75E-02	0.00E+00	0.00E+00	1.76E-02
1345	ALL		483875	3717925	NonCancer	0.00E+00	7.96E-05	2.15E-02	0.00E+00	0.00E+00	2.16E-02	9.38E-03	0.00E+00	1.45E-02	0.00E+00	0.00E+00	2.15E-02	0.00E+00	0.00E+00	2.16E-02
1346	ALL		483925	3717925	NonCancer	0.00E+00	1.03E-04	2.76E-02	0.00E+00	0.00E+00	2.79E-02	1.21E-02	0.00E+00	1.87E-02	0.00E+00	0.00E+00	2.76E-02	0.00E+00	0.00E+00	2.79E-02
1347	ALL		483975	3717925	NonCancer	0.00E+00	1.82E-04	4.65E-02	0.00E+00	0.00E+00	4.69E-02	2.14E-02	0.00E+00	3.30E-02	0.00E+00	0.00E+00	4.65E-02	0.00E+00	0.00E+00	4.69E-02
1348	ALL		484525	3717925	NonCancer	0.00E+00	1.33E-04	3.83E-02	0.00E+00	0.00E+00	3.86E-02	1.56E-02	0.00E+00	2.41E-02	0.00E+00	0.00E+00	3.83E-02	0.00E+00	0.00E+00	3.86E-02
1349	ALL		484575	3717925	NonCancer	0.00E+00	9.85E-05	2.79E-02	0.00E+00	0.00E+00	2.82E-02	1.16E-02	0.00E+00	1.79E-02	0.00E+00	0.00E+00	2.79E-02	0.00E+00	0.00E+00	2.82E-02
1350	ALL		484625	3717925	NonCancer	0.00E+00	7.76E-05	2.18E-02	0.00E+00	0.00E+00	2.20E-02	9.14E-03	0.00E+00	1.41E-02	0.00E+00	0.00E+00	2.18E-02	0.00E+00	0.00E+00	2.20E-02

*HARP - HRACalc v19044 3/19/2020 1:54:44 PM - Acute Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitAcuteHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1351	ALL		484675	3717925	NonCancer	0.00E+00	6.27E-05	1.75E-02	0.00E+00	0.00E+00	1.77E-02	7.38E-03	0.00E+00	1.14E-02	0.00E+00	0.00E+00	1.75E-02	0.00E+00	0.00E+00	1.77E-02
1352	ALL		484725	3717925	NonCancer	0.00E+00	5.24E-05	1.46E-02	0.00E+00	0.00E+00	1.47E-02	6.17E-03	0.00E+00	9.51E-03	0.00E+00	0.00E+00	1.46E-02	0.00E+00	0.00E+00	1.47E-02
1353	ALL		484775	3717925	NonCancer	0.00E+00	4.39E-05	1.23E-02	0.00E+00	0.00E+00	1.24E-02	5.17E-03	0.00E+00	7.96E-03	0.00E+00	0.00E+00	1.23E-02	0.00E+00	0.00E+00	1.24E-02
1354	ALL		484825	3717925	NonCancer	0.00E+00	3.80E-05	1.07E-02	0.00E+00	0.00E+00	1.07E-02	4.47E-03	0.00E+00	6.89E-03	0.00E+00	0.00E+00	1.07E-02	0.00E+00	0.00E+00	1.07E-02
1355	ALL		484875	3717925	NonCancer	0.00E+00	3.39E-05	9.49E-03	0.00E+00	0.00E+00	9.57E-03	3.99E-03	0.00E+00	6.15E-03	0.00E+00	0.00E+00	9.49E-03	0.00E+00	0.00E+00	9.57E-03
1356	ALL		484925	3717925	NonCancer	0.00E+00	3.02E-05	8.45E-03	0.00E+00	0.00E+00	8.52E-03	3.56E-03	0.00E+00	5.48E-03	0.00E+00	0.00E+00	8.45E-03	0.00E+00	0.00E+00	8.52E-03
1357	ALL		484975	3717925	NonCancer	0.00E+00	2.70E-05	7.54E-03	0.00E+00	0.00E+00	7.60E-03	3.18E-03	0.00E+00	4.90E-03	0.00E+00	0.00E+00	7.54E-03	0.00E+00	0.00E+00	7.60E-03
1358	ALL		485025	3717925	NonCancer	0.00E+00	2.47E-05	6.90E-03	0.00E+00	0.00E+00	6.96E-03	2.91E-03	0.00E+00	4.48E-03	0.00E+00	0.00E+00	6.90E-03	0.00E+00	0.00E+00	6.96E-03
1359	ALL		485075	3717925	NonCancer	0.00E+00	2.26E-05	6.31E-03	0.00E+00	0.00E+00	6.36E-03	2.66E-03	0.00E+00	4.10E-03	0.00E+00	0.00E+00	6.31E-03	0.00E+00	0.00E+00	6.36E-03
1360	ALL		485125	3717925	NonCancer	0.00E+00	2.08E-05	5.79E-03	0.00E+00	0.00E+00	5.83E-03	2.45E-03	0.00E+00	3.77E-03	0.00E+00	0.00E+00	5.79E-03	0.00E+00	0.00E+00	5.83E-03
1361	ALL		485175	3717925	NonCancer	0.00E+00	1.94E-05	5.40E-03	0.00E+00	0.00E+00	5.45E-03	2.29E-03	0.00E+00	3.53E-03	0.00E+00	0.00E+00	5.40E-03	0.00E+00	0.00E+00	5.45E-03
1362	ALL		485225	3717925	NonCancer	0.00E+00	1.81E-05	5.04E-03	0.00E+00	0.00E+00	5.08E-03	2.14E-03	0.00E+00	3.29E-03	0.00E+00	0.00E+00	5.04E-03	0.00E+00	0.00E+00	5.08E-03
1363	ALL		485275	3717925	NonCancer	0.00E+00	1.70E-05	4.71E-03	0.00E+00	0.00E+00	4.75E-03	2.00E-03	0.00E+00	3.08E-03	0.00E+00	0.00E+00	4.71E-03	0.00E+00	0.00E+00	4.75E-03
1364	ALL		485325	3717925	NonCancer	0.00E+00	1.59E-05	4.41E-03	0.00E+00	0.00E+00	4.45E-03	1.88E-03	0.00E+00	2.89E-03	0.00E+00	0.00E+00	4.41E-03	0.00E+00	0.00E+00	4.45E-03
1365	ALL		485375	3717925	NonCancer	0.00E+00	1.48E-05	4.10E-03	0.00E+00	0.00E+00	4.14E-03	1.74E-03	0.00E+00	2.69E-03	0.00E+00	0.00E+00	4.10E-03	0.00E+00	0.00E+00	4.14E-03
1366	ALL		485425	3717925	NonCancer	0.00E+00	1.39E-05	3.84E-03	0.00E+00	0.00E+00	3.88E-03	1.63E-03	0.00E+00	2.52E-03	0.00E+00	0.00E+00	3.84E-03	0.00E+00	0.00E+00	3.88E-03
1367	ALL		485475	3717925	NonCancer	0.00E+00	1.31E-05	3.64E-03	0.00E+00	0.00E+00	3.67E-03	1.55E-03	0.00E+00	2.39E-03	0.00E+00	0.00E+00	3.64E-03	0.00E+00	0.00E+00	3.67E-03
1368	ALL		482925	3717975	NonCancer	0.00E+00	1.87E-05	4.97E-03	0.00E+00	0.00E+00	5.01E-03	2.21E-03	0.00E+00	3.40E-03	0.00E+00	0.00E+00	4.97E-03	0.00E+00	0.00E+00	5.01E-03
1369	ALL		482975	3717975	NonCancer	0.00E+00	1.89E-05	5.04E-03	0.00E+00	0.00E+00	5.08E-03	2.23E-03	0.00E+00	3.43E-03	0.00E+00	0.00E+00	5.04E-03	0.00E+00	0.00E+00	5.08E-03
1370	ALL		483025	3717975	NonCancer	0.00E+00	1.90E-05	5.09E-03	0.00E+00	0.00E+00	5.13E-03	2.24E-03	0.00E+00	3.45E-03	0.00E+00	0.00E+00	5.09E-03	0.00E+00	0.00E+00	5.13E-03
1371	ALL		483075	3717975	NonCancer	0.00E+00	2.00E-05	5.35E-03	0.00E+00	0.00E+00	5.40E-03	2.35E-03	0.00E+00	3.63E-03	0.00E+00	0.00E+00	5.35E-03	0.00E+00	0.00E+00	5.40E-03
1372	ALL		483125	3717975	NonCancer	0.00E+00	2.18E-05	5.82E-03	0.00E+00	0.00E+00	5.87E-03	2.56E-03	0.00E+00	3.95E-03	0.00E+00	0.00E+00	5.82E-03	0.00E+00	0.00E+00	5.87E-03
1373	ALL		483175	3717975	NonCancer	0.00E+00	2.20E-05	5.91E-03	0.00E+00	0.00E+00	5.96E-03	2.59E-03	0.00E+00	3.99E-03	0.00E+00	0.00E+00	5.91E-03	0.00E+00	0.00E+00	5.96E-03
1374	ALL		483225	3717975	NonCancer	0.00E+00	2.37E-05	6.38E-03	0.00E+00	0.00E+00	6.43E-03	2.80E-03	0.00E+00	4.31E-03	0.00E+00	0.00E+00	6.38E-03	0.00E+00	0.00E+00	6.43E-03
1375	ALL		483275	3717975	NonCancer	0.00E+00	2.47E-05	6.65E-03	0.00E+00	0.00E+00	6.71E-03	2.91E-03	0.00E+00	4.48E-03	0.00E+00	0.00E+00	6.65E-03	0.00E+00	0.00E+00	6.71E-03
1376	ALL		483325	3717975	NonCancer	0.00E+00	2.61E-05	7.03E-03	0.00E+00	0.00E+00	7.09E-03	3.07E-03	0.00E+00	4.73E-03	0.00E+00	0.00E+00	7.03E-03	0.00E+00	0.00E+00	7.09E-03
1377	ALL		483375	3717975	NonCancer	0.00E+00	2.77E-05	7.49E-03	0.00E+00	0.00E+00	7.55E-03	3.26E-03	0.00E+00	5.03E-03	0.00E+00	0.00E+00	7.49E-03	0.00E+00	0.00E+00	7.55E-03
1378	ALL		483425	3717975	NonCancer	0.00E+00	2.97E-05	8.04E-03	0.00E+00	0.00E+00	8.10E-03	3.50E-03	0.00E+00	5.40E-03	0.00E+00	0.00E+00	8.04E-03	0.00E+00	0.00E+00	8.10E-03
1379	ALL		483475	3717975	NonCancer	0.00E+00	3.23E-05	8.72E-03	0.00E+00	0.00E+00	8.80E-03	3.81E-03	0.00E+00	5.87E-03	0.00E+00	0.00E+00	8.72E-03	0.00E+00	0.00E+00	8.80E-03
1380	ALL		483525	3717975	NonCancer	0.00E+00	3.51E-05	9.46E-03	0.00E+00	0.00E+00	9.54E-03	4.13E-03	0.00E+00	6.36E-03	0.00E+00	0.00E+00	9.46E-03	0.00E+00	0.00E+00	9.54E-03
1381	ALL		483575	3717975	NonCancer	0.00E+00	3.76E-05	1.01E-02	0.00E+00	0.00E+00	1.02E-02	4.43E-03	0.00E+00	6.82E-03	0.00E+00	0.00E+00	1.01E-02	0.00E+00	0.00E+00	1.02E-02
1382	ALL		483625	3717975	NonCancer	0.00E+00	4.04E-05	1.09E-02	0.00E+00	0.00E+00	1.10E-02	4.76E-03	0.00E+00	7.34E-03	0.00E+00	0.00E+00	1.09E-02	0.00E+00	0.00E+00	1.10E-02
1383	ALL		483675	3717975	NonCancer	0.00E+00	4.29E-05	1.16E-02	0.00E+00	0.00E+00	1.17E-02	5.05E-03	0.00E+00	7.78E-03	0.00E+00	0.00E+00	1.16E-02	0.00E+00	0.00E+00	1.17E-02
1384	ALL		483725	3717975	NonCancer	0.00E+00	4.88E-05	1.32E-02	0.00E+00	0.00E+00	1.33E-02	5.75E-03	0.00E+00	8.86E-03	0.00E+00	0.00E+00	1.32E-02	0.00E+00	0.00E+00	1.33E-02
1385	ALL		483775	3717975	NonCancer	0.00E+00	5.44E-05	1.46E-02	0.00E+00	0.00E+00	1.47E-02	6.40E-03	0.00E+00	9.87E-03	0.00E+00	0.00E+00	1.46E-02	0.00E+00	0.00E+00	1.47E-02
1386	ALL		483825	3717975	NonCancer	0.00E+00	5.97E-05	1.60E-02	0.00E+00	0.00E+00	1.61E-02	7.04E-03	0.00E+00	1.08E-02	0.00E+00	0.00E+00	1.60E-02	0.00E+00	0.00E+00	1.61E-02
1387	ALL		483875	3717975	NonCancer	0.00E+00	6.89E-05	1.88E-02	0.00E+00	0.00E+00	1.90E-02	8.12E-03	0.00E+00	1.25E-02	0.00E+00	0.00E+00	1.88E-02	0.00E+00	0.00E+00	1.90E-02
1388	ALL		483925	3717975	NonCancer	0.00E+00	8.68E-05	2.40E-02	0.00E+00	0.00E+00	2.42E-02	1.02E-02	0.00E+00	1.58E-02	0.00E+00	0.00E+00	2.40E-02	0.00E+00	0.00E+00	2.42E-02
1389	ALL		483975	3717975	NonCancer	0.00E+00	1.40E-04	3.76E-02	0.00E+00	0.00E+00	3.80E-02	1.65E-02	0.00E+00	2.54E-02	0.00E+00	0.00E+00	3.76E-02	0.00E+00	0.00E+00	3.80E-02
1390	ALL		484525	3717975	NonCancer	0.00E+00	1.35E-04	3.88E-02	0.00E+00	0.00E+00	3.92E-02	1.58E-02	0.00E+00	2.44E-02	0.00E+00	0.00E+00	3.88E-02	0.00E+00	0.00E+00	3.92E-02
1391	ALL		484575	3717975	NonCancer	0.00E+00	9.73E-05	2.90E-02	0.00E+00	0.00E+00	2.92E-02	1.15E-02	0.00E+00	1.77E-02	0.00E+00	0.00E+00	2.90E-02	0.00E+00	0.00E+00	2.92E-02
1392	ALL		484625	3717975	NonCancer	0.00E+00	8.00E-05	2.40E-02	0.00E+00	0.00E+00	2.42E-02	9.43E-03	0.00E+00	1.45E-02	0.00E+00	0.00E+00	2.40E-02	0.00E+00	0.00E+00	2.42E-02
1393	ALL		484675	3717975	NonCancer	0.00E+00	6.69E-05	1.99E-02	0.00E+00	0.00E+00	2.00E-02	7.88E-03	0.00E+00	1.21E-02	0.00E+00	0.00E+00	1.99E-02	0.00E+00	0.00E+00	2.00E-02
1394	ALL		484725	3717975	NonCancer	0.00E+00	5.66E-05	1.65E-02	0.00E+00	0.00E+00	1.67E-02	6.66E-03	0.00E+00	1.03E-02	0.00E+00	0.00E+00	1.65E-02	0.00E+00	0.00E+00	1.67E-02
1395	ALL		484775	3717975	NonCancer	0.00E+00	4.82E-05	1.38E-02	0.00E+00	0.00E+00	1.39E-02	5.68E-03	0.00E+00	8.76E-03	0.00E+00	0.00E+00	1.38E-02	0.00E+00	0.00E+00	1.39E-02

*HARP - HRACalc v19044 3/19/2020 1:54:44 PM - Acute Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitAcuteHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1396	ALL		484825	3717975	NonCancer	0.00E+00	4.19E-05	1.17E-02	0.00E+00	0.00E+00	1.18E-02	4.93E-03	0.00E+00	7.60E-03	0.00E+00	0.00E+00	1.17E-02	0.00E+00	0.00E+00	1.18E-02
1397	ALL		484875	3717975	NonCancer	0.00E+00	3.63E-05	1.01E-02	0.00E+00	0.00E+00	1.02E-02	4.27E-03	0.00E+00	6.58E-03	0.00E+00	0.00E+00	1.01E-02	0.00E+00	0.00E+00	1.02E-02
1398	ALL		484925	3717975	NonCancer	0.00E+00	3.14E-05	8.75E-03	0.00E+00	0.00E+00	8.83E-03	3.69E-03	0.00E+00	5.69E-03	0.00E+00	0.00E+00	8.75E-03	0.00E+00	0.00E+00	8.83E-03
1399	ALL		484975	3717975	NonCancer	0.00E+00	2.79E-05	7.80E-03	0.00E+00	0.00E+00	7.86E-03	3.29E-03	0.00E+00	5.07E-03	0.00E+00	0.00E+00	7.80E-03	0.00E+00	0.00E+00	7.86E-03
1400	ALL		485025	3717975	NonCancer	0.00E+00	2.51E-05	7.03E-03	0.00E+00	0.00E+00	7.09E-03	2.96E-03	0.00E+00	4.56E-03	0.00E+00	0.00E+00	7.03E-03	0.00E+00	0.00E+00	7.09E-03
1401	ALL		485075	3717975	NonCancer	0.00E+00	2.29E-05	6.41E-03	0.00E+00	0.00E+00	6.46E-03	2.70E-03	0.00E+00	4.16E-03	0.00E+00	0.00E+00	6.41E-03	0.00E+00	0.00E+00	6.46E-03
1402	ALL		485125	3717975	NonCancer	0.00E+00	2.11E-05	5.89E-03	0.00E+00	0.00E+00	5.94E-03	2.49E-03	0.00E+00	3.83E-03	0.00E+00	0.00E+00	5.89E-03	0.00E+00	0.00E+00	5.94E-03
1403	ALL		485175	3717975	NonCancer	0.00E+00	2.03E-05	5.65E-03	0.00E+00	0.00E+00	5.69E-03	2.39E-03	0.00E+00	3.68E-03	0.00E+00	0.00E+00	5.65E-03	0.00E+00	0.00E+00	5.69E-03
1404	ALL		485225	3717975	NonCancer	0.00E+00	1.82E-05	5.07E-03	0.00E+00	0.00E+00	5.11E-03	2.14E-03	0.00E+00	3.31E-03	0.00E+00	0.00E+00	5.07E-03	0.00E+00	0.00E+00	5.11E-03
1405	ALL		485275	3717975	NonCancer	0.00E+00	1.66E-05	4.63E-03	0.00E+00	0.00E+00	4.67E-03	1.96E-03	0.00E+00	3.02E-03	0.00E+00	0.00E+00	4.63E-03	0.00E+00	0.00E+00	4.67E-03
1406	ALL		485325	3717975	NonCancer	0.00E+00	1.57E-05	4.38E-03	0.00E+00	0.00E+00	4.41E-03	1.85E-03	0.00E+00	2.86E-03	0.00E+00	0.00E+00	4.38E-03	0.00E+00	0.00E+00	4.41E-03
1407	ALL		485375	3717975	NonCancer	0.00E+00	1.45E-05	4.04E-03	0.00E+00	0.00E+00	4.08E-03	1.71E-03	0.00E+00	2.64E-03	0.00E+00	0.00E+00	4.04E-03	0.00E+00	0.00E+00	4.08E-03
1408	ALL		485425	3717975	NonCancer	0.00E+00	1.38E-05	3.84E-03	0.00E+00	0.00E+00	3.87E-03	1.63E-03	0.00E+00	2.51E-03	0.00E+00	0.00E+00	3.84E-03	0.00E+00	0.00E+00	3.87E-03
1409	ALL		485475	3717975	NonCancer	0.00E+00	1.32E-05	3.65E-03	0.00E+00	0.00E+00	3.68E-03	1.55E-03	0.00E+00	2.39E-03	0.00E+00	0.00E+00	3.65E-03	0.00E+00	0.00E+00	3.68E-03
1410	ALL		482925	3718025	NonCancer	0.00E+00	1.94E-05	5.12E-03	0.00E+00	0.00E+00	5.16E-03	2.28E-03	0.00E+00	3.52E-03	0.00E+00	0.00E+00	5.12E-03	0.00E+00	0.00E+00	5.16E-03
1411	ALL		482975	3718025	NonCancer	0.00E+00	1.98E-05	5.25E-03	0.00E+00	0.00E+00	5.30E-03	2.33E-03	0.00E+00	3.60E-03	0.00E+00	0.00E+00	5.25E-03	0.00E+00	0.00E+00	5.30E-03
1412	ALL		483025	3718025	NonCancer	0.00E+00	2.00E-05	5.33E-03	0.00E+00	0.00E+00	5.38E-03	2.36E-03	0.00E+00	3.64E-03	0.00E+00	0.00E+00	5.33E-03	0.00E+00	0.00E+00	5.38E-03
1413	ALL		483075	3718025	NonCancer	0.00E+00	2.07E-05	5.52E-03	0.00E+00	0.00E+00	5.57E-03	2.44E-03	0.00E+00	3.76E-03	0.00E+00	0.00E+00	5.52E-03	0.00E+00	0.00E+00	5.57E-03
1414	ALL		483125	3718025	NonCancer	0.00E+00	2.19E-05	5.84E-03	0.00E+00	0.00E+00	5.89E-03	2.58E-03	0.00E+00	3.98E-03	0.00E+00	0.00E+00	5.84E-03	0.00E+00	0.00E+00	5.89E-03
1415	ALL		483175	3718025	NonCancer	0.00E+00	2.28E-05	6.08E-03	0.00E+00	0.00E+00	6.13E-03	2.68E-03	0.00E+00	4.13E-03	0.00E+00	0.00E+00	6.08E-03	0.00E+00	0.00E+00	6.13E-03
1416	ALL		483225	3718025	NonCancer	0.00E+00	2.45E-05	6.52E-03	0.00E+00	0.00E+00	6.58E-03	2.88E-03	0.00E+00	4.44E-03	0.00E+00	0.00E+00	6.52E-03	0.00E+00	0.00E+00	6.58E-03
1417	ALL		483275	3718025	NonCancer	0.00E+00	2.56E-05	6.82E-03	0.00E+00	0.00E+00	6.88E-03	3.01E-03	0.00E+00	4.65E-03	0.00E+00	0.00E+00	6.82E-03	0.00E+00	0.00E+00	6.88E-03
1418	ALL		483325	3718025	NonCancer	0.00E+00	2.72E-05	7.23E-03	0.00E+00	0.00E+00	7.30E-03	3.20E-03	0.00E+00	4.93E-03	0.00E+00	0.00E+00	7.23E-03	0.00E+00	0.00E+00	7.30E-03
1419	ALL		483375	3718025	NonCancer	0.00E+00	2.92E-05	7.76E-03	0.00E+00	0.00E+00	7.83E-03	3.44E-03	0.00E+00	5.30E-03	0.00E+00	0.00E+00	7.76E-03	0.00E+00	0.00E+00	7.83E-03
1420	ALL		483425	3718025	NonCancer	0.00E+00	3.13E-05	8.31E-03	0.00E+00	0.00E+00	8.39E-03	3.69E-03	0.00E+00	5.69E-03	0.00E+00	0.00E+00	8.31E-03	0.00E+00	0.00E+00	8.39E-03
1421	ALL		483475	3718025	NonCancer	0.00E+00	3.36E-05	8.89E-03	0.00E+00	0.00E+00	8.97E-03	3.95E-03	0.00E+00	6.09E-03	0.00E+00	0.00E+00	8.89E-03	0.00E+00	0.00E+00	8.97E-03
1422	ALL		483525	3718025	NonCancer	0.00E+00	3.52E-05	9.33E-03	0.00E+00	0.00E+00	9.41E-03	4.15E-03	0.00E+00	6.39E-03	0.00E+00	0.00E+00	9.33E-03	0.00E+00	0.00E+00	9.41E-03
1423	ALL		483575	3718025	NonCancer	0.00E+00	3.73E-05	9.88E-03	0.00E+00	0.00E+00	9.96E-03	4.40E-03	0.00E+00	6.78E-03	0.00E+00	0.00E+00	9.88E-03	0.00E+00	0.00E+00	9.96E-03
1424	ALL		483625	3718025	NonCancer	0.00E+00	4.01E-05	1.06E-02	0.00E+00	0.00E+00	1.07E-02	4.72E-03	0.00E+00	7.28E-03	0.00E+00	0.00E+00	1.06E-02	0.00E+00	0.00E+00	1.07E-02
1425	ALL		483675	3718025	NonCancer	0.00E+00	4.28E-05	1.13E-02	0.00E+00	0.00E+00	1.14E-02	5.03E-03	0.00E+00	7.76E-03	0.00E+00	0.00E+00	1.13E-02	0.00E+00	0.00E+00	1.14E-02
1426	ALL		483725	3718025	NonCancer	0.00E+00	5.12E-05	1.36E-02	0.00E+00	0.00E+00	1.37E-02	6.03E-03	0.00E+00	9.29E-03	0.00E+00	0.00E+00	1.36E-02	0.00E+00	0.00E+00	1.37E-02
1427	ALL		483775	3718025	NonCancer	0.00E+00	5.65E-05	1.52E-02	0.00E+00	0.00E+00	1.53E-02	6.65E-03	0.00E+00	1.03E-02	0.00E+00	0.00E+00	1.52E-02	0.00E+00	0.00E+00	1.53E-02
1428	ALL		483825	3718025	NonCancer	0.00E+00	5.60E-05	1.54E-02	0.00E+00	0.00E+00	1.55E-02	6.59E-03	0.00E+00	1.02E-02	0.00E+00	0.00E+00	1.54E-02	0.00E+00	0.00E+00	1.55E-02
1429	ALL		483875	3718025	NonCancer	0.00E+00	6.26E-05	1.76E-02	0.00E+00	0.00E+00	1.78E-02	7.38E-03	0.00E+00	1.14E-02	0.00E+00	0.00E+00	1.76E-02	0.00E+00	0.00E+00	1.78E-02
1430	ALL		483925	3718025	NonCancer	0.00E+00	8.06E-05	2.30E-02	0.00E+00	0.00E+00	2.32E-02	9.49E-03	0.00E+00	1.46E-02	0.00E+00	0.00E+00	2.30E-02	0.00E+00	0.00E+00	2.32E-02
1431	ALL		483975	3718025	NonCancer	0.00E+00	1.08E-04	3.08E-02	0.00E+00	0.00E+00	3.10E-02	1.27E-02	0.00E+00	1.96E-02	0.00E+00	0.00E+00	3.08E-02	0.00E+00	0.00E+00	3.10E-02
1432	ALL		484025	3718025	NonCancer	0.00E+00	2.37E-04	6.22E-02	0.00E+00	0.00E+00	6.27E-02	2.79E-02	0.00E+00	4.30E-02	0.00E+00	0.00E+00	6.22E-02	0.00E+00	0.00E+00	6.27E-02
1433	ALL		484525	3718025	NonCancer	0.00E+00	1.32E-04	3.68E-02	0.00E+00	0.00E+00	3.71E-02	1.55E-02	0.00E+00	2.39E-02	0.00E+00	0.00E+00	3.68E-02	0.00E+00	0.00E+00	3.71E-02
1434	ALL		484575	3718025	NonCancer	0.00E+00	1.00E-04	2.87E-02	0.00E+00	0.00E+00	2.90E-02	1.18E-02	0.00E+00	1.82E-02	0.00E+00	0.00E+00	2.87E-02	0.00E+00	0.00E+00	2.90E-02
1435	ALL		484625	3718025	NonCancer	0.00E+00	7.16E-05	2.12E-02	0.00E+00	0.00E+00	2.14E-02	8.43E-03	0.00E+00	1.30E-02	0.00E+00	0.00E+00	2.12E-02	0.00E+00	0.00E+00	2.14E-02
1436	ALL		484675	3718025	NonCancer	0.00E+00	6.15E-05	1.81E-02	0.00E+00	0.00E+00	1.82E-02	7.25E-03	0.00E+00	1.12E-02	0.00E+00	0.00E+00	1.81E-02	0.00E+00	0.00E+00	1.82E-02
1437	ALL		484725	3718025	NonCancer	0.00E+00	5.49E-05	1.60E-02	0.00E+00	0.00E+00	1.61E-02	6.47E-03	0.00E+00	9.97E-03	0.00E+00	0.00E+00	1.60E-02	0.00E+00	0.00E+00	1.61E-02
1438	ALL		484775	3718025	NonCancer	0.00E+00	4.87E-05	1.43E-02	0.00E+00	0.00E+00	1.45E-02	5.74E-03	0.00E+00	8.85E-03	0.00E+00	0.00E+00	1.43E-02	0.00E+00	0.00E+00	1.45E-02
1439	ALL		484825	3718025	NonCancer	0.00E+00	4.30E-05	1.27E-02	0.00E+00	0.00E+00	1.28E-02	5.06E-03	0.00E+00	7.81E-03	0.00E+00	0.00E+00	1.27E-02	0.00E+00	0.00E+00	1.28E-02
1440	ALL		484875	3718025	NonCancer	0.00E+00	3.78E-05	1.11E-02	0.00E+00	0.00E+00	1.12E-02	4.45E-03	0.00E+00	6.86E-03	0.00E+00	0.00E+00	1.11E-02	0.00E+00	0.00E+00	1.12E-02

*HARP - HRACalc v19044 3/19/2020 1:54:44 PM - Acute Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitAcuteHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1441	ALL		484925	3718025	NonCancer	0.00E+00	3.33E-05	9.67E-03	0.00E+00	0.00E+00	9.74E-03	3.92E-03	0.00E+00	6.05E-03	0.00E+00	0.00E+00	9.67E-03	0.00E+00	0.00E+00	9.74E-03
1442	ALL		484975	3718025	NonCancer	0.00E+00	2.97E-05	8.47E-03	0.00E+00	0.00E+00	8.54E-03	3.50E-03	0.00E+00	5.39E-03	0.00E+00	0.00E+00	8.47E-03	0.00E+00	0.00E+00	8.54E-03
1443	ALL		485025	3718025	NonCancer	0.00E+00	2.65E-05	7.43E-03	0.00E+00	0.00E+00	7.49E-03	3.12E-03	0.00E+00	4.81E-03	0.00E+00	0.00E+00	7.43E-03	0.00E+00	0.00E+00	7.49E-03
1444	ALL		485075	3718025	NonCancer	0.00E+00	2.38E-05	6.61E-03	0.00E+00	0.00E+00	6.67E-03	2.80E-03	0.00E+00	4.32E-03	0.00E+00	0.00E+00	6.61E-03	0.00E+00	0.00E+00	6.67E-03
1445	ALL		485125	3718025	NonCancer	0.00E+00	2.18E-05	6.04E-03	0.00E+00	0.00E+00	6.09E-03	2.56E-03	0.00E+00	3.95E-03	0.00E+00	0.00E+00	6.04E-03	0.00E+00	0.00E+00	6.09E-03
1446	ALL		485175	3718025	NonCancer	0.00E+00	2.04E-05	5.66E-03	0.00E+00	0.00E+00	5.71E-03	2.40E-03	0.00E+00	3.70E-03	0.00E+00	0.00E+00	5.66E-03	0.00E+00	0.00E+00	5.71E-03
1447	ALL		485225	3718025	NonCancer	0.00E+00	1.86E-05	5.16E-03	0.00E+00	0.00E+00	5.21E-03	2.19E-03	0.00E+00	3.37E-03	0.00E+00	0.00E+00	5.16E-03	0.00E+00	0.00E+00	5.21E-03
1448	ALL		485275	3718025	NonCancer	0.00E+00	1.66E-05	4.62E-03	0.00E+00	0.00E+00	4.66E-03	1.96E-03	0.00E+00	3.01E-03	0.00E+00	0.00E+00	4.62E-03	0.00E+00	0.00E+00	4.66E-03
1449	ALL		485325	3718025	NonCancer	0.00E+00	1.55E-05	4.32E-03	0.00E+00	0.00E+00	4.36E-03	1.83E-03	0.00E+00	2.82E-03	0.00E+00	0.00E+00	4.32E-03	0.00E+00	0.00E+00	4.36E-03
1450	ALL		485375	3718025	NonCancer	0.00E+00	1.45E-05	4.04E-03	0.00E+00	0.00E+00	4.08E-03	1.71E-03	0.00E+00	2.64E-03	0.00E+00	0.00E+00	4.04E-03	0.00E+00	0.00E+00	4.08E-03
1451	ALL		485425	3718025	NonCancer	0.00E+00	1.41E-05	3.91E-03	0.00E+00	0.00E+00	3.95E-03	1.66E-03	0.00E+00	2.56E-03	0.00E+00	0.00E+00	3.91E-03	0.00E+00	0.00E+00	3.95E-03
1452	ALL		485475	3718025	NonCancer	0.00E+00	1.34E-05	3.72E-03	0.00E+00	0.00E+00	3.75E-03	1.58E-03	0.00E+00	2.43E-03	0.00E+00	0.00E+00	3.72E-03	0.00E+00	0.00E+00	3.75E-03
1453	ALL		482925	3718075	NonCancer	0.00E+00	2.11E-05	5.49E-03	0.00E+00	0.00E+00	5.54E-03	2.49E-03	0.00E+00	3.83E-03	0.00E+00	0.00E+00	5.49E-03	0.00E+00	0.00E+00	5.54E-03
1454	ALL		482975	3718075	NonCancer	0.00E+00	2.01E-05	5.29E-03	0.00E+00	0.00E+00	5.33E-03	2.37E-03	0.00E+00	3.66E-03	0.00E+00	0.00E+00	5.29E-03	0.00E+00	0.00E+00	5.33E-03
1455	ALL		483025	3718075	NonCancer	0.00E+00	2.09E-05	5.49E-03	0.00E+00	0.00E+00	5.54E-03	2.46E-03	0.00E+00	3.79E-03	0.00E+00	0.00E+00	5.49E-03	0.00E+00	0.00E+00	5.54E-03
1456	ALL		483075	3718075	NonCancer	0.00E+00	2.16E-05	5.68E-03	0.00E+00	0.00E+00	5.73E-03	2.55E-03	0.00E+00	3.92E-03	0.00E+00	0.00E+00	5.68E-03	0.00E+00	0.00E+00	5.73E-03
1457	ALL		483125	3718075	NonCancer	0.00E+00	2.40E-05	6.26E-03	0.00E+00	0.00E+00	6.31E-03	2.82E-03	0.00E+00	4.35E-03	0.00E+00	0.00E+00	6.26E-03	0.00E+00	0.00E+00	6.31E-03
1458	ALL		483175	3718075	NonCancer	0.00E+00	2.60E-05	6.77E-03	0.00E+00	0.00E+00	6.83E-03	3.07E-03	0.00E+00	4.73E-03	0.00E+00	0.00E+00	6.77E-03	0.00E+00	0.00E+00	6.83E-03
1459	ALL		483225	3718075	NonCancer	0.00E+00	3.07E-05	7.88E-03	0.00E+00	0.00E+00	7.95E-03	3.62E-03	0.00E+00	5.57E-03	0.00E+00	0.00E+00	7.88E-03	0.00E+00	0.00E+00	7.95E-03
1460	ALL		483275	3718075	NonCancer	0.00E+00	2.75E-05	7.16E-03	0.00E+00	0.00E+00	7.22E-03	3.24E-03	0.00E+00	4.99E-03	0.00E+00	0.00E+00	7.16E-03	0.00E+00	0.00E+00	7.22E-03
1461	ALL		483325	3718075	NonCancer	0.00E+00	2.89E-05	7.50E-03	0.00E+00	0.00E+00	7.57E-03	3.40E-03	0.00E+00	5.24E-03	0.00E+00	0.00E+00	7.50E-03	0.00E+00	0.00E+00	7.57E-03
1462	ALL		483375	3718075	NonCancer	0.00E+00	3.01E-05	7.81E-03	0.00E+00	0.00E+00	7.88E-03	3.54E-03	0.00E+00	5.46E-03	0.00E+00	0.00E+00	7.81E-03	0.00E+00	0.00E+00	7.88E-03
1463	ALL		483425	3718075	NonCancer	0.00E+00	3.21E-05	8.33E-03	0.00E+00	0.00E+00	8.40E-03	3.78E-03	0.00E+00	5.83E-03	0.00E+00	0.00E+00	8.33E-03	0.00E+00	0.00E+00	8.40E-03
1464	ALL		483475	3718075	NonCancer	0.00E+00	3.35E-05	8.70E-03	0.00E+00	0.00E+00	8.78E-03	3.94E-03	0.00E+00	6.08E-03	0.00E+00	0.00E+00	8.70E-03	0.00E+00	0.00E+00	8.78E-03
1465	ALL		483525	3718075	NonCancer	0.00E+00	3.51E-05	9.18E-03	0.00E+00	0.00E+00	9.26E-03	4.14E-03	0.00E+00	6.38E-03	0.00E+00	0.00E+00	9.18E-03	0.00E+00	0.00E+00	9.26E-03
1466	ALL		483575	3718075	NonCancer	0.00E+00	3.68E-05	9.71E-03	0.00E+00	0.00E+00	9.79E-03	4.33E-03	0.00E+00	6.68E-03	0.00E+00	0.00E+00	9.71E-03	0.00E+00	0.00E+00	9.79E-03
1467	ALL		483625	3718075	NonCancer	0.00E+00	3.94E-05	1.05E-02	0.00E+00	0.00E+00	1.06E-02	4.64E-03	0.00E+00	7.16E-03	0.00E+00	0.00E+00	1.05E-02	0.00E+00	0.00E+00	1.06E-02
1468	ALL		483675	3718075	NonCancer	0.00E+00	4.27E-05	1.15E-02	0.00E+00	0.00E+00	1.16E-02	5.03E-03	0.00E+00	7.75E-03	0.00E+00	0.00E+00	1.15E-02	0.00E+00	0.00E+00	1.16E-02
1469	ALL		483725	3718075	NonCancer	0.00E+00	5.24E-05	1.41E-02	0.00E+00	0.00E+00	1.42E-02	6.17E-03	0.00E+00	9.51E-03	0.00E+00	0.00E+00	1.41E-02	0.00E+00	0.00E+00	1.42E-02
1470	ALL		483775	3718075	NonCancer	0.00E+00	5.96E-05	1.61E-02	0.00E+00	0.00E+00	1.63E-02	7.02E-03	0.00E+00	1.08E-02	0.00E+00	0.00E+00	1.61E-02	0.00E+00	0.00E+00	1.63E-02
1471	ALL		483825	3718075	NonCancer	0.00E+00	5.83E-05	1.63E-02	0.00E+00	0.00E+00	1.64E-02	6.86E-03	0.00E+00	1.06E-02	0.00E+00	0.00E+00	1.63E-02	0.00E+00	0.00E+00	1.64E-02
1472	ALL		483875	3718075	NonCancer	0.00E+00	6.38E-05	1.82E-02	0.00E+00	0.00E+00	1.83E-02	7.52E-03	0.00E+00	1.16E-02	0.00E+00	0.00E+00	1.82E-02	0.00E+00	0.00E+00	1.83E-02
1473	ALL		483925	3718075	NonCancer	0.00E+00	7.43E-05	2.11E-02	0.00E+00	0.00E+00	2.13E-02	8.76E-03	0.00E+00	1.35E-02	0.00E+00	0.00E+00	2.11E-02	0.00E+00	0.00E+00	2.13E-02
1474	ALL		483975	3718075	NonCancer	0.00E+00	9.34E-05	2.65E-02	0.00E+00	0.00E+00	2.67E-02	1.10E-02	0.00E+00	1.70E-02	0.00E+00	0.00E+00	2.65E-02	0.00E+00	0.00E+00	2.67E-02
1475	ALL		484025	3718075	NonCancer	0.00E+00	1.71E-04	4.53E-02	0.00E+00	0.00E+00	4.57E-02	2.02E-02	0.00E+00	3.11E-02	0.00E+00	0.00E+00	4.53E-02	0.00E+00	0.00E+00	4.57E-02
1476	ALL		484525	3718075	NonCancer	0.00E+00	1.11E-04	3.32E-02	0.00E+00	0.00E+00	3.35E-02	1.31E-02	0.00E+00	2.02E-02	0.00E+00	0.00E+00	3.32E-02	0.00E+00	0.00E+00	3.35E-02
1477	ALL		484575	3718075	NonCancer	0.00E+00	9.89E-05	2.76E-02	0.00E+00	0.00E+00	2.78E-02	1.17E-02	0.00E+00	1.80E-02	0.00E+00	0.00E+00	2.76E-02	0.00E+00	0.00E+00	2.78E-02
1478	ALL		484625	3718075	NonCancer	0.00E+00	7.93E-05	2.19E-02	0.00E+00	0.00E+00	2.21E-02	9.34E-03	0.00E+00	1.44E-02	0.00E+00	0.00E+00	2.19E-02	0.00E+00	0.00E+00	2.21E-02
1479	ALL		484675	3718075	NonCancer	0.00E+00	5.78E-05	1.68E-02	0.00E+00	0.00E+00	1.69E-02	6.81E-03	0.00E+00	1.05E-02	0.00E+00	0.00E+00	1.68E-02	0.00E+00	0.00E+00	1.69E-02
1480	ALL		484725	3718075	NonCancer	0.00E+00	4.68E-05	1.39E-02	0.00E+00	0.00E+00	1.40E-02	5.51E-03	0.00E+00	8.49E-03	0.00E+00	0.00E+00	1.39E-02	0.00E+00	0.00E+00	1.40E-02
1481	ALL		484775	3718075	NonCancer	0.00E+00	4.36E-05	1.28E-02	0.00E+00	0.00E+00	1.29E-02	5.14E-03	0.00E+00	7.92E-03	0.00E+00	0.00E+00	1.28E-02	0.00E+00	0.00E+00	1.29E-02
1482	ALL		484825	3718075	NonCancer	0.00E+00	4.05E-05	1.17E-02	0.00E+00	0.00E+00	1.18E-02	4.77E-03	0.00E+00	7.35E-03	0.00E+00	0.00E+00	1.17E-02	0.00E+00	0.00E+00	1.18E-02
1483	ALL		484875	3718075	NonCancer	0.00E+00	3.71E-05	1.05E-02	0.00E+00	0.00E+00	1.06E-02	4.37E-03	0.00E+00	6.74E-03	0.00E+00	0.00E+00	1.05E-02	0.00E+00	0.00E+00	1.06E-02
1484	ALL		484925	3718075	NonCancer	0.00E+00	3.36E-05	9.64E-03	0.00E+00	0.00E+00	9.72E-03	3.95E-03	0.00E+00	6.09E-03	0.00E+00	0.00E+00	9.64E-03	0.00E+00	0.00E+00	9.72E-03
1485	ALL		484975	3718075	NonCancer	0.00E+00	3.02E-05	8.76E-03	0.00E+00	0.00E+00	8.83E-03	3.56E-03	0.00E+00	5.49E-03	0.00E+00	0.00E+00	8.76E-03	0.00E+00	0.00E+00	8.83E-03

*HARP - HRACalc v19044 3/19/2020 1:54:44 PM - Acute Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitAcuteHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1486	ALL		485025	3718075	NonCancer	0.00E+00	2.71E-05	7.89E-03	0.00E+00	0.00E+00	7.95E-03	3.19E-03	0.00E+00	4.92E-03	0.00E+00	0.00E+00	7.89E-03	0.00E+00	0.00E+00	7.95E-03
1487	ALL		485075	3718075	NonCancer	0.00E+00	2.45E-05	7.10E-03	0.00E+00	0.00E+00	7.15E-03	2.88E-03	0.00E+00	4.44E-03	0.00E+00	0.00E+00	7.10E-03	0.00E+00	0.00E+00	7.15E-03
1488	ALL		485125	3718075	NonCancer	0.00E+00	2.23E-05	6.41E-03	0.00E+00	0.00E+00	6.46E-03	2.62E-03	0.00E+00	4.05E-03	0.00E+00	0.00E+00	6.41E-03	0.00E+00	0.00E+00	6.46E-03
1489	ALL		485175	3718075	NonCancer	0.00E+00	2.02E-05	5.73E-03	0.00E+00	0.00E+00	5.77E-03	2.37E-03	0.00E+00	3.66E-03	0.00E+00	0.00E+00	5.73E-03	0.00E+00	0.00E+00	5.77E-03
1490	ALL		485225	3718075	NonCancer	0.00E+00	1.87E-05	5.21E-03	0.00E+00	0.00E+00	5.26E-03	2.20E-03	0.00E+00	3.39E-03	0.00E+00	0.00E+00	5.21E-03	0.00E+00	0.00E+00	5.26E-03
1491	ALL		485275	3718075	NonCancer	0.00E+00	1.71E-05	4.72E-03	0.00E+00	0.00E+00	4.76E-03	2.01E-03	0.00E+00	3.10E-03	0.00E+00	0.00E+00	4.72E-03	0.00E+00	0.00E+00	4.76E-03
1492	ALL		485325	3718075	NonCancer	0.00E+00	1.59E-05	4.39E-03	0.00E+00	0.00E+00	4.42E-03	1.87E-03	0.00E+00	2.88E-03	0.00E+00	0.00E+00	4.39E-03	0.00E+00	0.00E+00	4.42E-03
1493	ALL		485375	3718075	NonCancer	0.00E+00	1.49E-05	4.12E-03	0.00E+00	0.00E+00	4.15E-03	1.76E-03	0.00E+00	2.71E-03	0.00E+00	0.00E+00	4.12E-03	0.00E+00	0.00E+00	4.15E-03
1494	ALL		485425	3718075	NonCancer	0.00E+00	1.42E-05	3.92E-03	0.00E+00	0.00E+00	3.95E-03	1.67E-03	0.00E+00	2.58E-03	0.00E+00	0.00E+00	3.92E-03	0.00E+00	0.00E+00	3.95E-03
1495	ALL		485475	3718075	NonCancer	0.00E+00	1.35E-05	3.74E-03	0.00E+00	0.00E+00	3.77E-03	1.59E-03	0.00E+00	2.46E-03	0.00E+00	0.00E+00	3.74E-03	0.00E+00	0.00E+00	3.77E-03
1496	ALL		482925	3718125	NonCancer	0.00E+00	2.80E-05	7.03E-03	0.00E+00	0.00E+00	7.09E-03	3.30E-03	0.00E+00	5.08E-03	0.00E+00	0.00E+00	7.03E-03	0.00E+00	0.00E+00	7.09E-03
1497	ALL		482975	3718125	NonCancer	0.00E+00	2.78E-05	7.01E-03	0.00E+00	0.00E+00	7.07E-03	3.28E-03	0.00E+00	5.06E-03	0.00E+00	0.00E+00	7.01E-03	0.00E+00	0.00E+00	7.07E-03
1498	ALL		483025	3718125	NonCancer	0.00E+00	2.67E-05	6.76E-03	0.00E+00	0.00E+00	6.82E-03	3.14E-03	0.00E+00	4.85E-03	0.00E+00	0.00E+00	6.76E-03	0.00E+00	0.00E+00	6.82E-03
1499	ALL		483075	3718125	NonCancer	0.00E+00	2.76E-05	6.98E-03	0.00E+00	0.00E+00	7.05E-03	3.25E-03	0.00E+00	5.01E-03	0.00E+00	0.00E+00	6.98E-03	0.00E+00	0.00E+00	7.05E-03
1500	ALL		483125	3718125	NonCancer	0.00E+00	2.78E-05	7.04E-03	0.00E+00	0.00E+00	7.11E-03	3.28E-03	0.00E+00	5.05E-03	0.00E+00	0.00E+00	7.04E-03	0.00E+00	0.00E+00	7.11E-03
1501	ALL		483175	3718125	NonCancer	0.00E+00	3.03E-05	7.64E-03	0.00E+00	0.00E+00	7.71E-03	3.57E-03	0.00E+00	5.50E-03	0.00E+00	0.00E+00	7.64E-03	0.00E+00	0.00E+00	7.71E-03
1502	ALL		483225	3718125	NonCancer	0.00E+00	4.33E-05	1.13E-02	0.00E+00	0.00E+00	1.14E-02	5.10E-03	0.00E+00	7.86E-03	0.00E+00	0.00E+00	1.13E-02	0.00E+00	0.00E+00	1.14E-02
1503	ALL		483275	3718125	NonCancer	0.00E+00	3.70E-05	9.28E-03	0.00E+00	0.00E+00	9.36E-03	4.36E-03	0.00E+00	6.72E-03	0.00E+00	0.00E+00	9.28E-03	0.00E+00	0.00E+00	9.36E-03
1504	ALL		483325	3718125	NonCancer	0.00E+00	3.16E-05	8.09E-03	0.00E+00	0.00E+00	8.17E-03	3.73E-03	0.00E+00	5.74E-03	0.00E+00	0.00E+00	8.09E-03	0.00E+00	0.00E+00	8.17E-03
1505	ALL		483375	3718125	NonCancer	0.00E+00	3.09E-05	8.00E-03	0.00E+00	0.00E+00	8.07E-03	3.64E-03	0.00E+00	5.61E-03	0.00E+00	0.00E+00	8.00E-03	0.00E+00	0.00E+00	8.07E-03
1506	ALL		483425	3718125	NonCancer	0.00E+00	3.39E-05	8.81E-03	0.00E+00	0.00E+00	8.89E-03	3.99E-03	0.00E+00	6.16E-03	0.00E+00	0.00E+00	8.81E-03	0.00E+00	0.00E+00	8.89E-03
1507	ALL		483475	3718125	NonCancer	0.00E+00	3.42E-05	9.00E-03	0.00E+00	0.00E+00	9.08E-03	4.03E-03	0.00E+00	6.21E-03	0.00E+00	0.00E+00	9.00E-03	0.00E+00	0.00E+00	9.08E-03
1508	ALL		483525	3718125	NonCancer	0.00E+00	3.59E-05	9.54E-03	0.00E+00	0.00E+00	9.62E-03	4.22E-03	0.00E+00	6.51E-03	0.00E+00	0.00E+00	9.54E-03	0.00E+00	0.00E+00	9.62E-03
1509	ALL		483575	3718125	NonCancer	0.00E+00	3.73E-05	1.00E-02	0.00E+00	0.00E+00	1.01E-02	4.40E-03	0.00E+00	6.78E-03	0.00E+00	0.00E+00	1.00E-02	0.00E+00	0.00E+00	1.01E-02
1510	ALL		483625	3718125	NonCancer	0.00E+00	4.02E-05	1.09E-02	0.00E+00	0.00E+00	1.10E-02	4.73E-03	0.00E+00	7.30E-03	0.00E+00	0.00E+00	1.09E-02	0.00E+00	0.00E+00	1.10E-02
1511	ALL		483675	3718125	NonCancer	0.00E+00	4.42E-05	1.20E-02	0.00E+00	0.00E+00	1.21E-02	5.21E-03	0.00E+00	8.03E-03	0.00E+00	0.00E+00	1.20E-02	0.00E+00	0.00E+00	1.21E-02
1512	ALL		483725	3718125	NonCancer	0.00E+00	5.12E-05	1.38E-02	0.00E+00	0.00E+00	1.40E-02	6.03E-03	0.00E+00	9.29E-03	0.00E+00	0.00E+00	1.38E-02	0.00E+00	0.00E+00	1.40E-02
1513	ALL		483775	3718125	NonCancer	0.00E+00	5.71E-05	1.55E-02	0.00E+00	0.00E+00	1.56E-02	6.72E-03	0.00E+00	1.04E-02	0.00E+00	0.00E+00	1.55E-02	0.00E+00	0.00E+00	1.56E-02
1514	ALL		483825	3718125	NonCancer	0.00E+00	6.16E-05	1.68E-02	0.00E+00	0.00E+00	1.69E-02	7.25E-03	0.00E+00	1.12E-02	0.00E+00	0.00E+00	1.68E-02	0.00E+00	0.00E+00	1.69E-02
1515	ALL		483875	3718125	NonCancer	0.00E+00	6.50E-05	1.81E-02	0.00E+00	0.00E+00	1.83E-02	7.66E-03	0.00E+00	1.18E-02	0.00E+00	0.00E+00	1.81E-02	0.00E+00	0.00E+00	1.83E-02
1516	ALL		483925	3718125	NonCancer	0.00E+00	6.97E-05	1.97E-02	0.00E+00	0.00E+00	1.98E-02	8.21E-03	0.00E+00	1.27E-02	0.00E+00	0.00E+00	1.97E-02	0.00E+00	0.00E+00	1.98E-02
1517	ALL		483975	3718125	NonCancer	0.00E+00	8.01E-05	2.28E-02	0.00E+00	0.00E+00	2.30E-02	9.43E-03	0.00E+00	1.45E-02	0.00E+00	0.00E+00	2.28E-02	0.00E+00	0.00E+00	2.30E-02
1518	ALL		484025	3718125	NonCancer	0.00E+00	1.13E-04	3.33E-02	0.00E+00	0.00E+00	3.36E-02	1.33E-02	0.00E+00	2.06E-02	0.00E+00	0.00E+00	3.33E-02	0.00E+00	0.00E+00	3.36E-02
1519	ALL		484525	3718125	NonCancer	0.00E+00	9.84E-05	3.01E-02	0.00E+00	0.00E+00	3.03E-02	1.16E-02	0.00E+00	1.79E-02	0.00E+00	0.00E+00	3.01E-02	0.00E+00	0.00E+00	3.03E-02
1520	ALL		484575	3718125	NonCancer	0.00E+00	8.47E-05	2.54E-02	0.00E+00	0.00E+00	2.56E-02	9.97E-03	0.00E+00	1.54E-02	0.00E+00	0.00E+00	2.54E-02	0.00E+00	0.00E+00	2.56E-02
1521	ALL		484625	3718125	NonCancer	0.00E+00	7.85E-05	2.18E-02	0.00E+00	0.00E+00	2.20E-02	9.25E-03	0.00E+00	1.43E-02	0.00E+00	0.00E+00	2.18E-02	0.00E+00	0.00E+00	2.20E-02
1522	ALL		484675	3718125	NonCancer	0.00E+00	6.54E-05	1.80E-02	0.00E+00	0.00E+00	1.82E-02	7.71E-03	0.00E+00	1.19E-02	0.00E+00	0.00E+00	1.80E-02	0.00E+00	0.00E+00	1.82E-02
1523	ALL		484725	3718125	NonCancer	0.00E+00	5.03E-05	1.40E-02	0.00E+00	0.00E+00	1.41E-02	5.92E-03	0.00E+00	9.13E-03	0.00E+00	0.00E+00	1.40E-02	0.00E+00	0.00E+00	1.41E-02
1524	ALL		484775	3718125	NonCancer	0.00E+00	3.89E-05	1.13E-02	0.00E+00	0.00E+00	1.14E-02	4.58E-03	0.00E+00	7.05E-03	0.00E+00	0.00E+00	1.13E-02	0.00E+00	0.00E+00	1.14E-02
1525	ALL		484825	3718125	NonCancer	0.00E+00	3.43E-05	1.01E-02	0.00E+00	0.00E+00	1.02E-02	4.04E-03	0.00E+00	6.22E-03	0.00E+00	0.00E+00	1.01E-02	0.00E+00	0.00E+00	1.02E-02
1526	ALL		484875	3718125	NonCancer	0.00E+00	3.28E-05	9.59E-03	0.00E+00	0.00E+00	9.66E-03	3.87E-03	0.00E+00	5.96E-03	0.00E+00	0.00E+00	9.59E-03	0.00E+00	0.00E+00	9.66E-03
1527	ALL		484925	3718125	NonCancer	0.00E+00	3.10E-05	8.94E-03	0.00E+00	0.00E+00	9.01E-03	3.65E-03	0.00E+00	5.63E-03	0.00E+00	0.00E+00	8.94E-03	0.00E+00	0.00E+00	9.01E-03
1528	ALL		484975	3718125	NonCancer	0.00E+00	2.91E-05	8.26E-03	0.00E+00	0.00E+00	8.33E-03	3.42E-03	0.00E+00	5.27E-03	0.00E+00	0.00E+00	8.26E-03	0.00E+00	0.00E+00	8.33E-03
1529	ALL		485025	3718125	NonCancer	0.00E+00	2.69E-05	7.55E-03	0.00E+00	0.00E+00	7.62E-03	3.17E-03	0.00E+00	4.89E-03	0.00E+00	0.00E+00	7.55E-03	0.00E+00	0.00E+00	7.62E-03
1530	ALL		485075	3718125	NonCancer	0.00E+00	2.48E-05	6.97E-03	0.00E+00	0.00E+00	7.03E-03	2.92E-03	0.00E+00	4.50E-03	0.00E+00	0.00E+00	6.97E-03	0.00E+00	0.00E+00	7.03E-03

*HARP - HRACalc v19044 3/19/2020 1:54:44 PM - Acute Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitAcuteHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1531	ALL		485125	3718125	NonCancer	0.00E+00	2.26E-05	6.45E-03	0.00E+00	0.00E+00	6.50E-03	2.67E-03	0.00E+00	4.11E-03	0.00E+00	0.00E+00	6.45E-03	0.00E+00	0.00E+00	6.50E-03
1532	ALL		485175	3718125	NonCancer	0.00E+00	2.06E-05	5.90E-03	0.00E+00	0.00E+00	5.95E-03	2.42E-03	0.00E+00	3.73E-03	0.00E+00	0.00E+00	5.90E-03	0.00E+00	0.00E+00	5.95E-03
1533	ALL		485225	3718125	NonCancer	0.00E+00	1.86E-05	5.36E-03	0.00E+00	0.00E+00	5.40E-03	2.19E-03	0.00E+00	3.37E-03	0.00E+00	0.00E+00	5.36E-03	0.00E+00	0.00E+00	5.40E-03
1534	ALL		485275	3718125	NonCancer	0.00E+00	1.70E-05	4.89E-03	0.00E+00	0.00E+00	4.93E-03	2.00E-03	0.00E+00	3.09E-03	0.00E+00	0.00E+00	4.89E-03	0.00E+00	0.00E+00	4.93E-03
1535	ALL		485325	3718125	NonCancer	0.00E+00	1.58E-05	4.50E-03	0.00E+00	0.00E+00	4.54E-03	1.85E-03	0.00E+00	2.86E-03	0.00E+00	0.00E+00	4.50E-03	0.00E+00	0.00E+00	4.54E-03
1536	ALL		485375	3718125	NonCancer	0.00E+00	1.50E-05	4.22E-03	0.00E+00	0.00E+00	4.26E-03	1.76E-03	0.00E+00	2.72E-03	0.00E+00	0.00E+00	4.22E-03	0.00E+00	0.00E+00	4.26E-03
1537	ALL		485425	3718125	NonCancer	0.00E+00	1.43E-05	3.98E-03	0.00E+00	0.00E+00	4.01E-03	1.68E-03	0.00E+00	2.60E-03	0.00E+00	0.00E+00	3.98E-03	0.00E+00	0.00E+00	4.01E-03
1538	ALL		485475	3718125	NonCancer	0.00E+00	1.36E-05	3.76E-03	0.00E+00	0.00E+00	3.79E-03	1.61E-03	0.00E+00	2.48E-03	0.00E+00	0.00E+00	3.76E-03	0.00E+00	0.00E+00	3.79E-03
1539	ALL		482925	3718175	NonCancer	0.00E+00	4.32E-05	1.18E-02	0.00E+00	0.00E+00	1.19E-02	5.09E-03	0.00E+00	7.84E-03	0.00E+00	0.00E+00	1.18E-02	0.00E+00	0.00E+00	1.19E-02
1540	ALL		482975	3718175	NonCancer	0.00E+00	4.51E-05	1.23E-02	0.00E+00	0.00E+00	1.24E-02	5.31E-03	0.00E+00	8.18E-03	0.00E+00	0.00E+00	1.23E-02	0.00E+00	0.00E+00	1.24E-02
1541	ALL		483025	3718175	NonCancer	0.00E+00	4.62E-05	1.26E-02	0.00E+00	0.00E+00	1.27E-02	5.44E-03	0.00E+00	8.39E-03	0.00E+00	0.00E+00	1.26E-02	0.00E+00	0.00E+00	1.27E-02
1542	ALL		483075	3718175	NonCancer	0.00E+00	3.54E-05	9.00E-03	0.00E+00	0.00E+00	9.08E-03	4.16E-03	0.00E+00	6.42E-03	0.00E+00	0.00E+00	9.00E-03	0.00E+00	0.00E+00	9.08E-03
1543	ALL		483125	3718175	NonCancer	0.00E+00	3.43E-05	8.54E-03	0.00E+00	0.00E+00	8.62E-03	4.04E-03	0.00E+00	6.23E-03	0.00E+00	0.00E+00	8.54E-03	0.00E+00	0.00E+00	8.62E-03
1544	ALL		483175	3718175	NonCancer	0.00E+00	3.29E-05	8.27E-03	0.00E+00	0.00E+00	8.35E-03	3.88E-03	0.00E+00	5.98E-03	0.00E+00	0.00E+00	8.27E-03	0.00E+00	0.00E+00	8.35E-03
1545	ALL		483225	3718175	NonCancer	0.00E+00	4.87E-05	1.31E-02	0.00E+00	0.00E+00	1.33E-02	5.73E-03	0.00E+00	8.83E-03	0.00E+00	0.00E+00	1.31E-02	0.00E+00	0.00E+00	1.33E-02
1546	ALL		483275	3718175	NonCancer	0.00E+00	4.22E-05	1.07E-02	0.00E+00	0.00E+00	1.08E-02	4.97E-03	0.00E+00	7.66E-03	0.00E+00	0.00E+00	1.07E-02	0.00E+00	0.00E+00	1.08E-02
1547	ALL		483325	3718175	NonCancer	0.00E+00	3.27E-05	8.46E-03	0.00E+00	0.00E+00	8.54E-03	3.86E-03	0.00E+00	5.94E-03	0.00E+00	0.00E+00	8.46E-03	0.00E+00	0.00E+00	8.54E-03
1548	ALL		483375	3718175	NonCancer	0.00E+00	3.26E-05	8.54E-03	0.00E+00	0.00E+00	8.61E-03	3.84E-03	0.00E+00	5.93E-03	0.00E+00	0.00E+00	8.54E-03	0.00E+00	0.00E+00	8.61E-03
1549	ALL		483425	3718175	NonCancer	0.00E+00	3.33E-05	8.79E-03	0.00E+00	0.00E+00	8.87E-03	3.92E-03	0.00E+00	6.04E-03	0.00E+00	0.00E+00	8.79E-03	0.00E+00	0.00E+00	8.87E-03
1550	ALL		483475	3718175	NonCancer	0.00E+00	3.47E-05	9.25E-03	0.00E+00	0.00E+00	9.33E-03	4.09E-03	0.00E+00	6.30E-03	0.00E+00	0.00E+00	9.25E-03	0.00E+00	0.00E+00	9.33E-03
1551	ALL		483525	3718175	NonCancer	0.00E+00	3.63E-05	9.74E-03	0.00E+00	0.00E+00	9.82E-03	4.28E-03	0.00E+00	6.60E-03	0.00E+00	0.00E+00	9.74E-03	0.00E+00	0.00E+00	9.82E-03
1552	ALL		483575	3718175	NonCancer	0.00E+00	4.00E-05	1.07E-02	0.00E+00	0.00E+00	1.08E-02	4.71E-03	0.00E+00	7.26E-03	0.00E+00	0.00E+00	1.07E-02	0.00E+00	0.00E+00	1.08E-02
1553	ALL		483625	3718175	NonCancer	0.00E+00	4.32E-05	1.16E-02	0.00E+00	0.00E+00	1.17E-02	5.09E-03	0.00E+00	7.84E-03	0.00E+00	0.00E+00	1.16E-02	0.00E+00	0.00E+00	1.17E-02
1554	ALL		483675	3718175	NonCancer	0.00E+00	4.52E-05	1.22E-02	0.00E+00	0.00E+00	1.23E-02	5.32E-03	0.00E+00	8.20E-03	0.00E+00	0.00E+00	1.22E-02	0.00E+00	0.00E+00	1.23E-02
1555	ALL		483725	3718175	NonCancer	0.00E+00	4.85E-05	1.31E-02	0.00E+00	0.00E+00	1.32E-02	5.72E-03	0.00E+00	8.81E-03	0.00E+00	0.00E+00	1.31E-02	0.00E+00	0.00E+00	1.32E-02
1556	ALL		483775	3718175	NonCancer	0.00E+00	5.44E-05	1.47E-02	0.00E+00	0.00E+00	1.48E-02	6.41E-03	0.00E+00	9.88E-03	0.00E+00	0.00E+00	1.47E-02	0.00E+00	0.00E+00	1.48E-02
1557	ALL		483825	3718175	NonCancer	0.00E+00	6.00E-05	1.63E-02	0.00E+00	0.00E+00	1.65E-02	7.06E-03	0.00E+00	1.09E-02	0.00E+00	0.00E+00	1.63E-02	0.00E+00	0.00E+00	1.65E-02
1558	ALL		483875	3718175	NonCancer	0.00E+00	6.35E-05	1.73E-02	0.00E+00	0.00E+00	1.75E-02	7.48E-03	0.00E+00	1.15E-02	0.00E+00	0.00E+00	1.73E-02	0.00E+00	0.00E+00	1.75E-02
1559	ALL		483925	3718175	NonCancer	0.00E+00	6.44E-05	1.84E-02	0.00E+00	0.00E+00	1.85E-02	7.58E-03	0.00E+00	1.17E-02	0.00E+00	0.00E+00	1.84E-02	0.00E+00	0.00E+00	1.85E-02
1560	ALL		483975	3718175	NonCancer	0.00E+00	6.92E-05	2.13E-02	0.00E+00	0.00E+00	2.14E-02	8.15E-03	0.00E+00	1.26E-02	0.00E+00	0.00E+00	2.13E-02	0.00E+00	0.00E+00	2.14E-02
1561	ALL		484025	3718175	NonCancer	0.00E+00	8.94E-05	2.60E-02	0.00E+00	0.00E+00	2.62E-02	1.05E-02	0.00E+00	1.62E-02	0.00E+00	0.00E+00	2.60E-02	0.00E+00	0.00E+00	2.62E-02
1562	ALL		484075	3718175	NonCancer	0.00E+00	1.86E-04	4.92E-02	0.00E+00	0.00E+00	4.97E-02	2.20E-02	0.00E+00	3.39E-02	0.00E+00	0.00E+00	4.92E-02	0.00E+00	0.00E+00	4.97E-02
1563	ALL		484525	3718175	NonCancer	0.00E+00	7.97E-05	2.30E-02	0.00E+00	0.00E+00	2.32E-02	9.39E-03	0.00E+00	1.45E-02	0.00E+00	0.00E+00	2.30E-02	0.00E+00	0.00E+00	2.32E-02
1564	ALL		484575	3718175	NonCancer	0.00E+00	7.56E-05	2.31E-02	0.00E+00	0.00E+00	2.32E-02	8.91E-03	0.00E+00	1.37E-02	0.00E+00	0.00E+00	2.31E-02	0.00E+00	0.00E+00	2.32E-02
1565	ALL		484625	3718175	NonCancer	0.00E+00	6.90E-05	2.07E-02	0.00E+00	0.00E+00	2.09E-02	8.13E-03	0.00E+00	1.25E-02	0.00E+00	0.00E+00	2.07E-02	0.00E+00	0.00E+00	2.09E-02
1566	ALL		484675	3718175	NonCancer	0.00E+00	6.50E-05	1.81E-02	0.00E+00	0.00E+00	1.83E-02	7.65E-03	0.00E+00	1.18E-02	0.00E+00	0.00E+00	1.81E-02	0.00E+00	0.00E+00	1.83E-02
1567	ALL		484725	3718175	NonCancer	0.00E+00	5.59E-05	1.53E-02	0.00E+00	0.00E+00	1.54E-02	6.58E-03	0.00E+00	1.01E-02	0.00E+00	0.00E+00	1.53E-02	0.00E+00	0.00E+00	1.54E-02
1568	ALL		484775	3718175	NonCancer	0.00E+00	4.45E-05	1.23E-02	0.00E+00	0.00E+00	1.24E-02	5.24E-03	0.00E+00	8.08E-03	0.00E+00	0.00E+00	1.23E-02	0.00E+00	0.00E+00	1.24E-02
1569	ALL		484825	3718175	NonCancer	0.00E+00	3.47E-05	9.75E-03	0.00E+00	0.00E+00	9.83E-03	4.09E-03	0.00E+00	6.30E-03	0.00E+00	0.00E+00	9.75E-03	0.00E+00	0.00E+00	9.83E-03
1570	ALL		484875	3718175	NonCancer	0.00E+00	2.94E-05	8.47E-03	0.00E+00	0.00E+00	8.54E-03	3.46E-03	0.00E+00	5.34E-03	0.00E+00	0.00E+00	8.47E-03	0.00E+00	0.00E+00	8.54E-03
1571	ALL		484925	3718175	NonCancer	0.00E+00	2.68E-05	7.83E-03	0.00E+00	0.00E+00	7.89E-03	3.16E-03	0.00E+00	4.87E-03	0.00E+00	0.00E+00	7.83E-03	0.00E+00	0.00E+00	7.89E-03
1572	ALL		484975	3718175	NonCancer	0.00E+00	2.58E-05	7.47E-03	0.00E+00	0.00E+00	7.53E-03	3.04E-03	0.00E+00	4.68E-03	0.00E+00	0.00E+00	7.47E-03	0.00E+00	0.00E+00	7.53E-03
1573	ALL		485025	3718175	NonCancer	0.00E+00	2.48E-05	7.13E-03	0.00E+00	0.00E+00	7.19E-03	2.92E-03	0.00E+00	4.50E-03	0.00E+00	0.00E+00	7.13E-03	0.00E+00	0.00E+00	7.19E-03
1574	ALL		485075	3718175	NonCancer	0.00E+00	2.36E-05	6.71E-03	0.00E+00	0.00E+00	6.77E-03	2.78E-03	0.00E+00	4.28E-03	0.00E+00	0.00E+00	6.71E-03	0.00E+00	0.00E+00	6.77E-03
1575	ALL		485125	3718175	NonCancer	0.00E+00	2.21E-05	6.21E-03	0.00E+00	0.00E+00	6.26E-03	2.60E-03	0.00E+00	4.01E-03	0.00E+00	0.00E+00	6.21E-03	0.00E+00	0.00E+00	6.26E-03

*HARP - HRACalc v19044 3/19/2020 1:54:44 PM - Acute Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitAcuteHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1576	ALL		485175	3718175	NonCancer	0.00E+00	2.08E-05	5.80E-03	0.00E+00	0.00E+00	5.85E-03	2.46E-03	0.00E+00	3.78E-03	0.00E+00	0.00E+00	5.80E-03	0.00E+00	0.00E+00	5.85E-03
1577	ALL		485225	3718175	NonCancer	0.00E+00	1.91E-05	5.26E-03	0.00E+00	0.00E+00	5.31E-03	2.25E-03	0.00E+00	3.46E-03	0.00E+00	0.00E+00	5.26E-03	0.00E+00	0.00E+00	5.31E-03
1578	ALL		485275	3718175	NonCancer	0.00E+00	1.74E-05	4.88E-03	0.00E+00	0.00E+00	4.92E-03	2.05E-03	0.00E+00	3.16E-03	0.00E+00	0.00E+00	4.88E-03	0.00E+00	0.00E+00	4.92E-03
1579	ALL		485325	3718175	NonCancer	0.00E+00	1.62E-05	4.57E-03	0.00E+00	0.00E+00	4.61E-03	1.90E-03	0.00E+00	2.93E-03	0.00E+00	0.00E+00	4.57E-03	0.00E+00	0.00E+00	4.61E-03
1580	ALL		485375	3718175	NonCancer	0.00E+00	1.49E-05	4.25E-03	0.00E+00	0.00E+00	4.29E-03	1.75E-03	0.00E+00	2.70E-03	0.00E+00	0.00E+00	4.25E-03	0.00E+00	0.00E+00	4.29E-03
1581	ALL		485425	3718175	NonCancer	0.00E+00	1.39E-05	3.97E-03	0.00E+00	0.00E+00	4.00E-03	1.63E-03	0.00E+00	2.52E-03	0.00E+00	0.00E+00	3.97E-03	0.00E+00	0.00E+00	4.00E-03
1582	ALL		485475	3718175	NonCancer	0.00E+00	1.33E-05	3.80E-03	0.00E+00	0.00E+00	3.83E-03	1.57E-03	0.00E+00	2.42E-03	0.00E+00	0.00E+00	3.80E-03	0.00E+00	0.00E+00	3.83E-03
1583	ALL		482925	3718225	NonCancer	0.00E+00	5.10E-05	1.47E-02	0.00E+00	0.00E+00	1.48E-02	6.01E-03	0.00E+00	9.26E-03	0.00E+00	0.00E+00	1.47E-02	0.00E+00	0.00E+00	1.48E-02
1584	ALL		482975	3718225	NonCancer	0.00E+00	5.22E-05	1.52E-02	0.00E+00	0.00E+00	1.53E-02	6.14E-03	0.00E+00	9.47E-03	0.00E+00	0.00E+00	1.52E-02	0.00E+00	0.00E+00	1.53E-02
1585	ALL		483025	3718225	NonCancer	0.00E+00	5.42E-05	1.56E-02	0.00E+00	0.00E+00	1.58E-02	6.38E-03	0.00E+00	9.84E-03	0.00E+00	0.00E+00	1.56E-02	0.00E+00	0.00E+00	1.58E-02
1586	ALL		483075	3718225	NonCancer	0.00E+00	5.40E-05	1.52E-02	0.00E+00	0.00E+00	1.54E-02	6.36E-03	0.00E+00	9.81E-03	0.00E+00	0.00E+00	1.52E-02	0.00E+00	0.00E+00	1.54E-02
1587	ALL		483125	3718225	NonCancer	0.00E+00	4.81E-05	1.31E-02	0.00E+00	0.00E+00	1.33E-02	5.66E-03	0.00E+00	8.73E-03	0.00E+00	0.00E+00	1.31E-02	0.00E+00	0.00E+00	1.33E-02
1588	ALL		483175	3718225	NonCancer	0.00E+00	4.41E-05	1.18E-02	0.00E+00	0.00E+00	1.19E-02	5.20E-03	0.00E+00	8.01E-03	0.00E+00	0.00E+00	1.18E-02	0.00E+00	0.00E+00	1.19E-02
1589	ALL		483225	3718225	NonCancer	0.00E+00	4.02E-05	1.04E-02	0.00E+00	0.00E+00	1.05E-02	4.73E-03	0.00E+00	7.29E-03	0.00E+00	0.00E+00	1.04E-02	0.00E+00	0.00E+00	1.05E-02
1590	ALL		483275	3718225	NonCancer	0.00E+00	4.02E-05	1.02E-02	0.00E+00	0.00E+00	1.03E-02	4.73E-03	0.00E+00	7.29E-03	0.00E+00	0.00E+00	1.02E-02	0.00E+00	0.00E+00	1.03E-02
1591	ALL		483325	3718225	NonCancer	0.00E+00	3.59E-05	9.29E-03	0.00E+00	0.00E+00	9.37E-03	4.23E-03	0.00E+00	6.52E-03	0.00E+00	0.00E+00	9.29E-03	0.00E+00	0.00E+00	9.37E-03
1592	ALL		483375	3718225	NonCancer	0.00E+00	3.39E-05	8.90E-03	0.00E+00	0.00E+00	8.98E-03	3.99E-03	0.00E+00	6.15E-03	0.00E+00	0.00E+00	8.90E-03	0.00E+00	0.00E+00	8.98E-03
1593	ALL		483425	3718225	NonCancer	0.00E+00	3.86E-05	1.01E-02	0.00E+00	0.00E+00	1.02E-02	4.54E-03	0.00E+00	7.00E-03	0.00E+00	0.00E+00	1.01E-02	0.00E+00	0.00E+00	1.02E-02
1594	ALL		483475	3718225	NonCancer	0.00E+00	3.69E-05	9.76E-03	0.00E+00	0.00E+00	9.84E-03	4.34E-03	0.00E+00	6.70E-03	0.00E+00	0.00E+00	9.76E-03	0.00E+00	0.00E+00	9.84E-03
1595	ALL		483525	3718225	NonCancer	0.00E+00	3.61E-05	9.66E-03	0.00E+00	0.00E+00	9.74E-03	4.26E-03	0.00E+00	6.56E-03	0.00E+00	0.00E+00	9.66E-03	0.00E+00	0.00E+00	9.74E-03
1596	ALL		483575	3718225	NonCancer	0.00E+00	4.09E-05	1.09E-02	0.00E+00	0.00E+00	1.10E-02	4.81E-03	0.00E+00	7.42E-03	0.00E+00	0.00E+00	1.09E-02	0.00E+00	0.00E+00	1.10E-02
1597	ALL		483625	3718225	NonCancer	0.00E+00	5.01E-05	1.31E-02	0.00E+00	0.00E+00	1.32E-02	5.90E-03	0.00E+00	9.09E-03	0.00E+00	0.00E+00	1.31E-02	0.00E+00	0.00E+00	1.32E-02
1598	ALL		483675	3718225	NonCancer	0.00E+00	5.00E-05	1.32E-02	0.00E+00	0.00E+00	1.33E-02	5.89E-03	0.00E+00	9.08E-03	0.00E+00	0.00E+00	1.32E-02	0.00E+00	0.00E+00	1.33E-02
1599	ALL		483725	3718225	NonCancer	0.00E+00	5.04E-05	1.35E-02	0.00E+00	0.00E+00	1.36E-02	5.94E-03	0.00E+00	9.16E-03	0.00E+00	0.00E+00	1.35E-02	0.00E+00	0.00E+00	1.36E-02
1600	ALL		483775	3718225	NonCancer	0.00E+00	5.43E-05	1.46E-02	0.00E+00	0.00E+00	1.47E-02	6.40E-03	0.00E+00	9.86E-03	0.00E+00	0.00E+00	1.46E-02	0.00E+00	0.00E+00	1.47E-02
1601	ALL		483825	3718225	NonCancer	0.00E+00	5.70E-05	1.54E-02	0.00E+00	0.00E+00	1.55E-02	6.72E-03	0.00E+00	1.04E-02	0.00E+00	0.00E+00	1.54E-02	0.00E+00	0.00E+00	1.55E-02
1602	ALL		483875	3718225	NonCancer	0.00E+00	5.95E-05	1.66E-02	0.00E+00	0.00E+00	1.68E-02	7.00E-03	0.00E+00	1.08E-02	0.00E+00	0.00E+00	1.66E-02	0.00E+00	0.00E+00	1.68E-02
1603	ALL		483925	3718225	NonCancer	0.00E+00	6.06E-05	1.81E-02	0.00E+00	0.00E+00	1.83E-02	7.14E-03	0.00E+00	1.10E-02	0.00E+00	0.00E+00	1.81E-02	0.00E+00	0.00E+00	1.83E-02
1604	ALL		483975	3718225	NonCancer	0.00E+00	6.47E-05	1.91E-02	0.00E+00	0.00E+00	1.93E-02	7.61E-03	0.00E+00	1.17E-02	0.00E+00	0.00E+00	1.91E-02	0.00E+00	0.00E+00	1.93E-02
1605	ALL		484025	3718225	NonCancer	0.00E+00	7.53E-05	2.20E-02	0.00E+00	0.00E+00	2.21E-02	8.87E-03	0.00E+00	1.37E-02	0.00E+00	0.00E+00	2.20E-02	0.00E+00	0.00E+00	2.21E-02
1606	ALL		484075	3718225	NonCancer	0.00E+00	1.56E-04	4.10E-02	0.00E+00	0.00E+00	4.13E-02	1.83E-02	0.00E+00	2.83E-02	0.00E+00	0.00E+00	4.10E-02	0.00E+00	0.00E+00	4.13E-02
1607	ALL		484125	3718225	NonCancer	0.00E+00	9.66E-05	2.69E-02	0.00E+00	0.00E+00	2.71E-02	1.14E-02	0.00E+00	1.75E-02	0.00E+00	0.00E+00	2.69E-02	0.00E+00	0.00E+00	2.71E-02
1608	ALL		484175	3718225	NonCancer	0.00E+00	8.59E-05	2.51E-02	0.00E+00	0.00E+00	2.53E-02	1.01E-02	0.00E+00	1.56E-02	0.00E+00	0.00E+00	2.51E-02	0.00E+00	0.00E+00	2.53E-02
1609	ALL		484225	3718225	NonCancer	0.00E+00	8.16E-05	2.41E-02	0.00E+00	0.00E+00	2.43E-02	9.61E-03	0.00E+00	1.48E-02	0.00E+00	0.00E+00	2.41E-02	0.00E+00	0.00E+00	2.43E-02
1610	ALL		484275	3718225	NonCancer	0.00E+00	1.03E-04	2.88E-02	0.00E+00	0.00E+00	2.90E-02	1.22E-02	0.00E+00	1.88E-02	0.00E+00	0.00E+00	2.88E-02	0.00E+00	0.00E+00	2.90E-02
1611	ALL		484325	3718225	NonCancer	0.00E+00	1.07E-04	3.29E-02	0.00E+00	0.00E+00	3.32E-02	1.26E-02	0.00E+00	1.94E-02	0.00E+00	0.00E+00	3.29E-02	0.00E+00	0.00E+00	3.32E-02
1612	ALL		484375	3718225	NonCancer	0.00E+00	9.09E-05	2.84E-02	0.00E+00	0.00E+00	2.86E-02	1.07E-02	0.00E+00	1.65E-02	0.00E+00	0.00E+00	2.84E-02	0.00E+00	0.00E+00	2.86E-02
1613	ALL		484425	3718225	NonCancer	0.00E+00	9.10E-05	2.65E-02	0.00E+00	0.00E+00	2.67E-02	1.07E-02	0.00E+00	1.65E-02	0.00E+00	0.00E+00	2.65E-02	0.00E+00	0.00E+00	2.67E-02
1614	ALL		484475	3718225	NonCancer	0.00E+00	8.25E-05	2.40E-02	0.00E+00	0.00E+00	2.42E-02	9.72E-03	0.00E+00	1.50E-02	0.00E+00	0.00E+00	2.40E-02	0.00E+00	0.00E+00	2.42E-02
1615	ALL		484525	3718225	NonCancer	0.00E+00	6.11E-05	1.74E-02	0.00E+00	0.00E+00	1.76E-02	7.19E-03	0.00E+00	1.11E-02	0.00E+00	0.00E+00	1.74E-02	0.00E+00	0.00E+00	1.76E-02
1616	ALL		484575	3718225	NonCancer	0.00E+00	6.33E-05	1.83E-02	0.00E+00	0.00E+00	1.84E-02	7.46E-03	0.00E+00	1.15E-02	0.00E+00	0.00E+00	1.83E-02	0.00E+00	0.00E+00	1.84E-02
1617	ALL		484625	3718225	NonCancer	0.00E+00	5.97E-05	1.82E-02	0.00E+00	0.00E+00	1.83E-02	7.03E-03	0.00E+00	1.08E-02	0.00E+00	0.00E+00	1.82E-02	0.00E+00	0.00E+00	1.83E-02
1618	ALL		484675	3718225	NonCancer	0.00E+00	5.78E-05	1.73E-02	0.00E+00	0.00E+00	1.74E-02	6.81E-03	0.00E+00	1.05E-02	0.00E+00	0.00E+00	1.73E-02	0.00E+00	0.00E+00	1.74E-02
1619	ALL		484725	3718225	NonCancer	0.00E+00	5.51E-05	1.55E-02	0.00E+00	0.00E+00	1.57E-02	6.49E-03	0.00E+00	1.00E-02	0.00E+00	0.00E+00	1.55E-02	0.00E+00	0.00E+00	1.57E-02
1620	ALL		484775	3718225	NonCancer	0.00E+00	4.84E-05	1.31E-02	0.00E+00	0.00E+00	1.32E-02	5.70E-03	0.00E+00	8.79E-03	0.00E+00	0.00E+00	1.31E-02	0.00E+00	0.00E+00	1.32E-02

*HARP - HRACalc v19044 3/19/2020 1:54:44 PM - Acute Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitAcuteHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1621	ALL		484825	3718225	NonCancer	0.00E+00	3.97E-05	1.08E-02	0.00E+00	0.00E+00	1.09E-02	4.68E-03	0.00E+00	7.21E-03	0.00E+00	0.00E+00	1.08E-02	0.00E+00	0.00E+00	1.09E-02
1622	ALL		484875	3718225	NonCancer	0.00E+00	3.15E-05	8.79E-03	0.00E+00	0.00E+00	8.86E-03	3.71E-03	0.00E+00	5.71E-03	0.00E+00	0.00E+00	8.79E-03	0.00E+00	0.00E+00	8.86E-03
1623	ALL		484925	3718225	NonCancer	0.00E+00	2.63E-05	7.40E-03	0.00E+00	0.00E+00	7.46E-03	3.10E-03	0.00E+00	4.77E-03	0.00E+00	0.00E+00	7.40E-03	0.00E+00	0.00E+00	7.46E-03
1624	ALL		484975	3718225	NonCancer	0.00E+00	2.39E-05	6.77E-03	0.00E+00	0.00E+00	6.82E-03	2.81E-03	0.00E+00	4.33E-03	0.00E+00	0.00E+00	6.77E-03	0.00E+00	0.00E+00	6.82E-03
1625	ALL		485025	3718225	NonCancer	0.00E+00	2.26E-05	6.47E-03	0.00E+00	0.00E+00	6.52E-03	2.66E-03	0.00E+00	4.10E-03	0.00E+00	0.00E+00	6.47E-03	0.00E+00	0.00E+00	6.52E-03
1626	ALL		485075	3718225	NonCancer	0.00E+00	2.12E-05	6.09E-03	0.00E+00	0.00E+00	6.13E-03	2.50E-03	0.00E+00	3.85E-03	0.00E+00	0.00E+00	6.09E-03	0.00E+00	0.00E+00	6.13E-03
1627	ALL		485125	3718225	NonCancer	0.00E+00	2.02E-05	5.77E-03	0.00E+00	0.00E+00	5.82E-03	2.37E-03	0.00E+00	3.66E-03	0.00E+00	0.00E+00	5.77E-03	0.00E+00	0.00E+00	5.82E-03
1628	ALL		485175	3718225	NonCancer	0.00E+00	1.93E-05	5.49E-03	0.00E+00	0.00E+00	5.53E-03	2.27E-03	0.00E+00	3.50E-03	0.00E+00	0.00E+00	5.49E-03	0.00E+00	0.00E+00	5.53E-03
1629	ALL		485225	3718225	NonCancer	0.00E+00	1.84E-05	5.18E-03	0.00E+00	0.00E+00	5.22E-03	2.16E-03	0.00E+00	3.34E-03	0.00E+00	0.00E+00	5.18E-03	0.00E+00	0.00E+00	5.22E-03
1630	ALL		485275	3718225	NonCancer	0.00E+00	1.73E-05	4.84E-03	0.00E+00	0.00E+00	4.88E-03	2.04E-03	0.00E+00	3.14E-03	0.00E+00	0.00E+00	4.84E-03	0.00E+00	0.00E+00	4.88E-03
1631	ALL		485325	3718225	NonCancer	0.00E+00	1.63E-05	4.50E-03	0.00E+00	0.00E+00	4.54E-03	1.92E-03	0.00E+00	2.96E-03	0.00E+00	0.00E+00	4.50E-03	0.00E+00	0.00E+00	4.54E-03
1632	ALL		485375	3718225	NonCancer	0.00E+00	1.52E-05	4.19E-03	0.00E+00	0.00E+00	4.23E-03	1.80E-03	0.00E+00	2.77E-03	0.00E+00	0.00E+00	4.19E-03	0.00E+00	0.00E+00	4.23E-03
1633	ALL		485425	3718225	NonCancer	0.00E+00	1.42E-05	3.93E-03	0.00E+00	0.00E+00	3.96E-03	1.67E-03	0.00E+00	2.58E-03	0.00E+00	0.00E+00	3.93E-03	0.00E+00	0.00E+00	3.96E-03
1634	ALL		485475	3718225	NonCancer	0.00E+00	1.32E-05	3.71E-03	0.00E+00	0.00E+00	3.74E-03	1.56E-03	0.00E+00	2.40E-03	0.00E+00	0.00E+00	3.71E-03	0.00E+00	0.00E+00	3.74E-03
1635	ALL		482925	3718275	NonCancer	0.00E+00	4.65E-05	1.38E-02	0.00E+00	0.00E+00	1.39E-02	5.48E-03	0.00E+00	8.44E-03	0.00E+00	0.00E+00	1.38E-02	0.00E+00	0.00E+00	1.39E-02
1636	ALL		482975	3718275	NonCancer	0.00E+00	4.72E-05	1.40E-02	0.00E+00	0.00E+00	1.41E-02	5.56E-03	0.00E+00	8.57E-03	0.00E+00	0.00E+00	1.40E-02	0.00E+00	0.00E+00	1.41E-02
1637	ALL		483025	3718275	NonCancer	0.00E+00	4.97E-05	1.48E-02	0.00E+00	0.00E+00	1.49E-02	5.86E-03	0.00E+00	9.03E-03	0.00E+00	0.00E+00	1.48E-02	0.00E+00	0.00E+00	1.49E-02
1638	ALL		483075	3718275	NonCancer	0.00E+00	5.34E-05	1.58E-02	0.00E+00	0.00E+00	1.59E-02	6.29E-03	0.00E+00	9.69E-03	0.00E+00	0.00E+00	1.58E-02	0.00E+00	0.00E+00	1.59E-02
1639	ALL		483125	3718275	NonCancer	0.00E+00	5.65E-05	1.64E-02	0.00E+00	0.00E+00	1.66E-02	6.66E-03	0.00E+00	1.03E-02	0.00E+00	0.00E+00	1.64E-02	0.00E+00	0.00E+00	1.66E-02
1640	ALL		483175	3718275	NonCancer	0.00E+00	5.64E-05	1.60E-02	0.00E+00	0.00E+00	1.62E-02	6.64E-03	0.00E+00	1.02E-02	0.00E+00	0.00E+00	1.60E-02	0.00E+00	0.00E+00	1.62E-02
1641	ALL		483225	3718275	NonCancer	0.00E+00	5.30E-05	1.47E-02	0.00E+00	0.00E+00	1.48E-02	6.25E-03	0.00E+00	9.63E-03	0.00E+00	0.00E+00	1.47E-02	0.00E+00	0.00E+00	1.48E-02
1642	ALL		483275	3718275	NonCancer	0.00E+00	4.75E-05	1.28E-02	0.00E+00	0.00E+00	1.29E-02	5.59E-03	0.00E+00	8.62E-03	0.00E+00	0.00E+00	1.28E-02	0.00E+00	0.00E+00	1.29E-02
1643	ALL		483325	3718275	NonCancer	0.00E+00	4.17E-05	1.06E-02	0.00E+00	0.00E+00	1.07E-02	4.91E-03	0.00E+00	7.57E-03	0.00E+00	0.00E+00	1.06E-02	0.00E+00	0.00E+00	1.07E-02
1644	ALL		483375	3718275	NonCancer	0.00E+00	3.61E-05	9.39E-03	0.00E+00	0.00E+00	9.47E-03	4.25E-03	0.00E+00	6.55E-03	0.00E+00	0.00E+00	9.39E-03	0.00E+00	0.00E+00	9.47E-03
1645	ALL		483425	3718275	NonCancer	0.00E+00	4.09E-05	1.06E-02	0.00E+00	0.00E+00	1.07E-02	4.82E-03	0.00E+00	7.43E-03	0.00E+00	0.00E+00	1.06E-02	0.00E+00	0.00E+00	1.07E-02
1646	ALL		483475	3718275	NonCancer	0.00E+00	3.93E-05	1.03E-02	0.00E+00	0.00E+00	1.04E-02	4.63E-03	0.00E+00	7.13E-03	0.00E+00	0.00E+00	1.03E-02	0.00E+00	0.00E+00	1.04E-02
1647	ALL		483525	3718275	NonCancer	0.00E+00	3.93E-05	1.03E-02	0.00E+00	0.00E+00	1.04E-02	4.63E-03	0.00E+00	7.13E-03	0.00E+00	0.00E+00	1.03E-02	0.00E+00	0.00E+00	1.04E-02
1648	ALL		483575	3718275	NonCancer	0.00E+00	4.50E-05	1.17E-02	0.00E+00	0.00E+00	1.18E-02	5.30E-03	0.00E+00	8.16E-03	0.00E+00	0.00E+00	1.17E-02	0.00E+00	0.00E+00	1.18E-02
1649	ALL		483625	3718275	NonCancer	0.00E+00	5.16E-05	1.34E-02	0.00E+00	0.00E+00	1.36E-02	6.08E-03	0.00E+00	9.37E-03	0.00E+00	0.00E+00	1.34E-02	0.00E+00	0.00E+00	1.36E-02
1650	ALL		483675	3718275	NonCancer	0.00E+00	5.20E-05	1.37E-02	0.00E+00	0.00E+00	1.38E-02	6.13E-03	0.00E+00	9.45E-03	0.00E+00	0.00E+00	1.37E-02	0.00E+00	0.00E+00	1.38E-02
1651	ALL		483725	3718275	NonCancer	0.00E+00	5.17E-05	1.37E-02	0.00E+00	0.00E+00	1.38E-02	6.09E-03	0.00E+00	9.38E-03	0.00E+00	0.00E+00	1.37E-02	0.00E+00	0.00E+00	1.38E-02
1652	ALL		483775	3718275	NonCancer	0.00E+00	5.12E-05	1.38E-02	0.00E+00	0.00E+00	1.39E-02	6.04E-03	0.00E+00	9.30E-03	0.00E+00	0.00E+00	1.38E-02	0.00E+00	0.00E+00	1.39E-02
1653	ALL		483825	3718275	NonCancer	0.00E+00	5.14E-05	1.43E-02	0.00E+00	0.00E+00	1.44E-02	6.05E-03	0.00E+00	9.33E-03	0.00E+00	0.00E+00	1.43E-02	0.00E+00	0.00E+00	1.44E-02
1654	ALL		483875	3718275	NonCancer	0.00E+00	5.53E-05	1.61E-02	0.00E+00	0.00E+00	1.62E-02	6.52E-03	0.00E+00	1.00E-02	0.00E+00	0.00E+00	1.61E-02	0.00E+00	0.00E+00	1.62E-02
1655	ALL		483925	3718275	NonCancer	0.00E+00	5.89E-05	1.70E-02	0.00E+00	0.00E+00	1.71E-02	6.93E-03	0.00E+00	1.07E-02	0.00E+00	0.00E+00	1.70E-02	0.00E+00	0.00E+00	1.71E-02
1656	ALL		483975	3718275	NonCancer	0.00E+00	6.02E-05	1.75E-02	0.00E+00	0.00E+00	1.77E-02	7.09E-03	0.00E+00	1.09E-02	0.00E+00	0.00E+00	1.75E-02	0.00E+00	0.00E+00	1.77E-02
1657	ALL		484025	3718275	NonCancer	0.00E+00	6.64E-05	1.94E-02	0.00E+00	0.00E+00	1.95E-02	7.82E-03	0.00E+00	1.21E-02	0.00E+00	0.00E+00	1.94E-02	0.00E+00	0.00E+00	1.95E-02
1658	ALL		484075	3718275	NonCancer	0.00E+00	1.28E-04	3.30E-02	0.00E+00	0.00E+00	3.32E-02	1.51E-02	0.00E+00	2.33E-02	0.00E+00	0.00E+00	3.30E-02	0.00E+00	0.00E+00	3.32E-02
1659	ALL		484125	3718275	NonCancer	0.00E+00	8.83E-05	2.43E-02	0.00E+00	0.00E+00	2.45E-02	1.04E-02	0.00E+00	1.60E-02	0.00E+00	0.00E+00	2.43E-02	0.00E+00	0.00E+00	2.45E-02
1660	ALL		484175	3718275	NonCancer	0.00E+00	7.37E-05	2.14E-02	0.00E+00	0.00E+00	2.15E-02	8.68E-03	0.00E+00	1.34E-02	0.00E+00	0.00E+00	2.14E-02	0.00E+00	0.00E+00	2.15E-02
1661	ALL		484225	3718275	NonCancer	0.00E+00	6.89E-05	2.03E-02	0.00E+00	0.00E+00	2.04E-02	8.11E-03	0.00E+00	1.25E-02	0.00E+00	0.00E+00	2.03E-02	0.00E+00	0.00E+00	2.04E-02
1662	ALL		484275	3718275	NonCancer	0.00E+00	8.58E-05	2.37E-02	0.00E+00	0.00E+00	2.39E-02	1.01E-02	0.00E+00	1.56E-02	0.00E+00	0.00E+00	2.37E-02	0.00E+00	0.00E+00	2.39E-02
1663	ALL		484325	3718275	NonCancer	0.00E+00	9.17E-05	2.74E-02	0.00E+00	0.00E+00	2.76E-02	1.08E-02	0.00E+00	1.66E-02	0.00E+00	0.00E+00	2.74E-02	0.00E+00	0.00E+00	2.76E-02
1664	ALL		484375	3718275	NonCancer	0.00E+00	8.05E-05	2.51E-02	0.00E+00	0.00E+00	2.53E-02	9.48E-03	0.00E+00	1.46E-02	0.00E+00	0.00E+00	2.51E-02	0.00E+00	0.00E+00	2.53E-02
1665	ALL		484425	3718275	NonCancer	0.00E+00	7.65E-05	2.22E-02	0.00E+00	0.00E+00	2.24E-02	9.01E-03	0.00E+00	1.39E-02	0.00E+00	0.00E+00	2.22E-02	0.00E+00	0.00E+00	2.24E-02

*HARP - HRACalc v19044 3/19/2020 1:54:44 PM - Acute Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitAcuteHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1666	ALL		484475	3718275	NonCancer	0.00E+00	7.43E-05	2.16E-02	0.00E+00	0.00E+00	2.18E-02	8.75E-03	0.00E+00	1.35E-02	0.00E+00	0.00E+00	2.16E-02	0.00E+00	0.00E+00	2.18E-02
1667	ALL		484525	3718275	NonCancer	0.00E+00	6.00E-05	1.73E-02	0.00E+00	0.00E+00	1.74E-02	7.07E-03	0.00E+00	1.09E-02	0.00E+00	0.00E+00	1.73E-02	0.00E+00	0.00E+00	1.74E-02
1668	ALL		484575	3718275	NonCancer	0.00E+00	4.89E-05	1.38E-02	0.00E+00	0.00E+00	1.39E-02	5.76E-03	0.00E+00	8.89E-03	0.00E+00	0.00E+00	1.38E-02	0.00E+00	0.00E+00	1.39E-02
1669	ALL		484625	3718275	NonCancer	0.00E+00	5.15E-05	1.48E-02	0.00E+00	0.00E+00	1.49E-02	6.06E-03	0.00E+00	9.34E-03	0.00E+00	0.00E+00	1.48E-02	0.00E+00	0.00E+00	1.49E-02
1670	ALL		484675	3718275	NonCancer	0.00E+00	4.83E-05	1.47E-02	0.00E+00	0.00E+00	1.48E-02	5.68E-03	0.00E+00	8.76E-03	0.00E+00	0.00E+00	1.47E-02	0.00E+00	0.00E+00	1.48E-02
1671	ALL		484725	3718275	NonCancer	0.00E+00	4.91E-05	1.47E-02	0.00E+00	0.00E+00	1.48E-02	5.79E-03	0.00E+00	8.92E-03	0.00E+00	0.00E+00	1.47E-02	0.00E+00	0.00E+00	1.48E-02
1672	ALL		484775	3718275	NonCancer	0.00E+00	4.74E-05	1.34E-02	0.00E+00	0.00E+00	1.36E-02	5.58E-03	0.00E+00	8.60E-03	0.00E+00	0.00E+00	1.34E-02	0.00E+00	0.00E+00	1.36E-02
1673	ALL		484825	3718275	NonCancer	0.00E+00	4.24E-05	1.15E-02	0.00E+00	0.00E+00	1.16E-02	4.99E-03	0.00E+00	7.70E-03	0.00E+00	0.00E+00	1.15E-02	0.00E+00	0.00E+00	1.16E-02
1674	ALL		484875	3718275	NonCancer	0.00E+00	3.57E-05	9.67E-03	0.00E+00	0.00E+00	9.75E-03	4.21E-03	0.00E+00	6.49E-03	0.00E+00	0.00E+00	9.67E-03	0.00E+00	0.00E+00	9.75E-03
1675	ALL		484925	3718275	NonCancer	0.00E+00	2.82E-05	7.81E-03	0.00E+00	0.00E+00	7.87E-03	3.32E-03	0.00E+00	5.12E-03	0.00E+00	0.00E+00	7.81E-03	0.00E+00	0.00E+00	7.87E-03
1676	ALL		484975	3718275	NonCancer	0.00E+00	2.40E-05	6.72E-03	0.00E+00	0.00E+00	6.78E-03	2.83E-03	0.00E+00	4.37E-03	0.00E+00	0.00E+00	6.72E-03	0.00E+00	0.00E+00	6.78E-03
1677	ALL		485025	3718275	NonCancer	0.00E+00	2.18E-05	6.13E-03	0.00E+00	0.00E+00	6.18E-03	2.57E-03	0.00E+00	3.97E-03	0.00E+00	0.00E+00	6.13E-03	0.00E+00	0.00E+00	6.18E-03
1678	ALL		485075	3718275	NonCancer	0.00E+00	2.05E-05	5.74E-03	0.00E+00	0.00E+00	5.78E-03	2.41E-03	0.00E+00	3.71E-03	0.00E+00	0.00E+00	5.74E-03	0.00E+00	0.00E+00	5.78E-03
1679	ALL		485125	3718275	NonCancer	0.00E+00	1.92E-05	5.43E-03	0.00E+00	0.00E+00	5.47E-03	2.26E-03	0.00E+00	3.49E-03	0.00E+00	0.00E+00	5.43E-03	0.00E+00	0.00E+00	5.47E-03
1680	ALL		485175	3718275	NonCancer	0.00E+00	1.80E-05	5.11E-03	0.00E+00	0.00E+00	5.15E-03	2.12E-03	0.00E+00	3.26E-03	0.00E+00	0.00E+00	5.11E-03	0.00E+00	0.00E+00	5.15E-03
1681	ALL		485225	3718275	NonCancer	0.00E+00	1.70E-05	4.84E-03	0.00E+00	0.00E+00	4.88E-03	2.01E-03	0.00E+00	3.09E-03	0.00E+00	0.00E+00	4.84E-03	0.00E+00	0.00E+00	4.88E-03
1682	ALL		485275	3718275	NonCancer	0.00E+00	1.63E-05	4.61E-03	0.00E+00	0.00E+00	4.65E-03	1.91E-03	0.00E+00	2.95E-03	0.00E+00	0.00E+00	4.61E-03	0.00E+00	0.00E+00	4.65E-03
1683	ALL		485325	3718275	NonCancer	0.00E+00	1.56E-05	4.40E-03	0.00E+00	0.00E+00	4.43E-03	1.84E-03	0.00E+00	2.83E-03	0.00E+00	0.00E+00	4.40E-03	0.00E+00	0.00E+00	4.43E-03
1684	ALL		485375	3718275	NonCancer	0.00E+00	1.49E-05	4.16E-03	0.00E+00	0.00E+00	4.19E-03	1.75E-03	0.00E+00	2.70E-03	0.00E+00	0.00E+00	4.16E-03	0.00E+00	0.00E+00	4.19E-03
1685	ALL		485425	3718275	NonCancer	0.00E+00	1.41E-05	3.90E-03	0.00E+00	0.00E+00	3.93E-03	1.66E-03	0.00E+00	2.55E-03	0.00E+00	0.00E+00	3.90E-03	0.00E+00	0.00E+00	3.93E-03
1686	ALL		485475	3718275	NonCancer	0.00E+00	1.32E-05	3.64E-03	0.00E+00	0.00E+00	3.67E-03	1.55E-03	0.00E+00	2.40E-03	0.00E+00	0.00E+00	3.64E-03	0.00E+00	0.00E+00	3.67E-03
1687	ALL		482925	3718325	NonCancer	0.00E+00	4.29E-05	1.28E-02	0.00E+00	0.00E+00	1.29E-02	5.06E-03	0.00E+00	7.80E-03	0.00E+00	0.00E+00	1.28E-02	0.00E+00	0.00E+00	1.29E-02
1688	ALL		482975	3718325	NonCancer	0.00E+00	4.37E-05	1.30E-02	0.00E+00	0.00E+00	1.31E-02	5.14E-03	0.00E+00	7.93E-03	0.00E+00	0.00E+00	1.30E-02	0.00E+00	0.00E+00	1.31E-02
1689	ALL		483025	3718325	NonCancer	0.00E+00	4.49E-05	1.34E-02	0.00E+00	0.00E+00	1.35E-02	5.28E-03	0.00E+00	8.15E-03	0.00E+00	0.00E+00	1.34E-02	0.00E+00	0.00E+00	1.35E-02
1690	ALL		483075	3718325	NonCancer	0.00E+00	4.72E-05	1.41E-02	0.00E+00	0.00E+00	1.42E-02	5.56E-03	0.00E+00	8.58E-03	0.00E+00	0.00E+00	1.41E-02	0.00E+00	0.00E+00	1.42E-02
1691	ALL		483125	3718325	NonCancer	0.00E+00	5.09E-05	1.53E-02	0.00E+00	0.00E+00	1.54E-02	6.00E-03	0.00E+00	9.25E-03	0.00E+00	0.00E+00	1.53E-02	0.00E+00	0.00E+00	1.54E-02
1692	ALL		483175	3718325	NonCancer	0.00E+00	5.57E-05	1.66E-02	0.00E+00	0.00E+00	1.67E-02	6.56E-03	0.00E+00	1.01E-02	0.00E+00	0.00E+00	1.66E-02	0.00E+00	0.00E+00	1.67E-02
1693	ALL		483225	3718325	NonCancer	0.00E+00	5.94E-05	1.71E-02	0.00E+00	0.00E+00	1.73E-02	6.99E-03	0.00E+00	1.08E-02	0.00E+00	0.00E+00	1.71E-02	0.00E+00	0.00E+00	1.73E-02
1694	ALL		483275	3718325	NonCancer	0.00E+00	5.05E-05	1.39E-02	0.00E+00	0.00E+00	1.40E-02	5.94E-03	0.00E+00	9.16E-03	0.00E+00	0.00E+00	1.39E-02	0.00E+00	0.00E+00	1.40E-02
1695	ALL		483325	3718325	NonCancer	0.00E+00	4.81E-05	1.30E-02	0.00E+00	0.00E+00	1.31E-02	5.66E-03	0.00E+00	8.73E-03	0.00E+00	0.00E+00	1.30E-02	0.00E+00	0.00E+00	1.31E-02
1696	ALL		483375	3718325	NonCancer	0.00E+00	4.36E-05	1.11E-02	0.00E+00	0.00E+00	1.12E-02	5.14E-03	0.00E+00	7.92E-03	0.00E+00	0.00E+00	1.11E-02	0.00E+00	0.00E+00	1.12E-02
1697	ALL		483425	3718325	NonCancer	0.00E+00	4.60E-05	1.20E-02	0.00E+00	0.00E+00	1.21E-02	5.42E-03	0.00E+00	8.35E-03	0.00E+00	0.00E+00	1.20E-02	0.00E+00	0.00E+00	1.21E-02
1698	ALL		483475	3718325	NonCancer	0.00E+00	4.13E-05	1.06E-02	0.00E+00	0.00E+00	1.07E-02	4.86E-03	0.00E+00	7.49E-03	0.00E+00	0.00E+00	1.06E-02	0.00E+00	0.00E+00	1.07E-02
1699	ALL		483525	3718325	NonCancer	0.00E+00	4.51E-05	1.17E-02	0.00E+00	0.00E+00	1.18E-02	5.31E-03	0.00E+00	8.19E-03	0.00E+00	0.00E+00	1.17E-02	0.00E+00	0.00E+00	1.18E-02
1700	ALL		483575	3718325	NonCancer	0.00E+00	4.93E-05	1.27E-02	0.00E+00	0.00E+00	1.29E-02	5.81E-03	0.00E+00	8.95E-03	0.00E+00	0.00E+00	1.27E-02	0.00E+00	0.00E+00	1.29E-02
1701	ALL		483625	3718325	NonCancer	0.00E+00	5.51E-05	1.43E-02	0.00E+00	0.00E+00	1.44E-02	6.49E-03	0.00E+00	1.00E-02	0.00E+00	0.00E+00	1.43E-02	0.00E+00	0.00E+00	1.44E-02
1702	ALL		483675	3718325	NonCancer	0.00E+00	5.68E-05	1.47E-02	0.00E+00	0.00E+00	1.48E-02	6.69E-03	0.00E+00	1.03E-02	0.00E+00	0.00E+00	1.47E-02	0.00E+00	0.00E+00	1.48E-02
1703	ALL		483725	3718325	NonCancer	0.00E+00	5.41E-05	1.42E-02	0.00E+00	0.00E+00	1.43E-02	6.38E-03	0.00E+00	9.83E-03	0.00E+00	0.00E+00	1.42E-02	0.00E+00	0.00E+00	1.43E-02
1704	ALL		483775	3718325	NonCancer	0.00E+00	4.99E-05	1.36E-02	0.00E+00	0.00E+00	1.37E-02	5.88E-03	0.00E+00	9.06E-03	0.00E+00	0.00E+00	1.36E-02	0.00E+00	0.00E+00	1.37E-02
1705	ALL		483825	3718325	NonCancer	0.00E+00	4.85E-05	1.39E-02	0.00E+00	0.00E+00	1.40E-02	5.72E-03	0.00E+00	8.81E-03	0.00E+00	0.00E+00	1.39E-02	0.00E+00	0.00E+00	1.40E-02
1706	ALL		483875	3718325	NonCancer	0.00E+00	5.04E-05	1.44E-02	0.00E+00	0.00E+00	1.45E-02	5.93E-03	0.00E+00	9.14E-03	0.00E+00	0.00E+00	1.44E-02	0.00E+00	0.00E+00	1.45E-02
1707	ALL		483925	3718325	NonCancer	0.00E+00	5.31E-05	1.51E-02	0.00E+00	0.00E+00	1.53E-02	6.26E-03	0.00E+00	9.65E-03	0.00E+00	0.00E+00	1.51E-02	0.00E+00	0.00E+00	1.53E-02
1708	ALL		483975	3718325	NonCancer	0.00E+00	5.57E-05	1.60E-02	0.00E+00	0.00E+00	1.62E-02	6.56E-03	0.00E+00	1.01E-02	0.00E+00	0.00E+00	1.60E-02	0.00E+00	0.00E+00	1.62E-02
1709	ALL		484025	3718325	NonCancer	0.00E+00	6.06E-05	1.70E-02	0.00E+00	0.00E+00	1.72E-02	7.13E-03	0.00E+00	1.10E-02	0.00E+00	0.00E+00	1.70E-02	0.00E+00	0.00E+00	1.72E-02
1710	ALL		484075	3718325	NonCancer	0.00E+00	1.12E-04	2.86E-02	0.00E+00	0.00E+00	2.89E-02	1.32E-02	0.00E+00	2.03E-02	0.00E+00	0.00E+00	2.86E-02	0.00E+00	0.00E+00	2.89E-02

*HARP - HRACalc v19044 3/19/2020 1:54:44 PM - Acute Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitAcuteHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1711	ALL		484125	3718325	NonCancer	0.00E+00	8.14E-05	2.20E-02	0.00E+00	0.00E+00	2.22E-02	9.59E-03	0.00E+00	1.48E-02	0.00E+00	0.00E+00	2.20E-02	0.00E+00	0.00E+00	2.22E-02
1712	ALL		484175	3718325	NonCancer	0.00E+00	6.54E-05	1.86E-02	0.00E+00	0.00E+00	1.87E-02	7.70E-03	0.00E+00	1.19E-02	0.00E+00	0.00E+00	1.86E-02	0.00E+00	0.00E+00	1.87E-02
1713	ALL		484225	3718325	NonCancer	0.00E+00	5.98E-05	1.74E-02	0.00E+00	0.00E+00	1.76E-02	7.05E-03	0.00E+00	1.09E-02	0.00E+00	0.00E+00	1.74E-02	0.00E+00	0.00E+00	1.76E-02
1714	ALL		484275	3718325	NonCancer	0.00E+00	7.23E-05	1.99E-02	0.00E+00	0.00E+00	2.00E-02	8.52E-03	0.00E+00	1.31E-02	0.00E+00	0.00E+00	1.99E-02	0.00E+00	0.00E+00	2.00E-02
1715	ALL		484325	3718325	NonCancer	0.00E+00	7.90E-05	2.31E-02	0.00E+00	0.00E+00	2.33E-02	9.31E-03	0.00E+00	1.43E-02	0.00E+00	0.00E+00	2.31E-02	0.00E+00	0.00E+00	2.33E-02
1716	ALL		484375	3718325	NonCancer	0.00E+00	7.16E-05	2.22E-02	0.00E+00	0.00E+00	2.23E-02	8.43E-03	0.00E+00	1.30E-02	0.00E+00	0.00E+00	2.22E-02	0.00E+00	0.00E+00	2.23E-02
1717	ALL		484425	3718325	NonCancer	0.00E+00	6.49E-05	1.89E-02	0.00E+00	0.00E+00	1.90E-02	7.64E-03	0.00E+00	1.18E-02	0.00E+00	0.00E+00	1.89E-02	0.00E+00	0.00E+00	1.90E-02
1718	ALL		484475	3718325	NonCancer	0.00E+00	6.52E-05	1.87E-02	0.00E+00	0.00E+00	1.88E-02	7.68E-03	0.00E+00	1.18E-02	0.00E+00	0.00E+00	1.87E-02	0.00E+00	0.00E+00	1.88E-02
1719	ALL		484525	3718325	NonCancer	0.00E+00	5.75E-05	1.67E-02	0.00E+00	0.00E+00	1.69E-02	6.77E-03	0.00E+00	1.04E-02	0.00E+00	0.00E+00	1.67E-02	0.00E+00	0.00E+00	1.69E-02
1720	ALL		484575	3718325	NonCancer	0.00E+00	4.59E-05	1.29E-02	0.00E+00	0.00E+00	1.30E-02	5.41E-03	0.00E+00	8.34E-03	0.00E+00	0.00E+00	1.29E-02	0.00E+00	0.00E+00	1.30E-02
1721	ALL		484625	3718325	NonCancer	0.00E+00	4.13E-05	1.16E-02	0.00E+00	0.00E+00	1.17E-02	4.86E-03	0.00E+00	7.50E-03	0.00E+00	0.00E+00	1.16E-02	0.00E+00	0.00E+00	1.17E-02
1722	ALL		484675	3718325	NonCancer	0.00E+00	4.23E-05	1.22E-02	0.00E+00	0.00E+00	1.23E-02	4.98E-03	0.00E+00	7.67E-03	0.00E+00	0.00E+00	1.22E-02	0.00E+00	0.00E+00	1.23E-02
1723	ALL		484725	3718325	NonCancer	0.00E+00	4.05E-05	1.23E-02	0.00E+00	0.00E+00	1.24E-02	4.77E-03	0.00E+00	7.36E-03	0.00E+00	0.00E+00	1.23E-02	0.00E+00	0.00E+00	1.24E-02
1724	ALL		484775	3718325	NonCancer	0.00E+00	4.23E-05	1.26E-02	0.00E+00	0.00E+00	1.27E-02	4.99E-03	0.00E+00	7.69E-03	0.00E+00	0.00E+00	1.26E-02	0.00E+00	0.00E+00	1.27E-02
1725	ALL		484825	3718325	NonCancer	0.00E+00	4.14E-05	1.18E-02	0.00E+00	0.00E+00	1.19E-02	4.87E-03	0.00E+00	7.51E-03	0.00E+00	0.00E+00	1.18E-02	0.00E+00	0.00E+00	1.19E-02
1726	ALL		484875	3718325	NonCancer	0.00E+00	3.76E-05	1.02E-02	0.00E+00	0.00E+00	1.03E-02	4.43E-03	0.00E+00	6.83E-03	0.00E+00	0.00E+00	1.02E-02	0.00E+00	0.00E+00	1.03E-02
1727	ALL		484925	3718325	NonCancer	0.00E+00	3.23E-05	8.72E-03	0.00E+00	0.00E+00	8.79E-03	3.80E-03	0.00E+00	5.86E-03	0.00E+00	0.00E+00	8.72E-03	0.00E+00	0.00E+00	8.79E-03
1728	ALL		484975	3718325	NonCancer	0.00E+00	2.63E-05	7.23E-03	0.00E+00	0.00E+00	7.29E-03	3.09E-03	0.00E+00	4.77E-03	0.00E+00	0.00E+00	7.23E-03	0.00E+00	0.00E+00	7.29E-03
1729	ALL		485025	3718325	NonCancer	0.00E+00	2.26E-05	6.28E-03	0.00E+00	0.00E+00	6.34E-03	2.66E-03	0.00E+00	4.10E-03	0.00E+00	0.00E+00	6.28E-03	0.00E+00	0.00E+00	6.34E-03
1730	ALL		485075	3718325	NonCancer	0.00E+00	2.04E-05	5.71E-03	0.00E+00	0.00E+00	5.75E-03	2.41E-03	0.00E+00	3.71E-03	0.00E+00	0.00E+00	5.71E-03	0.00E+00	0.00E+00	5.75E-03
1731	ALL		485125	3718325	NonCancer	0.00E+00	1.89E-05	5.27E-03	0.00E+00	0.00E+00	5.31E-03	2.22E-03	0.00E+00	3.43E-03	0.00E+00	0.00E+00	5.27E-03	0.00E+00	0.00E+00	5.31E-03
1732	ALL		485175	3718325	NonCancer	0.00E+00	1.74E-05	4.87E-03	0.00E+00	0.00E+00	4.91E-03	2.05E-03	0.00E+00	3.17E-03	0.00E+00	0.00E+00	4.87E-03	0.00E+00	0.00E+00	4.91E-03
1733	ALL		485225	3718325	NonCancer	0.00E+00	1.66E-05	4.63E-03	0.00E+00	0.00E+00	4.66E-03	1.95E-03	0.00E+00	3.01E-03	0.00E+00	0.00E+00	4.63E-03	0.00E+00	0.00E+00	4.66E-03
1734	ALL		485275	3718325	NonCancer	0.00E+00	1.56E-05	4.39E-03	0.00E+00	0.00E+00	4.43E-03	1.84E-03	0.00E+00	2.84E-03	0.00E+00	0.00E+00	4.39E-03	0.00E+00	0.00E+00	4.43E-03
1735	ALL		485325	3718325	NonCancer	0.00E+00	1.47E-05	4.16E-03	0.00E+00	0.00E+00	4.19E-03	1.74E-03	0.00E+00	2.68E-03	0.00E+00	0.00E+00	4.16E-03	0.00E+00	0.00E+00	4.19E-03
1736	ALL		485375	3718325	NonCancer	0.00E+00	1.41E-05	3.98E-03	0.00E+00	0.00E+00	4.01E-03	1.66E-03	0.00E+00	2.56E-03	0.00E+00	0.00E+00	3.98E-03	0.00E+00	0.00E+00	4.01E-03
1737	ALL		485425	3718325	NonCancer	0.00E+00	1.36E-05	3.82E-03	0.00E+00	0.00E+00	3.86E-03	1.60E-03	0.00E+00	2.47E-03	0.00E+00	0.00E+00	3.82E-03	0.00E+00	0.00E+00	3.86E-03
1738	ALL		485475	3718325	NonCancer	0.00E+00	1.28E-05	3.58E-03	0.00E+00	0.00E+00	3.61E-03	1.50E-03	0.00E+00	2.32E-03	0.00E+00	0.00E+00	3.58E-03	0.00E+00	0.00E+00	3.61E-03
1739	ALL		482925	3718375	NonCancer	0.00E+00	4.28E-05	1.27E-02	0.00E+00	0.00E+00	1.28E-02	5.04E-03	0.00E+00	7.77E-03	0.00E+00	0.00E+00	1.27E-02	0.00E+00	0.00E+00	1.28E-02
1740	ALL		482975	3718375	NonCancer	0.00E+00	4.31E-05	1.29E-02	0.00E+00	0.00E+00	1.30E-02	5.08E-03	0.00E+00	7.83E-03	0.00E+00	0.00E+00	1.29E-02	0.00E+00	0.00E+00	1.30E-02
1741	ALL		483025	3718375	NonCancer	0.00E+00	4.49E-05	1.35E-02	0.00E+00	0.00E+00	1.36E-02	5.28E-03	0.00E+00	8.14E-03	0.00E+00	0.00E+00	1.35E-02	0.00E+00	0.00E+00	1.36E-02
1742	ALL		483075	3718375	NonCancer	0.00E+00	4.56E-05	1.37E-02	0.00E+00	0.00E+00	1.38E-02	5.37E-03	0.00E+00	8.28E-03	0.00E+00	0.00E+00	1.37E-02	0.00E+00	0.00E+00	1.38E-02
1743	ALL		483125	3718375	NonCancer	0.00E+00	4.75E-05	1.42E-02	0.00E+00	0.00E+00	1.43E-02	5.59E-03	0.00E+00	8.62E-03	0.00E+00	0.00E+00	1.42E-02	0.00E+00	0.00E+00	1.43E-02
1744	ALL		483175	3718375	NonCancer	0.00E+00	5.13E-05	1.55E-02	0.00E+00	0.00E+00	1.56E-02	6.04E-03	0.00E+00	9.32E-03	0.00E+00	0.00E+00	1.55E-02	0.00E+00	0.00E+00	1.56E-02
1745	ALL		483225	3718375	NonCancer	0.00E+00	5.80E-05	1.70E-02	0.00E+00	0.00E+00	1.72E-02	6.83E-03	0.00E+00	1.05E-02	0.00E+00	0.00E+00	1.70E-02	0.00E+00	0.00E+00	1.72E-02
1746	ALL		483275	3718375	NonCancer	0.00E+00	5.81E-05	1.66E-02	0.00E+00	0.00E+00	1.68E-02	6.85E-03	0.00E+00	1.06E-02	0.00E+00	0.00E+00	1.66E-02	0.00E+00	0.00E+00	1.68E-02
1747	ALL		483325	3718375	NonCancer	0.00E+00	5.11E-05	1.40E-02	0.00E+00	0.00E+00	1.42E-02	6.01E-03	0.00E+00	9.27E-03	0.00E+00	0.00E+00	1.40E-02	0.00E+00	0.00E+00	1.42E-02
1748	ALL		483375	3718375	NonCancer	0.00E+00	4.65E-05	1.25E-02	0.00E+00	0.00E+00	1.26E-02	5.48E-03	0.00E+00	8.45E-03	0.00E+00	0.00E+00	1.25E-02	0.00E+00	0.00E+00	1.26E-02
1749	ALL		483425	3718375	NonCancer	0.00E+00	4.60E-05	1.21E-02	0.00E+00	0.00E+00	1.22E-02	5.42E-03	0.00E+00	8.35E-03	0.00E+00	0.00E+00	1.21E-02	0.00E+00	0.00E+00	1.22E-02
1750	ALL		483475	3718375	NonCancer	0.00E+00	4.52E-05	1.16E-02	0.00E+00	0.00E+00	1.17E-02	5.33E-03	0.00E+00	8.21E-03	0.00E+00	0.00E+00	1.16E-02	0.00E+00	0.00E+00	1.17E-02
1751	ALL		483525	3718375	NonCancer	0.00E+00	5.31E-05	1.44E-02	0.00E+00	0.00E+00	1.45E-02	6.26E-03	0.00E+00	9.64E-03	0.00E+00	0.00E+00	1.44E-02	0.00E+00	0.00E+00	1.45E-02
1752	ALL		483575	3718375	NonCancer	0.00E+00	5.50E-05	1.49E-02	0.00E+00	0.00E+00	1.50E-02	6.48E-03	0.00E+00	9.99E-03	0.00E+00	0.00E+00	1.49E-02	0.00E+00	0.00E+00	1.50E-02
1753	ALL		483625	3718375	NonCancer	0.00E+00	5.81E-05	1.57E-02	0.00E+00	0.00E+00	1.59E-02	6.84E-03	0.00E+00	1.05E-02	0.00E+00	0.00E+00	1.57E-02	0.00E+00	0.00E+00	1.59E-02
1754	ALL		483675	3718375	NonCancer	0.00E+00	5.55E-05	1.43E-02	0.00E+00	0.00E+00	1.44E-02	6.53E-03	0.00E+00	1.01E-02	0.00E+00	0.00E+00	1.43E-02	0.00E+00	0.00E+00	1.44E-02
1755	ALL		483725	3718375	NonCancer	0.00E+00	5.14E-05	1.36E-02	0.00E+00	0.00E+00	1.37E-02	6.05E-03	0.00E+00	9.33E-03	0.00E+00	0.00E+00	1.36E-02	0.00E+00	0.00E+00	1.37E-02

*HARP - HRACalc v19044 3/19/2020 1:54:44 PM - Acute Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitAcuteHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1756	ALL		483775	3718375	NonCancer	0.00E+00	4.83E-05	1.34E-02	0.00E+00	0.00E+00	1.35E-02	5.69E-03	0.00E+00	8.78E-03	0.00E+00	0.00E+00	1.34E-02	0.00E+00	0.00E+00	1.35E-02
1757	ALL		483825	3718375	NonCancer	0.00E+00	4.63E-05	1.30E-02	0.00E+00	0.00E+00	1.31E-02	5.45E-03	0.00E+00	8.40E-03	0.00E+00	0.00E+00	1.30E-02	0.00E+00	0.00E+00	1.31E-02
1758	ALL		483875	3718375	NonCancer	0.00E+00	4.74E-05	1.32E-02	0.00E+00	0.00E+00	1.33E-02	5.58E-03	0.00E+00	8.60E-03	0.00E+00	0.00E+00	1.32E-02	0.00E+00	0.00E+00	1.33E-02
1759	ALL		483925	3718375	NonCancer	0.00E+00	4.94E-05	1.40E-02	0.00E+00	0.00E+00	1.41E-02	5.81E-03	0.00E+00	8.96E-03	0.00E+00	0.00E+00	1.40E-02	0.00E+00	0.00E+00	1.41E-02
1760	ALL		483975	3718375	NonCancer	0.00E+00	5.22E-05	1.48E-02	0.00E+00	0.00E+00	1.50E-02	6.15E-03	0.00E+00	9.47E-03	0.00E+00	0.00E+00	1.48E-02	0.00E+00	0.00E+00	1.50E-02
1761	ALL		484025	3718375	NonCancer	0.00E+00	5.68E-05	1.54E-02	0.00E+00	0.00E+00	1.56E-02	6.69E-03	0.00E+00	1.03E-02	0.00E+00	0.00E+00	1.54E-02	0.00E+00	0.00E+00	1.56E-02
1762	ALL		484075	3718375	NonCancer	0.00E+00	1.00E-04	2.58E-02	0.00E+00	0.00E+00	2.60E-02	1.18E-02	0.00E+00	1.82E-02	0.00E+00	0.00E+00	2.58E-02	0.00E+00	0.00E+00	2.60E-02
1763	ALL		484125	3718375	NonCancer	0.00E+00	7.71E-05	2.06E-02	0.00E+00	0.00E+00	2.08E-02	9.08E-03	0.00E+00	1.40E-02	0.00E+00	0.00E+00	2.06E-02	0.00E+00	0.00E+00	2.08E-02
1764	ALL		484175	3718375	NonCancer	0.00E+00	5.99E-05	1.66E-02	0.00E+00	0.00E+00	1.67E-02	7.06E-03	0.00E+00	1.09E-02	0.00E+00	0.00E+00	1.66E-02	0.00E+00	0.00E+00	1.67E-02
1765	ALL		484225	3718375	NonCancer	0.00E+00	5.30E-05	1.53E-02	0.00E+00	0.00E+00	1.54E-02	6.24E-03	0.00E+00	9.61E-03	0.00E+00	0.00E+00	1.53E-02	0.00E+00	0.00E+00	1.54E-02
1766	ALL		484275	3718375	NonCancer	0.00E+00	6.21E-05	1.70E-02	0.00E+00	0.00E+00	1.71E-02	7.31E-03	0.00E+00	1.13E-02	0.00E+00	0.00E+00	1.70E-02	0.00E+00	0.00E+00	1.71E-02
1767	ALL		484325	3718375	NonCancer	0.00E+00	6.86E-05	1.96E-02	0.00E+00	0.00E+00	1.98E-02	8.08E-03	0.00E+00	1.25E-02	0.00E+00	0.00E+00	1.96E-02	0.00E+00	0.00E+00	1.98E-02
1768	ALL		484375	3718375	NonCancer	0.00E+00	6.41E-05	1.96E-02	0.00E+00	0.00E+00	1.97E-02	7.55E-03	0.00E+00	1.16E-02	0.00E+00	0.00E+00	1.96E-02	0.00E+00	0.00E+00	1.97E-02
1769	ALL		484425	3718375	NonCancer	0.00E+00	5.86E-05	1.73E-02	0.00E+00	0.00E+00	1.74E-02	6.90E-03	0.00E+00	1.06E-02	0.00E+00	0.00E+00	1.73E-02	0.00E+00	0.00E+00	1.74E-02
1770	ALL		484475	3718375	NonCancer	0.00E+00	5.76E-05	1.63E-02	0.00E+00	0.00E+00	1.64E-02	6.78E-03	0.00E+00	1.05E-02	0.00E+00	0.00E+00	1.63E-02	0.00E+00	0.00E+00	1.64E-02
1771	ALL		484525	3718375	NonCancer	0.00E+00	5.33E-05	1.54E-02	0.00E+00	0.00E+00	1.55E-02	6.28E-03	0.00E+00	9.68E-03	0.00E+00	0.00E+00	1.54E-02	0.00E+00	0.00E+00	1.55E-02
1772	ALL		484575	3718375	NonCancer	0.00E+00	4.38E-05	1.27E-02	0.00E+00	0.00E+00	1.28E-02	5.15E-03	0.00E+00	7.95E-03	0.00E+00	0.00E+00	1.27E-02	0.00E+00	0.00E+00	1.28E-02
1773	ALL		484625	3718375	NonCancer	0.00E+00	3.79E-05	1.06E-02	0.00E+00	0.00E+00	1.07E-02	4.46E-03	0.00E+00	6.88E-03	0.00E+00	0.00E+00	1.06E-02	0.00E+00	0.00E+00	1.07E-02
1774	ALL		484675	3718375	NonCancer	0.00E+00	3.49E-05	9.76E-03	0.00E+00	0.00E+00	9.84E-03	4.11E-03	0.00E+00	6.33E-03	0.00E+00	0.00E+00	9.76E-03	0.00E+00	0.00E+00	9.84E-03
1775	ALL		484725	3718375	NonCancer	0.00E+00	3.53E-05	1.02E-02	0.00E+00	0.00E+00	1.03E-02	4.16E-03	0.00E+00	6.41E-03	0.00E+00	0.00E+00	1.02E-02	0.00E+00	0.00E+00	1.03E-02
1776	ALL		484775	3718375	NonCancer	0.00E+00	3.54E-05	1.06E-02	0.00E+00	0.00E+00	1.07E-02	4.17E-03	0.00E+00	6.43E-03	0.00E+00	0.00E+00	1.06E-02	0.00E+00	0.00E+00	1.07E-02
1777	ALL		484825	3718375	NonCancer	0.00E+00	3.71E-05	1.10E-02	0.00E+00	0.00E+00	1.11E-02	4.37E-03	0.00E+00	6.74E-03	0.00E+00	0.00E+00	1.10E-02	0.00E+00	0.00E+00	1.11E-02
1778	ALL		484875	3718375	NonCancer	0.00E+00	3.64E-05	1.04E-02	0.00E+00	0.00E+00	1.05E-02	4.29E-03	0.00E+00	6.61E-03	0.00E+00	0.00E+00	1.04E-02	0.00E+00	0.00E+00	1.05E-02
1779	ALL		484925	3718375	NonCancer	0.00E+00	3.37E-05	9.21E-03	0.00E+00	0.00E+00	9.29E-03	3.97E-03	0.00E+00	6.12E-03	0.00E+00	0.00E+00	9.21E-03	0.00E+00	0.00E+00	9.29E-03
1780	ALL		484975	3718375	NonCancer	0.00E+00	2.95E-05	7.99E-03	0.00E+00	0.00E+00	8.05E-03	3.47E-03	0.00E+00	5.36E-03	0.00E+00	0.00E+00	7.99E-03	0.00E+00	0.00E+00	8.05E-03
1781	ALL		485025	3718375	NonCancer	0.00E+00	2.45E-05	6.73E-03	0.00E+00	0.00E+00	6.78E-03	2.88E-03	0.00E+00	4.45E-03	0.00E+00	0.00E+00	6.73E-03	0.00E+00	0.00E+00	6.78E-03
1782	ALL		485075	3718375	NonCancer	0.00E+00	2.11E-05	5.86E-03	0.00E+00	0.00E+00	5.90E-03	2.48E-03	0.00E+00	3.83E-03	0.00E+00	0.00E+00	5.86E-03	0.00E+00	0.00E+00	5.90E-03
1783	ALL		485125	3718375	NonCancer	0.00E+00	1.86E-05	5.17E-03	0.00E+00	0.00E+00	5.21E-03	2.19E-03	0.00E+00	3.37E-03	0.00E+00	0.00E+00	5.17E-03	0.00E+00	0.00E+00	5.21E-03
1784	ALL		485175	3718375	NonCancer	0.00E+00	1.72E-05	4.80E-03	0.00E+00	0.00E+00	4.84E-03	2.03E-03	0.00E+00	3.13E-03	0.00E+00	0.00E+00	4.80E-03	0.00E+00	0.00E+00	4.84E-03
1785	ALL		485225	3718375	NonCancer	0.00E+00	1.61E-05	4.49E-03	0.00E+00	0.00E+00	4.53E-03	1.90E-03	0.00E+00	2.93E-03	0.00E+00	0.00E+00	4.49E-03	0.00E+00	0.00E+00	4.53E-03
1786	ALL		485275	3718375	NonCancer	0.00E+00	1.53E-05	4.26E-03	0.00E+00	0.00E+00	4.29E-03	1.80E-03	0.00E+00	2.78E-03	0.00E+00	0.00E+00	4.26E-03	0.00E+00	0.00E+00	4.29E-03
1787	ALL		485325	3718375	NonCancer	0.00E+00	1.46E-05	4.06E-03	0.00E+00	0.00E+00	4.10E-03	1.72E-03	0.00E+00	2.65E-03	0.00E+00	0.00E+00	4.06E-03	0.00E+00	0.00E+00	4.10E-03
1788	ALL		485375	3718375	NonCancer	0.00E+00	1.44E-05	4.01E-03	0.00E+00	0.00E+00	4.04E-03	1.70E-03	0.00E+00	2.62E-03	0.00E+00	0.00E+00	4.01E-03	0.00E+00	0.00E+00	4.04E-03
1789	ALL		485425	3718375	NonCancer	0.00E+00	1.38E-05	3.83E-03	0.00E+00	0.00E+00	3.86E-03	1.62E-03	0.00E+00	2.50E-03	0.00E+00	0.00E+00	3.83E-03	0.00E+00	0.00E+00	3.86E-03
1790	ALL		485475	3718375	NonCancer	0.00E+00	1.28E-05	3.57E-03	0.00E+00	0.00E+00	3.60E-03	1.51E-03	0.00E+00	2.32E-03	0.00E+00	0.00E+00	3.57E-03	0.00E+00	0.00E+00	3.60E-03
1791	ALL		482925	3718425	NonCancer	0.00E+00	4.38E-05	1.30E-02	0.00E+00	0.00E+00	1.31E-02	5.16E-03	0.00E+00	7.95E-03	0.00E+00	0.00E+00	1.30E-02	0.00E+00	0.00E+00	1.31E-02
1792	ALL		482975	3718425	NonCancer	0.00E+00	4.24E-05	1.26E-02	0.00E+00	0.00E+00	1.27E-02	5.00E-03	0.00E+00	7.70E-03	0.00E+00	0.00E+00	1.26E-02	0.00E+00	0.00E+00	1.27E-02
1793	ALL		483025	3718425	NonCancer	0.00E+00	4.40E-05	1.32E-02	0.00E+00	0.00E+00	1.33E-02	5.19E-03	0.00E+00	8.00E-03	0.00E+00	0.00E+00	1.32E-02	0.00E+00	0.00E+00	1.33E-02
1794	ALL		483075	3718425	NonCancer	0.00E+00	4.55E-05	1.38E-02	0.00E+00	0.00E+00	1.39E-02	5.36E-03	0.00E+00	8.26E-03	0.00E+00	0.00E+00	1.38E-02	0.00E+00	0.00E+00	1.39E-02
1795	ALL		483125	3718425	NonCancer	0.00E+00	4.63E-05	1.39E-02	0.00E+00	0.00E+00	1.40E-02	5.46E-03	0.00E+00	8.41E-03	0.00E+00	0.00E+00	1.39E-02	0.00E+00	0.00E+00	1.40E-02
1796	ALL		483175	3718425	NonCancer	0.00E+00	4.83E-05	1.45E-02	0.00E+00	0.00E+00	1.47E-02	5.69E-03	0.00E+00	8.76E-03	0.00E+00	0.00E+00	1.45E-02	0.00E+00	0.00E+00	1.47E-02
1797	ALL		483225	3718425	NonCancer	0.00E+00	5.38E-05	1.62E-02	0.00E+00	0.00E+00	1.63E-02	6.34E-03	0.00E+00	9.77E-03	0.00E+00	0.00E+00	1.62E-02	0.00E+00	0.00E+00	1.63E-02
1798	ALL		483275	3718425	NonCancer	0.00E+00	5.84E-05	1.71E-02	0.00E+00	0.00E+00	1.72E-02	6.88E-03	0.00E+00	1.06E-02	0.00E+00	0.00E+00	1.71E-02	0.00E+00	0.00E+00	1.72E-02
1799	ALL		483325	3718425	NonCancer	0.00E+00	5.71E-05	1.62E-02	0.00E+00	0.00E+00	1.63E-02	6.72E-03	0.00E+00	1.04E-02	0.00E+00	0.00E+00	1.62E-02	0.00E+00	0.00E+00	1.63E-02
1800	ALL		483375	3718425	NonCancer	0.00E+00	5.32E-05	1.48E-02	0.00E+00	0.00E+00	1.49E-02	6.26E-03	0.00E+00	9.65E-03	0.00E+00	0.00E+00	1.48E-02	0.00E+00	0.00E+00	1.49E-02

*HARP - HRACalc v19044 3/19/2020 1:54:44 PM - Acute Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitAcuteHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1801	ALL		483425	3718425	NonCancer	0.00E+00	5.32E-05	1.47E-02	0.00E+00	0.00E+00	1.48E-02	6.26E-03	0.00E+00	9.65E-03	0.00E+00	0.00E+00	1.47E-02	0.00E+00	0.00E+00	1.48E-02
1802	ALL		483475	3718425	NonCancer	0.00E+00	4.65E-05	1.23E-02	0.00E+00	0.00E+00	1.24E-02	5.47E-03	0.00E+00	8.43E-03	0.00E+00	0.00E+00	1.23E-02	0.00E+00	0.00E+00	1.24E-02
1803	ALL		483525	3718425	NonCancer	0.00E+00	6.38E-05	1.81E-02	0.00E+00	0.00E+00	1.83E-02	7.51E-03	0.00E+00	1.16E-02	0.00E+00	0.00E+00	1.81E-02	0.00E+00	0.00E+00	1.83E-02
1804	ALL		483575	3718425	NonCancer	0.00E+00	6.46E-05	1.82E-02	0.00E+00	0.00E+00	1.84E-02	7.61E-03	0.00E+00	1.17E-02	0.00E+00	0.00E+00	1.82E-02	0.00E+00	0.00E+00	1.84E-02
1805	ALL		483625	3718425	NonCancer	0.00E+00	6.08E-05	1.68E-02	0.00E+00	0.00E+00	1.70E-02	7.16E-03	0.00E+00	1.10E-02	0.00E+00	0.00E+00	1.68E-02	0.00E+00	0.00E+00	1.70E-02
1806	ALL		483675	3718425	NonCancer	0.00E+00	5.47E-05	1.44E-02	0.00E+00	0.00E+00	1.45E-02	6.45E-03	0.00E+00	9.94E-03	0.00E+00	0.00E+00	1.44E-02	0.00E+00	0.00E+00	1.45E-02
1807	ALL		483725	3718425	NonCancer	0.00E+00	4.96E-05	1.34E-02	0.00E+00	0.00E+00	1.35E-02	5.84E-03	0.00E+00	9.00E-03	0.00E+00	0.00E+00	1.34E-02	0.00E+00	0.00E+00	1.35E-02
1808	ALL		483775	3718425	NonCancer	0.00E+00	4.61E-05	1.26E-02	0.00E+00	0.00E+00	1.27E-02	5.43E-03	0.00E+00	8.37E-03	0.00E+00	0.00E+00	1.26E-02	0.00E+00	0.00E+00	1.27E-02
1809	ALL		483825	3718425	NonCancer	0.00E+00	4.30E-05	1.17E-02	0.00E+00	0.00E+00	1.18E-02	5.06E-03	0.00E+00	7.80E-03	0.00E+00	0.00E+00	1.17E-02	0.00E+00	0.00E+00	1.18E-02
1810	ALL		483875	3718425	NonCancer	0.00E+00	4.50E-05	1.26E-02	0.00E+00	0.00E+00	1.27E-02	5.30E-03	0.00E+00	8.18E-03	0.00E+00	0.00E+00	1.26E-02	0.00E+00	0.00E+00	1.27E-02
1811	ALL		483925	3718425	NonCancer	0.00E+00	4.80E-05	1.35E-02	0.00E+00	0.00E+00	1.36E-02	5.65E-03	0.00E+00	8.71E-03	0.00E+00	0.00E+00	1.35E-02	0.00E+00	0.00E+00	1.36E-02
1812	ALL		483975	3718425	NonCancer	0.00E+00	5.02E-05	1.37E-02	0.00E+00	0.00E+00	1.38E-02	5.91E-03	0.00E+00	9.10E-03	0.00E+00	0.00E+00	1.37E-02	0.00E+00	0.00E+00	1.38E-02
1813	ALL		484025	3718425	NonCancer	0.00E+00	5.46E-05	1.47E-02	0.00E+00	0.00E+00	1.48E-02	6.43E-03	0.00E+00	9.91E-03	0.00E+00	0.00E+00	1.47E-02	0.00E+00	0.00E+00	1.48E-02
1814	ALL		484075	3718425	NonCancer	0.00E+00	9.58E-05	2.44E-02	0.00E+00	0.00E+00	2.46E-02	1.13E-02	0.00E+00	1.74E-02	0.00E+00	0.00E+00	2.44E-02	0.00E+00	0.00E+00	2.46E-02
1815	ALL		484125	3718425	NonCancer	0.00E+00	7.40E-05	1.96E-02	0.00E+00	0.00E+00	1.98E-02	8.72E-03	0.00E+00	1.34E-02	0.00E+00	0.00E+00	1.96E-02	0.00E+00	0.00E+00	1.98E-02
1816	ALL		484175	3718425	NonCancer	0.00E+00	5.49E-05	1.50E-02	0.00E+00	0.00E+00	1.51E-02	6.47E-03	0.00E+00	9.97E-03	0.00E+00	0.00E+00	1.50E-02	0.00E+00	0.00E+00	1.51E-02
1817	ALL		484225	3718425	NonCancer	0.00E+00	4.75E-05	1.36E-02	0.00E+00	0.00E+00	1.37E-02	5.60E-03	0.00E+00	8.63E-03	0.00E+00	0.00E+00	1.36E-02	0.00E+00	0.00E+00	1.37E-02
1818	ALL		484275	3718425	NonCancer	0.00E+00	5.38E-05	1.47E-02	0.00E+00	0.00E+00	1.48E-02	6.34E-03	0.00E+00	9.77E-03	0.00E+00	0.00E+00	1.47E-02	0.00E+00	0.00E+00	1.48E-02
1819	ALL		484325	3718425	NonCancer	0.00E+00	6.00E-05	1.68E-02	0.00E+00	0.00E+00	1.70E-02	7.07E-03	0.00E+00	1.09E-02	0.00E+00	0.00E+00	1.68E-02	0.00E+00	0.00E+00	1.70E-02
1820	ALL		484375	3718425	NonCancer	0.00E+00	5.75E-05	1.73E-02	0.00E+00	0.00E+00	1.75E-02	6.77E-03	0.00E+00	1.04E-02	0.00E+00	0.00E+00	1.73E-02	0.00E+00	0.00E+00	1.75E-02
1821	ALL		484425	3718425	NonCancer	0.00E+00	5.38E-05	1.60E-02	0.00E+00	0.00E+00	1.61E-02	6.34E-03	0.00E+00	9.77E-03	0.00E+00	0.00E+00	1.60E-02	0.00E+00	0.00E+00	1.61E-02
1822	ALL		484475	3718425	NonCancer	0.00E+00	5.10E-05	1.43E-02	0.00E+00	0.00E+00	1.45E-02	6.00E-03	0.00E+00	9.25E-03	0.00E+00	0.00E+00	1.43E-02	0.00E+00	0.00E+00	1.45E-02
1823	ALL		484525	3718425	NonCancer	0.00E+00	4.84E-05	1.38E-02	0.00E+00	0.00E+00	1.39E-02	5.70E-03	0.00E+00	8.79E-03	0.00E+00	0.00E+00	1.38E-02	0.00E+00	0.00E+00	1.39E-02
1824	ALL		484575	3718425	NonCancer	0.00E+00	4.21E-05	1.22E-02	0.00E+00	0.00E+00	1.23E-02	4.96E-03	0.00E+00	7.65E-03	0.00E+00	0.00E+00	1.22E-02	0.00E+00	0.00E+00	1.23E-02
1825	ALL		484625	3718425	NonCancer	0.00E+00	3.65E-05	1.03E-02	0.00E+00	0.00E+00	1.04E-02	4.29E-03	0.00E+00	6.62E-03	0.00E+00	0.00E+00	1.03E-02	0.00E+00	0.00E+00	1.04E-02
1826	ALL		484675	3718425	NonCancer	0.00E+00	3.30E-05	9.17E-03	0.00E+00	0.00E+00	9.25E-03	3.89E-03	0.00E+00	6.00E-03	0.00E+00	0.00E+00	9.17E-03	0.00E+00	0.00E+00	9.25E-03
1827	ALL		484725	3718425	NonCancer	0.00E+00	3.01E-05	8.41E-03	0.00E+00	0.00E+00	8.48E-03	3.54E-03	0.00E+00	5.46E-03	0.00E+00	0.00E+00	8.41E-03	0.00E+00	0.00E+00	8.48E-03
1828	ALL		484775	3718425	NonCancer	0.00E+00	3.05E-05	8.77E-03	0.00E+00	0.00E+00	8.84E-03	3.59E-03	0.00E+00	5.54E-03	0.00E+00	0.00E+00	8.77E-03	0.00E+00	0.00E+00	8.84E-03
1829	ALL		484825	3718425	NonCancer	0.00E+00	3.13E-05	9.32E-03	0.00E+00	0.00E+00	9.40E-03	3.69E-03	0.00E+00	5.69E-03	0.00E+00	0.00E+00	9.32E-03	0.00E+00	0.00E+00	9.40E-03
1830	ALL		484875	3718425	NonCancer	0.00E+00	3.28E-05	9.66E-03	0.00E+00	0.00E+00	9.74E-03	3.86E-03	0.00E+00	5.95E-03	0.00E+00	0.00E+00	9.66E-03	0.00E+00	0.00E+00	9.74E-03
1831	ALL		484925	3718425	NonCancer	0.00E+00	3.25E-05	9.30E-03	0.00E+00	0.00E+00	9.37E-03	3.83E-03	0.00E+00	5.90E-03	0.00E+00	0.00E+00	9.30E-03	0.00E+00	0.00E+00	9.37E-03
1832	ALL		484975	3718425	NonCancer	0.00E+00	3.06E-05	8.41E-03	0.00E+00	0.00E+00	8.48E-03	3.60E-03	0.00E+00	5.55E-03	0.00E+00	0.00E+00	8.41E-03	0.00E+00	0.00E+00	8.48E-03
1833	ALL		485025	3718425	NonCancer	0.00E+00	2.72E-05	7.38E-03	0.00E+00	0.00E+00	7.44E-03	3.20E-03	0.00E+00	4.93E-03	0.00E+00	0.00E+00	7.38E-03	0.00E+00	0.00E+00	7.44E-03
1834	ALL		485075	3718425	NonCancer	0.00E+00	2.28E-05	6.25E-03	0.00E+00	0.00E+00	6.30E-03	2.69E-03	0.00E+00	4.14E-03	0.00E+00	0.00E+00	6.25E-03	0.00E+00	0.00E+00	6.30E-03
1835	ALL		485125	3718425	NonCancer	0.00E+00	1.93E-05	5.34E-03	0.00E+00	0.00E+00	5.39E-03	2.28E-03	0.00E+00	3.51E-03	0.00E+00	0.00E+00	5.34E-03	0.00E+00	0.00E+00	5.39E-03
1836	ALL		485175	3718425	NonCancer	0.00E+00	1.69E-05	4.70E-03	0.00E+00	0.00E+00	4.74E-03	1.99E-03	0.00E+00	3.07E-03	0.00E+00	0.00E+00	4.70E-03	0.00E+00	0.00E+00	4.74E-03
1837	ALL		485225	3718425	NonCancer	0.00E+00	1.58E-05	4.39E-03	0.00E+00	0.00E+00	4.43E-03	1.86E-03	0.00E+00	2.87E-03	0.00E+00	0.00E+00	4.39E-03	0.00E+00	0.00E+00	4.43E-03
1838	ALL		485275	3718425	NonCancer	0.00E+00	1.50E-05	4.16E-03	0.00E+00	0.00E+00	4.19E-03	1.76E-03	0.00E+00	2.71E-03	0.00E+00	0.00E+00	4.16E-03	0.00E+00	0.00E+00	4.19E-03
1839	ALL		485325	3718425	NonCancer	0.00E+00	1.43E-05	3.97E-03	0.00E+00	0.00E+00	4.00E-03	1.68E-03	0.00E+00	2.59E-03	0.00E+00	0.00E+00	3.97E-03	0.00E+00	0.00E+00	4.00E-03
1840	ALL		485375	3718425	NonCancer	0.00E+00	1.40E-05	3.87E-03	0.00E+00	0.00E+00	3.90E-03	1.65E-03	0.00E+00	2.54E-03	0.00E+00	0.00E+00	3.87E-03	0.00E+00	0.00E+00	3.90E-03
1841	ALL		485425	3718425	NonCancer	0.00E+00	1.40E-05	3.87E-03	0.00E+00	0.00E+00	3.91E-03	1.65E-03	0.00E+00	2.54E-03	0.00E+00	0.00E+00	3.87E-03	0.00E+00	0.00E+00	3.91E-03
1842	ALL		485475	3718425	NonCancer	0.00E+00	1.35E-05	3.73E-03	0.00E+00	0.00E+00	3.76E-03	1.58E-03	0.00E+00	2.44E-03	0.00E+00	0.00E+00	3.73E-03	0.00E+00	0.00E+00	3.76E-03
1843	ALL		482925	3718475	NonCancer	0.00E+00	4.61E-05	1.36E-02	0.00E+00	0.00E+00	1.37E-02	5.43E-03	0.00E+00	8.36E-03	0.00E+00	0.00E+00	1.36E-02	0.00E+00	0.00E+00	1.37E-02
1844	ALL		482975	3718475	NonCancer	0.00E+00	4.32E-05	1.29E-02	0.00E+00	0.00E+00	1.30E-02	5.09E-03	0.00E+00	7.84E-03	0.00E+00	0.00E+00	1.29E-02	0.00E+00	0.00E+00	1.30E-02
1845	ALL		483025	3718475	NonCancer	0.00E+00	4.29E-05	1.27E-02	0.00E+00	0.00E+00	1.28E-02	5.06E-03	0.00E+00	7.80E-03	0.00E+00	0.00E+00	1.27E-02	0.00E+00	0.00E+00	1.28E-02

*HARP - HRACalc v19044 3/19/2020 1:54:44 PM - Acute Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitAcuteHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1846	ALL		483075	3718475	NonCancer	0.00E+00	4.40E-05	1.32E-02	0.00E+00	0.00E+00	1.33E-02	5.18E-03	0.00E+00	7.98E-03	0.00E+00	0.00E+00	1.32E-02	0.00E+00	0.00E+00	1.33E-02
1847	ALL		483125	3718475	NonCancer	0.00E+00	4.59E-05	1.39E-02	0.00E+00	0.00E+00	1.40E-02	5.41E-03	0.00E+00	8.34E-03	0.00E+00	0.00E+00	1.39E-02	0.00E+00	0.00E+00	1.40E-02
1848	ALL		483175	3718475	NonCancer	0.00E+00	4.64E-05	1.40E-02	0.00E+00	0.00E+00	1.41E-02	5.47E-03	0.00E+00	8.43E-03	0.00E+00	0.00E+00	1.40E-02	0.00E+00	0.00E+00	1.41E-02
1849	ALL		483225	3718475	NonCancer	0.00E+00	5.04E-05	1.52E-02	0.00E+00	0.00E+00	1.53E-02	5.93E-03	0.00E+00	9.14E-03	0.00E+00	0.00E+00	1.52E-02	0.00E+00	0.00E+00	1.53E-02
1850	ALL		483275	3718475	NonCancer	0.00E+00	5.63E-05	1.68E-02	0.00E+00	0.00E+00	1.69E-02	6.63E-03	0.00E+00	1.02E-02	0.00E+00	0.00E+00	1.68E-02	0.00E+00	0.00E+00	1.69E-02
1851	ALL		483325	3718475	NonCancer	0.00E+00	5.94E-05	1.73E-02	0.00E+00	0.00E+00	1.74E-02	6.99E-03	0.00E+00	1.08E-02	0.00E+00	0.00E+00	1.73E-02	0.00E+00	0.00E+00	1.74E-02
1852	ALL		483375	3718475	NonCancer	0.00E+00	6.07E-05	1.76E-02	0.00E+00	0.00E+00	1.77E-02	7.15E-03	0.00E+00	1.10E-02	0.00E+00	0.00E+00	1.76E-02	0.00E+00	0.00E+00	1.77E-02
1853	ALL		483425	3718475	NonCancer	0.00E+00	6.01E-05	1.72E-02	0.00E+00	0.00E+00	1.74E-02	7.07E-03	0.00E+00	1.09E-02	0.00E+00	0.00E+00	1.72E-02	0.00E+00	0.00E+00	1.74E-02
1854	ALL		483475	3718475	NonCancer	0.00E+00	5.78E-05	1.61E-02	0.00E+00	0.00E+00	1.62E-02	6.81E-03	0.00E+00	1.05E-02	0.00E+00	0.00E+00	1.61E-02	0.00E+00	0.00E+00	1.62E-02
1855	ALL		483525	3718475	NonCancer	0.00E+00	6.72E-05	1.96E-02	0.00E+00	0.00E+00	1.97E-02	7.92E-03	0.00E+00	1.22E-02	0.00E+00	0.00E+00	1.96E-02	0.00E+00	0.00E+00	1.97E-02
1856	ALL		483575	3718475	NonCancer	0.00E+00	6.91E-05	2.08E-02	0.00E+00	0.00E+00	2.09E-02	8.14E-03	0.00E+00	1.25E-02	0.00E+00	0.00E+00	2.08E-02	0.00E+00	0.00E+00	2.09E-02
1857	ALL		483625	3718475	NonCancer	0.00E+00	6.46E-05	1.81E-02	0.00E+00	0.00E+00	1.83E-02	7.60E-03	0.00E+00	1.17E-02	0.00E+00	0.00E+00	1.81E-02	0.00E+00	0.00E+00	1.83E-02
1858	ALL		483675	3718475	NonCancer	0.00E+00	5.42E-05	1.44E-02	0.00E+00	0.00E+00	1.45E-02	6.38E-03	0.00E+00	9.84E-03	0.00E+00	0.00E+00	1.44E-02	0.00E+00	0.00E+00	1.45E-02
1859	ALL		483725	3718475	NonCancer	0.00E+00	4.69E-05	1.25E-02	0.00E+00	0.00E+00	1.26E-02	5.52E-03	0.00E+00	8.51E-03	0.00E+00	0.00E+00	1.25E-02	0.00E+00	0.00E+00	1.26E-02
1860	ALL		483775	3718475	NonCancer	0.00E+00	4.61E-05	1.22E-02	0.00E+00	0.00E+00	1.23E-02	5.43E-03	0.00E+00	8.36E-03	0.00E+00	0.00E+00	1.22E-02	0.00E+00	0.00E+00	1.23E-02
1861	ALL		483825	3718475	NonCancer	0.00E+00	4.73E-05	1.28E-02	0.00E+00	0.00E+00	1.29E-02	5.57E-03	0.00E+00	8.59E-03	0.00E+00	0.00E+00	1.28E-02	0.00E+00	0.00E+00	1.29E-02
1862	ALL		483875	3718475	NonCancer	0.00E+00	4.42E-05	1.22E-02	0.00E+00	0.00E+00	1.23E-02	5.20E-03	0.00E+00	8.02E-03	0.00E+00	0.00E+00	1.22E-02	0.00E+00	0.00E+00	1.23E-02
1863	ALL		483925	3718475	NonCancer	0.00E+00	4.69E-05	1.28E-02	0.00E+00	0.00E+00	1.29E-02	5.52E-03	0.00E+00	8.51E-03	0.00E+00	0.00E+00	1.28E-02	0.00E+00	0.00E+00	1.29E-02
1864	ALL		483975	3718475	NonCancer	0.00E+00	4.82E-05	1.29E-02	0.00E+00	0.00E+00	1.31E-02	5.68E-03	0.00E+00	8.75E-03	0.00E+00	0.00E+00	1.29E-02	0.00E+00	0.00E+00	1.31E-02
1865	ALL		484025	3718475	NonCancer	0.00E+00	5.22E-05	1.39E-02	0.00E+00	0.00E+00	1.41E-02	6.15E-03	0.00E+00	9.48E-03	0.00E+00	0.00E+00	1.39E-02	0.00E+00	0.00E+00	1.41E-02
1866	ALL		484075	3718475	NonCancer	0.00E+00	8.96E-05	2.27E-02	0.00E+00	0.00E+00	2.29E-02	1.06E-02	0.00E+00	1.63E-02	0.00E+00	0.00E+00	2.27E-02	0.00E+00	0.00E+00	2.29E-02
1867	ALL		484125	3718475	NonCancer	0.00E+00	7.24E-05	1.89E-02	0.00E+00	0.00E+00	1.90E-02	8.53E-03	0.00E+00	1.31E-02	0.00E+00	0.00E+00	1.89E-02	0.00E+00	0.00E+00	1.90E-02
1868	ALL		484175	3718475	NonCancer	0.00E+00	5.08E-05	1.38E-02	0.00E+00	0.00E+00	1.39E-02	5.99E-03	0.00E+00	9.23E-03	0.00E+00	0.00E+00	1.38E-02	0.00E+00	0.00E+00	1.39E-02
1869	ALL		484225	3718475	NonCancer	0.00E+00	4.43E-05	1.25E-02	0.00E+00	0.00E+00	1.26E-02	5.22E-03	0.00E+00	8.05E-03	0.00E+00	0.00E+00	1.25E-02	0.00E+00	0.00E+00	1.26E-02
1870	ALL		484275	3718475	NonCancer	0.00E+00	4.72E-05	1.29E-02	0.00E+00	0.00E+00	1.30E-02	5.56E-03	0.00E+00	8.57E-03	0.00E+00	0.00E+00	1.29E-02	0.00E+00	0.00E+00	1.30E-02
1871	ALL		484325	3718475	NonCancer	0.00E+00	5.28E-05	1.45E-02	0.00E+00	0.00E+00	1.47E-02	6.21E-03	0.00E+00	9.58E-03	0.00E+00	0.00E+00	1.45E-02	0.00E+00	0.00E+00	1.47E-02
1872	ALL		484375	3718475	NonCancer	0.00E+00	5.19E-05	1.54E-02	0.00E+00	0.00E+00	1.55E-02	6.11E-03	0.00E+00	9.42E-03	0.00E+00	0.00E+00	1.54E-02	0.00E+00	0.00E+00	1.55E-02
1873	ALL		484425	3718475	NonCancer	0.00E+00	4.91E-05	1.46E-02	0.00E+00	0.00E+00	1.47E-02	5.78E-03	0.00E+00	8.91E-03	0.00E+00	0.00E+00	1.46E-02	0.00E+00	0.00E+00	1.47E-02
1874	ALL		484475	3718475	NonCancer	0.00E+00	4.37E-05	1.24E-02	0.00E+00	0.00E+00	1.25E-02	5.15E-03	0.00E+00	7.94E-03	0.00E+00	0.00E+00	1.24E-02	0.00E+00	0.00E+00	1.25E-02
1875	ALL		484525	3718475	NonCancer	0.00E+00	4.36E-05	1.22E-02	0.00E+00	0.00E+00	1.23E-02	5.13E-03	0.00E+00	7.91E-03	0.00E+00	0.00E+00	1.22E-02	0.00E+00	0.00E+00	1.23E-02
1876	ALL		484575	3718475	NonCancer	0.00E+00	3.96E-05	1.14E-02	0.00E+00	0.00E+00	1.15E-02	4.66E-03	0.00E+00	7.19E-03	0.00E+00	0.00E+00	1.14E-02	0.00E+00	0.00E+00	1.15E-02
1877	ALL		484625	3718475	NonCancer	0.00E+00	3.48E-05	1.00E-02	0.00E+00	0.00E+00	1.01E-02	4.10E-03	0.00E+00	6.33E-03	0.00E+00	0.00E+00	1.00E-02	0.00E+00	0.00E+00	1.01E-02
1878	ALL		484675	3718475	NonCancer	0.00E+00	3.11E-05	8.64E-03	0.00E+00	0.00E+00	8.71E-03	3.66E-03	0.00E+00	5.64E-03	0.00E+00	0.00E+00	8.64E-03	0.00E+00	0.00E+00	8.71E-03
1879	ALL		484725	3718475	NonCancer	0.00E+00	2.91E-05	8.07E-03	0.00E+00	0.00E+00	8.14E-03	3.42E-03	0.00E+00	5.28E-03	0.00E+00	0.00E+00	8.07E-03	0.00E+00	0.00E+00	8.14E-03
1880	ALL		484775	3718475	NonCancer	0.00E+00	2.62E-05	7.35E-03	0.00E+00	0.00E+00	7.41E-03	3.09E-03	0.00E+00	4.76E-03	0.00E+00	0.00E+00	7.35E-03	0.00E+00	0.00E+00	7.41E-03
1881	ALL		484825	3718475	NonCancer	0.00E+00	2.71E-05	7.74E-03	0.00E+00	0.00E+00	7.81E-03	3.19E-03	0.00E+00	4.92E-03	0.00E+00	0.00E+00	7.74E-03	0.00E+00	0.00E+00	7.81E-03
1882	ALL		484875	3718475	NonCancer	0.00E+00	2.78E-05	8.22E-03	0.00E+00	0.00E+00	8.29E-03	3.28E-03	0.00E+00	5.05E-03	0.00E+00	0.00E+00	8.22E-03	0.00E+00	0.00E+00	8.29E-03
1883	ALL		484925	3718475	NonCancer	0.00E+00	2.91E-05	8.56E-03	0.00E+00	0.00E+00	8.63E-03	3.43E-03	0.00E+00	5.29E-03	0.00E+00	0.00E+00	8.56E-03	0.00E+00	0.00E+00	8.63E-03
1884	ALL		484975	3718475	NonCancer	0.00E+00	2.90E-05	8.31E-03	0.00E+00	0.00E+00	8.38E-03	3.42E-03	0.00E+00	5.27E-03	0.00E+00	0.00E+00	8.31E-03	0.00E+00	0.00E+00	8.38E-03
1885	ALL		485025	3718475	NonCancer	0.00E+00	2.75E-05	7.59E-03	0.00E+00	0.00E+00	7.66E-03	3.23E-03	0.00E+00	4.98E-03	0.00E+00	0.00E+00	7.59E-03	0.00E+00	0.00E+00	7.66E-03
1886	ALL		485075	3718475	NonCancer	0.00E+00	2.46E-05	6.65E-03	0.00E+00	0.00E+00	6.71E-03	2.90E-03	0.00E+00	4.46E-03	0.00E+00	0.00E+00	6.65E-03	0.00E+00	0.00E+00	6.71E-03
1887	ALL		485125	3718475	NonCancer	0.00E+00	2.09E-05	5.67E-03	0.00E+00	0.00E+00	5.72E-03	2.46E-03	0.00E+00	3.79E-03	0.00E+00	0.00E+00	5.67E-03	0.00E+00	0.00E+00	5.72E-03
1888	ALL		485175	3718475	NonCancer	0.00E+00	1.74E-05	4.78E-03	0.00E+00	0.00E+00	4.82E-03	2.05E-03	0.00E+00	3.16E-03	0.00E+00	0.00E+00	4.78E-03	0.00E+00	0.00E+00	4.82E-03
1889	ALL		485225	3718475	NonCancer	0.00E+00	1.56E-05	4.32E-03	0.00E+00	0.00E+00	4.36E-03	1.84E-03	0.00E+00	2.83E-03	0.00E+00	0.00E+00	4.32E-03	0.00E+00	0.00E+00	4.36E-03
1890	ALL		485275	3718475	NonCancer	0.00E+00	1.47E-05	4.08E-03	0.00E+00	0.00E+00	4.12E-03	1.73E-03	0.00E+00	2.67E-03	0.00E+00	0.00E+00	4.08E-03	0.00E+00	0.00E+00	4.12E-03

*HARP - HRACalc v19044 3/19/2020 1:54:44 PM - Acute Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitAcuteHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1891	ALL		485325	3718475	NonCancer	0.00E+00	1.43E-05	3.96E-03	0.00E+00	0.00E+00	4.00E-03	1.68E-03	0.00E+00	2.60E-03	0.00E+00	0.00E+00	3.96E-03	0.00E+00	0.00E+00	4.00E-03
1892	ALL		485375	3718475	NonCancer	0.00E+00	1.38E-05	3.83E-03	0.00E+00	0.00E+00	3.86E-03	1.63E-03	0.00E+00	2.51E-03	0.00E+00	0.00E+00	3.83E-03	0.00E+00	0.00E+00	3.86E-03
1893	ALL		485425	3718475	NonCancer	0.00E+00	1.32E-05	3.65E-03	0.00E+00	0.00E+00	3.68E-03	1.55E-03	0.00E+00	2.39E-03	0.00E+00	0.00E+00	3.65E-03	0.00E+00	0.00E+00	3.68E-03
1894	ALL		485475	3718475	NonCancer	0.00E+00	1.25E-05	3.45E-03	0.00E+00	0.00E+00	3.48E-03	1.47E-03	0.00E+00	2.27E-03	0.00E+00	0.00E+00	3.45E-03	0.00E+00	0.00E+00	3.48E-03
1895	ALL		482925	3718525	NonCancer	0.00E+00	4.65E-05	1.36E-02	0.00E+00	0.00E+00	1.37E-02	5.48E-03	0.00E+00	8.44E-03	0.00E+00	0.00E+00	1.36E-02	0.00E+00	0.00E+00	1.37E-02
1896	ALL		482975	3718525	NonCancer	0.00E+00	4.54E-05	1.35E-02	0.00E+00	0.00E+00	1.36E-02	5.35E-03	0.00E+00	8.24E-03	0.00E+00	0.00E+00	1.35E-02	0.00E+00	0.00E+00	1.36E-02
1897	ALL		483025	3718525	NonCancer	0.00E+00	4.44E-05	1.32E-02	0.00E+00	0.00E+00	1.34E-02	5.23E-03	0.00E+00	8.06E-03	0.00E+00	0.00E+00	1.32E-02	0.00E+00	0.00E+00	1.34E-02
1898	ALL		483075	3718525	NonCancer	0.00E+00	4.40E-05	1.31E-02	0.00E+00	0.00E+00	1.32E-02	5.18E-03	0.00E+00	7.98E-03	0.00E+00	0.00E+00	1.31E-02	0.00E+00	0.00E+00	1.32E-02
1899	ALL		483125	3718525	NonCancer	0.00E+00	4.42E-05	1.33E-02	0.00E+00	0.00E+00	1.34E-02	5.21E-03	0.00E+00	8.03E-03	0.00E+00	0.00E+00	1.33E-02	0.00E+00	0.00E+00	1.34E-02
1900	ALL		483175	3718525	NonCancer	0.00E+00	4.59E-05	1.38E-02	0.00E+00	0.00E+00	1.39E-02	5.40E-03	0.00E+00	8.33E-03	0.00E+00	0.00E+00	1.38E-02	0.00E+00	0.00E+00	1.39E-02
1901	ALL		483225	3718525	NonCancer	0.00E+00	4.73E-05	1.43E-02	0.00E+00	0.00E+00	1.44E-02	5.58E-03	0.00E+00	8.60E-03	0.00E+00	0.00E+00	1.43E-02	0.00E+00	0.00E+00	1.44E-02
1902	ALL		483275	3718525	NonCancer	0.00E+00	5.06E-05	1.53E-02	0.00E+00	0.00E+00	1.54E-02	5.96E-03	0.00E+00	9.19E-03	0.00E+00	0.00E+00	1.53E-02	0.00E+00	0.00E+00	1.54E-02
1903	ALL		483325	3718525	NonCancer	0.00E+00	5.41E-05	1.63E-02	0.00E+00	0.00E+00	1.64E-02	6.38E-03	0.00E+00	9.83E-03	0.00E+00	0.00E+00	1.63E-02	0.00E+00	0.00E+00	1.64E-02
1904	ALL		483375	3718525	NonCancer	0.00E+00	5.78E-05	1.73E-02	0.00E+00	0.00E+00	1.74E-02	6.81E-03	0.00E+00	1.05E-02	0.00E+00	0.00E+00	1.73E-02	0.00E+00	0.00E+00	1.74E-02
1905	ALL		483425	3718525	NonCancer	0.00E+00	6.19E-05	1.82E-02	0.00E+00	0.00E+00	1.83E-02	7.29E-03	0.00E+00	1.12E-02	0.00E+00	0.00E+00	1.82E-02	0.00E+00	0.00E+00	1.83E-02
1906	ALL		483475	3718525	NonCancer	0.00E+00	6.00E-05	1.71E-02	0.00E+00	0.00E+00	1.73E-02	7.07E-03	0.00E+00	1.09E-02	0.00E+00	0.00E+00	1.71E-02	0.00E+00	0.00E+00	1.73E-02
1907	ALL		483525	3718525	NonCancer	0.00E+00	6.09E-05	1.73E-02	0.00E+00	0.00E+00	1.75E-02	7.17E-03	0.00E+00	1.11E-02	0.00E+00	0.00E+00	1.73E-02	0.00E+00	0.00E+00	1.75E-02
1908	ALL		483575	3718525	NonCancer	0.00E+00	6.81E-05	2.02E-02	0.00E+00	0.00E+00	2.04E-02	8.02E-03	0.00E+00	1.24E-02	0.00E+00	0.00E+00	2.02E-02	0.00E+00	0.00E+00	2.04E-02
1909	ALL		483625	3718525	NonCancer	0.00E+00	6.73E-05	1.93E-02	0.00E+00	0.00E+00	1.95E-02	7.93E-03	0.00E+00	1.22E-02	0.00E+00	0.00E+00	1.93E-02	0.00E+00	0.00E+00	1.95E-02
1910	ALL		483675	3718525	NonCancer	0.00E+00	5.47E-05	1.48E-02	0.00E+00	0.00E+00	1.49E-02	6.44E-03	0.00E+00	9.92E-03	0.00E+00	0.00E+00	1.48E-02	0.00E+00	0.00E+00	1.49E-02
1911	ALL		483725	3718525	NonCancer	0.00E+00	4.28E-05	1.12E-02	0.00E+00	0.00E+00	1.13E-02	5.04E-03	0.00E+00	7.78E-03	0.00E+00	0.00E+00	1.12E-02	0.00E+00	0.00E+00	1.13E-02
1912	ALL		483775	3718525	NonCancer	0.00E+00	4.68E-05	1.24E-02	0.00E+00	0.00E+00	1.25E-02	5.52E-03	0.00E+00	8.50E-03	0.00E+00	0.00E+00	1.24E-02	0.00E+00	0.00E+00	1.25E-02
1913	ALL		483825	3718525	NonCancer	0.00E+00	4.82E-05	1.28E-02	0.00E+00	0.00E+00	1.29E-02	5.68E-03	0.00E+00	8.76E-03	0.00E+00	0.00E+00	1.28E-02	0.00E+00	0.00E+00	1.29E-02
1914	ALL		483875	3718525	NonCancer	0.00E+00	4.70E-05	1.27E-02	0.00E+00	0.00E+00	1.28E-02	5.53E-03	0.00E+00	8.53E-03	0.00E+00	0.00E+00	1.27E-02	0.00E+00	0.00E+00	1.28E-02
1915	ALL		483925	3718525	NonCancer	0.00E+00	4.61E-05	1.23E-02	0.00E+00	0.00E+00	1.24E-02	5.43E-03	0.00E+00	8.38E-03	0.00E+00	0.00E+00	1.23E-02	0.00E+00	0.00E+00	1.24E-02
1916	ALL		483975	3718525	NonCancer	0.00E+00	4.80E-05	1.28E-02	0.00E+00	0.00E+00	1.29E-02	5.65E-03	0.00E+00	8.71E-03	0.00E+00	0.00E+00	1.28E-02	0.00E+00	0.00E+00	1.29E-02
1917	ALL		484025	3718525	NonCancer	0.00E+00	5.07E-05	1.34E-02	0.00E+00	0.00E+00	1.36E-02	5.97E-03	0.00E+00	9.20E-03	0.00E+00	0.00E+00	1.34E-02	0.00E+00	0.00E+00	1.36E-02
1918	ALL		484075	3718525	NonCancer	0.00E+00	8.17E-05	2.07E-02	0.00E+00	0.00E+00	2.09E-02	9.63E-03	0.00E+00	1.48E-02	0.00E+00	0.00E+00	2.07E-02	0.00E+00	0.00E+00	2.09E-02
1919	ALL		484125	3718525	NonCancer	0.00E+00	7.16E-05	1.84E-02	0.00E+00	0.00E+00	1.86E-02	8.43E-03	0.00E+00	1.30E-02	0.00E+00	0.00E+00	1.84E-02	0.00E+00	0.00E+00	1.86E-02
1920	ALL		484175	3718525	NonCancer	0.00E+00	4.73E-05	1.28E-02	0.00E+00	0.00E+00	1.29E-02	5.57E-03	0.00E+00	8.58E-03	0.00E+00	0.00E+00	1.28E-02	0.00E+00	0.00E+00	1.29E-02
1921	ALL		484225	3718525	NonCancer	0.00E+00	4.18E-05	1.16E-02	0.00E+00	0.00E+00	1.17E-02	4.92E-03	0.00E+00	7.58E-03	0.00E+00	0.00E+00	1.16E-02	0.00E+00	0.00E+00	1.17E-02
1922	ALL		484275	3718525	NonCancer	0.00E+00	4.20E-05	1.15E-02	0.00E+00	0.00E+00	1.16E-02	4.94E-03	0.00E+00	7.62E-03	0.00E+00	0.00E+00	1.15E-02	0.00E+00	0.00E+00	1.16E-02
1923	ALL		484325	3718525	NonCancer	0.00E+00	4.67E-05	1.27E-02	0.00E+00	0.00E+00	1.29E-02	5.50E-03	0.00E+00	8.48E-03	0.00E+00	0.00E+00	1.27E-02	0.00E+00	0.00E+00	1.29E-02
1924	ALL		484375	3718525	NonCancer	0.00E+00	4.71E-05	1.37E-02	0.00E+00	0.00E+00	1.38E-02	5.55E-03	0.00E+00	8.55E-03	0.00E+00	0.00E+00	1.37E-02	0.00E+00	0.00E+00	1.38E-02
1925	ALL		484425	3718525	NonCancer	0.00E+00	4.49E-05	1.34E-02	0.00E+00	0.00E+00	1.35E-02	5.29E-03	0.00E+00	8.16E-03	0.00E+00	0.00E+00	1.34E-02	0.00E+00	0.00E+00	1.35E-02
1926	ALL		484475	3718525	NonCancer	0.00E+00	4.02E-05	1.15E-02	0.00E+00	0.00E+00	1.16E-02	4.73E-03	0.00E+00	7.30E-03	0.00E+00	0.00E+00	1.15E-02	0.00E+00	0.00E+00	1.16E-02
1927	ALL		484525	3718525	NonCancer	0.00E+00	3.90E-05	1.09E-02	0.00E+00	0.00E+00	1.10E-02	4.60E-03	0.00E+00	7.09E-03	0.00E+00	0.00E+00	1.09E-02	0.00E+00	0.00E+00	1.10E-02
1928	ALL		484575	3718525	NonCancer	0.00E+00	3.69E-05	1.05E-02	0.00E+00	0.00E+00	1.06E-02	4.35E-03	0.00E+00	6.71E-03	0.00E+00	0.00E+00	1.05E-02	0.00E+00	0.00E+00	1.06E-02
1929	ALL		484625	3718525	NonCancer	0.00E+00	3.27E-05	9.46E-03	0.00E+00	0.00E+00	9.53E-03	3.85E-03	0.00E+00	5.93E-03	0.00E+00	0.00E+00	9.46E-03	0.00E+00	0.00E+00	9.53E-03
1930	ALL		484675	3718525	NonCancer	0.00E+00	3.00E-05	8.43E-03	0.00E+00	0.00E+00	8.50E-03	3.53E-03	0.00E+00	5.44E-03	0.00E+00	0.00E+00	8.43E-03	0.00E+00	0.00E+00	8.50E-03
1931	ALL		484725	3718525	NonCancer	0.00E+00	2.76E-05	7.65E-03	0.00E+00	0.00E+00	7.71E-03	3.25E-03	0.00E+00	5.01E-03	0.00E+00	0.00E+00	7.65E-03	0.00E+00	0.00E+00	7.71E-03
1932	ALL		484775	3718525	NonCancer	0.00E+00	2.55E-05	7.07E-03	0.00E+00	0.00E+00	7.12E-03	3.00E-03	0.00E+00	4.62E-03	0.00E+00	0.00E+00	7.07E-03	0.00E+00	0.00E+00	7.12E-03
1933	ALL		484825	3718525	NonCancer	0.00E+00	2.33E-05	6.54E-03	0.00E+00	0.00E+00	6.60E-03	2.75E-03	0.00E+00	4.23E-03	0.00E+00	0.00E+00	6.54E-03	0.00E+00	0.00E+00	6.60E-03
1934	ALL		484875	3718525	NonCancer	0.00E+00	2.42E-05	6.88E-03	0.00E+00	0.00E+00	6.94E-03	2.85E-03	0.00E+00	4.39E-03	0.00E+00	0.00E+00	6.88E-03	0.00E+00	0.00E+00	6.94E-03
1935	ALL		484925	3718525	NonCancer	0.00E+00	2.51E-05	7.35E-03	0.00E+00	0.00E+00	7.41E-03	2.95E-03	0.00E+00	4.55E-03	0.00E+00	0.00E+00	7.35E-03	0.00E+00	0.00E+00	7.41E-03

*HARP - HRACalc v19044 3/19/2020 1:54:44 PM - Acute Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitAcuteHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1936	ALL		484975	3718525	NonCancer	0.00E+00	2.61E-05	7.64E-03	0.00E+00	0.00E+00	7.70E-03	3.07E-03	0.00E+00	4.74E-03	0.00E+00	0.00E+00	7.64E-03	0.00E+00	0.00E+00	7.70E-03
1937	ALL		485025	3718525	NonCancer	0.00E+00	2.59E-05	7.42E-03	0.00E+00	0.00E+00	7.48E-03	3.05E-03	0.00E+00	4.70E-03	0.00E+00	0.00E+00	7.42E-03	0.00E+00	0.00E+00	7.48E-03
1938	ALL		485075	3718525	NonCancer	0.00E+00	2.46E-05	6.83E-03	0.00E+00	0.00E+00	6.89E-03	2.90E-03	0.00E+00	4.47E-03	0.00E+00	0.00E+00	6.83E-03	0.00E+00	0.00E+00	6.89E-03
1939	ALL		485125	3718525	NonCancer	0.00E+00	2.22E-05	6.01E-03	0.00E+00	0.00E+00	6.06E-03	2.62E-03	0.00E+00	4.04E-03	0.00E+00	0.00E+00	6.01E-03	0.00E+00	0.00E+00	6.06E-03
1940	ALL		485175	3718525	NonCancer	0.00E+00	1.92E-05	5.19E-03	0.00E+00	0.00E+00	5.23E-03	2.26E-03	0.00E+00	3.48E-03	0.00E+00	0.00E+00	5.19E-03	0.00E+00	0.00E+00	5.23E-03
1941	ALL		485225	3718525	NonCancer	0.00E+00	1.62E-05	4.45E-03	0.00E+00	0.00E+00	4.49E-03	1.91E-03	0.00E+00	2.95E-03	0.00E+00	0.00E+00	4.45E-03	0.00E+00	0.00E+00	4.49E-03
1942	ALL		485275	3718525	NonCancer	0.00E+00	1.47E-05	4.06E-03	0.00E+00	0.00E+00	4.09E-03	1.73E-03	0.00E+00	2.66E-03	0.00E+00	0.00E+00	4.06E-03	0.00E+00	0.00E+00	4.09E-03
1943	ALL		485325	3718525	NonCancer	0.00E+00	1.39E-05	3.86E-03	0.00E+00	0.00E+00	3.89E-03	1.64E-03	0.00E+00	2.53E-03	0.00E+00	0.00E+00	3.86E-03	0.00E+00	0.00E+00	3.89E-03
1944	ALL		485375	3718525	NonCancer	0.00E+00	1.36E-05	3.75E-03	0.00E+00	0.00E+00	3.78E-03	1.60E-03	0.00E+00	2.46E-03	0.00E+00	0.00E+00	3.75E-03	0.00E+00	0.00E+00	3.78E-03
1945	ALL		485425	3718525	NonCancer	0.00E+00	1.30E-05	3.58E-03	0.00E+00	0.00E+00	3.61E-03	1.53E-03	0.00E+00	2.35E-03	0.00E+00	0.00E+00	3.58E-03	0.00E+00	0.00E+00	3.61E-03
1946	ALL		485475	3718525	NonCancer	0.00E+00	1.21E-05	3.35E-03	0.00E+00	0.00E+00	3.37E-03	1.42E-03	0.00E+00	2.19E-03	0.00E+00	0.00E+00	3.35E-03	0.00E+00	0.00E+00	3.37E-03
1947	ALL		482925	3718575	NonCancer	0.00E+00	4.66E-05	1.35E-02	0.00E+00	0.00E+00	1.36E-02	5.49E-03	0.00E+00	8.46E-03	0.00E+00	0.00E+00	1.35E-02	0.00E+00	0.00E+00	1.36E-02
1948	ALL		482975	3718575	NonCancer	0.00E+00	4.72E-05	1.38E-02	0.00E+00	0.00E+00	1.39E-02	5.56E-03	0.00E+00	8.57E-03	0.00E+00	0.00E+00	1.38E-02	0.00E+00	0.00E+00	1.39E-02
1949	ALL		483025	3718575	NonCancer	0.00E+00	4.69E-05	1.39E-02	0.00E+00	0.00E+00	1.40E-02	5.53E-03	0.00E+00	8.52E-03	0.00E+00	0.00E+00	1.39E-02	0.00E+00	0.00E+00	1.40E-02
1950	ALL		483075	3718575	NonCancer	0.00E+00	4.54E-05	1.35E-02	0.00E+00	0.00E+00	1.36E-02	5.34E-03	0.00E+00	8.24E-03	0.00E+00	0.00E+00	1.35E-02	0.00E+00	0.00E+00	1.36E-02
1951	ALL		483125	3718575	NonCancer	0.00E+00	4.45E-05	1.33E-02	0.00E+00	0.00E+00	1.34E-02	5.24E-03	0.00E+00	8.07E-03	0.00E+00	0.00E+00	1.33E-02	0.00E+00	0.00E+00	1.34E-02
1952	ALL		483175	3718575	NonCancer	0.00E+00	4.51E-05	1.36E-02	0.00E+00	0.00E+00	1.37E-02	5.31E-03	0.00E+00	8.19E-03	0.00E+00	0.00E+00	1.36E-02	0.00E+00	0.00E+00	1.37E-02
1953	ALL		483225	3718575	NonCancer	0.00E+00	4.67E-05	1.41E-02	0.00E+00	0.00E+00	1.42E-02	5.50E-03	0.00E+00	8.47E-03	0.00E+00	0.00E+00	1.41E-02	0.00E+00	0.00E+00	1.42E-02
1954	ALL		483275	3718575	NonCancer	0.00E+00	4.78E-05	1.44E-02	0.00E+00	0.00E+00	1.45E-02	5.63E-03	0.00E+00	8.68E-03	0.00E+00	0.00E+00	1.44E-02	0.00E+00	0.00E+00	1.45E-02
1955	ALL		483325	3718575	NonCancer	0.00E+00	4.90E-05	1.48E-02	0.00E+00	0.00E+00	1.49E-02	5.77E-03	0.00E+00	8.90E-03	0.00E+00	0.00E+00	1.48E-02	0.00E+00	0.00E+00	1.49E-02
1956	ALL		483375	3718575	NonCancer	0.00E+00	5.20E-05	1.57E-02	0.00E+00	0.00E+00	1.58E-02	6.12E-03	0.00E+00	9.44E-03	0.00E+00	0.00E+00	1.57E-02	0.00E+00	0.00E+00	1.58E-02
1957	ALL		483425	3718575	NonCancer	0.00E+00	5.95E-05	1.78E-02	0.00E+00	0.00E+00	1.79E-02	7.01E-03	0.00E+00	1.08E-02	0.00E+00	0.00E+00	1.78E-02	0.00E+00	0.00E+00	1.79E-02
1958	ALL		483475	3718575	NonCancer	0.00E+00	6.25E-05	1.82E-02	0.00E+00	0.00E+00	1.83E-02	7.37E-03	0.00E+00	1.14E-02	0.00E+00	0.00E+00	1.82E-02	0.00E+00	0.00E+00	1.83E-02
1959	ALL		483525	3718575	NonCancer	0.00E+00	6.35E-05	1.83E-02	0.00E+00	0.00E+00	1.85E-02	7.48E-03	0.00E+00	1.15E-02	0.00E+00	0.00E+00	1.83E-02	0.00E+00	0.00E+00	1.85E-02
1960	ALL		483575	3718575	NonCancer	0.00E+00	6.62E-05	1.91E-02	0.00E+00	0.00E+00	1.92E-02	7.80E-03	0.00E+00	1.20E-02	0.00E+00	0.00E+00	1.91E-02	0.00E+00	0.00E+00	1.92E-02
1961	ALL		483625	3718575	NonCancer	0.00E+00	6.44E-05	1.83E-02	0.00E+00	0.00E+00	1.84E-02	7.58E-03	0.00E+00	1.17E-02	0.00E+00	0.00E+00	1.83E-02	0.00E+00	0.00E+00	1.84E-02
1962	ALL		483675	3718575	NonCancer	0.00E+00	6.26E-05	1.75E-02	0.00E+00	0.00E+00	1.76E-02	7.37E-03	0.00E+00	1.14E-02	0.00E+00	0.00E+00	1.75E-02	0.00E+00	0.00E+00	1.76E-02
1963	ALL		483725	3718575	NonCancer	0.00E+00	4.89E-05	1.27E-02	0.00E+00	0.00E+00	1.28E-02	5.76E-03	0.00E+00	8.88E-03	0.00E+00	0.00E+00	1.27E-02	0.00E+00	0.00E+00	1.28E-02
1964	ALL		483775	3718575	NonCancer	0.00E+00	4.92E-05	1.29E-02	0.00E+00	0.00E+00	1.30E-02	5.79E-03	0.00E+00	8.92E-03	0.00E+00	0.00E+00	1.29E-02	0.00E+00	0.00E+00	1.30E-02
1965	ALL		483825	3718575	NonCancer	0.00E+00	4.85E-05	1.28E-02	0.00E+00	0.00E+00	1.29E-02	5.71E-03	0.00E+00	8.80E-03	0.00E+00	0.00E+00	1.28E-02	0.00E+00	0.00E+00	1.29E-02
1966	ALL		483875	3718575	NonCancer	0.00E+00	4.82E-05	1.26E-02	0.00E+00	0.00E+00	1.27E-02	5.67E-03	0.00E+00	8.75E-03	0.00E+00	0.00E+00	1.26E-02	0.00E+00	0.00E+00	1.27E-02
1967	ALL		483925	3718575	NonCancer	0.00E+00	4.61E-05	1.21E-02	0.00E+00	0.00E+00	1.22E-02	5.43E-03	0.00E+00	8.37E-03	0.00E+00	0.00E+00	1.21E-02	0.00E+00	0.00E+00	1.22E-02
1968	ALL		483975	3718575	NonCancer	0.00E+00	4.64E-05	1.22E-02	0.00E+00	0.00E+00	1.24E-02	5.46E-03	0.00E+00	8.42E-03	0.00E+00	0.00E+00	1.22E-02	0.00E+00	0.00E+00	1.24E-02
1969	ALL		484025	3718575	NonCancer	0.00E+00	4.75E-05	1.25E-02	0.00E+00	0.00E+00	1.27E-02	5.59E-03	0.00E+00	8.62E-03	0.00E+00	0.00E+00	1.25E-02	0.00E+00	0.00E+00	1.27E-02
1970	ALL		484075	3718575	NonCancer	0.00E+00	7.23E-05	1.83E-02	0.00E+00	0.00E+00	1.85E-02	8.51E-03	0.00E+00	1.31E-02	0.00E+00	0.00E+00	1.83E-02	0.00E+00	0.00E+00	1.85E-02
1971	ALL		484125	3718575	NonCancer	0.00E+00	7.21E-05	1.83E-02	0.00E+00	0.00E+00	1.85E-02	8.49E-03	0.00E+00	1.31E-02	0.00E+00	0.00E+00	1.83E-02	0.00E+00	0.00E+00	1.85E-02
1972	ALL		484175	3718575	NonCancer	0.00E+00	4.44E-05	1.19E-02	0.00E+00	0.00E+00	1.20E-02	5.23E-03	0.00E+00	8.07E-03	0.00E+00	0.00E+00	1.19E-02	0.00E+00	0.00E+00	1.20E-02
1973	ALL		484225	3718575	NonCancer	0.00E+00	3.94E-05	1.08E-02	0.00E+00	0.00E+00	1.09E-02	4.64E-03	0.00E+00	7.15E-03	0.00E+00	0.00E+00	1.08E-02	0.00E+00	0.00E+00	1.09E-02
1974	ALL		484275	3718575	NonCancer	0.00E+00	3.78E-05	1.04E-02	0.00E+00	0.00E+00	1.04E-02	4.45E-03	0.00E+00	6.85E-03	0.00E+00	0.00E+00	1.04E-02	0.00E+00	0.00E+00	1.04E-02
1975	ALL		484325	3718575	NonCancer	0.00E+00	4.18E-05	1.14E-02	0.00E+00	0.00E+00	1.14E-02	4.92E-03	0.00E+00	7.59E-03	0.00E+00	0.00E+00	1.14E-02	0.00E+00	0.00E+00	1.14E-02
1976	ALL		484375	3718575	NonCancer	0.00E+00	4.28E-05	1.23E-02	0.00E+00	0.00E+00	1.24E-02	5.04E-03	0.00E+00	7.77E-03	0.00E+00	0.00E+00	1.23E-02	0.00E+00	0.00E+00	1.24E-02
1977	ALL		484425	3718575	NonCancer	0.00E+00	4.12E-05	1.22E-02	0.00E+00	0.00E+00	1.23E-02	4.85E-03	0.00E+00	7.48E-03	0.00E+00	0.00E+00	1.22E-02	0.00E+00	0.00E+00	1.23E-02
1978	ALL		484475	3718575	NonCancer	0.00E+00	3.80E-05	1.09E-02	0.00E+00	0.00E+00	1.10E-02	4.47E-03	0.00E+00	6.89E-03	0.00E+00	0.00E+00	1.09E-02	0.00E+00	0.00E+00	1.10E-02
1979	ALL		484525	3718575	NonCancer	0.00E+00	3.50E-05	9.71E-03	0.00E+00	0.00E+00	9.79E-03	4.12E-03	0.00E+00	6.34E-03	0.00E+00	0.00E+00	9.71E-03	0.00E+00	0.00E+00	9.79E-03
1980	ALL		484575	3718575	NonCancer	0.00E+00	3.44E-05	9.64E-03	0.00E+00	0.00E+00	9.72E-03	4.05E-03	0.00E+00	6.25E-03	0.00E+00	0.00E+00	9.64E-03	0.00E+00	0.00E+00	9.72E-03

*HARP - HRACalc v19044 3/19/2020 1:54:44 PM - Acute Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitAcuteHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1981	ALL		484625	3718575	NonCancer	0.00E+00	3.10E-05	8.88E-03	0.00E+00	0.00E+00	8.95E-03	3.65E-03	0.00E+00	5.63E-03	0.00E+00	0.00E+00	8.88E-03	0.00E+00	0.00E+00	8.95E-03
1982	ALL		484675	3718575	NonCancer	0.00E+00	2.87E-05	8.18E-03	0.00E+00	0.00E+00	8.25E-03	3.38E-03	0.00E+00	5.21E-03	0.00E+00	0.00E+00	8.18E-03	0.00E+00	0.00E+00	8.25E-03
1983	ALL		484725	3718575	NonCancer	0.00E+00	2.58E-05	7.16E-03	0.00E+00	0.00E+00	7.22E-03	3.04E-03	0.00E+00	4.68E-03	0.00E+00	0.00E+00	7.16E-03	0.00E+00	0.00E+00	7.22E-03
1984	ALL		484775	3718575	NonCancer	0.00E+00	2.46E-05	6.80E-03	0.00E+00	0.00E+00	6.86E-03	2.89E-03	0.00E+00	4.46E-03	0.00E+00	0.00E+00	6.80E-03	0.00E+00	0.00E+00	6.86E-03
1985	ALL		484825	3718575	NonCancer	0.00E+00	2.25E-05	6.26E-03	0.00E+00	0.00E+00	6.31E-03	2.65E-03	0.00E+00	4.09E-03	0.00E+00	0.00E+00	6.26E-03	0.00E+00	0.00E+00	6.31E-03
1986	ALL		484875	3718575	NonCancer	0.00E+00	2.16E-05	6.05E-03	0.00E+00	0.00E+00	6.10E-03	2.54E-03	0.00E+00	3.92E-03	0.00E+00	0.00E+00	6.05E-03	0.00E+00	0.00E+00	6.10E-03
1987	ALL		484925	3718575	NonCancer	0.00E+00	2.19E-05	6.20E-03	0.00E+00	0.00E+00	6.25E-03	2.58E-03	0.00E+00	3.98E-03	0.00E+00	0.00E+00	6.20E-03	0.00E+00	0.00E+00	6.25E-03
1988	ALL		484975	3718575	NonCancer	0.00E+00	2.27E-05	6.62E-03	0.00E+00	0.00E+00	6.67E-03	2.68E-03	0.00E+00	4.12E-03	0.00E+00	0.00E+00	6.62E-03	0.00E+00	0.00E+00	6.67E-03
1989	ALL		485025	3718575	NonCancer	0.00E+00	2.34E-05	6.83E-03	0.00E+00	0.00E+00	6.88E-03	2.76E-03	0.00E+00	4.25E-03	0.00E+00	0.00E+00	6.83E-03	0.00E+00	0.00E+00	6.88E-03
1990	ALL		485075	3718575	NonCancer	0.00E+00	2.34E-05	6.71E-03	0.00E+00	0.00E+00	6.76E-03	2.76E-03	0.00E+00	4.25E-03	0.00E+00	0.00E+00	6.71E-03	0.00E+00	0.00E+00	6.76E-03
1991	ALL		485125	3718575	NonCancer	0.00E+00	2.24E-05	6.24E-03	0.00E+00	0.00E+00	6.30E-03	2.64E-03	0.00E+00	4.07E-03	0.00E+00	0.00E+00	6.24E-03	0.00E+00	0.00E+00	6.30E-03
1992	ALL		485175	3718575	NonCancer	0.00E+00	2.06E-05	5.57E-03	0.00E+00	0.00E+00	5.61E-03	2.42E-03	0.00E+00	3.73E-03	0.00E+00	0.00E+00	5.57E-03	0.00E+00	0.00E+00	5.61E-03
1993	ALL		485225	3718575	NonCancer	0.00E+00	1.79E-05	4.85E-03	0.00E+00	0.00E+00	4.89E-03	2.11E-03	0.00E+00	3.25E-03	0.00E+00	0.00E+00	4.85E-03	0.00E+00	0.00E+00	4.89E-03
1994	ALL		485275	3718575	NonCancer	0.00E+00	1.53E-05	4.19E-03	0.00E+00	0.00E+00	4.22E-03	1.80E-03	0.00E+00	2.78E-03	0.00E+00	0.00E+00	4.19E-03	0.00E+00	0.00E+00	4.22E-03
1995	ALL		485325	3718575	NonCancer	0.00E+00	1.39E-05	3.84E-03	0.00E+00	0.00E+00	3.88E-03	1.64E-03	0.00E+00	2.53E-03	0.00E+00	0.00E+00	3.84E-03	0.00E+00	0.00E+00	3.88E-03
1996	ALL		485375	3718575	NonCancer	0.00E+00	1.31E-05	3.64E-03	0.00E+00	0.00E+00	3.67E-03	1.55E-03	0.00E+00	2.38E-03	0.00E+00	0.00E+00	3.64E-03	0.00E+00	0.00E+00	3.67E-03
1997	ALL		485425	3718575	NonCancer	0.00E+00	1.27E-05	3.52E-03	0.00E+00	0.00E+00	3.54E-03	1.50E-03	0.00E+00	2.31E-03	0.00E+00	0.00E+00	3.52E-03	0.00E+00	0.00E+00	3.54E-03
1998	ALL		485475	3718575	NonCancer	0.00E+00	1.20E-05	3.32E-03	0.00E+00	0.00E+00	3.35E-03	1.42E-03	0.00E+00	2.19E-03	0.00E+00	0.00E+00	3.32E-03	0.00E+00	0.00E+00	3.35E-03
1999	ALL		482925	3718625	NonCancer	0.00E+00	4.56E-05	1.31E-02	0.00E+00	0.00E+00	1.32E-02	5.37E-03	0.00E+00	8.28E-03	0.00E+00	0.00E+00	1.31E-02	0.00E+00	0.00E+00	1.32E-02
2000	ALL		482975	3718625	NonCancer	0.00E+00	4.68E-05	1.35E-02	0.00E+00	0.00E+00	1.36E-02	5.51E-03	0.00E+00	8.50E-03	0.00E+00	0.00E+00	1.35E-02	0.00E+00	0.00E+00	1.36E-02
2001	ALL		483025	3718625	NonCancer	0.00E+00	4.78E-05	1.39E-02	0.00E+00	0.00E+00	1.40E-02	5.63E-03	0.00E+00	8.68E-03	0.00E+00	0.00E+00	1.39E-02	0.00E+00	0.00E+00	1.40E-02
2002	ALL		483075	3718625	NonCancer	0.00E+00	4.55E-05	1.35E-02	0.00E+00	0.00E+00	1.36E-02	5.35E-03	0.00E+00	8.25E-03	0.00E+00	0.00E+00	1.35E-02	0.00E+00	0.00E+00	1.36E-02
2003	ALL		483125	3718625	NonCancer	0.00E+00	4.38E-05	1.31E-02	0.00E+00	0.00E+00	1.32E-02	5.16E-03	0.00E+00	7.95E-03	0.00E+00	0.00E+00	1.31E-02	0.00E+00	0.00E+00	1.32E-02
2004	ALL		483175	3718625	NonCancer	0.00E+00	4.43E-05	1.33E-02	0.00E+00	0.00E+00	1.34E-02	5.21E-03	0.00E+00	8.03E-03	0.00E+00	0.00E+00	1.33E-02	0.00E+00	0.00E+00	1.34E-02
2005	ALL		483225	3718625	NonCancer	0.00E+00	4.58E-05	1.38E-02	0.00E+00	0.00E+00	1.39E-02	5.39E-03	0.00E+00	8.31E-03	0.00E+00	0.00E+00	1.38E-02	0.00E+00	0.00E+00	1.39E-02
2006	ALL		483275	3718625	NonCancer	0.00E+00	4.73E-05	1.43E-02	0.00E+00	0.00E+00	1.44E-02	5.57E-03	0.00E+00	8.59E-03	0.00E+00	0.00E+00	1.43E-02	0.00E+00	0.00E+00	1.44E-02
2007	ALL		483325	3718625	NonCancer	0.00E+00	4.89E-05	1.48E-02	0.00E+00	0.00E+00	1.50E-02	5.76E-03	0.00E+00	8.88E-03	0.00E+00	0.00E+00	1.48E-02	0.00E+00	0.00E+00	1.50E-02
2008	ALL		483375	3718625	NonCancer	0.00E+00	4.99E-05	1.50E-02	0.00E+00	0.00E+00	1.51E-02	5.87E-03	0.00E+00	9.06E-03	0.00E+00	0.00E+00	1.50E-02	0.00E+00	0.00E+00	1.51E-02
2009	ALL		483425	3718625	NonCancer	0.00E+00	5.43E-05	1.64E-02	0.00E+00	0.00E+00	1.65E-02	6.40E-03	0.00E+00	9.86E-03	0.00E+00	0.00E+00	1.64E-02	0.00E+00	0.00E+00	1.65E-02
2010	ALL		483475	3718625	NonCancer	0.00E+00	5.89E-05	1.77E-02	0.00E+00	0.00E+00	1.78E-02	6.93E-03	0.00E+00	1.07E-02	0.00E+00	0.00E+00	1.77E-02	0.00E+00	0.00E+00	1.78E-02
2011	ALL		483525	3718625	NonCancer	0.00E+00	6.17E-05	1.85E-02	0.00E+00	0.00E+00	1.86E-02	7.26E-03	0.00E+00	1.12E-02	0.00E+00	0.00E+00	1.85E-02	0.00E+00	0.00E+00	1.86E-02
2012	ALL		483575	3718625	NonCancer	0.00E+00	6.56E-05	1.92E-02	0.00E+00	0.00E+00	1.93E-02	7.73E-03	0.00E+00	1.19E-02	0.00E+00	0.00E+00	1.92E-02	0.00E+00	0.00E+00	1.93E-02
2013	ALL		483625	3718625	NonCancer	0.00E+00	6.16E-05	1.74E-02	0.00E+00	0.00E+00	1.75E-02	7.25E-03	0.00E+00	1.12E-02	0.00E+00	0.00E+00	1.74E-02	0.00E+00	0.00E+00	1.75E-02
2014	ALL		483675	3718625	NonCancer	0.00E+00	5.45E-05	1.49E-02	0.00E+00	0.00E+00	1.51E-02	6.42E-03	0.00E+00	9.90E-03	0.00E+00	0.00E+00	1.49E-02	0.00E+00	0.00E+00	1.51E-02
2015	ALL		483725	3718625	NonCancer	0.00E+00	5.44E-05	1.48E-02	0.00E+00	0.00E+00	1.49E-02	6.40E-03	0.00E+00	9.87E-03	0.00E+00	0.00E+00	1.48E-02	0.00E+00	0.00E+00	1.49E-02
2016	ALL		483775	3718625	NonCancer	0.00E+00	5.18E-05	1.37E-02	0.00E+00	0.00E+00	1.38E-02	6.10E-03	0.00E+00	9.40E-03	0.00E+00	0.00E+00	1.37E-02	0.00E+00	0.00E+00	1.38E-02
2017	ALL		483825	3718625	NonCancer	0.00E+00	4.58E-05	1.20E-02	0.00E+00	0.00E+00	1.21E-02	5.39E-03	0.00E+00	8.31E-03	0.00E+00	0.00E+00	1.20E-02	0.00E+00	0.00E+00	1.21E-02
2018	ALL		483875	3718625	NonCancer	0.00E+00	4.34E-05	1.14E-02	0.00E+00	0.00E+00	1.15E-02	5.11E-03	0.00E+00	7.87E-03	0.00E+00	0.00E+00	1.14E-02	0.00E+00	0.00E+00	1.15E-02
2019	ALL		483925	3718625	NonCancer	0.00E+00	4.67E-05	1.22E-02	0.00E+00	0.00E+00	1.23E-02	5.50E-03	0.00E+00	8.49E-03	0.00E+00	0.00E+00	1.22E-02	0.00E+00	0.00E+00	1.23E-02
2020	ALL		483975	3718625	NonCancer	0.00E+00	4.81E-05	1.25E-02	0.00E+00	0.00E+00	1.26E-02	5.66E-03	0.00E+00	8.73E-03	0.00E+00	0.00E+00	1.25E-02	0.00E+00	0.00E+00	1.26E-02
2021	ALL		484025	3718625	NonCancer	0.00E+00	4.84E-05	1.26E-02	0.00E+00	0.00E+00	1.28E-02	5.70E-03	0.00E+00	8.79E-03	0.00E+00	0.00E+00	1.26E-02	0.00E+00	0.00E+00	1.28E-02
2022	ALL		484075	3718625	NonCancer	0.00E+00	6.54E-05	1.66E-02	0.00E+00	0.00E+00	1.68E-02	7.71E-03	0.00E+00	1.19E-02	0.00E+00	0.00E+00	1.66E-02	0.00E+00	0.00E+00	1.68E-02
2023	ALL		484125	3718625	NonCancer	0.00E+00	7.46E-05	1.88E-02	0.00E+00	0.00E+00	1.90E-02	8.79E-03	0.00E+00	1.36E-02	0.00E+00	0.00E+00	1.88E-02	0.00E+00	0.00E+00	1.90E-02
2024	ALL		484175	3718625	NonCancer	0.00E+00	4.25E-05	1.13E-02	0.00E+00	0.00E+00	1.14E-02	5.00E-03	0.00E+00	7.71E-03	0.00E+00	0.00E+00	1.13E-02	0.00E+00	0.00E+00	1.14E-02
2025	ALL		484225	3718625	NonCancer	0.00E+00	3.74E-05	1.01E-02	0.00E+00	0.00E+00	1.02E-02	4.40E-03	0.00E+00	6.79E-03	0.00E+00	0.00E+00	1.01E-02	0.00E+00	0.00E+00	1.02E-02

*HARP - HRACalc v19044 3/19/2020 1:54:44 PM - Acute Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitAcuteHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
2026	ALL		484275	3718625	NonCancer	0.00E+00	3.50E-05	9.57E-03	0.00E+00	0.00E+00	9.65E-03	4.12E-03	0.00E+00	6.35E-03	0.00E+00	0.00E+00	9.57E-03	0.00E+00	0.00E+00	9.65E-03
2027	ALL		484325	3718625	NonCancer	0.00E+00	3.78E-05	1.02E-02	0.00E+00	0.00E+00	1.03E-02	4.45E-03	0.00E+00	6.86E-03	0.00E+00	0.00E+00	1.02E-02	0.00E+00	0.00E+00	1.03E-02
2028	ALL		484375	3718625	NonCancer	0.00E+00	3.93E-05	1.11E-02	0.00E+00	0.00E+00	1.12E-02	4.63E-03	0.00E+00	7.14E-03	0.00E+00	0.00E+00	1.11E-02	0.00E+00	0.00E+00	1.12E-02
2029	ALL		484425	3718625	NonCancer	0.00E+00	3.80E-05	1.11E-02	0.00E+00	0.00E+00	1.12E-02	4.48E-03	0.00E+00	6.90E-03	0.00E+00	0.00E+00	1.11E-02	0.00E+00	0.00E+00	1.12E-02
2030	ALL		484475	3718625	NonCancer	0.00E+00	3.57E-05	1.03E-02	0.00E+00	0.00E+00	1.04E-02	4.21E-03	0.00E+00	6.48E-03	0.00E+00	0.00E+00	1.03E-02	0.00E+00	0.00E+00	1.04E-02
2031	ALL		484525	3718625	NonCancer	0.00E+00	3.12E-05	8.67E-03	0.00E+00	0.00E+00	8.74E-03	3.68E-03	0.00E+00	5.67E-03	0.00E+00	0.00E+00	8.67E-03	0.00E+00	0.00E+00	8.74E-03
2032	ALL		484575	3718625	NonCancer	0.00E+00	3.17E-05	8.74E-03	0.00E+00	0.00E+00	8.82E-03	3.73E-03	0.00E+00	5.75E-03	0.00E+00	0.00E+00	8.74E-03	0.00E+00	0.00E+00	8.82E-03
2033	ALL		484625	3718625	NonCancer	0.00E+00	2.94E-05	8.33E-03	0.00E+00	0.00E+00	8.40E-03	3.46E-03	0.00E+00	5.34E-03	0.00E+00	0.00E+00	8.33E-03	0.00E+00	0.00E+00	8.40E-03
2034	ALL		484675	3718625	NonCancer	0.00E+00	2.70E-05	7.73E-03	0.00E+00	0.00E+00	7.79E-03	3.17E-03	0.00E+00	4.89E-03	0.00E+00	0.00E+00	7.73E-03	0.00E+00	0.00E+00	7.79E-03
2035	ALL		484725	3718625	NonCancer	0.00E+00	2.51E-05	7.02E-03	0.00E+00	0.00E+00	7.08E-03	2.95E-03	0.00E+00	4.55E-03	0.00E+00	0.00E+00	7.02E-03	0.00E+00	0.00E+00	7.08E-03
2036	ALL		484775	3718625	NonCancer	0.00E+00	2.34E-05	6.47E-03	0.00E+00	0.00E+00	6.52E-03	2.75E-03	0.00E+00	4.24E-03	0.00E+00	0.00E+00	6.47E-03	0.00E+00	0.00E+00	6.52E-03
2037	ALL		484825	3718625	NonCancer	0.00E+00	2.22E-05	6.14E-03	0.00E+00	0.00E+00	6.19E-03	2.61E-03	0.00E+00	4.03E-03	0.00E+00	0.00E+00	6.14E-03	0.00E+00	0.00E+00	6.19E-03
2038	ALL		484875	3718625	NonCancer	0.00E+00	2.08E-05	5.78E-03	0.00E+00	0.00E+00	5.82E-03	2.45E-03	0.00E+00	3.77E-03	0.00E+00	0.00E+00	5.78E-03	0.00E+00	0.00E+00	5.82E-03
2039	ALL		484925	3718625	NonCancer	0.00E+00	1.95E-05	5.46E-03	0.00E+00	0.00E+00	5.50E-03	2.30E-03	0.00E+00	3.55E-03	0.00E+00	0.00E+00	5.46E-03	0.00E+00	0.00E+00	5.50E-03
2040	ALL		484975	3718625	NonCancer	0.00E+00	1.98E-05	5.58E-03	0.00E+00	0.00E+00	5.63E-03	2.33E-03	0.00E+00	3.60E-03	0.00E+00	0.00E+00	5.58E-03	0.00E+00	0.00E+00	5.63E-03
2041	ALL		485025	3718625	NonCancer	0.00E+00	2.04E-05	5.91E-03	0.00E+00	0.00E+00	5.96E-03	2.40E-03	0.00E+00	3.70E-03	0.00E+00	0.00E+00	5.91E-03	0.00E+00	0.00E+00	5.96E-03
2042	ALL		485075	3718625	NonCancer	0.00E+00	2.13E-05	6.19E-03	0.00E+00	0.00E+00	6.23E-03	2.50E-03	0.00E+00	3.86E-03	0.00E+00	0.00E+00	6.19E-03	0.00E+00	0.00E+00	6.23E-03
2043	ALL		485125	3718625	NonCancer	0.00E+00	2.13E-05	6.11E-03	0.00E+00	0.00E+00	6.16E-03	2.51E-03	0.00E+00	3.87E-03	0.00E+00	0.00E+00	6.11E-03	0.00E+00	0.00E+00	6.16E-03
2044	ALL		485175	3718625	NonCancer	0.00E+00	2.04E-05	5.71E-03	0.00E+00	0.00E+00	5.76E-03	2.41E-03	0.00E+00	3.71E-03	0.00E+00	0.00E+00	5.71E-03	0.00E+00	0.00E+00	5.76E-03
2045	ALL		485225	3718625	NonCancer	0.00E+00	1.88E-05	5.10E-03	0.00E+00	0.00E+00	5.15E-03	2.22E-03	0.00E+00	3.42E-03	0.00E+00	0.00E+00	5.10E-03	0.00E+00	0.00E+00	5.15E-03
2046	ALL		485275	3718625	NonCancer	0.00E+00	1.68E-05	4.53E-03	0.00E+00	0.00E+00	4.57E-03	1.97E-03	0.00E+00	3.04E-03	0.00E+00	0.00E+00	4.53E-03	0.00E+00	0.00E+00	4.57E-03
2047	ALL		485325	3718625	NonCancer	0.00E+00	1.45E-05	3.97E-03	0.00E+00	0.00E+00	4.00E-03	1.71E-03	0.00E+00	2.64E-03	0.00E+00	0.00E+00	3.97E-03	0.00E+00	0.00E+00	4.00E-03
2048	ALL		485375	3718625	NonCancer	0.00E+00	1.32E-05	3.64E-03	0.00E+00	0.00E+00	3.67E-03	1.56E-03	0.00E+00	2.40E-03	0.00E+00	0.00E+00	3.64E-03	0.00E+00	0.00E+00	3.67E-03
2049	ALL		485425	3718625	NonCancer	0.00E+00	1.25E-05	3.45E-03	0.00E+00	0.00E+00	3.47E-03	1.47E-03	0.00E+00	2.26E-03	0.00E+00	0.00E+00	3.45E-03	0.00E+00	0.00E+00	3.47E-03
2050	ALL		485475	3718625	NonCancer	0.00E+00	1.20E-05	3.31E-03	0.00E+00	0.00E+00	3.34E-03	1.41E-03	0.00E+00	2.17E-03	0.00E+00	0.00E+00	3.31E-03	0.00E+00	0.00E+00	3.34E-03
2051	ALL		482925	3718675	NonCancer	0.00E+00	4.41E-05	1.25E-02	0.00E+00	0.00E+00	1.26E-02	5.20E-03	0.00E+00	8.01E-03	0.00E+00	0.00E+00	1.25E-02	0.00E+00	0.00E+00	1.26E-02
2052	ALL		482975	3718675	NonCancer	0.00E+00	4.58E-05	1.31E-02	0.00E+00	0.00E+00	1.33E-02	5.40E-03	0.00E+00	8.32E-03	0.00E+00	0.00E+00	1.31E-02	0.00E+00	0.00E+00	1.33E-02
2053	ALL		483025	3718675	NonCancer	0.00E+00	4.76E-05	1.38E-02	0.00E+00	0.00E+00	1.39E-02	5.60E-03	0.00E+00	8.64E-03	0.00E+00	0.00E+00	1.38E-02	0.00E+00	0.00E+00	1.39E-02
2054	ALL		483075	3718675	NonCancer	0.00E+00	4.60E-05	1.37E-02	0.00E+00	0.00E+00	1.38E-02	5.42E-03	0.00E+00	8.35E-03	0.00E+00	0.00E+00	1.37E-02	0.00E+00	0.00E+00	1.38E-02
2055	ALL		483125	3718675	NonCancer	0.00E+00	4.43E-05	1.32E-02	0.00E+00	0.00E+00	1.33E-02	5.22E-03	0.00E+00	8.04E-03	0.00E+00	0.00E+00	1.32E-02	0.00E+00	0.00E+00	1.33E-02
2056	ALL		483175	3718675	NonCancer	0.00E+00	4.35E-05	1.30E-02	0.00E+00	0.00E+00	1.31E-02	5.13E-03	0.00E+00	7.90E-03	0.00E+00	0.00E+00	1.30E-02	0.00E+00	0.00E+00	1.31E-02
2057	ALL		483225	3718675	NonCancer	0.00E+00	4.46E-05	1.34E-02	0.00E+00	0.00E+00	1.35E-02	5.25E-03	0.00E+00	8.09E-03	0.00E+00	0.00E+00	1.34E-02	0.00E+00	0.00E+00	1.35E-02
2058	ALL		483275	3718675	NonCancer	0.00E+00	4.65E-05	1.40E-02	0.00E+00	0.00E+00	1.41E-02	5.47E-03	0.00E+00	8.44E-03	0.00E+00	0.00E+00	1.40E-02	0.00E+00	0.00E+00	1.41E-02
2059	ALL		483325	3718675	NonCancer	0.00E+00	4.85E-05	1.47E-02	0.00E+00	0.00E+00	1.48E-02	5.71E-03	0.00E+00	8.80E-03	0.00E+00	0.00E+00	1.47E-02	0.00E+00	0.00E+00	1.48E-02
2060	ALL		483375	3718675	NonCancer	0.00E+00	4.93E-05	1.49E-02	0.00E+00	0.00E+00	1.50E-02	5.80E-03	0.00E+00	8.95E-03	0.00E+00	0.00E+00	1.49E-02	0.00E+00	0.00E+00	1.50E-02
2061	ALL		483425	3718675	NonCancer	0.00E+00	5.04E-05	1.52E-02	0.00E+00	0.00E+00	1.53E-02	5.93E-03	0.00E+00	9.14E-03	0.00E+00	0.00E+00	1.52E-02	0.00E+00	0.00E+00	1.53E-02
2062	ALL		483475	3718675	NonCancer	0.00E+00	5.29E-05	1.59E-02	0.00E+00	0.00E+00	1.61E-02	6.23E-03	0.00E+00	9.60E-03	0.00E+00	0.00E+00	1.59E-02	0.00E+00	0.00E+00	1.61E-02
2063	ALL		483525	3718675	NonCancer	0.00E+00	5.73E-05	1.72E-02	0.00E+00	0.00E+00	1.74E-02	6.75E-03	0.00E+00	1.04E-02	0.00E+00	0.00E+00	1.72E-02	0.00E+00	0.00E+00	1.74E-02
2064	ALL		483575	3718675	NonCancer	0.00E+00	6.22E-05	1.86E-02	0.00E+00	0.00E+00	1.87E-02	7.33E-03	0.00E+00	1.13E-02	0.00E+00	0.00E+00	1.86E-02	0.00E+00	0.00E+00	1.87E-02
2065	ALL		483625	3718675	NonCancer	0.00E+00	6.35E-05	1.82E-02	0.00E+00	0.00E+00	1.83E-02	7.48E-03	0.00E+00	1.15E-02	0.00E+00	0.00E+00	1.82E-02	0.00E+00	0.00E+00	1.83E-02
2066	ALL		483675	3718675	NonCancer	0.00E+00	6.04E-05	1.70E-02	0.00E+00	0.00E+00	1.71E-02	7.11E-03	0.00E+00	1.10E-02	0.00E+00	0.00E+00	1.70E-02	0.00E+00	0.00E+00	1.71E-02
2067	ALL		483725	3718675	NonCancer	0.00E+00	5.65E-05	1.55E-02	0.00E+00	0.00E+00	1.57E-02	6.65E-03	0.00E+00	1.03E-02	0.00E+00	0.00E+00	1.55E-02	0.00E+00	0.00E+00	1.57E-02
2068	ALL		483775	3718675	NonCancer	0.00E+00	4.81E-05	1.26E-02	0.00E+00	0.00E+00	1.27E-02	5.66E-03	0.00E+00	8.73E-03	0.00E+00	0.00E+00	1.26E-02	0.00E+00	0.00E+00	1.27E-02
2069	ALL		483825	3718675	NonCancer	0.00E+00	4.80E-05	1.23E-02	0.00E+00	0.00E+00	1.24E-02	5.66E-03	0.00E+00	8.72E-03	0.00E+00	0.00E+00	1.23E-02	0.00E+00	0.00E+00	1.24E-02
2070	ALL		483875	3718675	NonCancer	0.00E+00	4.40E-05	1.14E-02	0.00E+00	0.00E+00	1.15E-02	5.18E-03	0.00E+00	7.98E-03	0.00E+00	0.00E+00	1.14E-02	0.00E+00	0.00E+00	1.15E-02

*HARP - HRACalc v19044 3/19/2020 1:54:44 PM - Acute Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitAcuteHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
2071	ALL		483925	3718675	NonCancer	0.00E+00	5.05E-05	1.29E-02	0.00E+00	0.00E+00	1.31E-02	5.94E-03	0.00E+00	9.16E-03	0.00E+00	0.00E+00	1.29E-02	0.00E+00	0.00E+00	1.31E-02
2072	ALL		483975	3718675	NonCancer	0.00E+00	5.26E-05	1.35E-02	0.00E+00	0.00E+00	1.36E-02	6.19E-03	0.00E+00	9.55E-03	0.00E+00	0.00E+00	1.35E-02	0.00E+00	0.00E+00	1.36E-02
2073	ALL		484025	3718675	NonCancer	0.00E+00	4.83E-05	1.25E-02	0.00E+00	0.00E+00	1.26E-02	5.69E-03	0.00E+00	8.77E-03	0.00E+00	0.00E+00	1.25E-02	0.00E+00	0.00E+00	1.26E-02
2074	ALL		484075	3718675	NonCancer	0.00E+00	6.22E-05	1.58E-02	0.00E+00	0.00E+00	1.59E-02	7.32E-03	0.00E+00	1.13E-02	0.00E+00	0.00E+00	1.58E-02	0.00E+00	0.00E+00	1.59E-02
2075	ALL		484125	3718675	NonCancer	0.00E+00	7.86E-05	1.96E-02	0.00E+00	0.00E+00	1.98E-02	9.25E-03	0.00E+00	1.43E-02	0.00E+00	0.00E+00	1.96E-02	0.00E+00	0.00E+00	1.98E-02
2076	ALL		484175	3718675	NonCancer	0.00E+00	4.14E-05	1.09E-02	0.00E+00	0.00E+00	1.10E-02	4.87E-03	0.00E+00	7.51E-03	0.00E+00	0.00E+00	1.09E-02	0.00E+00	0.00E+00	1.10E-02
2077	ALL		484225	3718675	NonCancer	0.00E+00	3.58E-05	9.60E-03	0.00E+00	0.00E+00	9.68E-03	4.21E-03	0.00E+00	6.49E-03	0.00E+00	0.00E+00	9.60E-03	0.00E+00	0.00E+00	9.68E-03
2078	ALL		484275	3718675	NonCancer	0.00E+00	3.31E-05	9.03E-03	0.00E+00	0.00E+00	9.11E-03	3.90E-03	0.00E+00	6.02E-03	0.00E+00	0.00E+00	9.03E-03	0.00E+00	0.00E+00	9.11E-03
2079	ALL		484325	3718675	NonCancer	0.00E+00	3.44E-05	9.32E-03	0.00E+00	0.00E+00	9.40E-03	4.05E-03	0.00E+00	6.25E-03	0.00E+00	0.00E+00	9.32E-03	0.00E+00	0.00E+00	9.40E-03
2080	ALL		484375	3718675	NonCancer	0.00E+00	3.61E-05	1.00E-02	0.00E+00	0.00E+00	1.01E-02	4.25E-03	0.00E+00	6.55E-03	0.00E+00	0.00E+00	1.00E-02	0.00E+00	0.00E+00	1.01E-02
2081	ALL		484425	3718675	NonCancer	0.00E+00	3.51E-05	1.02E-02	0.00E+00	0.00E+00	1.03E-02	4.13E-03	0.00E+00	6.37E-03	0.00E+00	0.00E+00	1.02E-02	0.00E+00	0.00E+00	1.03E-02
2082	ALL		484475	3718675	NonCancer	0.00E+00	3.35E-05	9.70E-03	0.00E+00	0.00E+00	9.78E-03	3.95E-03	0.00E+00	6.09E-03	0.00E+00	0.00E+00	9.70E-03	0.00E+00	0.00E+00	9.78E-03
2083	ALL		484525	3718675	NonCancer	0.00E+00	3.00E-05	8.34E-03	0.00E+00	0.00E+00	8.41E-03	3.54E-03	0.00E+00	5.45E-03	0.00E+00	0.00E+00	8.34E-03	0.00E+00	0.00E+00	8.41E-03
2084	ALL		484575	3718675	NonCancer	0.00E+00	2.90E-05	7.95E-03	0.00E+00	0.00E+00	8.01E-03	3.41E-03	0.00E+00	5.26E-03	0.00E+00	0.00E+00	7.95E-03	0.00E+00	0.00E+00	8.01E-03
2085	ALL		484625	3718675	NonCancer	0.00E+00	2.78E-05	7.77E-03	0.00E+00	0.00E+00	7.84E-03	3.27E-03	0.00E+00	5.04E-03	0.00E+00	0.00E+00	7.77E-03	0.00E+00	0.00E+00	7.84E-03
2086	ALL		484675	3718675	NonCancer	0.00E+00	2.50E-05	7.12E-03	0.00E+00	0.00E+00	7.18E-03	2.94E-03	0.00E+00	4.53E-03	0.00E+00	0.00E+00	7.12E-03	0.00E+00	0.00E+00	7.18E-03
2087	ALL		484725	3718675	NonCancer	0.00E+00	2.41E-05	6.83E-03	0.00E+00	0.00E+00	6.89E-03	2.84E-03	0.00E+00	4.38E-03	0.00E+00	0.00E+00	6.83E-03	0.00E+00	0.00E+00	6.89E-03
2088	ALL		484775	3718675	NonCancer	0.00E+00	2.22E-05	6.13E-03	0.00E+00	0.00E+00	6.18E-03	2.61E-03	0.00E+00	4.02E-03	0.00E+00	0.00E+00	6.13E-03	0.00E+00	0.00E+00	6.18E-03
2089	ALL		484825	3718675	NonCancer	0.00E+00	2.11E-05	5.83E-03	0.00E+00	0.00E+00	5.87E-03	2.48E-03	0.00E+00	3.83E-03	0.00E+00	0.00E+00	5.83E-03	0.00E+00	0.00E+00	5.87E-03
2090	ALL		484875	3718675	NonCancer	0.00E+00	1.97E-05	5.47E-03	0.00E+00	0.00E+00	5.52E-03	2.32E-03	0.00E+00	3.58E-03	0.00E+00	0.00E+00	5.47E-03	0.00E+00	0.00E+00	5.52E-03
2091	ALL		484925	3718675	NonCancer	0.00E+00	1.83E-05	5.08E-03	0.00E+00	0.00E+00	5.12E-03	2.16E-03	0.00E+00	3.32E-03	0.00E+00	0.00E+00	5.08E-03	0.00E+00	0.00E+00	5.12E-03
2092	ALL		484975	3718675	NonCancer	0.00E+00	1.78E-05	4.97E-03	0.00E+00	0.00E+00	5.01E-03	2.10E-03	0.00E+00	3.24E-03	0.00E+00	0.00E+00	4.97E-03	0.00E+00	0.00E+00	5.01E-03
2093	ALL		485025	3718675	NonCancer	0.00E+00	1.82E-05	5.10E-03	0.00E+00	0.00E+00	5.14E-03	2.14E-03	0.00E+00	3.30E-03	0.00E+00	0.00E+00	5.10E-03	0.00E+00	0.00E+00	5.14E-03
2094	ALL		485075	3718675	NonCancer	0.00E+00	1.89E-05	5.45E-03	0.00E+00	0.00E+00	5.50E-03	2.23E-03	0.00E+00	3.44E-03	0.00E+00	0.00E+00	5.45E-03	0.00E+00	0.00E+00	5.50E-03
2095	ALL		485125	3718675	NonCancer	0.00E+00	1.94E-05	5.62E-03	0.00E+00	0.00E+00	5.66E-03	2.28E-03	0.00E+00	3.52E-03	0.00E+00	0.00E+00	5.62E-03	0.00E+00	0.00E+00	5.66E-03
2096	ALL		485175	3718675	NonCancer	0.00E+00	1.93E-05	5.53E-03	0.00E+00	0.00E+00	5.58E-03	2.27E-03	0.00E+00	3.51E-03	0.00E+00	0.00E+00	5.53E-03	0.00E+00	0.00E+00	5.58E-03
2097	ALL		485225	3718675	NonCancer	0.00E+00	1.88E-05	5.25E-03	0.00E+00	0.00E+00	5.30E-03	2.21E-03	0.00E+00	3.40E-03	0.00E+00	0.00E+00	5.25E-03	0.00E+00	0.00E+00	5.30E-03
2098	ALL		485275	3718675	NonCancer	0.00E+00	1.75E-05	4.76E-03	0.00E+00	0.00E+00	4.80E-03	2.06E-03	0.00E+00	3.17E-03	0.00E+00	0.00E+00	4.76E-03	0.00E+00	0.00E+00	4.80E-03
2099	ALL		485325	3718675	NonCancer	0.00E+00	1.58E-05	4.26E-03	0.00E+00	0.00E+00	4.30E-03	1.86E-03	0.00E+00	2.86E-03	0.00E+00	0.00E+00	4.26E-03	0.00E+00	0.00E+00	4.30E-03
2100	ALL		485375	3718675	NonCancer	0.00E+00	1.38E-05	3.77E-03	0.00E+00	0.00E+00	3.80E-03	1.63E-03	0.00E+00	2.51E-03	0.00E+00	0.00E+00	3.77E-03	0.00E+00	0.00E+00	3.80E-03
2101	ALL		485425	3718675	NonCancer	0.00E+00	1.26E-05	3.46E-03	0.00E+00	0.00E+00	3.49E-03	1.48E-03	0.00E+00	2.28E-03	0.00E+00	0.00E+00	3.46E-03	0.00E+00	0.00E+00	3.49E-03
2102	ALL		485475	3718675	NonCancer	0.00E+00	1.19E-05	3.27E-03	0.00E+00	0.00E+00	3.30E-03	1.40E-03	0.00E+00	2.15E-03	0.00E+00	0.00E+00	3.27E-03	0.00E+00	0.00E+00	3.30E-03
2103	ALL		482925	3718725	NonCancer	0.00E+00	4.44E-05	1.28E-02	0.00E+00	0.00E+00	1.29E-02	5.23E-03	0.00E+00	8.05E-03	0.00E+00	0.00E+00	1.28E-02	0.00E+00	0.00E+00	1.29E-02
2104	ALL		482975	3718725	NonCancer	0.00E+00	4.58E-05	1.32E-02	0.00E+00	0.00E+00	1.33E-02	5.39E-03	0.00E+00	8.31E-03	0.00E+00	0.00E+00	1.32E-02	0.00E+00	0.00E+00	1.33E-02
2105	ALL		483025	3718725	NonCancer	0.00E+00	4.66E-05	1.35E-02	0.00E+00	0.00E+00	1.36E-02	5.49E-03	0.00E+00	8.46E-03	0.00E+00	0.00E+00	1.35E-02	0.00E+00	0.00E+00	1.36E-02
2106	ALL		483075	3718725	NonCancer	0.00E+00	4.64E-05	1.37E-02	0.00E+00	0.00E+00	1.38E-02	5.47E-03	0.00E+00	8.43E-03	0.00E+00	0.00E+00	1.37E-02	0.00E+00	0.00E+00	1.38E-02
2107	ALL		483125	3718725	NonCancer	0.00E+00	4.51E-05	1.34E-02	0.00E+00	0.00E+00	1.35E-02	5.31E-03	0.00E+00	8.19E-03	0.00E+00	0.00E+00	1.34E-02	0.00E+00	0.00E+00	1.35E-02
2108	ALL		483175	3718725	NonCancer	0.00E+00	4.46E-05	1.33E-02	0.00E+00	0.00E+00	1.34E-02	5.26E-03	0.00E+00	8.10E-03	0.00E+00	0.00E+00	1.33E-02	0.00E+00	0.00E+00	1.34E-02
2109	ALL		483225	3718725	NonCancer	0.00E+00	4.41E-05	1.31E-02	0.00E+00	0.00E+00	1.33E-02	5.19E-03	0.00E+00	8.00E-03	0.00E+00	0.00E+00	1.31E-02	0.00E+00	0.00E+00	1.33E-02
2110	ALL		483275	3718725	NonCancer	0.00E+00	4.54E-05	1.37E-02	0.00E+00	0.00E+00	1.38E-02	5.35E-03	0.00E+00	8.25E-03	0.00E+00	0.00E+00	1.37E-02	0.00E+00	0.00E+00	1.38E-02
2111	ALL		483325	3718725	NonCancer	0.00E+00	4.78E-05	1.44E-02	0.00E+00	0.00E+00	1.45E-02	5.63E-03	0.00E+00	8.67E-03	0.00E+00	0.00E+00	1.44E-02	0.00E+00	0.00E+00	1.45E-02
2112	ALL		483375	3718725	NonCancer	0.00E+00	4.90E-05	1.49E-02	0.00E+00	0.00E+00	1.50E-02	5.77E-03	0.00E+00	8.90E-03	0.00E+00	0.00E+00	1.49E-02	0.00E+00	0.00E+00	1.50E-02
2113	ALL		483425	3718725	NonCancer	0.00E+00	5.03E-05	1.52E-02	0.00E+00	0.00E+00	1.54E-02	5.92E-03	0.00E+00	9.13E-03	0.00E+00	0.00E+00	1.52E-02	0.00E+00	0.00E+00	1.54E-02
2114	ALL		483475	3718725	NonCancer	0.00E+00	5.13E-05	1.54E-02	0.00E+00	0.00E+00	1.55E-02	6.04E-03	0.00E+00	9.31E-03	0.00E+00	0.00E+00	1.54E-02	0.00E+00	0.00E+00	1.55E-02
2115	ALL		483525	3718725	NonCancer	0.00E+00	5.43E-05	1.63E-02	0.00E+00	0.00E+00	1.64E-02	6.40E-03	0.00E+00	9.86E-03	0.00E+00	0.00E+00	1.63E-02	0.00E+00	0.00E+00	1.64E-02

*HARP - HRACalc v19044 3/19/2020 1:54:44 PM - Acute Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitAcuteHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
2116	ALL		483575	3718725	NonCancer	0.00E+00	5.93E-05	1.78E-02	0.00E+00	0.00E+00	1.79E-02	6.99E-03	0.00E+00	1.08E-02	0.00E+00	0.00E+00	1.78E-02	0.00E+00	0.00E+00	1.79E-02
2117	ALL		483625	3718725	NonCancer	0.00E+00	6.40E-05	1.89E-02	0.00E+00	0.00E+00	1.91E-02	7.54E-03	0.00E+00	1.16E-02	0.00E+00	0.00E+00	1.89E-02	0.00E+00	0.00E+00	1.91E-02
2118	ALL		483675	3718725	NonCancer	0.00E+00	6.41E-05	1.83E-02	0.00E+00	0.00E+00	1.85E-02	7.55E-03	0.00E+00	1.16E-02	0.00E+00	0.00E+00	1.83E-02	0.00E+00	0.00E+00	1.85E-02
2119	ALL		483725	3718725	NonCancer	0.00E+00	5.82E-05	1.62E-02	0.00E+00	0.00E+00	1.63E-02	6.86E-03	0.00E+00	1.06E-02	0.00E+00	0.00E+00	1.62E-02	0.00E+00	0.00E+00	1.63E-02
2120	ALL		483775	3718725	NonCancer	0.00E+00	5.32E-05	1.45E-02	0.00E+00	0.00E+00	1.46E-02	6.26E-03	0.00E+00	9.65E-03	0.00E+00	0.00E+00	1.45E-02	0.00E+00	0.00E+00	1.46E-02
2121	ALL		483825	3718725	NonCancer	0.00E+00	5.23E-05	1.41E-02	0.00E+00	0.00E+00	1.42E-02	6.16E-03	0.00E+00	9.50E-03	0.00E+00	0.00E+00	1.41E-02	0.00E+00	0.00E+00	1.42E-02
2122	ALL		483875	3718725	NonCancer	0.00E+00	4.84E-05	1.23E-02	0.00E+00	0.00E+00	1.25E-02	5.70E-03	0.00E+00	8.78E-03	0.00E+00	0.00E+00	1.23E-02	0.00E+00	0.00E+00	1.25E-02
2123	ALL		483925	3718725	NonCancer	0.00E+00	5.11E-05	1.32E-02	0.00E+00	0.00E+00	1.34E-02	6.01E-03	0.00E+00	9.27E-03	0.00E+00	0.00E+00	1.32E-02	0.00E+00	0.00E+00	1.34E-02
2124	ALL		483975	3718725	NonCancer	0.00E+00	5.30E-05	1.37E-02	0.00E+00	0.00E+00	1.38E-02	6.24E-03	0.00E+00	9.62E-03	0.00E+00	0.00E+00	1.37E-02	0.00E+00	0.00E+00	1.38E-02
2125	ALL		484025	3718725	NonCancer	0.00E+00	4.86E-05	1.25E-02	0.00E+00	0.00E+00	1.26E-02	5.72E-03	0.00E+00	8.82E-03	0.00E+00	0.00E+00	1.25E-02	0.00E+00	0.00E+00	1.26E-02
2126	ALL		484075	3718725	NonCancer	0.00E+00	5.91E-05	1.49E-02	0.00E+00	0.00E+00	1.51E-02	6.96E-03	0.00E+00	1.07E-02	0.00E+00	0.00E+00	1.49E-02	0.00E+00	0.00E+00	1.51E-02
2127	ALL		484125	3718725	NonCancer	0.00E+00	8.12E-05	2.01E-02	0.00E+00	0.00E+00	2.03E-02	9.56E-03	0.00E+00	1.47E-02	0.00E+00	0.00E+00	2.01E-02	0.00E+00	0.00E+00	2.03E-02
2128	ALL		484175	3718725	NonCancer	0.00E+00	4.14E-05	1.08E-02	0.00E+00	0.00E+00	1.09E-02	4.87E-03	0.00E+00	7.51E-03	0.00E+00	0.00E+00	1.08E-02	0.00E+00	0.00E+00	1.09E-02
2129	ALL		484225	3718725	NonCancer	0.00E+00	3.46E-05	9.18E-03	0.00E+00	0.00E+00	9.26E-03	4.07E-03	0.00E+00	6.27E-03	0.00E+00	0.00E+00	9.18E-03	0.00E+00	0.00E+00	9.26E-03
2130	ALL		484275	3718725	NonCancer	0.00E+00	3.17E-05	8.59E-03	0.00E+00	0.00E+00	8.67E-03	3.73E-03	0.00E+00	5.75E-03	0.00E+00	0.00E+00	8.59E-03	0.00E+00	0.00E+00	8.67E-03
2131	ALL		484325	3718725	NonCancer	0.00E+00	3.20E-05	8.64E-03	0.00E+00	0.00E+00	8.71E-03	3.76E-03	0.00E+00	5.80E-03	0.00E+00	0.00E+00	8.64E-03	0.00E+00	0.00E+00	8.71E-03
2132	ALL		484375	3718725	NonCancer	0.00E+00	3.33E-05	9.11E-03	0.00E+00	0.00E+00	9.19E-03	3.92E-03	0.00E+00	6.05E-03	0.00E+00	0.00E+00	9.11E-03	0.00E+00	0.00E+00	9.19E-03
2133	ALL		484425	3718725	NonCancer	0.00E+00	3.28E-05	9.40E-03	0.00E+00	0.00E+00	9.47E-03	3.86E-03	0.00E+00	5.95E-03	0.00E+00	0.00E+00	9.40E-03	0.00E+00	0.00E+00	9.47E-03
2134	ALL		484475	3718725	NonCancer	0.00E+00	3.16E-05	9.13E-03	0.00E+00	0.00E+00	9.20E-03	3.72E-03	0.00E+00	5.74E-03	0.00E+00	0.00E+00	9.13E-03	0.00E+00	0.00E+00	9.20E-03
2135	ALL		484525	3718725	NonCancer	0.00E+00	2.93E-05	8.17E-03	0.00E+00	0.00E+00	8.24E-03	3.45E-03	0.00E+00	5.32E-03	0.00E+00	0.00E+00	8.17E-03	0.00E+00	0.00E+00	8.24E-03
2136	ALL		484575	3718725	NonCancer	0.00E+00	2.71E-05	7.38E-03	0.00E+00	0.00E+00	7.44E-03	3.19E-03	0.00E+00	4.91E-03	0.00E+00	0.00E+00	7.38E-03	0.00E+00	0.00E+00	7.44E-03
2137	ALL		484625	3718725	NonCancer	0.00E+00	2.60E-05	7.15E-03	0.00E+00	0.00E+00	7.21E-03	3.06E-03	0.00E+00	4.71E-03	0.00E+00	0.00E+00	7.15E-03	0.00E+00	0.00E+00	7.21E-03
2138	ALL		484675	3718725	NonCancer	0.00E+00	2.39E-05	6.76E-03	0.00E+00	0.00E+00	6.81E-03	2.81E-03	0.00E+00	4.34E-03	0.00E+00	0.00E+00	6.76E-03	0.00E+00	0.00E+00	6.81E-03
2139	ALL		484725	3718725	NonCancer	0.00E+00	2.28E-05	6.46E-03	0.00E+00	0.00E+00	6.51E-03	2.68E-03	0.00E+00	4.13E-03	0.00E+00	0.00E+00	6.46E-03	0.00E+00	0.00E+00	6.51E-03
2140	ALL		484775	3718725	NonCancer	0.00E+00	2.13E-05	5.96E-03	0.00E+00	0.00E+00	6.01E-03	2.51E-03	0.00E+00	3.87E-03	0.00E+00	0.00E+00	5.96E-03	0.00E+00	0.00E+00	6.01E-03
2141	ALL		484825	3718725	NonCancer	0.00E+00	2.01E-05	5.54E-03	0.00E+00	0.00E+00	5.59E-03	2.36E-03	0.00E+00	3.64E-03	0.00E+00	0.00E+00	5.54E-03	0.00E+00	0.00E+00	5.59E-03
2142	ALL		484875	3718725	NonCancer	0.00E+00	1.89E-05	5.23E-03	0.00E+00	0.00E+00	5.28E-03	2.23E-03	0.00E+00	3.44E-03	0.00E+00	0.00E+00	5.23E-03	0.00E+00	0.00E+00	5.28E-03
2143	ALL		484925	3718725	NonCancer	0.00E+00	1.76E-05	4.87E-03	0.00E+00	0.00E+00	4.91E-03	2.07E-03	0.00E+00	3.19E-03	0.00E+00	0.00E+00	4.87E-03	0.00E+00	0.00E+00	4.91E-03
2144	ALL		484975	3718725	NonCancer	0.00E+00	1.70E-05	4.72E-03	0.00E+00	0.00E+00	4.76E-03	2.01E-03	0.00E+00	3.09E-03	0.00E+00	0.00E+00	4.72E-03	0.00E+00	0.00E+00	4.76E-03
2145	ALL		485025	3718725	NonCancer	0.00E+00	1.69E-05	4.69E-03	0.00E+00	0.00E+00	4.73E-03	1.99E-03	0.00E+00	3.06E-03	0.00E+00	0.00E+00	4.69E-03	0.00E+00	0.00E+00	4.73E-03
2146	ALL		485075	3718725	NonCancer	0.00E+00	1.69E-05	4.73E-03	0.00E+00	0.00E+00	4.77E-03	1.99E-03	0.00E+00	3.06E-03	0.00E+00	0.00E+00	4.73E-03	0.00E+00	0.00E+00	4.77E-03
2147	ALL		485125	3718725	NonCancer	0.00E+00	1.74E-05	4.99E-03	0.00E+00	0.00E+00	5.03E-03	2.05E-03	0.00E+00	3.16E-03	0.00E+00	0.00E+00	4.99E-03	0.00E+00	0.00E+00	5.03E-03
2148	ALL		485175	3718725	NonCancer	0.00E+00	1.77E-05	5.12E-03	0.00E+00	0.00E+00	5.16E-03	2.09E-03	0.00E+00	3.22E-03	0.00E+00	0.00E+00	5.12E-03	0.00E+00	0.00E+00	5.16E-03
2149	ALL		485225	3718725	NonCancer	0.00E+00	1.78E-05	5.09E-03	0.00E+00	0.00E+00	5.13E-03	2.09E-03	0.00E+00	3.23E-03	0.00E+00	0.00E+00	5.09E-03	0.00E+00	0.00E+00	5.13E-03
2150	ALL		485275	3718725	NonCancer	0.00E+00	1.73E-05	4.86E-03	0.00E+00	0.00E+00	4.90E-03	2.04E-03	0.00E+00	3.15E-03	0.00E+00	0.00E+00	4.86E-03	0.00E+00	0.00E+00	4.90E-03
2151	ALL		485325	3718725	NonCancer	0.00E+00	1.63E-05	4.45E-03	0.00E+00	0.00E+00	4.49E-03	1.92E-03	0.00E+00	2.96E-03	0.00E+00	0.00E+00	4.45E-03	0.00E+00	0.00E+00	4.49E-03
2152	ALL		485375	3718725	NonCancer	0.00E+00	1.48E-05	3.99E-03	0.00E+00	0.00E+00	4.02E-03	1.74E-03	0.00E+00	2.68E-03	0.00E+00	0.00E+00	3.99E-03	0.00E+00	0.00E+00	4.02E-03
2153	ALL		485425	3718725	NonCancer	0.00E+00	1.30E-05	3.54E-03	0.00E+00	0.00E+00	3.57E-03	1.53E-03	0.00E+00	2.36E-03	0.00E+00	0.00E+00	3.54E-03	0.00E+00	0.00E+00	3.57E-03
2154	ALL		485475	3718725	NonCancer	0.00E+00	1.15E-05	3.17E-03	0.00E+00	0.00E+00	3.19E-03	1.36E-03	0.00E+00	2.10E-03	0.00E+00	0.00E+00	3.17E-03	0.00E+00	0.00E+00	3.19E-03
2155	ALL		482925	3718775	NonCancer	0.00E+00	4.40E-05	1.27E-02	0.00E+00	0.00E+00	1.28E-02	5.19E-03	0.00E+00	8.00E-03	0.00E+00	0.00E+00	1.27E-02	0.00E+00	0.00E+00	1.28E-02
2156	ALL		482975	3718775	NonCancer	0.00E+00	4.49E-05	1.30E-02	0.00E+00	0.00E+00	1.31E-02	5.29E-03	0.00E+00	8.15E-03	0.00E+00	0.00E+00	1.30E-02	0.00E+00	0.00E+00	1.31E-02
2157	ALL		483025	3718775	NonCancer	0.00E+00	4.59E-05	1.32E-02	0.00E+00	0.00E+00	1.33E-02	5.40E-03	0.00E+00	8.33E-03	0.00E+00	0.00E+00	1.32E-02	0.00E+00	0.00E+00	1.33E-02
2158	ALL		483075	3718775	NonCancer	0.00E+00	4.69E-05	1.36E-02	0.00E+00	0.00E+00	1.38E-02	5.52E-03	0.00E+00	8.51E-03	0.00E+00	0.00E+00	1.36E-02	0.00E+00	0.00E+00	1.38E-02
2159	ALL		483125	3718775	NonCancer	0.00E+00	4.47E-05	1.32E-02	0.00E+00	0.00E+00	1.33E-02	5.26E-03	0.00E+00	8.11E-03	0.00E+00	0.00E+00	1.32E-02	0.00E+00	0.00E+00	1.33E-02
2160	ALL		483175	3718775	NonCancer	0.00E+00	4.38E-05	1.30E-02	0.00E+00	0.00E+00	1.31E-02	5.15E-03	0.00E+00	7.95E-03	0.00E+00	0.00E+00	1.30E-02	0.00E+00	0.00E+00	1.31E-02

*HARP - HRACalc v19044 3/19/2020 1:54:44 PM - Acute Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitAcuteHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
2161	ALL		483225	3718775	NonCancer	0.00E+00	4.32E-05	1.29E-02	0.00E+00	0.00E+00	1.30E-02	5.09E-03	0.00E+00	7.85E-03	0.00E+00	0.00E+00	1.29E-02	0.00E+00	0.00E+00	1.30E-02
2162	ALL		483275	3718775	NonCancer	0.00E+00	4.46E-05	1.33E-02	0.00E+00	0.00E+00	1.35E-02	5.25E-03	0.00E+00	8.09E-03	0.00E+00	0.00E+00	1.33E-02	0.00E+00	0.00E+00	1.35E-02
2163	ALL		483325	3718775	NonCancer	0.00E+00	4.67E-05	1.41E-02	0.00E+00	0.00E+00	1.42E-02	5.49E-03	0.00E+00	8.47E-03	0.00E+00	0.00E+00	1.41E-02	0.00E+00	0.00E+00	1.42E-02
2164	ALL		483375	3718775	NonCancer	0.00E+00	4.89E-05	1.49E-02	0.00E+00	0.00E+00	1.50E-02	5.76E-03	0.00E+00	8.88E-03	0.00E+00	0.00E+00	1.49E-02	0.00E+00	0.00E+00	1.50E-02
2165	ALL		483425	3718775	NonCancer	0.00E+00	5.02E-05	1.52E-02	0.00E+00	0.00E+00	1.53E-02	5.91E-03	0.00E+00	9.11E-03	0.00E+00	0.00E+00	1.52E-02	0.00E+00	0.00E+00	1.53E-02
2166	ALL		483475	3718775	NonCancer	0.00E+00	5.02E-05	1.51E-02	0.00E+00	0.00E+00	1.52E-02	5.91E-03	0.00E+00	9.11E-03	0.00E+00	0.00E+00	1.51E-02	0.00E+00	0.00E+00	1.52E-02
2167	ALL		483525	3718775	NonCancer	0.00E+00	5.15E-05	1.55E-02	0.00E+00	0.00E+00	1.56E-02	6.06E-03	0.00E+00	9.35E-03	0.00E+00	0.00E+00	1.55E-02	0.00E+00	0.00E+00	1.56E-02
2168	ALL		483575	3718775	NonCancer	0.00E+00	5.30E-05	1.60E-02	0.00E+00	0.00E+00	1.61E-02	6.25E-03	0.00E+00	9.63E-03	0.00E+00	0.00E+00	1.60E-02	0.00E+00	0.00E+00	1.61E-02
2169	ALL		483625	3718775	NonCancer	0.00E+00	5.54E-05	1.66E-02	0.00E+00	0.00E+00	1.67E-02	6.52E-03	0.00E+00	1.01E-02	0.00E+00	0.00E+00	1.66E-02	0.00E+00	0.00E+00	1.67E-02
2170	ALL		483675	3718775	NonCancer	0.00E+00	6.32E-05	1.88E-02	0.00E+00	0.00E+00	1.89E-02	7.44E-03	0.00E+00	1.15E-02	0.00E+00	0.00E+00	1.88E-02	0.00E+00	0.00E+00	1.89E-02
2171	ALL		483725	3718775	NonCancer	0.00E+00	6.51E-05	1.86E-02	0.00E+00	0.00E+00	1.88E-02	7.67E-03	0.00E+00	1.18E-02	0.00E+00	0.00E+00	1.86E-02	0.00E+00	0.00E+00	1.88E-02
2172	ALL		483775	3718775	NonCancer	0.00E+00	5.88E-05	1.63E-02	0.00E+00	0.00E+00	1.65E-02	6.93E-03	0.00E+00	1.07E-02	0.00E+00	0.00E+00	1.63E-02	0.00E+00	0.00E+00	1.65E-02
2173	ALL		483825	3718775	NonCancer	0.00E+00	5.35E-05	1.46E-02	0.00E+00	0.00E+00	1.47E-02	6.30E-03	0.00E+00	9.70E-03	0.00E+00	0.00E+00	1.46E-02	0.00E+00	0.00E+00	1.47E-02
2174	ALL		483875	3718775	NonCancer	0.00E+00	4.71E-05	1.22E-02	0.00E+00	0.00E+00	1.23E-02	5.55E-03	0.00E+00	8.56E-03	0.00E+00	0.00E+00	1.22E-02	0.00E+00	0.00E+00	1.23E-02
2175	ALL		483925	3718775	NonCancer	0.00E+00	4.83E-05	1.24E-02	0.00E+00	0.00E+00	1.25E-02	5.69E-03	0.00E+00	8.77E-03	0.00E+00	0.00E+00	1.24E-02	0.00E+00	0.00E+00	1.25E-02
2176	ALL		483975	3718775	NonCancer	0.00E+00	5.26E-05	1.38E-02	0.00E+00	0.00E+00	1.39E-02	6.19E-03	0.00E+00	9.55E-03	0.00E+00	0.00E+00	1.38E-02	0.00E+00	0.00E+00	1.39E-02
2177	ALL		484025	3718775	NonCancer	0.00E+00	5.37E-05	1.39E-02	0.00E+00	0.00E+00	1.41E-02	6.33E-03	0.00E+00	9.75E-03	0.00E+00	0.00E+00	1.39E-02	0.00E+00	0.00E+00	1.41E-02
2178	ALL		484075	3718775	NonCancer	0.00E+00	5.79E-05	1.46E-02	0.00E+00	0.00E+00	1.47E-02	6.82E-03	0.00E+00	1.05E-02	0.00E+00	0.00E+00	1.46E-02	0.00E+00	0.00E+00	1.47E-02
2179	ALL		484125	3718775	NonCancer	0.00E+00	9.07E-05	2.22E-02	0.00E+00	0.00E+00	2.24E-02	1.07E-02	0.00E+00	1.65E-02	0.00E+00	0.00E+00	2.22E-02	0.00E+00	0.00E+00	2.24E-02
2180	ALL		484175	3718775	NonCancer	0.00E+00	4.09E-05	1.06E-02	0.00E+00	0.00E+00	1.07E-02	4.82E-03	0.00E+00	7.43E-03	0.00E+00	0.00E+00	1.06E-02	0.00E+00	0.00E+00	1.07E-02
2181	ALL		484225	3718775	NonCancer	0.00E+00	3.39E-05	8.93E-03	0.00E+00	0.00E+00	9.01E-03	3.99E-03	0.00E+00	6.16E-03	0.00E+00	0.00E+00	8.93E-03	0.00E+00	0.00E+00	9.01E-03
2182	ALL		484275	3718775	NonCancer	0.00E+00	3.04E-05	8.21E-03	0.00E+00	0.00E+00	8.28E-03	3.58E-03	0.00E+00	5.52E-03	0.00E+00	0.00E+00	8.21E-03	0.00E+00	0.00E+00	8.28E-03
2183	ALL		484325	3718775	NonCancer	0.00E+00	2.96E-05	8.00E-03	0.00E+00	0.00E+00	8.07E-03	3.49E-03	0.00E+00	5.38E-03	0.00E+00	0.00E+00	8.00E-03	0.00E+00	0.00E+00	8.07E-03
2184	ALL		484375	3718775	NonCancer	0.00E+00	3.08E-05	8.31E-03	0.00E+00	0.00E+00	8.38E-03	3.62E-03	0.00E+00	5.58E-03	0.00E+00	0.00E+00	8.31E-03	0.00E+00	0.00E+00	8.38E-03
2185	ALL		484425	3718775	NonCancer	0.00E+00	3.09E-05	8.75E-03	0.00E+00	0.00E+00	8.82E-03	3.64E-03	0.00E+00	5.61E-03	0.00E+00	0.00E+00	8.75E-03	0.00E+00	0.00E+00	8.82E-03
2186	ALL		484475	3718775	NonCancer	0.00E+00	2.99E-05	8.59E-03	0.00E+00	0.00E+00	8.66E-03	3.52E-03	0.00E+00	5.43E-03	0.00E+00	0.00E+00	8.59E-03	0.00E+00	0.00E+00	8.66E-03
2187	ALL		484525	3718775	NonCancer	0.00E+00	2.79E-05	7.84E-03	0.00E+00	0.00E+00	7.90E-03	3.29E-03	0.00E+00	5.07E-03	0.00E+00	0.00E+00	7.84E-03	0.00E+00	0.00E+00	7.90E-03
2188	ALL		484575	3718775	NonCancer	0.00E+00	2.56E-05	6.98E-03	0.00E+00	0.00E+00	7.04E-03	3.01E-03	0.00E+00	4.64E-03	0.00E+00	0.00E+00	6.98E-03	0.00E+00	0.00E+00	7.04E-03
2189	ALL		484625	3718775	NonCancer	0.00E+00	2.40E-05	6.55E-03	0.00E+00	0.00E+00	6.60E-03	2.82E-03	0.00E+00	4.35E-03	0.00E+00	0.00E+00	6.55E-03	0.00E+00	0.00E+00	6.60E-03
2190	ALL		484675	3718775	NonCancer	0.00E+00	2.27E-05	6.35E-03	0.00E+00	0.00E+00	6.40E-03	2.67E-03	0.00E+00	4.12E-03	0.00E+00	0.00E+00	6.35E-03	0.00E+00	0.00E+00	6.40E-03
2191	ALL		484725	3718775	NonCancer	0.00E+00	2.13E-05	6.01E-03	0.00E+00	0.00E+00	6.06E-03	2.50E-03	0.00E+00	3.86E-03	0.00E+00	0.00E+00	6.01E-03	0.00E+00	0.00E+00	6.06E-03
2192	ALL		484775	3718775	NonCancer	0.00E+00	2.06E-05	5.78E-03	0.00E+00	0.00E+00	5.83E-03	2.42E-03	0.00E+00	3.73E-03	0.00E+00	0.00E+00	5.78E-03	0.00E+00	0.00E+00	5.83E-03
2193	ALL		484825	3718775	NonCancer	0.00E+00	1.92E-05	5.29E-03	0.00E+00	0.00E+00	5.33E-03	2.26E-03	0.00E+00	3.48E-03	0.00E+00	0.00E+00	5.29E-03	0.00E+00	0.00E+00	5.33E-03
2194	ALL		484875	3718775	NonCancer	0.00E+00	1.81E-05	4.99E-03	0.00E+00	0.00E+00	5.03E-03	2.13E-03	0.00E+00	3.28E-03	0.00E+00	0.00E+00	4.99E-03	0.00E+00	0.00E+00	5.03E-03
2195	ALL		484925	3718775	NonCancer	0.00E+00	1.70E-05	4.69E-03	0.00E+00	0.00E+00	4.73E-03	2.00E-03	0.00E+00	3.08E-03	0.00E+00	0.00E+00	4.69E-03	0.00E+00	0.00E+00	4.73E-03
2196	ALL		484975	3718775	NonCancer	0.00E+00	1.63E-05	4.52E-03	0.00E+00	0.00E+00	4.55E-03	1.92E-03	0.00E+00	2.97E-03	0.00E+00	0.00E+00	4.52E-03	0.00E+00	0.00E+00	4.55E-03
2197	ALL		485025	3718775	NonCancer	0.00E+00	1.59E-05	4.39E-03	0.00E+00	0.00E+00	4.42E-03	1.87E-03	0.00E+00	2.88E-03	0.00E+00	0.00E+00	4.39E-03	0.00E+00	0.00E+00	4.42E-03
2198	ALL		485075	3718775	NonCancer	0.00E+00	1.55E-05	4.32E-03	0.00E+00	0.00E+00	4.36E-03	1.83E-03	0.00E+00	2.82E-03	0.00E+00	0.00E+00	4.32E-03	0.00E+00	0.00E+00	4.36E-03
2199	ALL		485125	3718775	NonCancer	0.00E+00	1.58E-05	4.42E-03	0.00E+00	0.00E+00	4.46E-03	1.86E-03	0.00E+00	2.87E-03	0.00E+00	0.00E+00	4.42E-03	0.00E+00	0.00E+00	4.46E-03
2200	ALL		485175	3718775	NonCancer	0.00E+00	1.59E-05	4.53E-03	0.00E+00	0.00E+00	4.57E-03	1.87E-03	0.00E+00	2.88E-03	0.00E+00	0.00E+00	4.53E-03	0.00E+00	0.00E+00	4.57E-03
2201	ALL		485225	3718775	NonCancer	0.00E+00	1.61E-05	4.64E-03	0.00E+00	0.00E+00	4.67E-03	1.89E-03	0.00E+00	2.92E-03	0.00E+00	0.00E+00	4.64E-03	0.00E+00	0.00E+00	4.67E-03
2202	ALL		485275	3718775	NonCancer	0.00E+00	1.65E-05	4.70E-03	0.00E+00	0.00E+00	4.74E-03	1.94E-03	0.00E+00	2.99E-03	0.00E+00	0.00E+00	4.70E-03	0.00E+00	0.00E+00	4.74E-03
2203	ALL		485325	3718775	NonCancer	0.00E+00	1.61E-05	4.53E-03	0.00E+00	0.00E+00	4.56E-03	1.90E-03	0.00E+00	2.92E-03	0.00E+00	0.00E+00	4.53E-03	0.00E+00	0.00E+00	4.56E-03
2204	ALL		485375	3718775	NonCancer	0.00E+00	1.52E-05	4.16E-03	0.00E+00	0.00E+00	4.19E-03	1.78E-03	0.00E+00	2.75E-03	0.00E+00	0.00E+00	4.16E-03	0.00E+00	0.00E+00	4.19E-03
2205	ALL		485425	3718775	NonCancer	0.00E+00	1.38E-05	3.71E-03	0.00E+00	0.00E+00	3.75E-03	1.62E-03	0.00E+00	2.50E-03	0.00E+00	0.00E+00	3.71E-03	0.00E+00	0.00E+00	3.75E-03

*HARP - HRACalc v19044 3/19/2020 1:54:44 PM - Acute Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitAcuteHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
2206	ALL		485475	3718775	NonCancer	0.00E+00	1.22E-05	3.32E-03	0.00E+00	0.00E+00	3.34E-03	1.44E-03	0.00E+00	2.21E-03	0.00E+00	0.00E+00	3.32E-03	0.00E+00	0.00E+00	3.34E-03
2207	ALL		482925	3718825	NonCancer	0.00E+00	4.29E-05	1.25E-02	0.00E+00	0.00E+00	1.26E-02	5.05E-03	0.00E+00	7.79E-03	0.00E+00	0.00E+00	1.25E-02	0.00E+00	0.00E+00	1.26E-02
2208	ALL		482975	3718825	NonCancer	0.00E+00	4.37E-05	1.27E-02	0.00E+00	0.00E+00	1.28E-02	5.15E-03	0.00E+00	7.93E-03	0.00E+00	0.00E+00	1.27E-02	0.00E+00	0.00E+00	1.28E-02
2209	ALL		483025	3718825	NonCancer	0.00E+00	4.49E-05	1.31E-02	0.00E+00	0.00E+00	1.32E-02	5.29E-03	0.00E+00	8.16E-03	0.00E+00	0.00E+00	1.31E-02	0.00E+00	0.00E+00	1.32E-02
2210	ALL		483075	3718825	NonCancer	0.00E+00	4.59E-05	1.34E-02	0.00E+00	0.00E+00	1.35E-02	5.41E-03	0.00E+00	8.34E-03	0.00E+00	0.00E+00	1.34E-02	0.00E+00	0.00E+00	1.35E-02
2211	ALL		483125	3718825	NonCancer	0.00E+00	4.42E-05	1.31E-02	0.00E+00	0.00E+00	1.32E-02	5.21E-03	0.00E+00	8.03E-03	0.00E+00	0.00E+00	1.31E-02	0.00E+00	0.00E+00	1.32E-02
2212	ALL		483175	3718825	NonCancer	0.00E+00	4.25E-05	1.26E-02	0.00E+00	0.00E+00	1.27E-02	5.00E-03	0.00E+00	7.71E-03	0.00E+00	0.00E+00	1.26E-02	0.00E+00	0.00E+00	1.27E-02
2213	ALL		483225	3718825	NonCancer	0.00E+00	4.25E-05	1.27E-02	0.00E+00	0.00E+00	1.28E-02	5.00E-03	0.00E+00	7.71E-03	0.00E+00	0.00E+00	1.27E-02	0.00E+00	0.00E+00	1.28E-02
2214	ALL		483275	3718825	NonCancer	0.00E+00	4.36E-05	1.30E-02	0.00E+00	0.00E+00	1.31E-02	5.13E-03	0.00E+00	7.91E-03	0.00E+00	0.00E+00	1.30E-02	0.00E+00	0.00E+00	1.31E-02
2215	ALL		483325	3718825	NonCancer	0.00E+00	4.56E-05	1.37E-02	0.00E+00	0.00E+00	1.38E-02	5.37E-03	0.00E+00	8.27E-03	0.00E+00	0.00E+00	1.37E-02	0.00E+00	0.00E+00	1.38E-02
2216	ALL		483375	3718825	NonCancer	0.00E+00	4.78E-05	1.44E-02	0.00E+00	0.00E+00	1.46E-02	5.63E-03	0.00E+00	8.68E-03	0.00E+00	0.00E+00	1.44E-02	0.00E+00	0.00E+00	1.46E-02
2217	ALL		483425	3718825	NonCancer	0.00E+00	4.92E-05	1.49E-02	0.00E+00	0.00E+00	1.50E-02	5.80E-03	0.00E+00	8.94E-03	0.00E+00	0.00E+00	1.49E-02	0.00E+00	0.00E+00	1.50E-02
2218	ALL		483475	3718825	NonCancer	0.00E+00	4.99E-05	1.50E-02	0.00E+00	0.00E+00	1.51E-02	5.88E-03	0.00E+00	9.06E-03	0.00E+00	0.00E+00	1.50E-02	0.00E+00	0.00E+00	1.51E-02
2219	ALL		483525	3718825	NonCancer	0.00E+00	5.10E-05	1.54E-02	0.00E+00	0.00E+00	1.55E-02	6.00E-03	0.00E+00	9.25E-03	0.00E+00	0.00E+00	1.54E-02	0.00E+00	0.00E+00	1.55E-02
2220	ALL		483575	3718825	NonCancer	0.00E+00	5.35E-05	1.62E-02	0.00E+00	0.00E+00	1.63E-02	6.29E-03	0.00E+00	9.70E-03	0.00E+00	0.00E+00	1.62E-02	0.00E+00	0.00E+00	1.63E-02
2221	ALL		483625	3718825	NonCancer	0.00E+00	5.40E-05	1.62E-02	0.00E+00	0.00E+00	1.63E-02	6.36E-03	0.00E+00	9.81E-03	0.00E+00	0.00E+00	1.62E-02	0.00E+00	0.00E+00	1.63E-02
2222	ALL		483675	3718825	NonCancer	0.00E+00	5.57E-05	1.66E-02	0.00E+00	0.00E+00	1.68E-02	6.56E-03	0.00E+00	1.01E-02	0.00E+00	0.00E+00	1.66E-02	0.00E+00	0.00E+00	1.68E-02
2223	ALL		483725	3718825	NonCancer	0.00E+00	6.39E-05	1.89E-02	0.00E+00	0.00E+00	1.90E-02	7.53E-03	0.00E+00	1.16E-02	0.00E+00	0.00E+00	1.89E-02	0.00E+00	0.00E+00	1.90E-02
2224	ALL		483775	3718825	NonCancer	0.00E+00	6.18E-05	1.75E-02	0.00E+00	0.00E+00	1.76E-02	7.27E-03	0.00E+00	1.12E-02	0.00E+00	0.00E+00	1.75E-02	0.00E+00	0.00E+00	1.76E-02
2225	ALL		483825	3718825	NonCancer	0.00E+00	5.22E-05	1.42E-02	0.00E+00	0.00E+00	1.44E-02	6.15E-03	0.00E+00	9.48E-03	0.00E+00	0.00E+00	1.42E-02	0.00E+00	0.00E+00	1.44E-02
2226	ALL		483875	3718825	NonCancer	0.00E+00	5.72E-05	1.57E-02	0.00E+00	0.00E+00	1.59E-02	6.74E-03	0.00E+00	1.04E-02	0.00E+00	0.00E+00	1.57E-02	0.00E+00	0.00E+00	1.59E-02
2227	ALL		483925	3718825	NonCancer	0.00E+00	6.05E-05	1.66E-02	0.00E+00	0.00E+00	1.68E-02	7.12E-03	0.00E+00	1.10E-02	0.00E+00	0.00E+00	1.66E-02	0.00E+00	0.00E+00	1.68E-02
2228	ALL		483975	3718825	NonCancer	0.00E+00	5.52E-05	1.48E-02	0.00E+00	0.00E+00	1.50E-02	6.50E-03	0.00E+00	1.00E-02	0.00E+00	0.00E+00	1.48E-02	0.00E+00	0.00E+00	1.50E-02
2229	ALL		484025	3718825	NonCancer	0.00E+00	5.10E-05	1.32E-02	0.00E+00	0.00E+00	1.33E-02	6.01E-03	0.00E+00	9.26E-03	0.00E+00	0.00E+00	1.32E-02	0.00E+00	0.00E+00	1.33E-02
2230	ALL		484075	3718825	NonCancer	0.00E+00	5.60E-05	1.41E-02	0.00E+00	0.00E+00	1.42E-02	6.59E-03	0.00E+00	1.02E-02	0.00E+00	0.00E+00	1.41E-02	0.00E+00	0.00E+00	1.42E-02
2231	ALL		484125	3718825	NonCancer	0.00E+00	9.52E-05	2.32E-02	0.00E+00	0.00E+00	2.34E-02	1.12E-02	0.00E+00	1.73E-02	0.00E+00	0.00E+00	2.32E-02	0.00E+00	0.00E+00	2.34E-02
2232	ALL		484175	3718825	NonCancer	0.00E+00	4.13E-05	1.06E-02	0.00E+00	0.00E+00	1.07E-02	4.86E-03	0.00E+00	7.50E-03	0.00E+00	0.00E+00	1.06E-02	0.00E+00	0.00E+00	1.07E-02
2233	ALL		484225	3718825	NonCancer	0.00E+00	3.32E-05	8.70E-03	0.00E+00	0.00E+00	8.78E-03	3.91E-03	0.00E+00	6.03E-03	0.00E+00	0.00E+00	8.70E-03	0.00E+00	0.00E+00	8.78E-03
2234	ALL		484275	3718825	NonCancer	0.00E+00	2.93E-05	7.87E-03	0.00E+00	0.00E+00	7.94E-03	3.45E-03	0.00E+00	5.32E-03	0.00E+00	0.00E+00	7.87E-03	0.00E+00	0.00E+00	7.94E-03
2235	ALL		484325	3718825	NonCancer	0.00E+00	2.75E-05	7.42E-03	0.00E+00	0.00E+00	7.49E-03	3.24E-03	0.00E+00	4.99E-03	0.00E+00	0.00E+00	7.42E-03	0.00E+00	0.00E+00	7.49E-03
2236	ALL		484375	3718825	NonCancer	0.00E+00	2.85E-05	7.66E-03	0.00E+00	0.00E+00	7.73E-03	3.35E-03	0.00E+00	5.17E-03	0.00E+00	0.00E+00	7.66E-03	0.00E+00	0.00E+00	7.73E-03
2237	ALL		484425	3718825	NonCancer	0.00E+00	2.90E-05	8.09E-03	0.00E+00	0.00E+00	8.16E-03	3.41E-03	0.00E+00	5.26E-03	0.00E+00	0.00E+00	8.09E-03	0.00E+00	0.00E+00	8.16E-03
2238	ALL		484475	3718825	NonCancer	0.00E+00	2.81E-05	8.02E-03	0.00E+00	0.00E+00	8.08E-03	3.30E-03	0.00E+00	5.09E-03	0.00E+00	0.00E+00	8.02E-03	0.00E+00	0.00E+00	8.08E-03
2239	ALL		484525	3718825	NonCancer	0.00E+00	2.63E-05	7.42E-03	0.00E+00	0.00E+00	7.48E-03	3.10E-03	0.00E+00	4.78E-03	0.00E+00	0.00E+00	7.42E-03	0.00E+00	0.00E+00	7.48E-03
2240	ALL		484575	3718825	NonCancer	0.00E+00	2.37E-05	6.48E-03	0.00E+00	0.00E+00	6.54E-03	2.79E-03	0.00E+00	4.30E-03	0.00E+00	0.00E+00	6.48E-03	0.00E+00	0.00E+00	6.54E-03
2241	ALL		484625	3718825	NonCancer	0.00E+00	2.24E-05	6.10E-03	0.00E+00	0.00E+00	6.15E-03	2.63E-03	0.00E+00	4.06E-03	0.00E+00	0.00E+00	6.10E-03	0.00E+00	0.00E+00	6.15E-03
2242	ALL		484675	3718825	NonCancer	0.00E+00	2.13E-05	5.89E-03	0.00E+00	0.00E+00	5.94E-03	2.51E-03	0.00E+00	3.87E-03	0.00E+00	0.00E+00	5.89E-03	0.00E+00	0.00E+00	5.94E-03
2243	ALL		484725	3718825	NonCancer	0.00E+00	2.01E-05	5.67E-03	0.00E+00	0.00E+00	5.71E-03	2.37E-03	0.00E+00	3.65E-03	0.00E+00	0.00E+00	5.67E-03	0.00E+00	0.00E+00	5.71E-03
2244	ALL		484775	3718825	NonCancer	0.00E+00	1.94E-05	5.47E-03	0.00E+00	0.00E+00	5.52E-03	2.29E-03	0.00E+00	3.53E-03	0.00E+00	0.00E+00	5.47E-03	0.00E+00	0.00E+00	5.52E-03
2245	ALL		484825	3718825	NonCancer	0.00E+00	1.83E-05	5.10E-03	0.00E+00	0.00E+00	5.14E-03	2.16E-03	0.00E+00	3.33E-03	0.00E+00	0.00E+00	5.10E-03	0.00E+00	0.00E+00	5.14E-03
2246	ALL		484875	3718825	NonCancer	0.00E+00	1.73E-05	4.77E-03	0.00E+00	0.00E+00	4.81E-03	2.04E-03	0.00E+00	3.15E-03	0.00E+00	0.00E+00	4.77E-03	0.00E+00	0.00E+00	4.81E-03
2247	ALL		484925	3718825	NonCancer	0.00E+00	1.65E-05	4.56E-03	0.00E+00	0.00E+00	4.60E-03	1.94E-03	0.00E+00	3.00E-03	0.00E+00	0.00E+00	4.56E-03	0.00E+00	0.00E+00	4.60E-03
2248	ALL		484975	3718825	NonCancer	0.00E+00	1.55E-05	4.27E-03	0.00E+00	0.00E+00	4.31E-03	1.82E-03	0.00E+00	2.81E-03	0.00E+00	0.00E+00	4.27E-03	0.00E+00	0.00E+00	4.31E-03
2249	ALL		485025	3718825	NonCancer	0.00E+00	1.49E-05	4.11E-03	0.00E+00	0.00E+00	4.14E-03	1.75E-03	0.00E+00	2.70E-03	0.00E+00	0.00E+00	4.11E-03	0.00E+00	0.00E+00	4.14E-03
2250	ALL		485075	3718825	NonCancer	0.00E+00	1.42E-05	3.93E-03	0.00E+00	0.00E+00	3.96E-03	1.67E-03	0.00E+00	2.58E-03	0.00E+00	0.00E+00	3.93E-03	0.00E+00	0.00E+00	3.96E-03

*HARP - HRACalc v19044 3/19/2020 1:54:44 PM - Acute Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitAcuteHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
2251	ALL		485125	3718825	NonCancer	0.00E+00	1.41E-05	3.92E-03	0.00E+00	0.00E+00	3.95E-03	1.66E-03	0.00E+00	2.56E-03	0.00E+00	0.00E+00	3.92E-03	0.00E+00	0.00E+00	3.95E-03
2252	ALL		485175	3718825	NonCancer	0.00E+00	1.39E-05	3.88E-03	0.00E+00	0.00E+00	3.91E-03	1.64E-03	0.00E+00	2.52E-03	0.00E+00	0.00E+00	3.88E-03	0.00E+00	0.00E+00	3.91E-03
2253	ALL		485225	3718825	NonCancer	0.00E+00	1.43E-05	4.08E-03	0.00E+00	0.00E+00	4.11E-03	1.69E-03	0.00E+00	2.60E-03	0.00E+00	0.00E+00	4.08E-03	0.00E+00	0.00E+00	4.11E-03
2254	ALL		485275	3718825	NonCancer	0.00E+00	1.50E-05	4.30E-03	0.00E+00	0.00E+00	4.34E-03	1.76E-03	0.00E+00	2.72E-03	0.00E+00	0.00E+00	4.30E-03	0.00E+00	0.00E+00	4.34E-03
2255	ALL		485325	3718825	NonCancer	0.00E+00	1.52E-05	4.35E-03	0.00E+00	0.00E+00	4.39E-03	1.80E-03	0.00E+00	2.77E-03	0.00E+00	0.00E+00	4.35E-03	0.00E+00	0.00E+00	4.39E-03
2256	ALL		485375	3718825	NonCancer	0.00E+00	1.51E-05	4.23E-03	0.00E+00	0.00E+00	4.27E-03	1.77E-03	0.00E+00	2.73E-03	0.00E+00	0.00E+00	4.23E-03	0.00E+00	0.00E+00	4.27E-03
2257	ALL		485425	3718825	NonCancer	0.00E+00	1.43E-05	3.92E-03	0.00E+00	0.00E+00	3.95E-03	1.68E-03	0.00E+00	2.59E-03	0.00E+00	0.00E+00	3.92E-03	0.00E+00	0.00E+00	3.95E-03
2258	ALL		485475	3718825	NonCancer	0.00E+00	1.29E-05	3.50E-03	0.00E+00	0.00E+00	3.52E-03	1.52E-03	0.00E+00	2.35E-03	0.00E+00	0.00E+00	3.50E-03	0.00E+00	0.00E+00	3.52E-03
2259	ALL		482925	3718875	NonCancer	0.00E+00	4.22E-05	1.23E-02	0.00E+00	0.00E+00	1.24E-02	4.97E-03	0.00E+00	7.66E-03	0.00E+00	0.00E+00	1.23E-02	0.00E+00	0.00E+00	1.24E-02
2260	ALL		482975	3718875	NonCancer	0.00E+00	4.26E-05	1.25E-02	0.00E+00	0.00E+00	1.26E-02	5.02E-03	0.00E+00	7.74E-03	0.00E+00	0.00E+00	1.25E-02	0.00E+00	0.00E+00	1.26E-02
2261	ALL		483025	3718875	NonCancer	0.00E+00	4.35E-05	1.27E-02	0.00E+00	0.00E+00	1.28E-02	5.12E-03	0.00E+00	7.90E-03	0.00E+00	0.00E+00	1.27E-02	0.00E+00	0.00E+00	1.28E-02
2262	ALL		483075	3718875	NonCancer	0.00E+00	4.50E-05	1.31E-02	0.00E+00	0.00E+00	1.32E-02	5.30E-03	0.00E+00	8.18E-03	0.00E+00	0.00E+00	1.31E-02	0.00E+00	0.00E+00	1.32E-02
2263	ALL		483125	3718875	NonCancer	0.00E+00	4.47E-05	1.32E-02	0.00E+00	0.00E+00	1.33E-02	5.26E-03	0.00E+00	8.11E-03	0.00E+00	0.00E+00	1.32E-02	0.00E+00	0.00E+00	1.33E-02
2264	ALL		483175	3718875	NonCancer	0.00E+00	4.31E-05	1.28E-02	0.00E+00	0.00E+00	1.29E-02	5.08E-03	0.00E+00	7.83E-03	0.00E+00	0.00E+00	1.28E-02	0.00E+00	0.00E+00	1.29E-02
2265	ALL		483225	3718875	NonCancer	0.00E+00	4.23E-05	1.26E-02	0.00E+00	0.00E+00	1.27E-02	4.98E-03	0.00E+00	7.68E-03	0.00E+00	0.00E+00	1.26E-02	0.00E+00	0.00E+00	1.27E-02
2266	ALL		483275	3718875	NonCancer	0.00E+00	4.26E-05	1.27E-02	0.00E+00	0.00E+00	1.28E-02	5.02E-03	0.00E+00	7.73E-03	0.00E+00	0.00E+00	1.27E-02	0.00E+00	0.00E+00	1.28E-02
2267	ALL		483325	3718875	NonCancer	0.00E+00	4.43E-05	1.33E-02	0.00E+00	0.00E+00	1.34E-02	5.22E-03	0.00E+00	8.05E-03	0.00E+00	0.00E+00	1.33E-02	0.00E+00	0.00E+00	1.34E-02
2268	ALL		483375	3718875	NonCancer	0.00E+00	4.61E-05	1.38E-02	0.00E+00	0.00E+00	1.39E-02	5.43E-03	0.00E+00	8.37E-03	0.00E+00	0.00E+00	1.38E-02	0.00E+00	0.00E+00	1.39E-02
2269	ALL		483425	3718875	NonCancer	0.00E+00	4.80E-05	1.45E-02	0.00E+00	0.00E+00	1.46E-02	5.66E-03	0.00E+00	8.72E-03	0.00E+00	0.00E+00	1.45E-02	0.00E+00	0.00E+00	1.46E-02
2270	ALL		483475	3718875	NonCancer	0.00E+00	4.92E-05	1.49E-02	0.00E+00	0.00E+00	1.50E-02	5.79E-03	0.00E+00	8.93E-03	0.00E+00	0.00E+00	1.49E-02	0.00E+00	0.00E+00	1.50E-02
2271	ALL		483525	3718875	NonCancer	0.00E+00	5.06E-05	1.53E-02	0.00E+00	0.00E+00	1.54E-02	5.96E-03	0.00E+00	9.19E-03	0.00E+00	0.00E+00	1.53E-02	0.00E+00	0.00E+00	1.54E-02
2272	ALL		483575	3718875	NonCancer	0.00E+00	5.32E-05	1.61E-02	0.00E+00	0.00E+00	1.62E-02	6.26E-03	0.00E+00	9.65E-03	0.00E+00	0.00E+00	1.61E-02	0.00E+00	0.00E+00	1.62E-02
2273	ALL		483625	3718875	NonCancer	0.00E+00	5.33E-05	1.60E-02	0.00E+00	0.00E+00	1.62E-02	6.28E-03	0.00E+00	9.69E-03	0.00E+00	0.00E+00	1.60E-02	0.00E+00	0.00E+00	1.62E-02
2274	ALL		483675	3718875	NonCancer	0.00E+00	5.36E-05	1.60E-02	0.00E+00	0.00E+00	1.61E-02	6.31E-03	0.00E+00	9.73E-03	0.00E+00	0.00E+00	1.60E-02	0.00E+00	0.00E+00	1.61E-02
2275	ALL		483725	3718875	NonCancer	0.00E+00	6.22E-05	1.83E-02	0.00E+00	0.00E+00	1.84E-02	7.33E-03	0.00E+00	1.13E-02	0.00E+00	0.00E+00	1.83E-02	0.00E+00	0.00E+00	1.84E-02
2276	ALL		483775	3718875	NonCancer	0.00E+00	5.99E-05	1.69E-02	0.00E+00	0.00E+00	1.71E-02	7.05E-03	0.00E+00	1.09E-02	0.00E+00	0.00E+00	1.69E-02	0.00E+00	0.00E+00	1.71E-02
2277	ALL		483825	3718875	NonCancer	0.00E+00	5.74E-05	1.59E-02	0.00E+00	0.00E+00	1.61E-02	6.76E-03	0.00E+00	1.04E-02	0.00E+00	0.00E+00	1.59E-02	0.00E+00	0.00E+00	1.61E-02
2278	ALL		483875	3718875	NonCancer	0.00E+00	5.99E-05	1.67E-02	0.00E+00	0.00E+00	1.69E-02	7.06E-03	0.00E+00	1.09E-02	0.00E+00	0.00E+00	1.67E-02	0.00E+00	0.00E+00	1.69E-02
2279	ALL		483925	3718875	NonCancer	0.00E+00	6.71E-05	1.89E-02	0.00E+00	0.00E+00	1.91E-02	7.90E-03	0.00E+00	1.22E-02	0.00E+00	0.00E+00	1.89E-02	0.00E+00	0.00E+00	1.91E-02
2280	ALL		483975	3718875	NonCancer	0.00E+00	5.90E-05	1.61E-02	0.00E+00	0.00E+00	1.62E-02	6.94E-03	0.00E+00	1.07E-02	0.00E+00	0.00E+00	1.61E-02	0.00E+00	0.00E+00	1.62E-02
2281	ALL		484025	3718875	NonCancer	0.00E+00	5.16E-05	1.35E-02	0.00E+00	0.00E+00	1.37E-02	6.07E-03	0.00E+00	9.36E-03	0.00E+00	0.00E+00	1.35E-02	0.00E+00	0.00E+00	1.37E-02
2282	ALL		484075	3718875	NonCancer	0.00E+00	5.49E-05	1.37E-02	0.00E+00	0.00E+00	1.39E-02	6.46E-03	0.00E+00	9.96E-03	0.00E+00	0.00E+00	1.37E-02	0.00E+00	0.00E+00	1.39E-02
2283	ALL		484125	3718875	NonCancer	0.00E+00	1.01E-04	2.45E-02	0.00E+00	0.00E+00	2.47E-02	1.19E-02	0.00E+00	1.83E-02	0.00E+00	0.00E+00	2.45E-02	0.00E+00	0.00E+00	2.47E-02
2284	ALL		484175	3718875	NonCancer	0.00E+00	4.10E-05	1.05E-02	0.00E+00	0.00E+00	1.06E-02	4.83E-03	0.00E+00	7.45E-03	0.00E+00	0.00E+00	1.05E-02	0.00E+00	0.00E+00	1.06E-02
2285	ALL		484225	3718875	NonCancer	0.00E+00	3.19E-05	8.34E-03	0.00E+00	0.00E+00	8.41E-03	3.76E-03	0.00E+00	5.80E-03	0.00E+00	0.00E+00	8.34E-03	0.00E+00	0.00E+00	8.41E-03
2286	ALL		484275	3718875	NonCancer	0.00E+00	2.87E-05	7.66E-03	0.00E+00	0.00E+00	7.72E-03	3.38E-03	0.00E+00	5.21E-03	0.00E+00	0.00E+00	7.66E-03	0.00E+00	0.00E+00	7.72E-03
2287	ALL		484325	3718875	NonCancer	0.00E+00	2.65E-05	7.13E-03	0.00E+00	0.00E+00	7.20E-03	3.13E-03	0.00E+00	4.82E-03	0.00E+00	0.00E+00	7.13E-03	0.00E+00	0.00E+00	7.20E-03
2288	ALL		484375	3718875	NonCancer	0.00E+00	2.70E-05	7.24E-03	0.00E+00	0.00E+00	7.30E-03	3.18E-03	0.00E+00	4.91E-03	0.00E+00	0.00E+00	7.24E-03	0.00E+00	0.00E+00	7.30E-03
2289	ALL		484425	3718875	NonCancer	0.00E+00	2.67E-05	7.40E-03	0.00E+00	0.00E+00	7.46E-03	3.15E-03	0.00E+00	4.85E-03	0.00E+00	0.00E+00	7.40E-03	0.00E+00	0.00E+00	7.46E-03
2290	ALL		484475	3718875	NonCancer	0.00E+00	2.63E-05	7.48E-03	0.00E+00	0.00E+00	7.54E-03	3.10E-03	0.00E+00	4.78E-03	0.00E+00	0.00E+00	7.48E-03	0.00E+00	0.00E+00	7.54E-03
2291	ALL		484525	3718875	NonCancer	0.00E+00	2.53E-05	7.12E-03	0.00E+00	0.00E+00	7.18E-03	2.97E-03	0.00E+00	4.58E-03	0.00E+00	0.00E+00	7.12E-03	0.00E+00	0.00E+00	7.18E-03
2292	ALL		484575	3718875	NonCancer	0.00E+00	2.24E-05	6.16E-03	0.00E+00	0.00E+00	6.21E-03	2.64E-03	0.00E+00	4.07E-03	0.00E+00	0.00E+00	6.16E-03	0.00E+00	0.00E+00	6.21E-03
2293	ALL		484625	3718875	NonCancer	0.00E+00	2.13E-05	5.79E-03	0.00E+00	0.00E+00	5.84E-03	2.50E-03	0.00E+00	3.86E-03	0.00E+00	0.00E+00	5.79E-03	0.00E+00	0.00E+00	5.84E-03
2294	ALL		484675	3718875	NonCancer	0.00E+00	1.99E-05	5.45E-03	0.00E+00	0.00E+00	5.50E-03	2.35E-03	0.00E+00	3.62E-03	0.00E+00	0.00E+00	5.45E-03	0.00E+00	0.00E+00	5.50E-03
2295	ALL		484725	3718875	NonCancer	0.00E+00	1.90E-05	5.31E-03	0.00E+00	0.00E+00	5.35E-03	2.24E-03	0.00E+00	3.45E-03	0.00E+00	0.00E+00	5.31E-03	0.00E+00	0.00E+00	5.35E-03

*HARP - HRACalc v19044 3/19/2020 1:54:44 PM - Acute Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitAcuteHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
2296	ALL		484775	3718875	NonCancer	0.00E+00	1.84E-05	5.15E-03	0.00E+00	0.00E+00	5.19E-03	2.16E-03	0.00E+00	3.33E-03	0.00E+00	0.00E+00	5.15E-03	0.00E+00	0.00E+00	5.19E-03
2297	ALL		484825	3718875	NonCancer	0.00E+00	1.77E-05	4.95E-03	0.00E+00	0.00E+00	4.99E-03	2.08E-03	0.00E+00	3.21E-03	0.00E+00	0.00E+00	4.95E-03	0.00E+00	0.00E+00	4.99E-03
2298	ALL		484875	3718875	NonCancer	0.00E+00	1.67E-05	4.59E-03	0.00E+00	0.00E+00	4.63E-03	1.97E-03	0.00E+00	3.03E-03	0.00E+00	0.00E+00	4.59E-03	0.00E+00	0.00E+00	4.63E-03
2299	ALL		484925	3718875	NonCancer	0.00E+00	1.60E-05	4.41E-03	0.00E+00	0.00E+00	4.44E-03	1.88E-03	0.00E+00	2.91E-03	0.00E+00	0.00E+00	4.41E-03	0.00E+00	0.00E+00	4.44E-03
2300	ALL		484975	3718875	NonCancer	0.00E+00	1.51E-05	4.17E-03	0.00E+00	0.00E+00	4.20E-03	1.78E-03	0.00E+00	2.74E-03	0.00E+00	0.00E+00	4.17E-03	0.00E+00	0.00E+00	4.20E-03
2301	ALL		485025	3718875	NonCancer	0.00E+00	1.43E-05	3.95E-03	0.00E+00	0.00E+00	3.98E-03	1.69E-03	0.00E+00	2.60E-03	0.00E+00	0.00E+00	3.95E-03	0.00E+00	0.00E+00	3.98E-03
2302	ALL		485075	3718875	NonCancer	0.00E+00	1.37E-05	3.79E-03	0.00E+00	0.00E+00	3.82E-03	1.62E-03	0.00E+00	2.49E-03	0.00E+00	0.00E+00	3.79E-03	0.00E+00	0.00E+00	3.82E-03
2303	ALL		485125	3718875	NonCancer	0.00E+00	1.32E-05	3.63E-03	0.00E+00	0.00E+00	3.66E-03	1.55E-03	0.00E+00	2.39E-03	0.00E+00	0.00E+00	3.63E-03	0.00E+00	0.00E+00	3.66E-03
2304	ALL		485175	3718875	NonCancer	0.00E+00	1.30E-05	3.61E-03	0.00E+00	0.00E+00	3.64E-03	1.53E-03	0.00E+00	2.36E-03	0.00E+00	0.00E+00	3.61E-03	0.00E+00	0.00E+00	3.64E-03
2305	ALL		485225	3718875	NonCancer	0.00E+00	1.31E-05	3.64E-03	0.00E+00	0.00E+00	3.67E-03	1.54E-03	0.00E+00	2.37E-03	0.00E+00	0.00E+00	3.64E-03	0.00E+00	0.00E+00	3.67E-03
2306	ALL		485275	3718875	NonCancer	0.00E+00	1.35E-05	3.83E-03	0.00E+00	0.00E+00	3.86E-03	1.59E-03	0.00E+00	2.46E-03	0.00E+00	0.00E+00	3.83E-03	0.00E+00	0.00E+00	3.86E-03
2307	ALL		485325	3718875	NonCancer	0.00E+00	1.39E-05	3.97E-03	0.00E+00	0.00E+00	4.00E-03	1.63E-03	0.00E+00	2.52E-03	0.00E+00	0.00E+00	3.97E-03	0.00E+00	0.00E+00	4.00E-03
2308	ALL		485375	3718875	NonCancer	0.00E+00	1.40E-05	4.00E-03	0.00E+00	0.00E+00	4.04E-03	1.65E-03	0.00E+00	2.55E-03	0.00E+00	0.00E+00	4.00E-03	0.00E+00	0.00E+00	4.04E-03
2309	ALL		485425	3718875	NonCancer	0.00E+00	1.38E-05	3.89E-03	0.00E+00	0.00E+00	3.92E-03	1.63E-03	0.00E+00	2.51E-03	0.00E+00	0.00E+00	3.89E-03	0.00E+00	0.00E+00	3.92E-03
2310	ALL		485475	3718875	NonCancer	0.00E+00	1.31E-05	3.61E-03	0.00E+00	0.00E+00	3.64E-03	1.54E-03	0.00E+00	2.37E-03	0.00E+00	0.00E+00	3.61E-03	0.00E+00	0.00E+00	3.64E-03
2311	ALL		482925	3718925	NonCancer	0.00E+00	4.08E-05	1.19E-02	0.00E+00	0.00E+00	1.20E-02	4.80E-03	0.00E+00	7.40E-03	0.00E+00	0.00E+00	1.19E-02	0.00E+00	0.00E+00	1.20E-02
2312	ALL		482975	3718925	NonCancer	0.00E+00	4.18E-05	1.22E-02	0.00E+00	0.00E+00	1.23E-02	4.92E-03	0.00E+00	7.59E-03	0.00E+00	0.00E+00	1.22E-02	0.00E+00	0.00E+00	1.23E-02
2313	ALL		483025	3718925	NonCancer	0.00E+00	4.20E-05	1.23E-02	0.00E+00	0.00E+00	1.24E-02	4.95E-03	0.00E+00	7.63E-03	0.00E+00	0.00E+00	1.23E-02	0.00E+00	0.00E+00	1.24E-02
2314	ALL		483075	3718925	NonCancer	0.00E+00	4.29E-05	1.26E-02	0.00E+00	0.00E+00	1.27E-02	5.05E-03	0.00E+00	7.78E-03	0.00E+00	0.00E+00	1.26E-02	0.00E+00	0.00E+00	1.27E-02
2315	ALL		483125	3718925	NonCancer	0.00E+00	4.41E-05	1.30E-02	0.00E+00	0.00E+00	1.31E-02	5.19E-03	0.00E+00	8.00E-03	0.00E+00	0.00E+00	1.30E-02	0.00E+00	0.00E+00	1.31E-02
2316	ALL		483175	3718925	NonCancer	0.00E+00	4.27E-05	1.26E-02	0.00E+00	0.00E+00	1.27E-02	5.03E-03	0.00E+00	7.76E-03	0.00E+00	0.00E+00	1.26E-02	0.00E+00	0.00E+00	1.27E-02
2317	ALL		483225	3718925	NonCancer	0.00E+00	4.23E-05	1.25E-02	0.00E+00	0.00E+00	1.26E-02	4.98E-03	0.00E+00	7.67E-03	0.00E+00	0.00E+00	1.25E-02	0.00E+00	0.00E+00	1.26E-02
2318	ALL		483275	3718925	NonCancer	0.00E+00	4.24E-05	1.26E-02	0.00E+00	0.00E+00	1.27E-02	4.99E-03	0.00E+00	7.69E-03	0.00E+00	0.00E+00	1.26E-02	0.00E+00	0.00E+00	1.27E-02
2319	ALL		483325	3718925	NonCancer	0.00E+00	4.30E-05	1.28E-02	0.00E+00	0.00E+00	1.29E-02	5.07E-03	0.00E+00	7.81E-03	0.00E+00	0.00E+00	1.28E-02	0.00E+00	0.00E+00	1.29E-02
2320	ALL		483375	3718925	NonCancer	0.00E+00	4.46E-05	1.33E-02	0.00E+00	0.00E+00	1.34E-02	5.25E-03	0.00E+00	8.10E-03	0.00E+00	0.00E+00	1.33E-02	0.00E+00	0.00E+00	1.34E-02
2321	ALL		483425	3718925	NonCancer	0.00E+00	4.63E-05	1.39E-02	0.00E+00	0.00E+00	1.40E-02	5.46E-03	0.00E+00	8.41E-03	0.00E+00	0.00E+00	1.39E-02	0.00E+00	0.00E+00	1.40E-02
2322	ALL		483475	3718925	NonCancer	0.00E+00	4.72E-05	1.41E-02	0.00E+00	0.00E+00	1.42E-02	5.55E-03	0.00E+00	8.56E-03	0.00E+00	0.00E+00	1.41E-02	0.00E+00	0.00E+00	1.42E-02
2323	ALL		483525	3718925	NonCancer	0.00E+00	4.83E-05	1.44E-02	0.00E+00	0.00E+00	1.46E-02	5.69E-03	0.00E+00	8.77E-03	0.00E+00	0.00E+00	1.44E-02	0.00E+00	0.00E+00	1.46E-02
2324	ALL		483575	3718925	NonCancer	0.00E+00	5.10E-05	1.53E-02	0.00E+00	0.00E+00	1.54E-02	6.01E-03	0.00E+00	9.26E-03	0.00E+00	0.00E+00	1.53E-02	0.00E+00	0.00E+00	1.54E-02
2325	ALL		483625	3718925	NonCancer	0.00E+00	5.23E-05	1.57E-02	0.00E+00	0.00E+00	1.58E-02	6.15E-03	0.00E+00	9.49E-03	0.00E+00	0.00E+00	1.57E-02	0.00E+00	0.00E+00	1.58E-02
2326	ALL		483675	3718925	NonCancer	0.00E+00	5.19E-05	1.55E-02	0.00E+00	0.00E+00	1.56E-02	6.12E-03	0.00E+00	9.43E-03	0.00E+00	0.00E+00	1.55E-02	0.00E+00	0.00E+00	1.56E-02
2327	ALL		483725	3718925	NonCancer	0.00E+00	5.80E-05	1.72E-02	0.00E+00	0.00E+00	1.73E-02	6.83E-03	0.00E+00	1.05E-02	0.00E+00	0.00E+00	1.72E-02	0.00E+00	0.00E+00	1.73E-02
2328	ALL		483775	3718925	NonCancer	0.00E+00	6.24E-05	1.82E-02	0.00E+00	0.00E+00	1.83E-02	7.35E-03	0.00E+00	1.13E-02	0.00E+00	0.00E+00	1.82E-02	0.00E+00	0.00E+00	1.83E-02
2329	ALL		483825	3718925	NonCancer	0.00E+00	6.33E-05	1.81E-02	0.00E+00	0.00E+00	1.82E-02	7.45E-03	0.00E+00	1.15E-02	0.00E+00	0.00E+00	1.81E-02	0.00E+00	0.00E+00	1.82E-02
2330	ALL		483875	3718925	NonCancer	0.00E+00	6.19E-05	1.74E-02	0.00E+00	0.00E+00	1.76E-02	7.29E-03	0.00E+00	1.12E-02	0.00E+00	0.00E+00	1.74E-02	0.00E+00	0.00E+00	1.76E-02
2331	ALL		483925	3718925	NonCancer	0.00E+00	6.50E-05	1.83E-02	0.00E+00	0.00E+00	1.85E-02	7.66E-03	0.00E+00	1.18E-02	0.00E+00	0.00E+00	1.83E-02	0.00E+00	0.00E+00	1.85E-02
2332	ALL		483975	3718925	NonCancer	0.00E+00	6.33E-05	1.76E-02	0.00E+00	0.00E+00	1.78E-02	7.45E-03	0.00E+00	1.15E-02	0.00E+00	0.00E+00	1.76E-02	0.00E+00	0.00E+00	1.78E-02
2333	ALL		484025	3718925	NonCancer	0.00E+00	5.40E-05	1.44E-02	0.00E+00	0.00E+00	1.45E-02	6.36E-03	0.00E+00	9.80E-03	0.00E+00	0.00E+00	1.44E-02	0.00E+00	0.00E+00	1.45E-02
2334	ALL		484075	3718925	NonCancer	0.00E+00	5.51E-05	1.37E-02	0.00E+00	0.00E+00	1.38E-02	6.49E-03	0.00E+00	1.00E-02	0.00E+00	0.00E+00	1.37E-02	0.00E+00	0.00E+00	1.38E-02
2335	ALL		484125	3718925	NonCancer	0.00E+00	1.01E-04	2.45E-02	0.00E+00	0.00E+00	2.47E-02	1.19E-02	0.00E+00	1.84E-02	0.00E+00	0.00E+00	2.45E-02	0.00E+00	0.00E+00	2.47E-02
2336	ALL		484175	3718925	NonCancer	0.00E+00	4.08E-05	1.04E-02	0.00E+00	0.00E+00	1.04E-02	4.81E-03	0.00E+00	7.42E-03	0.00E+00	0.00E+00	1.04E-02	0.00E+00	0.00E+00	1.04E-02
2337	ALL		484225	3718925	NonCancer	0.00E+00	3.22E-05	8.34E-03	0.00E+00	0.00E+00	8.41E-03	3.79E-03	0.00E+00	5.84E-03	0.00E+00	0.00E+00	8.34E-03	0.00E+00	0.00E+00	8.41E-03
2338	ALL		484275	3718925	NonCancer	0.00E+00	2.91E-05	7.69E-03	0.00E+00	0.00E+00	7.76E-03	3.43E-03	0.00E+00	5.28E-03	0.00E+00	0.00E+00	7.69E-03	0.00E+00	0.00E+00	7.76E-03
2339	ALL		484325	3718925	NonCancer	0.00E+00	2.75E-05	7.31E-03	0.00E+00	0.00E+00	7.37E-03	3.24E-03	0.00E+00	5.00E-03	0.00E+00	0.00E+00	7.31E-03	0.00E+00	0.00E+00	7.37E-03
2340	ALL		484375	3718925	NonCancer	0.00E+00	2.74E-05	7.28E-03	0.00E+00	0.00E+00	7.34E-03	3.23E-03	0.00E+00	4.98E-03	0.00E+00	0.00E+00	7.28E-03	0.00E+00	0.00E+00	7.34E-03

*HARP - HRACalc v19044 3/19/2020 1:54:44 PM - Acute Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitAcuteHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
2341	ALL		484425	3718925	NonCancer	0.00E+00	2.54E-05	6.94E-03	0.00E+00	0.00E+00	7.00E-03	2.99E-03	0.00E+00	4.61E-03	0.00E+00	0.00E+00	6.94E-03	0.00E+00	0.00E+00	7.00E-03
2342	ALL		484475	3718925	NonCancer	0.00E+00	2.42E-05	6.86E-03	0.00E+00	0.00E+00	6.92E-03	2.85E-03	0.00E+00	4.40E-03	0.00E+00	0.00E+00	6.86E-03	0.00E+00	0.00E+00	6.92E-03
2343	ALL		484525	3718925	NonCancer	0.00E+00	2.39E-05	6.74E-03	0.00E+00	0.00E+00	6.80E-03	2.82E-03	0.00E+00	4.34E-03	0.00E+00	0.00E+00	6.74E-03	0.00E+00	0.00E+00	6.80E-03
2344	ALL		484575	3718925	NonCancer	0.00E+00	2.14E-05	5.91E-03	0.00E+00	0.00E+00	5.96E-03	2.52E-03	0.00E+00	3.89E-03	0.00E+00	0.00E+00	5.91E-03	0.00E+00	0.00E+00	5.96E-03
2345	ALL		484625	3718925	NonCancer	0.00E+00	2.01E-05	5.49E-03	0.00E+00	0.00E+00	5.54E-03	2.37E-03	0.00E+00	3.66E-03	0.00E+00	0.00E+00	5.49E-03	0.00E+00	0.00E+00	5.54E-03
2346	ALL		484675	3718925	NonCancer	0.00E+00	1.89E-05	5.17E-03	0.00E+00	0.00E+00	5.22E-03	2.23E-03	0.00E+00	3.44E-03	0.00E+00	0.00E+00	5.17E-03	0.00E+00	0.00E+00	5.22E-03
2347	ALL		484725	3718925	NonCancer	0.00E+00	1.80E-05	4.97E-03	0.00E+00	0.00E+00	5.01E-03	2.12E-03	0.00E+00	3.27E-03	0.00E+00	0.00E+00	4.97E-03	0.00E+00	0.00E+00	5.01E-03
2348	ALL		484775	3718925	NonCancer	0.00E+00	1.76E-05	4.92E-03	0.00E+00	0.00E+00	4.96E-03	2.07E-03	0.00E+00	3.19E-03	0.00E+00	0.00E+00	4.92E-03	0.00E+00	0.00E+00	4.96E-03
2349	ALL		484825	3718925	NonCancer	0.00E+00	1.68E-05	4.71E-03	0.00E+00	0.00E+00	4.74E-03	1.98E-03	0.00E+00	3.05E-03	0.00E+00	0.00E+00	4.71E-03	0.00E+00	0.00E+00	4.74E-03
2350	ALL		484875	3718925	NonCancer	0.00E+00	1.62E-05	4.49E-03	0.00E+00	0.00E+00	4.53E-03	1.91E-03	0.00E+00	2.95E-03	0.00E+00	0.00E+00	4.49E-03	0.00E+00	0.00E+00	4.53E-03
2351	ALL		484925	3718925	NonCancer	0.00E+00	1.54E-05	4.24E-03	0.00E+00	0.00E+00	4.28E-03	1.82E-03	0.00E+00	2.80E-03	0.00E+00	0.00E+00	4.24E-03	0.00E+00	0.00E+00	4.28E-03
2352	ALL		484975	3718925	NonCancer	0.00E+00	1.47E-05	4.06E-03	0.00E+00	0.00E+00	4.09E-03	1.74E-03	0.00E+00	2.67E-03	0.00E+00	0.00E+00	4.06E-03	0.00E+00	0.00E+00	4.09E-03
2353	ALL		485025	3718925	NonCancer	0.00E+00	1.37E-05	3.78E-03	0.00E+00	0.00E+00	3.82E-03	1.62E-03	0.00E+00	2.49E-03	0.00E+00	0.00E+00	3.78E-03	0.00E+00	0.00E+00	3.82E-03
2354	ALL		485075	3718925	NonCancer	0.00E+00	1.33E-05	3.66E-03	0.00E+00	0.00E+00	3.69E-03	1.56E-03	0.00E+00	2.41E-03	0.00E+00	0.00E+00	3.66E-03	0.00E+00	0.00E+00	3.69E-03
2355	ALL		485125	3718925	NonCancer	0.00E+00	1.31E-05	3.61E-03	0.00E+00	0.00E+00	3.64E-03	1.54E-03	0.00E+00	2.38E-03	0.00E+00	0.00E+00	3.61E-03	0.00E+00	0.00E+00	3.64E-03
2356	ALL		485175	3718925	NonCancer	0.00E+00	1.31E-05	3.62E-03	0.00E+00	0.00E+00	3.65E-03	1.55E-03	0.00E+00	2.39E-03	0.00E+00	0.00E+00	3.62E-03	0.00E+00	0.00E+00	3.65E-03
2357	ALL		485225	3718925	NonCancer	0.00E+00	1.28E-05	3.53E-03	0.00E+00	0.00E+00	3.56E-03	1.50E-03	0.00E+00	2.31E-03	0.00E+00	0.00E+00	3.53E-03	0.00E+00	0.00E+00	3.56E-03
2358	ALL		485275	3718925	NonCancer	0.00E+00	1.22E-05	3.39E-03	0.00E+00	0.00E+00	3.42E-03	1.44E-03	0.00E+00	2.22E-03	0.00E+00	0.00E+00	3.39E-03	0.00E+00	0.00E+00	3.42E-03
2359	ALL		485325	3718925	NonCancer	0.00E+00	1.26E-05	3.54E-03	0.00E+00	0.00E+00	3.57E-03	1.48E-03	0.00E+00	2.28E-03	0.00E+00	0.00E+00	3.54E-03	0.00E+00	0.00E+00	3.57E-03
2360	ALL		485375	3718925	NonCancer	0.00E+00	1.28E-05	3.65E-03	0.00E+00	0.00E+00	3.68E-03	1.50E-03	0.00E+00	2.32E-03	0.00E+00	0.00E+00	3.65E-03	0.00E+00	0.00E+00	3.68E-03
2361	ALL		485425	3718925	NonCancer	0.00E+00	1.29E-05	3.69E-03	0.00E+00	0.00E+00	3.72E-03	1.52E-03	0.00E+00	2.35E-03	0.00E+00	0.00E+00	3.69E-03	0.00E+00	0.00E+00	3.72E-03
2362	ALL		485475	3718925	NonCancer	0.00E+00	1.28E-05	3.60E-03	0.00E+00	0.00E+00	3.63E-03	1.50E-03	0.00E+00	2.32E-03	0.00E+00	0.00E+00	3.60E-03	0.00E+00	0.00E+00	3.63E-03
2363	ALL		482925	3718975	NonCancer	0.00E+00	3.95E-05	1.16E-02	0.00E+00	0.00E+00	1.17E-02	4.66E-03	0.00E+00	7.18E-03	0.00E+00	0.00E+00	1.16E-02	0.00E+00	0.00E+00	1.17E-02
2364	ALL		482975	3718975	NonCancer	0.00E+00	4.05E-05	1.19E-02	0.00E+00	0.00E+00	1.20E-02	4.76E-03	0.00E+00	7.34E-03	0.00E+00	0.00E+00	1.19E-02	0.00E+00	0.00E+00	1.20E-02
2365	ALL		483025	3718975	NonCancer	0.00E+00	4.03E-05	1.19E-02	0.00E+00	0.00E+00	1.20E-02	4.75E-03	0.00E+00	7.32E-03	0.00E+00	0.00E+00	1.19E-02	0.00E+00	0.00E+00	1.20E-02
2366	ALL		483075	3718975	NonCancer	0.00E+00	4.15E-05	1.22E-02	0.00E+00	0.00E+00	1.23E-02	4.88E-03	0.00E+00	7.53E-03	0.00E+00	0.00E+00	1.22E-02	0.00E+00	0.00E+00	1.23E-02
2367	ALL		483125	3718975	NonCancer	0.00E+00	4.23E-05	1.25E-02	0.00E+00	0.00E+00	1.26E-02	4.99E-03	0.00E+00	7.69E-03	0.00E+00	0.00E+00	1.25E-02	0.00E+00	0.00E+00	1.26E-02
2368	ALL		483175	3718975	NonCancer	0.00E+00	4.27E-05	1.26E-02	0.00E+00	0.00E+00	1.27E-02	5.03E-03	0.00E+00	7.75E-03	0.00E+00	0.00E+00	1.26E-02	0.00E+00	0.00E+00	1.27E-02
2369	ALL		483225	3718975	NonCancer	0.00E+00	4.28E-05	1.27E-02	0.00E+00	0.00E+00	1.28E-02	5.04E-03	0.00E+00	7.77E-03	0.00E+00	0.00E+00	1.27E-02	0.00E+00	0.00E+00	1.28E-02
2370	ALL		483275	3718975	NonCancer	0.00E+00	4.23E-05	1.25E-02	0.00E+00	0.00E+00	1.26E-02	4.98E-03	0.00E+00	7.67E-03	0.00E+00	0.00E+00	1.25E-02	0.00E+00	0.00E+00	1.26E-02
2371	ALL		483325	3718975	NonCancer	0.00E+00	4.26E-05	1.26E-02	0.00E+00	0.00E+00	1.27E-02	5.01E-03	0.00E+00	7.73E-03	0.00E+00	0.00E+00	1.26E-02	0.00E+00	0.00E+00	1.27E-02
2372	ALL		483375	3718975	NonCancer	0.00E+00	4.32E-05	1.28E-02	0.00E+00	0.00E+00	1.29E-02	5.09E-03	0.00E+00	7.85E-03	0.00E+00	0.00E+00	1.28E-02	0.00E+00	0.00E+00	1.29E-02
2373	ALL		483425	3718975	NonCancer	0.00E+00	4.44E-05	1.32E-02	0.00E+00	0.00E+00	1.33E-02	5.23E-03	0.00E+00	8.07E-03	0.00E+00	0.00E+00	1.32E-02	0.00E+00	0.00E+00	1.33E-02
2374	ALL		483475	3718975	NonCancer	0.00E+00	4.56E-05	1.35E-02	0.00E+00	0.00E+00	1.37E-02	5.37E-03	0.00E+00	8.28E-03	0.00E+00	0.00E+00	1.35E-02	0.00E+00	0.00E+00	1.37E-02
2375	ALL		483525	3718975	NonCancer	0.00E+00	4.67E-05	1.39E-02	0.00E+00	0.00E+00	1.40E-02	5.50E-03	0.00E+00	8.48E-03	0.00E+00	0.00E+00	1.39E-02	0.00E+00	0.00E+00	1.40E-02
2376	ALL		483575	3718975	NonCancer	0.00E+00	4.85E-05	1.45E-02	0.00E+00	0.00E+00	1.46E-02	5.72E-03	0.00E+00	8.81E-03	0.00E+00	0.00E+00	1.45E-02	0.00E+00	0.00E+00	1.46E-02
2377	ALL		483625	3718975	NonCancer	0.00E+00	5.08E-05	1.52E-02	0.00E+00	0.00E+00	1.53E-02	5.99E-03	0.00E+00	9.23E-03	0.00E+00	0.00E+00	1.52E-02	0.00E+00	0.00E+00	1.53E-02
2378	ALL		483675	3718975	NonCancer	0.00E+00	5.08E-05	1.51E-02	0.00E+00	0.00E+00	1.52E-02	5.99E-03	0.00E+00	9.23E-03	0.00E+00	0.00E+00	1.51E-02	0.00E+00	0.00E+00	1.52E-02
2379	ALL		483725	3718975	NonCancer	0.00E+00	5.20E-05	1.54E-02	0.00E+00	0.00E+00	1.55E-02	6.12E-03	0.00E+00	9.43E-03	0.00E+00	0.00E+00	1.54E-02	0.00E+00	0.00E+00	1.55E-02
2380	ALL		483775	3718975	NonCancer	0.00E+00	5.53E-05	1.63E-02	0.00E+00	0.00E+00	1.65E-02	6.51E-03	0.00E+00	1.00E-02	0.00E+00	0.00E+00	1.63E-02	0.00E+00	0.00E+00	1.65E-02
2381	ALL		483825	3718975	NonCancer	0.00E+00	6.07E-05	1.78E-02	0.00E+00	0.00E+00	1.79E-02	7.15E-03	0.00E+00	1.10E-02	0.00E+00	0.00E+00	1.78E-02	0.00E+00	0.00E+00	1.79E-02
2382	ALL		483875	3718975	NonCancer	0.00E+00	6.40E-05	1.84E-02	0.00E+00	0.00E+00	1.86E-02	7.54E-03	0.00E+00	1.16E-02	0.00E+00	0.00E+00	1.84E-02	0.00E+00	0.00E+00	1.86E-02
2383	ALL		483925	3718975	NonCancer	0.00E+00	5.88E-05	1.63E-02	0.00E+00	0.00E+00	1.65E-02	6.93E-03	0.00E+00	1.07E-02	0.00E+00	0.00E+00	1.63E-02	0.00E+00	0.00E+00	1.65E-02
2384	ALL		483975	3718975	NonCancer	0.00E+00	5.01E-05	1.34E-02	0.00E+00	0.00E+00	1.36E-02	5.90E-03	0.00E+00	9.10E-03	0.00E+00	0.00E+00	1.34E-02	0.00E+00	0.00E+00	1.36E-02
2385	ALL		484025	3718975	NonCancer	0.00E+00	4.89E-05	1.28E-02	0.00E+00	0.00E+00	1.30E-02	5.76E-03	0.00E+00	8.87E-03	0.00E+00	0.00E+00	1.28E-02	0.00E+00	0.00E+00	1.30E-02

*HARP - HRACalc v19044 3/19/2020 1:54:44 PM - Acute Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitAcuteHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
2386	ALL		484075	3718975	NonCancer	0.00E+00	5.29E-05	1.35E-02	0.00E+00	0.00E+00	1.36E-02	6.23E-03	0.00E+00	9.60E-03	0.00E+00	0.00E+00	1.35E-02	0.00E+00	0.00E+00	1.36E-02
2387	ALL		484125	3718975	NonCancer	0.00E+00	1.01E-04	2.42E-02	0.00E+00	0.00E+00	2.45E-02	1.18E-02	0.00E+00	1.83E-02	0.00E+00	0.00E+00	2.42E-02	0.00E+00	0.00E+00	2.45E-02
2388	ALL		484175	3718975	NonCancer	0.00E+00	4.09E-05	1.03E-02	0.00E+00	0.00E+00	1.04E-02	4.82E-03	0.00E+00	7.43E-03	0.00E+00	0.00E+00	1.03E-02	0.00E+00	0.00E+00	1.04E-02
2389	ALL		484225	3718975	NonCancer	0.00E+00	3.17E-05	8.18E-03	0.00E+00	0.00E+00	8.25E-03	3.73E-03	0.00E+00	5.75E-03	0.00E+00	0.00E+00	8.18E-03	0.00E+00	0.00E+00	8.25E-03
2390	ALL		484275	3718975	NonCancer	0.00E+00	2.81E-05	7.41E-03	0.00E+00	0.00E+00	7.48E-03	3.31E-03	0.00E+00	5.11E-03	0.00E+00	0.00E+00	7.41E-03	0.00E+00	0.00E+00	7.48E-03
2391	ALL		484325	3718975	NonCancer	0.00E+00	2.67E-05	7.07E-03	0.00E+00	0.00E+00	7.13E-03	3.15E-03	0.00E+00	4.85E-03	0.00E+00	0.00E+00	7.07E-03	0.00E+00	0.00E+00	7.13E-03
2392	ALL		484375	3718975	NonCancer	0.00E+00	2.69E-05	7.10E-03	0.00E+00	0.00E+00	7.17E-03	3.17E-03	0.00E+00	4.88E-03	0.00E+00	0.00E+00	7.10E-03	0.00E+00	0.00E+00	7.17E-03
2393	ALL		484425	3718975	NonCancer	0.00E+00	2.47E-05	6.65E-03	0.00E+00	0.00E+00	6.71E-03	2.91E-03	0.00E+00	4.49E-03	0.00E+00	0.00E+00	6.65E-03	0.00E+00	0.00E+00	6.71E-03
2394	ALL		484475	3718975	NonCancer	0.00E+00	2.31E-05	6.47E-03	0.00E+00	0.00E+00	6.53E-03	2.72E-03	0.00E+00	4.19E-03	0.00E+00	0.00E+00	6.47E-03	0.00E+00	0.00E+00	6.53E-03
2395	ALL		484525	3718975	NonCancer	0.00E+00	2.20E-05	6.23E-03	0.00E+00	0.00E+00	6.29E-03	2.59E-03	0.00E+00	4.00E-03	0.00E+00	0.00E+00	6.23E-03	0.00E+00	0.00E+00	6.29E-03
2396	ALL		484575	3718975	NonCancer	0.00E+00	2.03E-05	5.64E-03	0.00E+00	0.00E+00	5.69E-03	2.39E-03	0.00E+00	3.68E-03	0.00E+00	0.00E+00	5.64E-03	0.00E+00	0.00E+00	5.69E-03
2397	ALL		484625	3718975	NonCancer	0.00E+00	1.91E-05	5.20E-03	0.00E+00	0.00E+00	5.24E-03	2.25E-03	0.00E+00	3.47E-03	0.00E+00	0.00E+00	5.20E-03	0.00E+00	0.00E+00	5.24E-03
2398	ALL		484675	3718975	NonCancer	0.00E+00	1.82E-05	4.96E-03	0.00E+00	0.00E+00	5.00E-03	2.14E-03	0.00E+00	3.31E-03	0.00E+00	0.00E+00	4.96E-03	0.00E+00	0.00E+00	5.00E-03
2399	ALL		484725	3718975	NonCancer	0.00E+00	1.71E-05	4.67E-03	0.00E+00	0.00E+00	4.71E-03	2.01E-03	0.00E+00	3.10E-03	0.00E+00	0.00E+00	4.67E-03	0.00E+00	0.00E+00	4.71E-03
2400	ALL		484775	3718975	NonCancer	0.00E+00	1.67E-05	4.65E-03	0.00E+00	0.00E+00	4.69E-03	1.97E-03	0.00E+00	3.04E-03	0.00E+00	0.00E+00	4.65E-03	0.00E+00	0.00E+00	4.69E-03
2401	ALL		484825	3718975	NonCancer	0.00E+00	1.61E-05	4.49E-03	0.00E+00	0.00E+00	4.53E-03	1.90E-03	0.00E+00	2.93E-03	0.00E+00	0.00E+00	4.49E-03	0.00E+00	0.00E+00	4.53E-03
2402	ALL		484875	3718975	NonCancer	0.00E+00	1.57E-05	4.35E-03	0.00E+00	0.00E+00	4.39E-03	1.85E-03	0.00E+00	2.85E-03	0.00E+00	0.00E+00	4.35E-03	0.00E+00	0.00E+00	4.39E-03
2403	ALL		484925	3718975	NonCancer	0.00E+00	1.47E-05	4.03E-03	0.00E+00	0.00E+00	4.06E-03	1.73E-03	0.00E+00	2.67E-03	0.00E+00	0.00E+00	4.03E-03	0.00E+00	0.00E+00	4.06E-03
2404	ALL		484975	3718975	NonCancer	0.00E+00	1.41E-05	3.87E-03	0.00E+00	0.00E+00	3.91E-03	1.66E-03	0.00E+00	2.56E-03	0.00E+00	0.00E+00	3.87E-03	0.00E+00	0.00E+00	3.91E-03
2405	ALL		485025	3718975	NonCancer	0.00E+00	1.35E-05	3.72E-03	0.00E+00	0.00E+00	3.75E-03	1.59E-03	0.00E+00	2.45E-03	0.00E+00	0.00E+00	3.72E-03	0.00E+00	0.00E+00	3.75E-03
2406	ALL		485075	3718975	NonCancer	0.00E+00	1.32E-05	3.63E-03	0.00E+00	0.00E+00	3.66E-03	1.55E-03	0.00E+00	2.39E-03	0.00E+00	0.00E+00	3.63E-03	0.00E+00	0.00E+00	3.66E-03
2407	ALL		485125	3718975	NonCancer	0.00E+00	1.31E-05	3.61E-03	0.00E+00	0.00E+00	3.64E-03	1.54E-03	0.00E+00	2.38E-03	0.00E+00	0.00E+00	3.61E-03	0.00E+00	0.00E+00	3.64E-03
2408	ALL		485175	3718975	NonCancer	0.00E+00	1.22E-05	3.37E-03	0.00E+00	0.00E+00	3.40E-03	1.44E-03	0.00E+00	2.22E-03	0.00E+00	0.00E+00	3.37E-03	0.00E+00	0.00E+00	3.40E-03
2409	ALL		485225	3718975	NonCancer	0.00E+00	1.19E-05	3.27E-03	0.00E+00	0.00E+00	3.30E-03	1.40E-03	0.00E+00	2.16E-03	0.00E+00	0.00E+00	3.27E-03	0.00E+00	0.00E+00	3.30E-03
2410	ALL		485275	3718975	NonCancer	0.00E+00	1.17E-05	3.22E-03	0.00E+00	0.00E+00	3.25E-03	1.37E-03	0.00E+00	2.12E-03	0.00E+00	0.00E+00	3.22E-03	0.00E+00	0.00E+00	3.25E-03
2411	ALL		485325	3718975	NonCancer	0.00E+00	1.13E-05	3.14E-03	0.00E+00	0.00E+00	3.17E-03	1.34E-03	0.00E+00	2.06E-03	0.00E+00	0.00E+00	3.14E-03	0.00E+00	0.00E+00	3.17E-03
2412	ALL		485375	3718975	NonCancer	0.00E+00	1.15E-05	3.25E-03	0.00E+00	0.00E+00	3.28E-03	1.36E-03	0.00E+00	2.10E-03	0.00E+00	0.00E+00	3.25E-03	0.00E+00	0.00E+00	3.28E-03
2413	ALL		485425	3718975	NonCancer	0.00E+00	1.18E-05	3.36E-03	0.00E+00	0.00E+00	3.39E-03	1.39E-03	0.00E+00	2.14E-03	0.00E+00	0.00E+00	3.36E-03	0.00E+00	0.00E+00	3.39E-03
2414	ALL		485475	3718975	NonCancer	0.00E+00	1.21E-05	3.43E-03	0.00E+00	0.00E+00	3.46E-03	1.42E-03	0.00E+00	2.19E-03	0.00E+00	0.00E+00	3.43E-03	0.00E+00	0.00E+00	3.46E-03
2415	ALL		482925	3719025	NonCancer	0.00E+00	3.75E-05	1.10E-02	0.00E+00	0.00E+00	1.11E-02	4.42E-03	0.00E+00	6.81E-03	0.00E+00	0.00E+00	1.10E-02	0.00E+00	0.00E+00	1.11E-02
2416	ALL		482975	3719025	NonCancer	0.00E+00	3.85E-05	1.13E-02	0.00E+00	0.00E+00	1.14E-02	4.54E-03	0.00E+00	6.99E-03	0.00E+00	0.00E+00	1.13E-02	0.00E+00	0.00E+00	1.14E-02
2417	ALL		483025	3719025	NonCancer	0.00E+00	3.83E-05	1.13E-02	0.00E+00	0.00E+00	1.14E-02	4.52E-03	0.00E+00	6.96E-03	0.00E+00	0.00E+00	1.13E-02	0.00E+00	0.00E+00	1.14E-02
2418	ALL		483075	3719025	NonCancer	0.00E+00	3.91E-05	1.15E-02	0.00E+00	0.00E+00	1.16E-02	4.61E-03	0.00E+00	7.10E-03	0.00E+00	0.00E+00	1.15E-02	0.00E+00	0.00E+00	1.16E-02
2419	ALL		483125	3719025	NonCancer	0.00E+00	3.99E-05	1.18E-02	0.00E+00	0.00E+00	1.19E-02	4.69E-03	0.00E+00	7.24E-03	0.00E+00	0.00E+00	1.18E-02	0.00E+00	0.00E+00	1.19E-02
2420	ALL		483175	3719025	NonCancer	0.00E+00	4.12E-05	1.22E-02	0.00E+00	0.00E+00	1.22E-02	4.85E-03	0.00E+00	7.47E-03	0.00E+00	0.00E+00	1.22E-02	0.00E+00	0.00E+00	1.22E-02
2421	ALL		483225	3719025	NonCancer	0.00E+00	4.21E-05	1.24E-02	0.00E+00	0.00E+00	1.25E-02	4.96E-03	0.00E+00	7.64E-03	0.00E+00	0.00E+00	1.24E-02	0.00E+00	0.00E+00	1.25E-02
2422	ALL		483275	3719025	NonCancer	0.00E+00	4.17E-05	1.23E-02	0.00E+00	0.00E+00	1.24E-02	4.91E-03	0.00E+00	7.57E-03	0.00E+00	0.00E+00	1.23E-02	0.00E+00	0.00E+00	1.24E-02
2423	ALL		483325	3719025	NonCancer	0.00E+00	4.20E-05	1.24E-02	0.00E+00	0.00E+00	1.25E-02	4.95E-03	0.00E+00	7.63E-03	0.00E+00	0.00E+00	1.24E-02	0.00E+00	0.00E+00	1.25E-02
2424	ALL		483375	3719025	NonCancer	0.00E+00	4.26E-05	1.26E-02	0.00E+00	0.00E+00	1.27E-02	5.02E-03	0.00E+00	7.73E-03	0.00E+00	0.00E+00	1.26E-02	0.00E+00	0.00E+00	1.27E-02
2425	ALL		483425	3719025	NonCancer	0.00E+00	4.36E-05	1.29E-02	0.00E+00	0.00E+00	1.30E-02	5.14E-03	0.00E+00	7.92E-03	0.00E+00	0.00E+00	1.29E-02	0.00E+00	0.00E+00	1.30E-02
2426	ALL		483475	3719025	NonCancer	0.00E+00	4.44E-05	1.32E-02	0.00E+00	0.00E+00	1.33E-02	5.23E-03	0.00E+00	8.07E-03	0.00E+00	0.00E+00	1.32E-02	0.00E+00	0.00E+00	1.33E-02
2427	ALL		483525	3719025	NonCancer	0.00E+00	4.57E-05	1.35E-02	0.00E+00	0.00E+00	1.36E-02	5.39E-03	0.00E+00	8.31E-03	0.00E+00	0.00E+00	1.35E-02	0.00E+00	0.00E+00	1.36E-02
2428	ALL		483575	3719025	NonCancer	0.00E+00	4.70E-05	1.39E-02	0.00E+00	0.00E+00	1.40E-02	5.53E-03	0.00E+00	8.53E-03	0.00E+00	0.00E+00	1.39E-02	0.00E+00	0.00E+00	1.40E-02
2429	ALL		483625	3719025	NonCancer	0.00E+00	4.90E-05	1.46E-02	0.00E+00	0.00E+00	1.47E-02	5.77E-03	0.00E+00	8.90E-03	0.00E+00	0.00E+00	1.46E-02	0.00E+00	0.00E+00	1.47E-02
2430	ALL		483675	3719025	NonCancer	0.00E+00	5.03E-05	1.50E-02	0.00E+00	0.00E+00	1.51E-02	5.93E-03	0.00E+00	9.14E-03	0.00E+00	0.00E+00	1.50E-02	0.00E+00	0.00E+00	1.51E-02

*HARP - HRACalc v19044 3/19/2020 1:54:44 PM - Acute Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitAcuteHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
2431	ALL		483725	3719025	NonCancer	0.00E+00	5.13E-05	1.52E-02	0.00E+00	0.00E+00	1.53E-02	6.04E-03	0.00E+00	9.31E-03	0.00E+00	0.00E+00	1.52E-02	0.00E+00	0.00E+00	1.53E-02
2432	ALL		483775	3719025	NonCancer	0.00E+00	5.14E-05	1.52E-02	0.00E+00	0.00E+00	1.53E-02	6.06E-03	0.00E+00	9.34E-03	0.00E+00	0.00E+00	1.52E-02	0.00E+00	0.00E+00	1.53E-02
2433	ALL		483825	3719025	NonCancer	0.00E+00	5.31E-05	1.56E-02	0.00E+00	0.00E+00	1.57E-02	6.26E-03	0.00E+00	9.65E-03	0.00E+00	0.00E+00	1.56E-02	0.00E+00	0.00E+00	1.57E-02
2434	ALL		483875	3719025	NonCancer	0.00E+00	5.92E-05	1.73E-02	0.00E+00	0.00E+00	1.75E-02	6.97E-03	0.00E+00	1.07E-02	0.00E+00	0.00E+00	1.73E-02	0.00E+00	0.00E+00	1.75E-02
2435	ALL		483925	3719025	NonCancer	0.00E+00	6.21E-05	1.76E-02	0.00E+00	0.00E+00	1.77E-02	7.31E-03	0.00E+00	1.13E-02	0.00E+00	0.00E+00	1.76E-02	0.00E+00	0.00E+00	1.77E-02
2436	ALL		483975	3719025	NonCancer	0.00E+00	5.50E-05	1.50E-02	0.00E+00	0.00E+00	1.51E-02	6.48E-03	0.00E+00	9.99E-03	0.00E+00	0.00E+00	1.50E-02	0.00E+00	0.00E+00	1.51E-02
2437	ALL		484025	3719025	NonCancer	0.00E+00	4.70E-05	1.23E-02	0.00E+00	0.00E+00	1.24E-02	5.54E-03	0.00E+00	8.54E-03	0.00E+00	0.00E+00	1.23E-02	0.00E+00	0.00E+00	1.24E-02
2438	ALL		484075	3719025	NonCancer	0.00E+00	4.77E-05	1.19E-02	0.00E+00	0.00E+00	1.20E-02	5.62E-03	0.00E+00	8.67E-03	0.00E+00	0.00E+00	1.19E-02	0.00E+00	0.00E+00	1.20E-02
2439	ALL		484125	3719025	NonCancer	0.00E+00	1.02E-04	2.44E-02	0.00E+00	0.00E+00	2.47E-02	1.20E-02	0.00E+00	1.84E-02	0.00E+00	0.00E+00	2.44E-02	0.00E+00	0.00E+00	2.47E-02
2440	ALL		484175	3719025	NonCancer	0.00E+00	4.19E-05	1.05E-02	0.00E+00	0.00E+00	1.06E-02	4.93E-03	0.00E+00	7.60E-03	0.00E+00	0.00E+00	1.05E-02	0.00E+00	0.00E+00	1.06E-02
2441	ALL		484225	3719025	NonCancer	0.00E+00	2.97E-05	7.68E-03	0.00E+00	0.00E+00	7.74E-03	3.50E-03	0.00E+00	5.40E-03	0.00E+00	0.00E+00	7.68E-03	0.00E+00	0.00E+00	7.74E-03
2442	ALL		484275	3719025	NonCancer	0.00E+00	2.52E-05	6.67E-03	0.00E+00	0.00E+00	6.73E-03	2.97E-03	0.00E+00	4.57E-03	0.00E+00	0.00E+00	6.67E-03	0.00E+00	0.00E+00	6.73E-03
2443	ALL		484325	3719025	NonCancer	0.00E+00	2.34E-05	6.24E-03	0.00E+00	0.00E+00	6.29E-03	2.76E-03	0.00E+00	4.25E-03	0.00E+00	0.00E+00	6.24E-03	0.00E+00	0.00E+00	6.29E-03
2444	ALL		484375	3719025	NonCancer	0.00E+00	2.23E-05	5.98E-03	0.00E+00	0.00E+00	6.03E-03	2.63E-03	0.00E+00	4.06E-03	0.00E+00	0.00E+00	5.98E-03	0.00E+00	0.00E+00	6.03E-03
2445	ALL		484425	3719025	NonCancer	0.00E+00	2.65E-05	6.94E-03	0.00E+00	0.00E+00	7.00E-03	3.12E-03	0.00E+00	4.81E-03	0.00E+00	0.00E+00	6.94E-03	0.00E+00	0.00E+00	7.00E-03
2446	ALL		484475	3719025	NonCancer	0.00E+00	2.16E-05	6.02E-03	0.00E+00	0.00E+00	6.07E-03	2.54E-03	0.00E+00	3.92E-03	0.00E+00	0.00E+00	6.02E-03	0.00E+00	0.00E+00	6.07E-03
2447	ALL		484525	3719025	NonCancer	0.00E+00	2.07E-05	5.85E-03	0.00E+00	0.00E+00	5.90E-03	2.44E-03	0.00E+00	3.76E-03	0.00E+00	0.00E+00	5.85E-03	0.00E+00	0.00E+00	5.90E-03
2448	ALL		484575	3719025	NonCancer	0.00E+00	1.95E-05	5.43E-03	0.00E+00	0.00E+00	5.47E-03	2.29E-03	0.00E+00	3.53E-03	0.00E+00	0.00E+00	5.43E-03	0.00E+00	0.00E+00	5.47E-03
2449	ALL		484625	3719025	NonCancer	0.00E+00	1.82E-05	4.95E-03	0.00E+00	0.00E+00	4.99E-03	2.14E-03	0.00E+00	3.30E-03	0.00E+00	0.00E+00	4.95E-03	0.00E+00	0.00E+00	4.99E-03
2450	ALL		484675	3719025	NonCancer	0.00E+00	1.74E-05	4.73E-03	0.00E+00	0.00E+00	4.77E-03	2.05E-03	0.00E+00	3.16E-03	0.00E+00	0.00E+00	4.73E-03	0.00E+00	0.00E+00	4.77E-03
2451	ALL		484725	3719025	NonCancer	0.00E+00	1.64E-05	4.49E-03	0.00E+00	0.00E+00	4.53E-03	1.93E-03	0.00E+00	2.98E-03	0.00E+00	0.00E+00	4.49E-03	0.00E+00	0.00E+00	4.53E-03
2452	ALL		484775	3719025	NonCancer	0.00E+00	1.59E-05	4.37E-03	0.00E+00	0.00E+00	4.40E-03	1.87E-03	0.00E+00	2.88E-03	0.00E+00	0.00E+00	4.37E-03	0.00E+00	0.00E+00	4.40E-03
2453	ALL		484825	3719025	NonCancer	0.00E+00	1.55E-05	4.31E-03	0.00E+00	0.00E+00	4.35E-03	1.83E-03	0.00E+00	2.82E-03	0.00E+00	0.00E+00	4.31E-03	0.00E+00	0.00E+00	4.35E-03
2454	ALL		484875	3719025	NonCancer	0.00E+00	1.49E-05	4.13E-03	0.00E+00	0.00E+00	4.16E-03	1.75E-03	0.00E+00	2.70E-03	0.00E+00	0.00E+00	4.13E-03	0.00E+00	0.00E+00	4.16E-03
2455	ALL		484925	3719025	NonCancer	0.00E+00	1.40E-05	3.88E-03	0.00E+00	0.00E+00	3.91E-03	1.65E-03	0.00E+00	2.55E-03	0.00E+00	0.00E+00	3.88E-03	0.00E+00	0.00E+00	3.91E-03
2456	ALL		484975	3719025	NonCancer	0.00E+00	1.37E-05	3.76E-03	0.00E+00	0.00E+00	3.79E-03	1.61E-03	0.00E+00	2.49E-03	0.00E+00	0.00E+00	3.76E-03	0.00E+00	0.00E+00	3.79E-03
2457	ALL		485025	3719025	NonCancer	0.00E+00	1.33E-05	3.66E-03	0.00E+00	0.00E+00	3.69E-03	1.57E-03	0.00E+00	2.41E-03	0.00E+00	0.00E+00	3.66E-03	0.00E+00	0.00E+00	3.69E-03
2458	ALL		485075	3719025	NonCancer	0.00E+00	1.30E-05	3.59E-03	0.00E+00	0.00E+00	3.62E-03	1.53E-03	0.00E+00	2.37E-03	0.00E+00	0.00E+00	3.59E-03	0.00E+00	0.00E+00	3.62E-03
2459	ALL		485125	3719025	NonCancer	0.00E+00	1.25E-05	3.44E-03	0.00E+00	0.00E+00	3.47E-03	1.47E-03	0.00E+00	2.27E-03	0.00E+00	0.00E+00	3.44E-03	0.00E+00	0.00E+00	3.47E-03
2460	ALL		485175	3719025	NonCancer	0.00E+00	1.19E-05	3.26E-03	0.00E+00	0.00E+00	3.29E-03	1.40E-03	0.00E+00	2.16E-03	0.00E+00	0.00E+00	3.26E-03	0.00E+00	0.00E+00	3.29E-03
2461	ALL		485225	3719025	NonCancer	0.00E+00	1.13E-05	3.10E-03	0.00E+00	0.00E+00	3.12E-03	1.33E-03	0.00E+00	2.04E-03	0.00E+00	0.00E+00	3.10E-03	0.00E+00	0.00E+00	3.12E-03
2462	ALL		485275	3719025	NonCancer	0.00E+00	1.09E-05	2.99E-03	0.00E+00	0.00E+00	3.02E-03	1.28E-03	0.00E+00	1.97E-03	0.00E+00	0.00E+00	2.99E-03	0.00E+00	0.00E+00	3.02E-03
2463	ALL		485325	3719025	NonCancer	0.00E+00	1.07E-05	2.95E-03	0.00E+00	0.00E+00	2.98E-03	1.26E-03	0.00E+00	1.94E-03	0.00E+00	0.00E+00	2.95E-03	0.00E+00	0.00E+00	2.98E-03
2464	ALL		485375	3719025	NonCancer	0.00E+00	1.04E-05	2.89E-03	0.00E+00	0.00E+00	2.91E-03	1.23E-03	0.00E+00	1.89E-03	0.00E+00	0.00E+00	2.89E-03	0.00E+00	0.00E+00	2.91E-03
2465	ALL		485425	3719025	NonCancer	0.00E+00	1.07E-05	3.02E-03	0.00E+00	0.00E+00	3.04E-03	1.26E-03	0.00E+00	1.95E-03	0.00E+00	0.00E+00	3.02E-03	0.00E+00	0.00E+00	3.04E-03
2466	ALL		485475	3719025	NonCancer	0.00E+00	1.10E-05	3.13E-03	0.00E+00	0.00E+00	3.16E-03	1.30E-03	0.00E+00	2.00E-03	0.00E+00	0.00E+00	3.13E-03	0.00E+00	0.00E+00	3.16E-03

*HARP - HRACalc v19044 3/19/2020 1:54:21 PM - Chronic Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitChronicHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1	ALL		482925	3716575	NonCancer	0.00E+00	8.12E-06	0.00E+00	7.22E-07	7.22E-07	7.43E-05	2.64E-04	0.00E+00	1.88E-06	0.00E+00	7.22E-07	1.11E-03	0.00E+00	0.00E+00	1.11E-03
2	ALL		482975	3716575	NonCancer	0.00E+00	8.46E-06	0.00E+00	7.62E-07	7.62E-07	7.73E-05	2.74E-04	0.00E+00	1.96E-06	0.00E+00	7.62E-07	1.18E-03	0.00E+00	0.00E+00	1.18E-03
3	ALL		483025	3716575	NonCancer	0.00E+00	9.36E-06	0.00E+00	7.92E-07	7.92E-07	8.55E-05	3.07E-04	0.00E+00	2.17E-06	0.00E+00	7.92E-07	1.22E-03	0.00E+00	0.00E+00	1.22E-03
4	ALL		483075	3716575	NonCancer	0.00E+00	9.30E-06	0.00E+00	8.42E-07	8.42E-07	8.50E-05	3.02E-04	0.00E+00	2.16E-06	0.00E+00	8.42E-07	1.32E-03	0.00E+00	0.00E+00	1.32E-03
5	ALL		483125	3716575	NonCancer	0.00E+00	1.10E-05	0.00E+00	8.85E-07	8.85E-07	1.01E-04	3.68E-04	0.00E+00	2.56E-06	0.00E+00	8.85E-07	1.38E-03	0.00E+00	0.00E+00	1.38E-03
6	ALL		483175	3716575	NonCancer	0.00E+00	1.78E-05	0.00E+00	9.87E-07	9.87E-07	1.62E-04	6.28E-04	0.00E+00	4.12E-06	0.00E+00	9.87E-07	1.53E-03	0.00E+00	0.00E+00	1.53E-03
7	ALL		483225	3716575	NonCancer	0.00E+00	3.99E-05	0.00E+00	1.38E-06	1.38E-06	3.62E-04	1.48E-03	0.00E+00	9.25E-06	0.00E+00	1.38E-06	2.16E-03	0.00E+00	0.00E+00	2.16E-03
8	ALL		483275	3716575	NonCancer	0.00E+00	5.44E-05	0.00E+00	1.64E-06	1.64E-06	4.94E-04	2.04E-03	0.00E+00	1.26E-05	0.00E+00	1.64E-06	2.56E-03	0.00E+00	0.00E+00	2.56E-03
9	ALL		483325	3716575	NonCancer	0.00E+00	2.15E-05	0.00E+00	1.08E-06	1.08E-06	1.96E-04	7.65E-04	0.00E+00	4.98E-06	0.00E+00	1.08E-06	1.66E-03	0.00E+00	0.00E+00	1.66E-03
10	ALL		483375	3716575	NonCancer	0.00E+00	1.57E-05	0.00E+00	9.92E-07	9.92E-07	1.43E-04	5.40E-04	0.00E+00	3.64E-06	0.00E+00	9.92E-07	1.50E-03	0.00E+00	0.00E+00	1.50E-03
11	ALL		483425	3716575	NonCancer	0.00E+00	1.31E-05	0.00E+00	9.58E-07	9.58E-07	1.20E-04	4.40E-04	0.00E+00	3.05E-06	0.00E+00	9.58E-07	1.44E-03	0.00E+00	0.00E+00	1.44E-03
12	ALL		483475	3716575	NonCancer	0.00E+00	1.20E-05	0.00E+00	9.75E-07	9.75E-07	1.10E-04	3.92E-04	0.00E+00	2.78E-06	0.00E+00	9.75E-07	1.47E-03	0.00E+00	0.00E+00	1.47E-03
13	ALL		483525	3716575	NonCancer	0.00E+00	1.12E-05	0.00E+00	1.00E-06	1.00E-06	1.02E-04	3.58E-04	0.00E+00	2.59E-06	0.00E+00	1.00E-06	1.53E-03	0.00E+00	0.00E+00	1.53E-03
14	ALL		483575	3716575	NonCancer	0.00E+00	1.06E-05	0.00E+00	1.01E-06	1.01E-06	9.70E-05	3.34E-04	0.00E+00	2.46E-06	0.00E+00	1.01E-06	1.53E-03	0.00E+00	0.00E+00	1.53E-03
15	ALL		483625	3716575	NonCancer	0.00E+00	1.02E-05	0.00E+00	9.98E-07	9.98E-07	9.36E-05	3.18E-04	0.00E+00	2.37E-06	0.00E+00	9.98E-07	1.50E-03	0.00E+00	0.00E+00	1.50E-03
16	ALL		483675	3716575	NonCancer	0.00E+00	9.97E-06	0.00E+00	1.01E-06	1.01E-06	9.12E-05	3.05E-04	0.00E+00	2.31E-06	0.00E+00	1.01E-06	1.52E-03	0.00E+00	0.00E+00	1.52E-03
17	ALL		483725	3716575	NonCancer	0.00E+00	9.81E-06	0.00E+00	1.02E-06	1.02E-06	8.98E-05	2.97E-04	0.00E+00	2.28E-06	0.00E+00	1.02E-06	1.52E-03	0.00E+00	0.00E+00	1.52E-03
18	ALL		483775	3716575	NonCancer	0.00E+00	9.66E-06	0.00E+00	1.05E-06	1.05E-06	8.85E-05	2.89E-04	0.00E+00	2.24E-06	0.00E+00	1.05E-06	1.56E-03	0.00E+00	0.00E+00	1.56E-03
19	ALL		483825	3716575	NonCancer	0.00E+00	9.54E-06	0.00E+00	1.06E-06	1.06E-06	8.74E-05	2.83E-04	0.00E+00	2.21E-06	0.00E+00	1.06E-06	1.58E-03	0.00E+00	0.00E+00	1.58E-03
20	ALL		483875	3716575	NonCancer	0.00E+00	9.49E-06	0.00E+00	1.08E-06	1.08E-06	8.69E-05	2.79E-04	0.00E+00	2.20E-06	0.00E+00	1.08E-06	1.61E-03	0.00E+00	0.00E+00	1.61E-03
21	ALL		483925	3716575	NonCancer	0.00E+00	9.43E-06	0.00E+00	1.09E-06	1.09E-06	8.65E-05	2.75E-04	0.00E+00	2.19E-06	0.00E+00	1.09E-06	1.61E-03	0.00E+00	0.00E+00	1.61E-03
22	ALL		483975	3716575	NonCancer	0.00E+00	9.36E-06	0.00E+00	1.11E-06	1.11E-06	8.59E-05	2.72E-04	0.00E+00	2.17E-06	0.00E+00	1.11E-06	1.65E-03	0.00E+00	0.00E+00	1.65E-03
23	ALL		484025	3716575	NonCancer	0.00E+00	9.30E-06	0.00E+00	1.12E-06	1.12E-06	8.53E-05	2.68E-04	0.00E+00	2.16E-06	0.00E+00	1.12E-06	1.66E-03	0.00E+00	0.00E+00	1.66E-03
24	ALL		484075	3716575	NonCancer	0.00E+00	9.23E-06	0.00E+00	1.12E-06	1.12E-06	8.47E-05	2.65E-04	0.00E+00	2.14E-06	0.00E+00	1.12E-06	1.66E-03	0.00E+00	0.00E+00	1.66E-03
25	ALL		484125	3716575	NonCancer	0.00E+00	9.13E-06	0.00E+00	1.12E-06	1.12E-06	8.38E-05	2.61E-04	0.00E+00	2.12E-06	0.00E+00	1.12E-06	1.67E-03	0.00E+00	0.00E+00	1.67E-03
26	ALL		484175	3716575	NonCancer	0.00E+00	9.03E-06	0.00E+00	1.12E-06	1.12E-06	8.29E-05	2.57E-04	0.00E+00	2.10E-06	0.00E+00	1.12E-06	1.65E-03	0.00E+00	0.00E+00	1.65E-03
27	ALL		484225	3716575	NonCancer	0.00E+00	8.96E-06	0.00E+00	1.12E-06	1.12E-06	8.22E-05	2.54E-04	0.00E+00	2.08E-06	0.00E+00	1.12E-06	1.66E-03	0.00E+00	0.00E+00	1.66E-03
28	ALL		484275	3716575	NonCancer	0.00E+00	8.89E-06	0.00E+00	1.13E-06	1.13E-06	8.16E-05	2.51E-04	0.00E+00	2.06E-06	0.00E+00	1.13E-06	1.66E-03	0.00E+00	0.00E+00	1.66E-03
29	ALL		484325	3716575	NonCancer	0.00E+00	8.84E-06	0.00E+00	1.13E-06	1.13E-06	8.11E-05	2.49E-04	0.00E+00	2.05E-06	0.00E+00	1.13E-06	1.67E-03	0.00E+00	0.00E+00	1.67E-03
30	ALL		484375	3716575	NonCancer	0.00E+00	8.73E-06	0.00E+00	1.13E-06	1.13E-06	8.01E-05	2.45E-04	0.00E+00	2.02E-06	0.00E+00	1.13E-06	1.68E-03	0.00E+00	0.00E+00	1.68E-03
31	ALL		484425	3716575	NonCancer	0.00E+00	8.58E-06	0.00E+00	1.13E-06	1.13E-06	7.88E-05	2.41E-04	0.00E+00	1.99E-06	0.00E+00	1.13E-06	1.67E-03	0.00E+00	0.00E+00	1.67E-03
32	ALL		484475	3716575	NonCancer	0.00E+00	8.43E-06	0.00E+00	1.11E-06	1.11E-06	7.74E-05	2.36E-04	0.00E+00	1.96E-06	0.00E+00	1.11E-06	1.63E-03	0.00E+00	0.00E+00	1.63E-03
33	ALL		484525	3716575	NonCancer	0.00E+00	8.27E-06	0.00E+00	1.10E-06	1.10E-06	7.59E-05	2.31E-04	0.00E+00	1.92E-06	0.00E+00	1.10E-06	1.64E-03	0.00E+00	0.00E+00	1.64E-03
34	ALL		484575	3716575	NonCancer	0.00E+00	8.10E-06	0.00E+00	1.08E-06	1.08E-06	7.44E-05	2.26E-04	0.00E+00	1.88E-06	0.00E+00	1.08E-06	1.59E-03	0.00E+00	0.00E+00	1.59E-03
35	ALL		484625	3716575	NonCancer	0.00E+00	7.93E-06	0.00E+00	1.17E-06	1.17E-06	7.30E-05	2.21E-04	0.00E+00	1.84E-06	0.00E+00	1.17E-06	1.85E-03	0.00E+00	0.00E+00	1.85E-03
36	ALL		484675	3716575	NonCancer	0.00E+00	7.77E-06	0.00E+00	1.20E-06	1.20E-06	7.15E-05	2.16E-04	0.00E+00	1.80E-06	0.00E+00	1.20E-06	1.96E-03	0.00E+00	0.00E+00	1.96E-03
37	ALL		484725	3716575	NonCancer	0.00E+00	7.58E-06	0.00E+00	1.13E-06	1.13E-06	6.97E-05	2.11E-04	0.00E+00	1.76E-06	0.00E+00	1.13E-06	1.80E-03	0.00E+00	0.00E+00	1.80E-03
38	ALL		484775	3716575	NonCancer	0.00E+00	7.39E-06	0.00E+00	1.03E-06	1.03E-06	6.79E-05	2.05E-04	0.00E+00	1.71E-06	0.00E+00	1.03E-06	1.52E-03	0.00E+00	0.00E+00	1.52E-03
39	ALL		484825	3716575	NonCancer	0.00E+00	7.20E-06	0.00E+00	1.00E-06	1.00E-06	6.61E-05	2.00E-04	0.00E+00	1.67E-06	0.00E+00	1.00E-06	1.49E-03	0.00E+00	0.00E+00	1.49E-03
40	ALL		484875	3716575	NonCancer	0.00E+00	7.00E-06	0.00E+00	9.77E-07	9.77E-07	6.43E-05	1.94E-04	0.00E+00	1.62E-06	0.00E+00	9.77E-07	1.44E-03	0.00E+00	0.00E+00	1.44E-03
41	ALL		484925	3716575	NonCancer	0.00E+00	6.80E-06	0.00E+00	9.61E-07	9.61E-07	6.25E-05	1.89E-04	0.00E+00	1.58E-06	0.00E+00	9.61E-07	1.42E-03	0.00E+00	0.00E+00	1.42E-03
42	ALL		484975	3716575	NonCancer	0.00E+00	6.66E-06	0.00E+00	9.47E-07	9.47E-07	6.13E-05	1.85E-04	0.00E+00	1.55E-06	0.00E+00	9.47E-07	1.40E-03	0.00E+00	0.00E+00	1.40E-03
43	ALL		485025	3716575	NonCancer	0.00E+00	6.61E-06	0.00E+00	9.56E-07	9.56E-07	6.08E-05	1.83E-04	0.00E+00	1.53E-06	0.00E+00	9.56E-07	1.42E-03	0.00E+00	0.00E+00	1.42E-03
44	ALL		485075	3716575	NonCancer	0.00E+00	6.56E-06	0.00E+00	9.84E-07	9.84E-07	6.03E-05	1.81E-04	0.00E+00	1.52E-06	0.00E+00	9.84E-07	1.49E-03	0.00E+00	0.00E+00	1.49E-03
45	ALL		485125	3716575	NonCancer	0.00E+00	6.40E-06	0.00E+00	1.01E-06	1.01E-06	5.90E-05	1.76E-04	0.00E+00	1.49E-06	0.00E+00	1.01E-06	1.59E-03	0.00E+00	0.00E+00	1.59E-03

*HARP - HRACalc v19044 3/19/2020 1:54:21 PM - Chronic Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitChronicHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
46	ALL		485175	3716575	NonCancer	0.00E+00	6.17E-06	0.00E+00	1.07E-06	1.07E-06	5.69E-05	1.70E-04	0.00E+00	1.43E-06	0.00E+00	1.07E-06	1.81E-03	0.00E+00	0.00E+00	1.81E-03
47	ALL		485225	3716575	NonCancer	0.00E+00	5.91E-06	0.00E+00	1.09E-06	1.09E-06	5.46E-05	1.64E-04	0.00E+00	1.37E-06	0.00E+00	1.09E-06	1.91E-03	0.00E+00	0.00E+00	1.91E-03
48	ALL		485275	3716575	NonCancer	0.00E+00	5.68E-06	0.00E+00	1.07E-06	1.07E-06	5.25E-05	1.58E-04	0.00E+00	1.32E-06	0.00E+00	1.07E-06	1.89E-03	0.00E+00	0.00E+00	1.89E-03
49	ALL		485325	3716575	NonCancer	0.00E+00	5.51E-06	0.00E+00	1.00E-06	1.00E-06	5.08E-05	1.53E-04	0.00E+00	1.28E-06	0.00E+00	1.00E-06	1.74E-03	0.00E+00	0.00E+00	1.74E-03
50	ALL		485375	3716575	NonCancer	0.00E+00	5.32E-06	0.00E+00	9.09E-07	9.09E-07	4.91E-05	1.48E-04	0.00E+00	1.23E-06	0.00E+00	9.09E-07	1.51E-03	0.00E+00	0.00E+00	1.51E-03
51	ALL		485425	3716575	NonCancer	0.00E+00	5.18E-06	0.00E+00	8.08E-07	8.08E-07	4.77E-05	1.44E-04	0.00E+00	1.20E-06	0.00E+00	8.08E-07	1.24E-03	0.00E+00	0.00E+00	1.24E-03
52	ALL		485475	3716575	NonCancer	0.00E+00	5.01E-06	0.00E+00	7.78E-07	7.78E-07	4.61E-05	1.39E-04	0.00E+00	1.16E-06	0.00E+00	7.78E-07	1.19E-03	0.00E+00	0.00E+00	1.19E-03
53	ALL		482925	3716625	NonCancer	0.00E+00	8.22E-06	0.00E+00	7.40E-07	7.40E-07	7.52E-05	2.66E-04	0.00E+00	1.91E-06	0.00E+00	7.40E-07	1.14E-03	0.00E+00	0.00E+00	1.14E-03
54	ALL		482975	3716625	NonCancer	0.00E+00	8.61E-06	0.00E+00	7.80E-07	7.80E-07	7.87E-05	2.78E-04	0.00E+00	2.00E-06	0.00E+00	7.80E-07	1.21E-03	0.00E+00	0.00E+00	1.21E-03
55	ALL		483025	3716625	NonCancer	0.00E+00	8.67E-06	0.00E+00	8.28E-07	8.28E-07	7.93E-05	2.77E-04	0.00E+00	2.01E-06	0.00E+00	8.28E-07	1.29E-03	0.00E+00	0.00E+00	1.29E-03
56	ALL		483075	3716625	NonCancer	0.00E+00	9.21E-06	0.00E+00	8.70E-07	8.70E-07	8.42E-05	2.96E-04	0.00E+00	2.14E-06	0.00E+00	8.70E-07	1.37E-03	0.00E+00	0.00E+00	1.37E-03
57	ALL		483125	3716625	NonCancer	0.00E+00	1.08E-05	0.00E+00	9.04E-07	9.04E-07	9.85E-05	3.55E-04	0.00E+00	2.50E-06	0.00E+00	9.04E-07	1.41E-03	0.00E+00	0.00E+00	1.41E-03
58	ALL		483175	3716625	NonCancer	0.00E+00	1.51E-05	0.00E+00	9.78E-07	9.78E-07	1.38E-04	5.22E-04	0.00E+00	3.50E-06	0.00E+00	9.78E-07	1.51E-03	0.00E+00	0.00E+00	1.51E-03
59	ALL		483225	3716625	NonCancer	0.00E+00	2.91E-05	0.00E+00	1.22E-06	1.22E-06	2.65E-04	1.06E-03	0.00E+00	6.75E-06	0.00E+00	1.22E-06	1.90E-03	0.00E+00	0.00E+00	1.90E-03
60	ALL		483275	3716625	NonCancer	0.00E+00	1.03E-04	0.00E+00	2.54E-06	2.54E-06	9.36E-04	3.91E-03	0.00E+00	2.39E-05	0.00E+00	2.54E-06	4.02E-03	0.00E+00	0.00E+00	4.02E-03
61	ALL		483325	3716625	NonCancer	0.00E+00	2.50E-05	0.00E+00	1.17E-06	1.17E-06	2.27E-04	8.97E-04	0.00E+00	5.80E-06	0.00E+00	1.17E-06	1.79E-03	0.00E+00	0.00E+00	1.79E-03
62	ALL		483375	3716625	NonCancer	0.00E+00	1.71E-05	0.00E+00	1.05E-06	1.05E-06	1.56E-04	5.89E-04	0.00E+00	3.96E-06	0.00E+00	1.05E-06	1.60E-03	0.00E+00	0.00E+00	1.60E-03
63	ALL		483425	3716625	NonCancer	0.00E+00	1.41E-05	0.00E+00	1.01E-06	1.01E-06	1.28E-04	4.71E-04	0.00E+00	3.26E-06	0.00E+00	1.01E-06	1.51E-03	0.00E+00	0.00E+00	1.51E-03
64	ALL		483475	3716625	NonCancer	0.00E+00	1.26E-05	0.00E+00	1.01E-06	1.01E-06	1.15E-04	4.13E-04	0.00E+00	2.93E-06	0.00E+00	1.01E-06	1.52E-03	0.00E+00	0.00E+00	1.52E-03
65	ALL		483525	3716625	NonCancer	0.00E+00	1.17E-05	0.00E+00	1.03E-06	1.03E-06	1.07E-04	3.76E-04	0.00E+00	2.72E-06	0.00E+00	1.03E-06	1.55E-03	0.00E+00	0.00E+00	1.55E-03
66	ALL		483575	3716625	NonCancer	0.00E+00	1.12E-05	0.00E+00	1.07E-06	1.07E-06	1.02E-04	3.51E-04	0.00E+00	2.59E-06	0.00E+00	1.07E-06	1.64E-03	0.00E+00	0.00E+00	1.64E-03
67	ALL		483625	3716625	NonCancer	0.00E+00	1.08E-05	0.00E+00	1.06E-06	1.06E-06	9.87E-05	3.34E-04	0.00E+00	2.50E-06	0.00E+00	1.06E-06	1.59E-03	0.00E+00	0.00E+00	1.59E-03
68	ALL		483675	3716625	NonCancer	0.00E+00	1.05E-05	0.00E+00	1.07E-06	1.07E-06	9.62E-05	3.21E-04	0.00E+00	2.44E-06	0.00E+00	1.07E-06	1.60E-03	0.00E+00	0.00E+00	1.60E-03
69	ALL		483725	3716625	NonCancer	0.00E+00	1.04E-05	0.00E+00	1.09E-06	1.09E-06	9.48E-05	3.12E-04	0.00E+00	2.40E-06	0.00E+00	1.09E-06	1.62E-03	0.00E+00	0.00E+00	1.62E-03
70	ALL		483775	3716625	NonCancer	0.00E+00	1.02E-05	0.00E+00	1.11E-06	1.11E-06	9.37E-05	3.05E-04	0.00E+00	2.37E-06	0.00E+00	1.11E-06	1.65E-03	0.00E+00	0.00E+00	1.65E-03
71	ALL		483825	3716625	NonCancer	0.00E+00	1.01E-05	0.00E+00	1.13E-06	1.13E-06	9.27E-05	2.99E-04	0.00E+00	2.35E-06	0.00E+00	1.13E-06	1.67E-03	0.00E+00	0.00E+00	1.67E-03
72	ALL		483875	3716625	NonCancer	0.00E+00	1.01E-05	0.00E+00	1.15E-06	1.15E-06	9.21E-05	2.95E-04	0.00E+00	2.33E-06	0.00E+00	1.15E-06	1.70E-03	0.00E+00	0.00E+00	1.70E-03
73	ALL		483925	3716625	NonCancer	0.00E+00	1.00E-05	0.00E+00	1.16E-06	1.16E-06	9.18E-05	2.91E-04	0.00E+00	2.32E-06	0.00E+00	1.16E-06	1.70E-03	0.00E+00	0.00E+00	1.70E-03
74	ALL		483975	3716625	NonCancer	0.00E+00	9.95E-06	0.00E+00	1.17E-06	1.17E-06	9.12E-05	2.87E-04	0.00E+00	2.31E-06	0.00E+00	1.17E-06	1.74E-03	0.00E+00	0.00E+00	1.74E-03
75	ALL		484025	3716625	NonCancer	0.00E+00	9.90E-06	0.00E+00	1.19E-06	1.19E-06	9.08E-05	2.84E-04	0.00E+00	2.30E-06	0.00E+00	1.19E-06	1.76E-03	0.00E+00	0.00E+00	1.76E-03
76	ALL		484075	3716625	NonCancer	0.00E+00	9.85E-06	0.00E+00	1.20E-06	1.20E-06	9.03E-05	2.81E-04	0.00E+00	2.28E-06	0.00E+00	1.20E-06	1.77E-03	0.00E+00	0.00E+00	1.77E-03
77	ALL		484125	3716625	NonCancer	0.00E+00	9.76E-06	0.00E+00	1.20E-06	1.20E-06	8.95E-05	2.78E-04	0.00E+00	2.26E-06	0.00E+00	1.20E-06	1.77E-03	0.00E+00	0.00E+00	1.77E-03
78	ALL		484175	3716625	NonCancer	0.00E+00	9.60E-06	0.00E+00	1.19E-06	1.19E-06	8.81E-05	2.72E-04	0.00E+00	2.23E-06	0.00E+00	1.19E-06	1.75E-03	0.00E+00	0.00E+00	1.75E-03
79	ALL		484225	3716625	NonCancer	0.00E+00	9.53E-06	0.00E+00	1.19E-06	1.19E-06	8.75E-05	2.69E-04	0.00E+00	2.21E-06	0.00E+00	1.19E-06	1.76E-03	0.00E+00	0.00E+00	1.76E-03
80	ALL		484275	3716625	NonCancer	0.00E+00	9.45E-06	0.00E+00	1.19E-06	1.19E-06	8.67E-05	2.66E-04	0.00E+00	2.19E-06	0.00E+00	1.19E-06	1.75E-03	0.00E+00	0.00E+00	1.75E-03
81	ALL		484325	3716625	NonCancer	0.00E+00	9.39E-06	0.00E+00	1.20E-06	1.20E-06	8.62E-05	2.64E-04	0.00E+00	2.18E-06	0.00E+00	1.20E-06	1.77E-03	0.00E+00	0.00E+00	1.77E-03
82	ALL		484375	3716625	NonCancer	0.00E+00	9.35E-06	0.00E+00	1.21E-06	1.21E-06	8.58E-05	2.61E-04	0.00E+00	2.17E-06	0.00E+00	1.21E-06	1.79E-03	0.00E+00	0.00E+00	1.79E-03
83	ALL		484425	3716625	NonCancer	0.00E+00	9.16E-06	0.00E+00	1.21E-06	1.21E-06	8.41E-05	2.56E-04	0.00E+00	2.13E-06	0.00E+00	1.21E-06	1.78E-03	0.00E+00	0.00E+00	1.78E-03
84	ALL		484475	3716625	NonCancer	0.00E+00	8.99E-06	0.00E+00	1.18E-06	1.18E-06	8.26E-05	2.51E-04	0.00E+00	2.09E-06	0.00E+00	1.18E-06	1.74E-03	0.00E+00	0.00E+00	1.74E-03
85	ALL		484525	3716625	NonCancer	0.00E+00	8.80E-06	0.00E+00	1.18E-06	1.18E-06	8.09E-05	2.45E-04	0.00E+00	2.04E-06	0.00E+00	1.18E-06	1.74E-03	0.00E+00	0.00E+00	1.74E-03
86	ALL		484575	3716625	NonCancer	0.00E+00	8.61E-06	0.00E+00	1.17E-06	1.17E-06	7.91E-05	2.39E-04	0.00E+00	2.00E-06	0.00E+00	1.17E-06	1.75E-03	0.00E+00	0.00E+00	1.75E-03
87	ALL		484625	3716625	NonCancer	0.00E+00	8.43E-06	0.00E+00	1.27E-06	1.27E-06	7.76E-05	2.34E-04	0.00E+00	1.96E-06	0.00E+00	1.27E-06	2.05E-03	0.00E+00	0.00E+00	2.05E-03
88	ALL		484675	3716625	NonCancer	0.00E+00	8.24E-06	0.00E+00	1.27E-06	1.27E-06	7.58E-05	2.29E-04	0.00E+00	1.91E-06	0.00E+00	1.27E-06	2.07E-03	0.00E+00	0.00E+00	2.07E-03
89	ALL		484725	3716625	NonCancer	0.00E+00	8.05E-06	0.00E+00	1.17E-06	1.17E-06	7.40E-05	2.23E-04	0.00E+00	1.87E-06	0.00E+00	1.17E-06	1.82E-03	0.00E+00	0.00E+00	1.82E-03
90	ALL		484775	3716625	NonCancer	0.00E+00	7.83E-06	0.00E+00	1.09E-06	1.09E-06	7.20E-05	2.17E-04	0.00E+00	1.82E-06	0.00E+00	1.09E-06	1.61E-03	0.00E+00	0.00E+00	1.61E-03

*HARP - HRACalc v19044 3/19/2020 1:54:21 PM - Chronic Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitChronicHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
91	ALL		484825	3716625	NonCancer	0.00E+00	7.66E-06	0.00E+00	1.07E-06	1.07E-06	7.04E-05	2.12E-04	0.00E+00	1.78E-06	0.00E+00	1.07E-06	1.58E-03	0.00E+00	0.00E+00	1.58E-03
92	ALL		484875	3716625	NonCancer	0.00E+00	7.42E-06	0.00E+00	1.04E-06	1.04E-06	6.82E-05	2.06E-04	0.00E+00	1.72E-06	0.00E+00	1.04E-06	1.53E-03	0.00E+00	0.00E+00	1.53E-03
93	ALL		484925	3716625	NonCancer	0.00E+00	7.16E-06	0.00E+00	1.01E-06	1.01E-06	6.58E-05	1.98E-04	0.00E+00	1.66E-06	0.00E+00	1.01E-06	1.50E-03	0.00E+00	0.00E+00	1.50E-03
94	ALL		484975	3716625	NonCancer	0.00E+00	6.90E-06	0.00E+00	9.79E-07	9.79E-07	6.35E-05	1.91E-04	0.00E+00	1.60E-06	0.00E+00	9.79E-07	1.44E-03	0.00E+00	0.00E+00	1.44E-03
95	ALL		485025	3716625	NonCancer	0.00E+00	6.86E-06	0.00E+00	9.87E-07	9.87E-07	6.30E-05	1.90E-04	0.00E+00	1.59E-06	0.00E+00	9.87E-07	1.46E-03	0.00E+00	0.00E+00	1.46E-03
96	ALL		485075	3716625	NonCancer	0.00E+00	6.82E-06	0.00E+00	1.04E-06	1.04E-06	6.27E-05	1.88E-04	0.00E+00	1.58E-06	0.00E+00	1.04E-06	1.59E-03	0.00E+00	0.00E+00	1.59E-03
97	ALL		485125	3716625	NonCancer	0.00E+00	6.64E-06	0.00E+00	1.13E-06	1.13E-06	6.13E-05	1.83E-04	0.00E+00	1.54E-06	0.00E+00	1.13E-06	1.87E-03	0.00E+00	0.00E+00	1.87E-03
98	ALL		485175	3716625	NonCancer	0.00E+00	6.40E-06	0.00E+00	1.17E-06	1.17E-06	5.91E-05	1.77E-04	0.00E+00	1.48E-06	0.00E+00	1.17E-06	2.03E-03	0.00E+00	0.00E+00	2.03E-03
99	ALL		485225	3716625	NonCancer	0.00E+00	6.13E-06	0.00E+00	1.15E-06	1.15E-06	5.66E-05	1.70E-04	0.00E+00	1.42E-06	0.00E+00	1.15E-06	2.03E-03	0.00E+00	0.00E+00	2.03E-03
100	ALL		485275	3716625	NonCancer	0.00E+00	5.89E-06	0.00E+00	1.09E-06	1.09E-06	5.44E-05	1.63E-04	0.00E+00	1.37E-06	0.00E+00	1.09E-06	1.90E-03	0.00E+00	0.00E+00	1.90E-03
101	ALL		485325	3716625	NonCancer	0.00E+00	5.69E-06	0.00E+00	9.89E-07	9.89E-07	5.25E-05	1.58E-04	0.00E+00	1.32E-06	0.00E+00	9.89E-07	1.66E-03	0.00E+00	0.00E+00	1.66E-03
102	ALL		485375	3716625	NonCancer	0.00E+00	5.51E-06	0.00E+00	8.77E-07	8.77E-07	5.08E-05	1.53E-04	0.00E+00	1.28E-06	0.00E+00	8.77E-07	1.37E-03	0.00E+00	0.00E+00	1.37E-03
103	ALL		485425	3716625	NonCancer	0.00E+00	5.32E-06	0.00E+00	8.29E-07	8.29E-07	4.90E-05	1.48E-04	0.00E+00	1.23E-06	0.00E+00	8.29E-07	1.27E-03	0.00E+00	0.00E+00	1.27E-03
104	ALL		485475	3716625	NonCancer	0.00E+00	5.15E-06	0.00E+00	8.38E-07	8.38E-07	4.75E-05	1.43E-04	0.00E+00	1.20E-06	0.00E+00	8.38E-07	1.33E-03	0.00E+00	0.00E+00	1.33E-03
105	ALL		482925	3716675	NonCancer	0.00E+00	8.28E-06	0.00E+00	7.57E-07	7.57E-07	7.57E-05	2.67E-04	0.00E+00	1.92E-06	0.00E+00	7.57E-07	1.16E-03	0.00E+00	0.00E+00	1.16E-03
106	ALL		482975	3716675	NonCancer	0.00E+00	8.94E-06	0.00E+00	7.96E-07	7.96E-07	8.17E-05	2.90E-04	0.00E+00	2.07E-06	0.00E+00	7.96E-07	1.23E-03	0.00E+00	0.00E+00	1.23E-03
107	ALL		483025	3716675	NonCancer	0.00E+00	9.04E-06	0.00E+00	8.43E-07	8.43E-07	8.26E-05	2.90E-04	0.00E+00	2.10E-06	0.00E+00	8.43E-07	1.31E-03	0.00E+00	0.00E+00	1.31E-03
108	ALL		483075	3716675	NonCancer	0.00E+00	9.37E-06	0.00E+00	8.94E-07	8.94E-07	8.57E-05	3.00E-04	0.00E+00	2.17E-06	0.00E+00	8.94E-07	1.40E-03	0.00E+00	0.00E+00	1.40E-03
109	ALL		483125	3716675	NonCancer	0.00E+00	1.04E-05	0.00E+00	9.35E-07	9.35E-07	9.50E-05	3.37E-04	0.00E+00	2.41E-06	0.00E+00	9.35E-07	1.46E-03	0.00E+00	0.00E+00	1.46E-03
110	ALL		483175	3716675	NonCancer	0.00E+00	1.36E-05	0.00E+00	9.81E-07	9.81E-07	1.24E-04	4.61E-04	0.00E+00	3.16E-06	0.00E+00	9.81E-07	1.51E-03	0.00E+00	0.00E+00	1.51E-03
111	ALL		483225	3716675	NonCancer	0.00E+00	2.19E-05	0.00E+00	1.14E-06	1.14E-06	2.00E-04	7.81E-04	0.00E+00	5.09E-06	0.00E+00	1.14E-06	1.76E-03	0.00E+00	0.00E+00	1.76E-03
112	ALL		483275	3716675	NonCancer	0.00E+00	8.02E-05	0.00E+00	2.17E-06	2.17E-06	7.28E-04	3.02E-03	0.00E+00	1.86E-05	0.00E+00	2.17E-06	3.42E-03	0.00E+00	0.00E+00	3.42E-03
113	ALL		483325	3716675	NonCancer	0.00E+00	3.12E-05	0.00E+00	1.32E-06	1.32E-06	2.84E-04	1.14E-03	0.00E+00	7.24E-06	0.00E+00	1.32E-06	2.04E-03	0.00E+00	0.00E+00	2.04E-03
114	ALL		483375	3716675	NonCancer	0.00E+00	1.88E-05	0.00E+00	1.11E-06	1.11E-06	1.71E-04	6.50E-04	0.00E+00	4.35E-06	0.00E+00	1.11E-06	1.69E-03	0.00E+00	0.00E+00	1.69E-03
115	ALL		483425	3716675	NonCancer	0.00E+00	1.50E-05	0.00E+00	1.06E-06	1.06E-06	1.37E-04	5.04E-04	0.00E+00	3.48E-06	0.00E+00	1.06E-06	1.60E-03	0.00E+00	0.00E+00	1.60E-03
116	ALL		483475	3716675	NonCancer	0.00E+00	1.33E-05	0.00E+00	1.05E-06	1.05E-06	1.22E-04	4.35E-04	0.00E+00	3.09E-06	0.00E+00	1.05E-06	1.57E-03	0.00E+00	0.00E+00	1.57E-03
117	ALL		483525	3716675	NonCancer	0.00E+00	1.24E-05	0.00E+00	1.07E-06	1.07E-06	1.13E-04	3.97E-04	0.00E+00	2.87E-06	0.00E+00	1.07E-06	1.60E-03	0.00E+00	0.00E+00	1.60E-03
118	ALL		483575	3716675	NonCancer	0.00E+00	1.18E-05	0.00E+00	1.12E-06	1.12E-06	1.08E-04	3.70E-04	0.00E+00	2.73E-06	0.00E+00	1.12E-06	1.70E-03	0.00E+00	0.00E+00	1.70E-03
119	ALL		483625	3716675	NonCancer	0.00E+00	1.14E-05	0.00E+00	1.14E-06	1.14E-06	1.04E-04	3.51E-04	0.00E+00	2.64E-06	0.00E+00	1.14E-06	1.74E-03	0.00E+00	0.00E+00	1.74E-03
120	ALL		483675	3716675	NonCancer	0.00E+00	1.11E-05	0.00E+00	1.13E-06	1.13E-06	1.02E-04	3.38E-04	0.00E+00	2.58E-06	0.00E+00	1.13E-06	1.69E-03	0.00E+00	0.00E+00	1.69E-03
121	ALL		483725	3716675	NonCancer	0.00E+00	1.10E-05	0.00E+00	1.17E-06	1.17E-06	1.00E-04	3.29E-04	0.00E+00	2.54E-06	0.00E+00	1.17E-06	1.73E-03	0.00E+00	0.00E+00	1.73E-03
122	ALL		483775	3716675	NonCancer	0.00E+00	1.09E-05	0.00E+00	1.18E-06	1.18E-06	9.94E-05	3.22E-04	0.00E+00	2.52E-06	0.00E+00	1.18E-06	1.73E-03	0.00E+00	0.00E+00	1.73E-03
123	ALL		483825	3716675	NonCancer	0.00E+00	1.08E-05	0.00E+00	1.21E-06	1.21E-06	9.88E-05	3.17E-04	0.00E+00	2.50E-06	0.00E+00	1.21E-06	1.79E-03	0.00E+00	0.00E+00	1.79E-03
124	ALL		483875	3716675	NonCancer	0.00E+00	1.07E-05	0.00E+00	1.22E-06	1.22E-06	9.79E-05	3.12E-04	0.00E+00	2.48E-06	0.00E+00	1.22E-06	1.80E-03	0.00E+00	0.00E+00	1.80E-03
125	ALL		483925	3716675	NonCancer	0.00E+00	1.07E-05	0.00E+00	1.23E-06	1.23E-06	9.77E-05	3.09E-04	0.00E+00	2.47E-06	0.00E+00	1.23E-06	1.81E-03	0.00E+00	0.00E+00	1.81E-03
126	ALL		483975	3716675	NonCancer	0.00E+00	1.06E-05	0.00E+00	1.25E-06	1.25E-06	9.73E-05	3.05E-04	0.00E+00	2.46E-06	0.00E+00	1.25E-06	1.84E-03	0.00E+00	0.00E+00	1.84E-03
127	ALL		484025	3716675	NonCancer	0.00E+00	1.06E-05	0.00E+00	1.27E-06	1.27E-06	9.69E-05	3.02E-04	0.00E+00	2.45E-06	0.00E+00	1.27E-06	1.87E-03	0.00E+00	0.00E+00	1.87E-03
128	ALL		484075	3716675	NonCancer	0.00E+00	1.05E-05	0.00E+00	1.27E-06	1.27E-06	9.64E-05	2.99E-04	0.00E+00	2.44E-06	0.00E+00	1.27E-06	1.87E-03	0.00E+00	0.00E+00	1.87E-03
129	ALL		484125	3716675	NonCancer	0.00E+00	1.04E-05	0.00E+00	1.28E-06	1.28E-06	9.55E-05	2.95E-04	0.00E+00	2.42E-06	0.00E+00	1.28E-06	1.88E-03	0.00E+00	0.00E+00	1.88E-03
130	ALL		484175	3716675	NonCancer	0.00E+00	1.03E-05	0.00E+00	1.27E-06	1.27E-06	9.45E-05	2.91E-04	0.00E+00	2.39E-06	0.00E+00	1.27E-06	1.87E-03	0.00E+00	0.00E+00	1.87E-03
131	ALL		484225	3716675	NonCancer	0.00E+00	1.02E-05	0.00E+00	1.28E-06	1.28E-06	9.36E-05	2.87E-04	0.00E+00	2.37E-06	0.00E+00	1.28E-06	1.87E-03	0.00E+00	0.00E+00	1.87E-03
132	ALL		484275	3716675	NonCancer	0.00E+00	1.01E-05	0.00E+00	1.27E-06	1.27E-06	9.26E-05	2.83E-04	0.00E+00	2.34E-06	0.00E+00	1.27E-06	1.86E-03	0.00E+00	0.00E+00	1.86E-03
133	ALL		484325	3716675	NonCancer	0.00E+00	9.99E-06	0.00E+00	1.28E-06	1.28E-06	9.17E-05	2.79E-04	0.00E+00	2.32E-06	0.00E+00	1.28E-06	1.88E-03	0.00E+00	0.00E+00	1.88E-03
134	ALL		484375	3716675	NonCancer	0.00E+00	9.99E-06	0.00E+00	1.30E-06	1.30E-06	9.17E-05	2.78E-04	0.00E+00	2.32E-06	0.00E+00	1.30E-06	1.91E-03	0.00E+00	0.00E+00	1.91E-03
135	ALL		484425	3716675	NonCancer	0.00E+00	9.92E-06	0.00E+00	1.30E-06	1.30E-06	9.11E-05	2.75E-04	0.00E+00	2.30E-06	0.00E+00	1.30E-06	1.92E-03	0.00E+00	0.00E+00	1.92E-03

*HARP - HRACalc v19044 3/19/2020 1:54:21 PM - Chronic Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitChronicHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
136	ALL		484475	3716675	NonCancer	0.00E+00	9.73E-06	0.00E+00	1.29E-06	1.29E-06	8.93E-05	2.70E-04	0.00E+00	2.26E-06	0.00E+00	1.29E-06	1.89E-03	0.00E+00	0.00E+00	1.89E-03
137	ALL		484525	3716675	NonCancer	0.00E+00	9.45E-06	0.00E+00	1.26E-06	1.26E-06	8.68E-05	2.62E-04	0.00E+00	2.19E-06	0.00E+00	1.26E-06	1.86E-03	0.00E+00	0.00E+00	1.86E-03
138	ALL		484575	3716675	NonCancer	0.00E+00	9.19E-06	0.00E+00	1.29E-06	1.29E-06	8.44E-05	2.55E-04	0.00E+00	2.13E-06	0.00E+00	1.29E-06	1.98E-03	0.00E+00	0.00E+00	1.98E-03
139	ALL		484625	3716675	NonCancer	0.00E+00	9.03E-06	0.00E+00	1.38E-06	1.38E-06	8.31E-05	2.50E-04	0.00E+00	2.09E-06	0.00E+00	1.38E-06	2.25E-03	0.00E+00	0.00E+00	2.25E-03
140	ALL		484675	3716675	NonCancer	0.00E+00	8.78E-06	0.00E+00	1.34E-06	1.34E-06	8.08E-05	2.43E-04	0.00E+00	2.04E-06	0.00E+00	1.34E-06	2.17E-03	0.00E+00	0.00E+00	2.17E-03
141	ALL		484725	3716675	NonCancer	0.00E+00	8.59E-06	0.00E+00	1.21E-06	1.21E-06	7.90E-05	2.37E-04	0.00E+00	1.99E-06	0.00E+00	1.21E-06	1.82E-03	0.00E+00	0.00E+00	1.82E-03
142	ALL		484775	3716675	NonCancer	0.00E+00	8.34E-06	0.00E+00	1.16E-06	1.16E-06	7.66E-05	2.30E-04	0.00E+00	1.93E-06	0.00E+00	1.16E-06	1.70E-03	0.00E+00	0.00E+00	1.70E-03
143	ALL		484825	3716675	NonCancer	0.00E+00	8.11E-06	0.00E+00	1.13E-06	1.13E-06	7.45E-05	2.24E-04	0.00E+00	1.88E-06	0.00E+00	1.13E-06	1.66E-03	0.00E+00	0.00E+00	1.66E-03
144	ALL		484875	3716675	NonCancer	0.00E+00	7.86E-06	0.00E+00	1.11E-06	1.11E-06	7.23E-05	2.17E-04	0.00E+00	1.82E-06	0.00E+00	1.11E-06	1.64E-03	0.00E+00	0.00E+00	1.64E-03
145	ALL		484925	3716675	NonCancer	0.00E+00	7.57E-06	0.00E+00	1.07E-06	1.07E-06	6.96E-05	2.09E-04	0.00E+00	1.76E-06	0.00E+00	1.07E-06	1.58E-03	0.00E+00	0.00E+00	1.58E-03
146	ALL		484975	3716675	NonCancer	0.00E+00	7.24E-06	0.00E+00	1.03E-06	1.03E-06	6.65E-05	2.00E-04	0.00E+00	1.68E-06	0.00E+00	1.03E-06	1.52E-03	0.00E+00	0.00E+00	1.52E-03
147	ALL		485025	3716675	NonCancer	0.00E+00	7.06E-06	0.00E+00	1.03E-06	1.03E-06	6.49E-05	1.95E-04	0.00E+00	1.64E-06	0.00E+00	1.03E-06	1.54E-03	0.00E+00	0.00E+00	1.54E-03
148	ALL		485075	3716675	NonCancer	0.00E+00	6.98E-06	0.00E+00	1.15E-06	1.15E-06	6.43E-05	1.93E-04	0.00E+00	1.62E-06	0.00E+00	1.15E-06	1.89E-03	0.00E+00	0.00E+00	1.89E-03
149	ALL		485125	3716675	NonCancer	0.00E+00	6.77E-06	0.00E+00	1.22E-06	1.22E-06	6.25E-05	1.87E-04	0.00E+00	1.57E-06	0.00E+00	1.22E-06	2.11E-03	0.00E+00	0.00E+00	2.11E-03
150	ALL		485175	3716675	NonCancer	0.00E+00	6.58E-06	0.00E+00	1.23E-06	1.23E-06	6.08E-05	1.82E-04	0.00E+00	1.53E-06	0.00E+00	1.23E-06	2.18E-03	0.00E+00	0.00E+00	2.18E-03
151	ALL		485225	3716675	NonCancer	0.00E+00	6.33E-06	0.00E+00	1.18E-06	1.18E-06	5.85E-05	1.75E-04	0.00E+00	1.47E-06	0.00E+00	1.18E-06	2.07E-03	0.00E+00	0.00E+00	2.07E-03
152	ALL		485275	3716675	NonCancer	0.00E+00	6.08E-06	0.00E+00	1.07E-06	1.07E-06	5.61E-05	1.68E-04	0.00E+00	1.41E-06	0.00E+00	1.07E-06	1.82E-03	0.00E+00	0.00E+00	1.82E-03
153	ALL		485325	3716675	NonCancer	0.00E+00	5.88E-06	0.00E+00	9.53E-07	9.53E-07	5.42E-05	1.63E-04	0.00E+00	1.36E-06	0.00E+00	9.53E-07	1.51E-03	0.00E+00	0.00E+00	1.51E-03
154	ALL		485375	3716675	NonCancer	0.00E+00	5.72E-06	0.00E+00	8.95E-07	8.95E-07	5.27E-05	1.58E-04	0.00E+00	1.33E-06	0.00E+00	8.95E-07	1.37E-03	0.00E+00	0.00E+00	1.37E-03
155	ALL		485425	3716675	NonCancer	0.00E+00	5.51E-06	0.00E+00	9.02E-07	9.02E-07	5.08E-05	1.53E-04	0.00E+00	1.28E-06	0.00E+00	9.02E-07	1.43E-03	0.00E+00	0.00E+00	1.43E-03
156	ALL		485475	3716675	NonCancer	0.00E+00	5.32E-06	0.00E+00	8.95E-07	8.95E-07	4.90E-05	1.47E-04	0.00E+00	1.23E-06	0.00E+00	8.95E-07	1.45E-03	0.00E+00	0.00E+00	1.45E-03
157	ALL		482925	3716725	NonCancer	0.00E+00	8.20E-06	0.00E+00	7.88E-07	7.88E-07	7.50E-05	2.61E-04	0.00E+00	1.90E-06	0.00E+00	7.88E-07	1.22E-03	0.00E+00	0.00E+00	1.22E-03
158	ALL		482975	3716725	NonCancer	0.00E+00	9.02E-06	0.00E+00	8.16E-07	8.16E-07	8.25E-05	2.91E-04	0.00E+00	2.09E-06	0.00E+00	8.16E-07	1.25E-03	0.00E+00	0.00E+00	1.25E-03
159	ALL		483025	3716725	NonCancer	0.00E+00	9.57E-06	0.00E+00	8.61E-07	8.61E-07	8.75E-05	3.09E-04	0.00E+00	2.22E-06	0.00E+00	8.61E-07	1.33E-03	0.00E+00	0.00E+00	1.33E-03
160	ALL		483075	3716725	NonCancer	0.00E+00	1.01E-05	0.00E+00	9.04E-07	9.04E-07	9.25E-05	3.27E-04	0.00E+00	2.35E-06	0.00E+00	9.04E-07	1.40E-03	0.00E+00	0.00E+00	1.40E-03
161	ALL		483125	3716725	NonCancer	0.00E+00	1.10E-05	0.00E+00	9.52E-07	9.52E-07	1.00E-04	3.58E-04	0.00E+00	2.55E-06	0.00E+00	9.52E-07	1.48E-03	0.00E+00	0.00E+00	1.48E-03
162	ALL		483175	3716725	NonCancer	0.00E+00	1.28E-05	0.00E+00	1.00E-06	1.00E-06	1.16E-04	4.24E-04	0.00E+00	2.96E-06	0.00E+00	1.00E-06	1.55E-03	0.00E+00	0.00E+00	1.55E-03
163	ALL		483225	3716725	NonCancer	0.00E+00	1.80E-05	0.00E+00	1.10E-06	1.10E-06	1.64E-04	6.26E-04	0.00E+00	4.18E-06	0.00E+00	1.10E-06	1.69E-03	0.00E+00	0.00E+00	1.69E-03
164	ALL		483275	3716725	NonCancer	0.00E+00	5.59E-05	0.00E+00	1.78E-06	1.78E-06	5.08E-04	2.08E-03	0.00E+00	1.30E-05	0.00E+00	1.78E-06	2.78E-03	0.00E+00	0.00E+00	2.78E-03
165	ALL		483325	3716725	NonCancer	0.00E+00	4.37E-05	0.00E+00	1.58E-06	1.58E-06	3.97E-04	1.61E-03	0.00E+00	1.01E-05	0.00E+00	1.58E-06	2.46E-03	0.00E+00	0.00E+00	2.46E-03
166	ALL		483375	3716725	NonCancer	0.00E+00	2.10E-05	0.00E+00	1.19E-06	1.19E-06	1.91E-04	7.32E-04	0.00E+00	4.86E-06	0.00E+00	1.19E-06	1.80E-03	0.00E+00	0.00E+00	1.80E-03
167	ALL		483425	3716725	NonCancer	0.00E+00	1.61E-05	0.00E+00	1.12E-06	1.12E-06	1.47E-04	5.44E-04	0.00E+00	3.75E-06	0.00E+00	1.12E-06	1.69E-03	0.00E+00	0.00E+00	1.69E-03
168	ALL		483475	3716725	NonCancer	0.00E+00	1.43E-05	0.00E+00	1.12E-06	1.12E-06	1.30E-04	4.68E-04	0.00E+00	3.31E-06	0.00E+00	1.12E-06	1.67E-03	0.00E+00	0.00E+00	1.67E-03
169	ALL		483525	3716725	NonCancer	0.00E+00	1.31E-05	0.00E+00	1.12E-06	1.12E-06	1.20E-04	4.20E-04	0.00E+00	3.05E-06	0.00E+00	1.12E-06	1.67E-03	0.00E+00	0.00E+00	1.67E-03
170	ALL		483575	3716725	NonCancer	0.00E+00	1.25E-05	0.00E+00	1.17E-06	1.17E-06	1.14E-04	3.90E-04	0.00E+00	2.89E-06	0.00E+00	1.17E-06	1.74E-03	0.00E+00	0.00E+00	1.74E-03
171	ALL		483625	3716725	NonCancer	0.00E+00	1.20E-05	0.00E+00	1.23E-06	1.23E-06	1.10E-04	3.67E-04	0.00E+00	2.78E-06	0.00E+00	1.23E-06	1.87E-03	0.00E+00	0.00E+00	1.87E-03
172	ALL		483675	3716725	NonCancer	0.00E+00	1.18E-05	0.00E+00	1.21E-06	1.21E-06	1.08E-04	3.57E-04	0.00E+00	2.74E-06	0.00E+00	1.21E-06	1.81E-03	0.00E+00	0.00E+00	1.81E-03
173	ALL		483725	3716725	NonCancer	0.00E+00	1.16E-05	0.00E+00	1.25E-06	1.25E-06	1.07E-04	3.47E-04	0.00E+00	2.70E-06	0.00E+00	1.25E-06	1.86E-03	0.00E+00	0.00E+00	1.86E-03
174	ALL		483775	3716725	NonCancer	0.00E+00	1.15E-05	0.00E+00	1.27E-06	1.27E-06	1.06E-04	3.40E-04	0.00E+00	2.68E-06	0.00E+00	1.27E-06	1.87E-03	0.00E+00	0.00E+00	1.87E-03
175	ALL		483825	3716725	NonCancer	0.00E+00	1.15E-05	0.00E+00	1.28E-06	1.28E-06	1.05E-04	3.35E-04	0.00E+00	2.66E-06	0.00E+00	1.28E-06	1.88E-03	0.00E+00	0.00E+00	1.88E-03
176	ALL		483875	3716725	NonCancer	0.00E+00	1.14E-05	0.00E+00	1.30E-06	1.30E-06	1.05E-04	3.31E-04	0.00E+00	2.65E-06	0.00E+00	1.30E-06	1.92E-03	0.00E+00	0.00E+00	1.92E-03
177	ALL		483925	3716725	NonCancer	0.00E+00	1.14E-05	0.00E+00	1.32E-06	1.32E-06	1.04E-04	3.28E-04	0.00E+00	2.64E-06	0.00E+00	1.32E-06	1.94E-03	0.00E+00	0.00E+00	1.94E-03
178	ALL		483975	3716725	NonCancer	0.00E+00	1.13E-05	0.00E+00	1.33E-06	1.33E-06	1.04E-04	3.25E-04	0.00E+00	2.63E-06	0.00E+00	1.33E-06	1.94E-03	0.00E+00	0.00E+00	1.94E-03
179	ALL		484025	3716725	NonCancer	0.00E+00	1.13E-05	0.00E+00	1.35E-06	1.35E-06	1.04E-04	3.22E-04	0.00E+00	2.62E-06	0.00E+00	1.35E-06	2.00E-03	0.00E+00	0.00E+00	2.00E-03
180	ALL		484075	3716725	NonCancer	0.00E+00	1.13E-05	0.00E+00	1.36E-06	1.36E-06	1.03E-04	3.19E-04	0.00E+00	2.61E-06	0.00E+00	1.36E-06	2.00E-03	0.00E+00	0.00E+00	2.00E-03

*HARP - HRACalc v19044 3/19/2020 1:54:21 PM - Chronic Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitChronicHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
181	ALL		484125	3716725	NonCancer	0.00E+00	1.12E-05	0.00E+00	1.37E-06	1.37E-06	1.02E-04	3.15E-04	0.00E+00	2.59E-06	0.00E+00	1.37E-06	2.00E-03	0.00E+00	0.00E+00	2.00E-03
182	ALL		484175	3716725	NonCancer	0.00E+00	1.10E-05	0.00E+00	1.36E-06	1.36E-06	1.01E-04	3.10E-04	0.00E+00	2.56E-06	0.00E+00	1.36E-06	2.00E-03	0.00E+00	0.00E+00	2.00E-03
183	ALL		484225	3716725	NonCancer	0.00E+00	1.09E-05	0.00E+00	1.37E-06	1.37E-06	1.00E-04	3.07E-04	0.00E+00	2.54E-06	0.00E+00	1.37E-06	2.00E-03	0.00E+00	0.00E+00	2.00E-03
184	ALL		484275	3716725	NonCancer	0.00E+00	1.08E-05	0.00E+00	1.36E-06	1.36E-06	9.93E-05	3.02E-04	0.00E+00	2.51E-06	0.00E+00	1.36E-06	1.99E-03	0.00E+00	0.00E+00	1.99E-03
185	ALL		484325	3716725	NonCancer	0.00E+00	1.06E-05	0.00E+00	1.36E-06	1.36E-06	9.77E-05	2.97E-04	0.00E+00	2.47E-06	0.00E+00	1.36E-06	1.99E-03	0.00E+00	0.00E+00	1.99E-03
186	ALL		484375	3716725	NonCancer	0.00E+00	1.06E-05	0.00E+00	1.38E-06	1.38E-06	9.71E-05	2.94E-04	0.00E+00	2.45E-06	0.00E+00	1.38E-06	2.05E-03	0.00E+00	0.00E+00	2.05E-03
187	ALL		484425	3716725	NonCancer	0.00E+00	1.05E-05	0.00E+00	1.38E-06	1.38E-06	9.65E-05	2.91E-04	0.00E+00	2.44E-06	0.00E+00	1.38E-06	2.03E-03	0.00E+00	0.00E+00	2.03E-03
188	ALL		484475	3716725	NonCancer	0.00E+00	1.04E-05	0.00E+00	1.38E-06	1.38E-06	9.55E-05	2.87E-04	0.00E+00	2.41E-06	0.00E+00	1.38E-06	2.02E-03	0.00E+00	0.00E+00	2.02E-03
189	ALL		484525	3716725	NonCancer	0.00E+00	1.02E-05	0.00E+00	1.36E-06	1.36E-06	9.36E-05	2.81E-04	0.00E+00	2.36E-06	0.00E+00	1.36E-06	2.00E-03	0.00E+00	0.00E+00	2.00E-03
190	ALL		484575	3716725	NonCancer	0.00E+00	9.93E-06	0.00E+00	1.45E-06	1.45E-06	9.14E-05	2.74E-04	0.00E+00	2.30E-06	0.00E+00	1.45E-06	2.27E-03	0.00E+00	0.00E+00	2.27E-03
191	ALL		484625	3716725	NonCancer	0.00E+00	9.70E-06	0.00E+00	1.50E-06	1.50E-06	8.93E-05	2.67E-04	0.00E+00	2.25E-06	0.00E+00	1.50E-06	2.45E-03	0.00E+00	0.00E+00	2.45E-03
192	ALL		484675	3716725	NonCancer	0.00E+00	9.38E-06	0.00E+00	1.41E-06	1.41E-06	8.64E-05	2.59E-04	0.00E+00	2.18E-06	0.00E+00	1.41E-06	2.24E-03	0.00E+00	0.00E+00	2.24E-03
193	ALL		484725	3716725	NonCancer	0.00E+00	9.30E-06	0.00E+00	1.31E-06	1.31E-06	8.55E-05	2.56E-04	0.00E+00	2.16E-06	0.00E+00	1.31E-06	1.94E-03	0.00E+00	0.00E+00	1.94E-03
194	ALL		484775	3716725	NonCancer	0.00E+00	9.00E-06	0.00E+00	1.27E-06	1.27E-06	8.28E-05	2.48E-04	0.00E+00	2.09E-06	0.00E+00	1.27E-06	1.87E-03	0.00E+00	0.00E+00	1.87E-03
195	ALL		484825	3716725	NonCancer	0.00E+00	8.71E-06	0.00E+00	1.23E-06	1.23E-06	8.00E-05	2.40E-04	0.00E+00	2.02E-06	0.00E+00	1.23E-06	1.81E-03	0.00E+00	0.00E+00	1.81E-03
196	ALL		484875	3716725	NonCancer	0.00E+00	8.43E-06	0.00E+00	1.20E-06	1.20E-06	7.75E-05	2.32E-04	0.00E+00	1.95E-06	0.00E+00	1.20E-06	1.78E-03	0.00E+00	0.00E+00	1.78E-03
197	ALL		484925	3716725	NonCancer	0.00E+00	8.05E-06	0.00E+00	1.15E-06	1.15E-06	7.40E-05	2.22E-04	0.00E+00	1.87E-06	0.00E+00	1.15E-06	1.68E-03	0.00E+00	0.00E+00	1.68E-03
198	ALL		484975	3716725	NonCancer	0.00E+00	7.65E-06	0.00E+00	1.09E-06	1.09E-06	7.04E-05	2.11E-04	0.00E+00	1.78E-06	0.00E+00	1.09E-06	1.60E-03	0.00E+00	0.00E+00	1.60E-03
199	ALL		485025	3716725	NonCancer	0.00E+00	7.34E-06	0.00E+00	1.17E-06	1.17E-06	6.76E-05	2.03E-04	0.00E+00	1.70E-06	0.00E+00	1.17E-06	1.89E-03	0.00E+00	0.00E+00	1.89E-03
200	ALL		485075	3716725	NonCancer	0.00E+00	7.14E-06	0.00E+00	1.27E-06	1.27E-06	6.59E-05	1.98E-04	0.00E+00	1.66E-06	0.00E+00	1.27E-06	2.18E-03	0.00E+00	0.00E+00	2.18E-03
201	ALL		485125	3716725	NonCancer	0.00E+00	6.97E-06	0.00E+00	1.30E-06	1.30E-06	6.44E-05	1.93E-04	0.00E+00	1.62E-06	0.00E+00	1.30E-06	2.31E-03	0.00E+00	0.00E+00	2.31E-03
202	ALL		485175	3716725	NonCancer	0.00E+00	6.76E-06	0.00E+00	1.27E-06	1.27E-06	6.25E-05	1.87E-04	0.00E+00	1.57E-06	0.00E+00	1.27E-06	2.25E-03	0.00E+00	0.00E+00	2.25E-03
203	ALL		485225	3716725	NonCancer	0.00E+00	6.54E-06	0.00E+00	1.17E-06	1.17E-06	6.03E-05	1.81E-04	0.00E+00	1.52E-06	0.00E+00	1.17E-06	2.01E-03	0.00E+00	0.00E+00	2.01E-03
204	ALL		485275	3716725	NonCancer	0.00E+00	6.29E-06	0.00E+00	1.04E-06	1.04E-06	5.80E-05	1.74E-04	0.00E+00	1.46E-06	0.00E+00	1.04E-06	1.68E-03	0.00E+00	0.00E+00	1.68E-03
205	ALL		485325	3716725	NonCancer	0.00E+00	6.08E-06	0.00E+00	9.54E-07	9.54E-07	5.60E-05	1.68E-04	0.00E+00	1.41E-06	0.00E+00	9.54E-07	1.47E-03	0.00E+00	0.00E+00	1.47E-03
206	ALL		485375	3716725	NonCancer	0.00E+00	5.90E-06	0.00E+00	9.71E-07	9.71E-07	5.44E-05	1.63E-04	0.00E+00	1.37E-06	0.00E+00	9.71E-07	1.55E-03	0.00E+00	0.00E+00	1.55E-03
207	ALL		485425	3716725	NonCancer	0.00E+00	5.69E-06	0.00E+00	9.64E-07	9.64E-07	5.24E-05	1.57E-04	0.00E+00	1.32E-06	0.00E+00	9.64E-07	1.57E-03	0.00E+00	0.00E+00	1.57E-03
208	ALL		485475	3716725	NonCancer	0.00E+00	5.47E-06	0.00E+00	9.36E-07	9.36E-07	5.05E-05	1.52E-04	0.00E+00	1.27E-06	0.00E+00	9.36E-07	1.53E-03	0.00E+00	0.00E+00	1.53E-03
209	ALL		482925	3716775	NonCancer	0.00E+00	7.95E-06	0.00E+00	8.24E-07	8.24E-07	7.28E-05	2.49E-04	0.00E+00	1.84E-06	0.00E+00	8.24E-07	1.28E-03	0.00E+00	0.00E+00	1.28E-03
210	ALL		482975	3716775	NonCancer	0.00E+00	8.71E-06	0.00E+00	8.51E-07	8.51E-07	7.97E-05	2.76E-04	0.00E+00	2.02E-06	0.00E+00	8.51E-07	1.32E-03	0.00E+00	0.00E+00	1.32E-03
211	ALL		483025	3716775	NonCancer	0.00E+00	9.53E-06	0.00E+00	8.87E-07	8.87E-07	8.71E-05	3.05E-04	0.00E+00	2.21E-06	0.00E+00	8.87E-07	1.37E-03	0.00E+00	0.00E+00	1.37E-03
212	ALL		483075	3716775	NonCancer	0.00E+00	1.04E-05	0.00E+00	9.28E-07	9.28E-07	9.48E-05	3.35E-04	0.00E+00	2.41E-06	0.00E+00	9.28E-07	1.43E-03	0.00E+00	0.00E+00	1.43E-03
213	ALL		483125	3716775	NonCancer	0.00E+00	1.16E-05	0.00E+00	9.72E-07	9.72E-07	1.06E-04	3.80E-04	0.00E+00	2.69E-06	0.00E+00	9.72E-07	1.49E-03	0.00E+00	0.00E+00	1.49E-03
214	ALL		483175	3716775	NonCancer	0.00E+00	1.39E-05	0.00E+00	1.03E-06	1.03E-06	1.26E-04	4.65E-04	0.00E+00	3.21E-06	0.00E+00	1.03E-06	1.58E-03	0.00E+00	0.00E+00	1.58E-03
215	ALL		483225	3716775	NonCancer	0.00E+00	1.77E-05	0.00E+00	1.12E-06	1.12E-06	1.62E-04	6.12E-04	0.00E+00	4.12E-06	0.00E+00	1.12E-06	1.71E-03	0.00E+00	0.00E+00	1.71E-03
216	ALL		483275	3716775	NonCancer	0.00E+00	3.48E-05	0.00E+00	1.43E-06	1.43E-06	3.16E-04	1.27E-03	0.00E+00	8.07E-06	0.00E+00	1.43E-06	2.21E-03	0.00E+00	0.00E+00	2.21E-03
217	ALL		483325	3716775	NonCancer	0.00E+00	8.38E-05	0.00E+00	2.32E-06	2.32E-06	7.61E-04	3.15E-03	0.00E+00	1.94E-05	0.00E+00	2.32E-06	3.64E-03	0.00E+00	0.00E+00	3.64E-03
218	ALL		483375	3716775	NonCancer	0.00E+00	2.41E-05	0.00E+00	1.29E-06	1.29E-06	2.20E-04	8.50E-04	0.00E+00	5.59E-06	0.00E+00	1.29E-06	1.97E-03	0.00E+00	0.00E+00	1.97E-03
219	ALL		483425	3716775	NonCancer	0.00E+00	1.77E-05	0.00E+00	1.19E-06	1.19E-06	1.61E-04	5.99E-04	0.00E+00	4.10E-06	0.00E+00	1.19E-06	1.79E-03	0.00E+00	0.00E+00	1.79E-03
220	ALL		483475	3716775	NonCancer	0.00E+00	1.54E-05	0.00E+00	1.19E-06	1.19E-06	1.40E-04	5.04E-04	0.00E+00	3.57E-06	0.00E+00	1.19E-06	1.78E-03	0.00E+00	0.00E+00	1.78E-03
221	ALL		483525	3716775	NonCancer	0.00E+00	1.40E-05	0.00E+00	1.20E-06	1.20E-06	1.28E-04	4.48E-04	0.00E+00	3.26E-06	0.00E+00	1.20E-06	1.78E-03	0.00E+00	0.00E+00	1.78E-03
222	ALL		483575	3716775	NonCancer	0.00E+00	1.33E-05	0.00E+00	1.21E-06	1.21E-06	1.21E-04	4.15E-04	0.00E+00	3.08E-06	0.00E+00	1.21E-06	1.80E-03	0.00E+00	0.00E+00	1.80E-03
223	ALL		483625	3716775	NonCancer	0.00E+00	1.27E-05	0.00E+00	1.30E-06	1.30E-06	1.16E-04	3.85E-04	0.00E+00	2.94E-06	0.00E+00	1.30E-06	1.96E-03	0.00E+00	0.00E+00	1.96E-03
224	ALL		483675	3716775	NonCancer	0.00E+00	1.25E-05	0.00E+00	1.33E-06	1.33E-06	1.15E-04	3.75E-04	0.00E+00	2.90E-06	0.00E+00	1.33E-06	2.01E-03	0.00E+00	0.00E+00	2.01E-03
225	ALL		483725	3716775	NonCancer	0.00E+00	1.24E-05	0.00E+00	1.35E-06	1.35E-06	1.13E-04	3.66E-04	0.00E+00	2.87E-06	0.00E+00	1.35E-06	2.01E-03	0.00E+00	0.00E+00	2.01E-03

*HARP - HRACalc v19044 3/19/2020 1:54:21 PM - Chronic Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitChronicHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
226	ALL		483775	3716775	NonCancer	0.00E+00	1.23E-05	0.00E+00	1.39E-06	1.39E-06	1.13E-04	3.60E-04	0.00E+00	2.86E-06	0.00E+00	1.39E-06	2.08E-03	0.00E+00	0.00E+00	2.08E-03
227	ALL		483825	3716775	NonCancer	0.00E+00	1.23E-05	0.00E+00	1.37E-06	1.37E-06	1.12E-04	3.57E-04	0.00E+00	2.85E-06	0.00E+00	1.37E-06	2.01E-03	0.00E+00	0.00E+00	2.01E-03
228	ALL		483875	3716775	NonCancer	0.00E+00	1.22E-05	0.00E+00	1.40E-06	1.40E-06	1.12E-04	3.54E-04	0.00E+00	2.84E-06	0.00E+00	1.40E-06	2.06E-03	0.00E+00	0.00E+00	2.06E-03
229	ALL		483925	3716775	NonCancer	0.00E+00	1.22E-05	0.00E+00	1.42E-06	1.42E-06	1.12E-04	3.51E-04	0.00E+00	2.84E-06	0.00E+00	1.42E-06	2.09E-03	0.00E+00	0.00E+00	2.09E-03
230	ALL		483975	3716775	NonCancer	0.00E+00	1.22E-05	0.00E+00	1.43E-06	1.43E-06	1.12E-04	3.48E-04	0.00E+00	2.84E-06	0.00E+00	1.43E-06	2.09E-03	0.00E+00	0.00E+00	2.09E-03
231	ALL		484025	3716775	NonCancer	0.00E+00	1.22E-05	0.00E+00	1.46E-06	1.46E-06	1.12E-04	3.46E-04	0.00E+00	2.83E-06	0.00E+00	1.46E-06	2.15E-03	0.00E+00	0.00E+00	2.15E-03
232	ALL		484075	3716775	NonCancer	0.00E+00	1.21E-05	0.00E+00	1.47E-06	1.47E-06	1.11E-04	3.42E-04	0.00E+00	2.82E-06	0.00E+00	1.47E-06	2.15E-03	0.00E+00	0.00E+00	2.15E-03
233	ALL		484125	3716775	NonCancer	0.00E+00	1.20E-05	0.00E+00	1.47E-06	1.47E-06	1.10E-04	3.38E-04	0.00E+00	2.79E-06	0.00E+00	1.47E-06	2.15E-03	0.00E+00	0.00E+00	2.15E-03
234	ALL		484175	3716775	NonCancer	0.00E+00	1.19E-05	0.00E+00	1.47E-06	1.47E-06	1.09E-04	3.34E-04	0.00E+00	2.77E-06	0.00E+00	1.47E-06	2.15E-03	0.00E+00	0.00E+00	2.15E-03
235	ALL		484225	3716775	NonCancer	0.00E+00	1.18E-05	0.00E+00	1.47E-06	1.47E-06	1.08E-04	3.29E-04	0.00E+00	2.74E-06	0.00E+00	1.47E-06	2.14E-03	0.00E+00	0.00E+00	2.14E-03
236	ALL		484275	3716775	NonCancer	0.00E+00	1.16E-05	0.00E+00	1.46E-06	1.46E-06	1.07E-04	3.24E-04	0.00E+00	2.70E-06	0.00E+00	1.46E-06	2.12E-03	0.00E+00	0.00E+00	2.12E-03
237	ALL		484325	3716775	NonCancer	0.00E+00	1.14E-05	0.00E+00	1.45E-06	1.45E-06	1.05E-04	3.17E-04	0.00E+00	2.65E-06	0.00E+00	1.45E-06	2.12E-03	0.00E+00	0.00E+00	2.12E-03
238	ALL		484375	3716775	NonCancer	0.00E+00	1.13E-05	0.00E+00	1.48E-06	1.48E-06	1.03E-04	3.12E-04	0.00E+00	2.61E-06	0.00E+00	1.48E-06	2.20E-03	0.00E+00	0.00E+00	2.20E-03
239	ALL		484425	3716775	NonCancer	0.00E+00	1.12E-05	0.00E+00	1.47E-06	1.47E-06	1.03E-04	3.10E-04	0.00E+00	2.61E-06	0.00E+00	1.47E-06	2.15E-03	0.00E+00	0.00E+00	2.15E-03
240	ALL		484475	3716775	NonCancer	0.00E+00	1.12E-05	0.00E+00	1.48E-06	1.48E-06	1.03E-04	3.07E-04	0.00E+00	2.59E-06	0.00E+00	1.48E-06	2.16E-03	0.00E+00	0.00E+00	2.16E-03
241	ALL		484525	3716775	NonCancer	0.00E+00	1.10E-05	0.00E+00	1.48E-06	1.48E-06	1.01E-04	3.03E-04	0.00E+00	2.56E-06	0.00E+00	1.48E-06	2.17E-03	0.00E+00	0.00E+00	2.17E-03
242	ALL		484575	3716775	NonCancer	0.00E+00	1.08E-05	0.00E+00	1.62E-06	1.62E-06	9.94E-05	2.96E-04	0.00E+00	2.51E-06	0.00E+00	1.62E-06	2.58E-03	0.00E+00	0.00E+00	2.58E-03
243	ALL		484625	3716775	NonCancer	0.00E+00	1.05E-05	0.00E+00	1.64E-06	1.64E-06	9.69E-05	2.89E-04	0.00E+00	2.44E-06	0.00E+00	1.64E-06	2.66E-03	0.00E+00	0.00E+00	2.66E-03
244	ALL		484675	3716775	NonCancer	0.00E+00	1.02E-05	0.00E+00	1.49E-06	1.49E-06	9.35E-05	2.79E-04	0.00E+00	2.36E-06	0.00E+00	1.49E-06	2.31E-03	0.00E+00	0.00E+00	2.31E-03
245	ALL		484725	3716775	NonCancer	0.00E+00	9.76E-06	0.00E+00	1.35E-06	1.35E-06	8.97E-05	2.68E-04	0.00E+00	2.26E-06	0.00E+00	1.35E-06	1.98E-03	0.00E+00	0.00E+00	1.98E-03
246	ALL		484775	3716775	NonCancer	0.00E+00	9.78E-06	0.00E+00	1.43E-06	1.43E-06	8.99E-05	2.67E-04	0.00E+00	2.27E-06	0.00E+00	1.43E-06	2.14E-03	0.00E+00	0.00E+00	2.14E-03
247	ALL		484825	3716775	NonCancer	0.00E+00	9.36E-06	0.00E+00	1.36E-06	1.36E-06	8.61E-05	2.56E-04	0.00E+00	2.17E-06	0.00E+00	1.36E-06	2.02E-03	0.00E+00	0.00E+00	2.02E-03
248	ALL		484875	3716775	NonCancer	0.00E+00	9.00E-06	0.00E+00	1.30E-06	1.30E-06	8.28E-05	2.47E-04	0.00E+00	2.09E-06	0.00E+00	1.30E-06	1.93E-03	0.00E+00	0.00E+00	1.93E-03
249	ALL		484925	3716775	NonCancer	0.00E+00	8.66E-06	0.00E+00	1.26E-06	1.26E-06	7.96E-05	2.38E-04	0.00E+00	2.01E-06	0.00E+00	1.26E-06	1.86E-03	0.00E+00	0.00E+00	1.86E-03
250	ALL		484975	3716775	NonCancer	0.00E+00	8.28E-06	0.00E+00	1.27E-06	1.27E-06	7.62E-05	2.28E-04	0.00E+00	1.92E-06	0.00E+00	1.27E-06	1.96E-03	0.00E+00	0.00E+00	1.96E-03
251	ALL		485025	3716775	NonCancer	0.00E+00	7.84E-06	0.00E+00	1.35E-06	1.35E-06	7.23E-05	2.16E-04	0.00E+00	1.82E-06	0.00E+00	1.35E-06	2.29E-03	0.00E+00	0.00E+00	2.29E-03
252	ALL		485075	3716775	NonCancer	0.00E+00	7.44E-06	0.00E+00	1.38E-06	1.38E-06	6.88E-05	2.06E-04	0.00E+00	1.73E-06	0.00E+00	1.38E-06	2.45E-03	0.00E+00	0.00E+00	2.45E-03
253	ALL		485125	3716775	NonCancer	0.00E+00	7.21E-06	0.00E+00	1.36E-06	1.36E-06	6.66E-05	1.99E-04	0.00E+00	1.67E-06	0.00E+00	1.36E-06	2.43E-03	0.00E+00	0.00E+00	2.43E-03
254	ALL		485175	3716775	NonCancer	0.00E+00	6.98E-06	0.00E+00	1.27E-06	1.27E-06	6.44E-05	1.93E-04	0.00E+00	1.62E-06	0.00E+00	1.27E-06	2.21E-03	0.00E+00	0.00E+00	2.21E-03
255	ALL		485225	3716775	NonCancer	0.00E+00	6.73E-06	0.00E+00	1.14E-06	1.14E-06	6.21E-05	1.86E-04	0.00E+00	1.56E-06	0.00E+00	1.14E-06	1.86E-03	0.00E+00	0.00E+00	1.86E-03
256	ALL		485275	3716775	NonCancer	0.00E+00	6.49E-06	0.00E+00	1.02E-06	1.02E-06	5.97E-05	1.79E-04	0.00E+00	1.50E-06	0.00E+00	1.02E-06	1.58E-03	0.00E+00	0.00E+00	1.58E-03
257	ALL		485325	3716775	NonCancer	0.00E+00	6.28E-06	0.00E+00	1.04E-06	1.04E-06	5.78E-05	1.74E-04	0.00E+00	1.46E-06	0.00E+00	1.04E-06	1.67E-03	0.00E+00	0.00E+00	1.67E-03
258	ALL		485375	3716775	NonCancer	0.00E+00	6.06E-06	0.00E+00	1.03E-06	1.03E-06	5.59E-05	1.68E-04	0.00E+00	1.41E-06	0.00E+00	1.03E-06	1.70E-03	0.00E+00	0.00E+00	1.70E-03
259	ALL		485425	3716775	NonCancer	0.00E+00	5.84E-06	0.00E+00	1.01E-06	1.01E-06	5.38E-05	1.62E-04	0.00E+00	1.35E-06	0.00E+00	1.01E-06	1.66E-03	0.00E+00	0.00E+00	1.66E-03
260	ALL		485475	3716775	NonCancer	0.00E+00	5.63E-06	0.00E+00	9.74E-07	9.74E-07	5.20E-05	1.56E-04	0.00E+00	1.31E-06	0.00E+00	9.74E-07	1.61E-03	0.00E+00	0.00E+00	1.61E-03
261	ALL		482925	3716825	NonCancer	0.00E+00	7.88E-06	0.00E+00	8.48E-07	8.48E-07	7.22E-05	2.44E-04	0.00E+00	1.83E-06	0.00E+00	8.48E-07	1.32E-03	0.00E+00	0.00E+00	1.32E-03
262	ALL		482975	3716825	NonCancer	0.00E+00	8.29E-06	0.00E+00	8.96E-07	8.96E-07	7.59E-05	2.56E-04	0.00E+00	1.92E-06	0.00E+00	8.96E-07	1.40E-03	0.00E+00	0.00E+00	1.40E-03
263	ALL		483025	3716825	NonCancer	0.00E+00	8.89E-06	0.00E+00	9.34E-07	9.34E-07	8.14E-05	2.77E-04	0.00E+00	2.06E-06	0.00E+00	9.34E-07	1.46E-03	0.00E+00	0.00E+00	1.46E-03
264	ALL		483075	3716825	NonCancer	0.00E+00	9.82E-06	0.00E+00	9.68E-07	9.68E-07	8.98E-05	3.10E-04	0.00E+00	2.28E-06	0.00E+00	9.68E-07	1.50E-03	0.00E+00	0.00E+00	1.50E-03
265	ALL		483125	3716825	NonCancer	0.00E+00	1.11E-05	0.00E+00	1.01E-06	1.01E-06	1.01E-04	3.55E-04	0.00E+00	2.56E-06	0.00E+00	1.01E-06	1.56E-03	0.00E+00	0.00E+00	1.56E-03
266	ALL		483175	3716825	NonCancer	0.00E+00	1.35E-05	0.00E+00	1.05E-06	1.05E-06	1.23E-04	4.49E-04	0.00E+00	3.14E-06	0.00E+00	1.05E-06	1.61E-03	0.00E+00	0.00E+00	1.61E-03
267	ALL		483225	3716825	NonCancer	0.00E+00	1.74E-05	0.00E+00	1.13E-06	1.13E-06	1.59E-04	5.97E-04	0.00E+00	4.04E-06	0.00E+00	1.13E-06	1.72E-03	0.00E+00	0.00E+00	1.72E-03
268	ALL		483275	3716825	NonCancer	0.00E+00	2.69E-05	0.00E+00	1.32E-06	1.32E-06	2.45E-04	9.60E-04	0.00E+00	6.24E-06	0.00E+00	1.32E-06	2.03E-03	0.00E+00	0.00E+00	2.03E-03
269	ALL		483325	3716825	NonCancer	0.00E+00	8.37E-05	0.00E+00	2.35E-06	2.35E-06	7.60E-04	3.15E-03	0.00E+00	1.94E-05	0.00E+00	2.35E-06	3.68E-03	0.00E+00	0.00E+00	3.68E-03
270	ALL		483375	3716825	NonCancer	0.00E+00	2.94E-05	0.00E+00	1.43E-06	1.43E-06	2.68E-04	1.05E-03	0.00E+00	6.82E-06	0.00E+00	1.43E-06	2.19E-03	0.00E+00	0.00E+00	2.19E-03

*HARP - HRACalc v19044 3/19/2020 1:54:21 PM - Chronic Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitChronicHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
271	ALL		483425	3716825	NonCancer	0.00E+00	1.96E-05	0.00E+00	1.27E-06	1.27E-06	1.78E-04	6.66E-04	0.00E+00	4.54E-06	0.00E+00	1.27E-06	1.93E-03	0.00E+00	0.00E+00	1.93E-03
272	ALL		483475	3716825	NonCancer	0.00E+00	1.66E-05	0.00E+00	1.27E-06	1.27E-06	1.52E-04	5.47E-04	0.00E+00	3.86E-06	0.00E+00	1.27E-06	1.89E-03	0.00E+00	0.00E+00	1.89E-03
273	ALL		483525	3716825	NonCancer	0.00E+00	1.47E-05	0.00E+00	1.30E-06	1.30E-06	1.35E-04	4.66E-04	0.00E+00	3.42E-06	0.00E+00	1.30E-06	1.95E-03	0.00E+00	0.00E+00	1.95E-03
274	ALL		483575	3716825	NonCancer	0.00E+00	1.40E-05	0.00E+00	1.31E-06	1.31E-06	1.28E-04	4.36E-04	0.00E+00	3.26E-06	0.00E+00	1.31E-06	1.94E-03	0.00E+00	0.00E+00	1.94E-03
275	ALL		483625	3716825	NonCancer	0.00E+00	1.35E-05	0.00E+00	1.39E-06	1.39E-06	1.23E-04	4.07E-04	0.00E+00	3.13E-06	0.00E+00	1.39E-06	2.09E-03	0.00E+00	0.00E+00	2.09E-03
276	ALL		483675	3716825	NonCancer	0.00E+00	1.33E-05	0.00E+00	1.47E-06	1.47E-06	1.22E-04	3.93E-04	0.00E+00	3.08E-06	0.00E+00	1.47E-06	2.24E-03	0.00E+00	0.00E+00	2.24E-03
277	ALL		483725	3716825	NonCancer	0.00E+00	1.33E-05	0.00E+00	1.51E-06	1.51E-06	1.22E-04	3.89E-04	0.00E+00	3.08E-06	0.00E+00	1.51E-06	2.30E-03	0.00E+00	0.00E+00	2.30E-03
278	ALL		483775	3716825	NonCancer	0.00E+00	1.33E-05	0.00E+00	1.52E-06	1.52E-06	1.22E-04	3.86E-04	0.00E+00	3.08E-06	0.00E+00	1.52E-06	2.30E-03	0.00E+00	0.00E+00	2.30E-03
279	ALL		483825	3716825	NonCancer	0.00E+00	1.32E-05	0.00E+00	1.48E-06	1.48E-06	1.21E-04	3.81E-04	0.00E+00	3.06E-06	0.00E+00	1.48E-06	2.17E-03	0.00E+00	0.00E+00	2.17E-03
280	ALL		483875	3716825	NonCancer	0.00E+00	1.32E-05	0.00E+00	1.51E-06	1.51E-06	1.21E-04	3.78E-04	0.00E+00	3.06E-06	0.00E+00	1.51E-06	2.23E-03	0.00E+00	0.00E+00	2.23E-03
281	ALL		483925	3716825	NonCancer	0.00E+00	1.33E-05	0.00E+00	1.56E-06	1.56E-06	1.22E-04	3.77E-04	0.00E+00	3.08E-06	0.00E+00	1.56E-06	2.31E-03	0.00E+00	0.00E+00	2.31E-03
282	ALL		483975	3716825	NonCancer	0.00E+00	1.33E-05	0.00E+00	1.56E-06	1.56E-06	1.22E-04	3.75E-04	0.00E+00	3.08E-06	0.00E+00	1.56E-06	2.29E-03	0.00E+00	0.00E+00	2.29E-03
283	ALL		484025	3716825	NonCancer	0.00E+00	1.33E-05	0.00E+00	1.60E-06	1.60E-06	1.22E-04	3.74E-04	0.00E+00	3.08E-06	0.00E+00	1.60E-06	2.35E-03	0.00E+00	0.00E+00	2.35E-03
284	ALL		484075	3716825	NonCancer	0.00E+00	1.32E-05	0.00E+00	1.60E-06	1.60E-06	1.21E-04	3.70E-04	0.00E+00	3.07E-06	0.00E+00	1.60E-06	2.35E-03	0.00E+00	0.00E+00	2.35E-03
285	ALL		484125	3716825	NonCancer	0.00E+00	1.31E-05	0.00E+00	1.60E-06	1.60E-06	1.20E-04	3.66E-04	0.00E+00	3.04E-06	0.00E+00	1.60E-06	2.33E-03	0.00E+00	0.00E+00	2.33E-03
286	ALL		484175	3716825	NonCancer	0.00E+00	1.29E-05	0.00E+00	1.59E-06	1.59E-06	1.19E-04	3.60E-04	0.00E+00	3.00E-06	0.00E+00	1.59E-06	2.32E-03	0.00E+00	0.00E+00	2.32E-03
287	ALL		484225	3716825	NonCancer	0.00E+00	1.28E-05	0.00E+00	1.59E-06	1.59E-06	1.18E-04	3.56E-04	0.00E+00	2.98E-06	0.00E+00	1.59E-06	2.31E-03	0.00E+00	0.00E+00	2.31E-03
288	ALL		484275	3716825	NonCancer	0.00E+00	1.27E-05	0.00E+00	1.59E-06	1.59E-06	1.16E-04	3.51E-04	0.00E+00	2.94E-06	0.00E+00	1.59E-06	2.30E-03	0.00E+00	0.00E+00	2.30E-03
289	ALL		484325	3716825	NonCancer	0.00E+00	1.24E-05	0.00E+00	1.57E-06	1.57E-06	1.14E-04	3.42E-04	0.00E+00	2.87E-06	0.00E+00	1.57E-06	2.28E-03	0.00E+00	0.00E+00	2.28E-03
290	ALL		484375	3716825	NonCancer	0.00E+00	1.21E-05	0.00E+00	1.60E-06	1.60E-06	1.11E-04	3.35E-04	0.00E+00	2.81E-06	0.00E+00	1.60E-06	2.38E-03	0.00E+00	0.00E+00	2.38E-03
291	ALL		484425	3716825	NonCancer	0.00E+00	1.20E-05	0.00E+00	1.57E-06	1.57E-06	1.10E-04	3.31E-04	0.00E+00	2.79E-06	0.00E+00	1.57E-06	2.29E-03	0.00E+00	0.00E+00	2.29E-03
292	ALL		484475	3716825	NonCancer	0.00E+00	1.19E-05	0.00E+00	1.57E-06	1.57E-06	1.09E-04	3.27E-04	0.00E+00	2.76E-06	0.00E+00	1.57E-06	2.29E-03	0.00E+00	0.00E+00	2.29E-03
293	ALL		484525	3716825	NonCancer	0.00E+00	1.18E-05	0.00E+00	1.63E-06	1.63E-06	1.09E-04	3.24E-04	0.00E+00	2.74E-06	0.00E+00	1.63E-06	2.45E-03	0.00E+00	0.00E+00	2.45E-03
294	ALL		484575	3716825	NonCancer	0.00E+00	1.18E-05	0.00E+00	1.82E-06	1.82E-06	1.09E-04	3.22E-04	0.00E+00	2.74E-06	0.00E+00	1.82E-06	2.92E-03	0.00E+00	0.00E+00	2.92E-03
295	ALL		484625	3716825	NonCancer	0.00E+00	1.15E-05	0.00E+00	1.78E-06	1.78E-06	1.06E-04	3.13E-04	0.00E+00	2.67E-06	0.00E+00	1.78E-06	2.86E-03	0.00E+00	0.00E+00	2.86E-03
296	ALL		484675	3716825	NonCancer	0.00E+00	1.11E-05	0.00E+00	1.59E-06	1.59E-06	1.02E-04	3.02E-04	0.00E+00	2.57E-06	0.00E+00	1.59E-06	2.38E-03	0.00E+00	0.00E+00	2.38E-03
297	ALL		484725	3716825	NonCancer	0.00E+00	1.06E-05	0.00E+00	1.50E-06	1.50E-06	9.76E-05	2.90E-04	0.00E+00	2.46E-06	0.00E+00	1.50E-06	2.22E-03	0.00E+00	0.00E+00	2.22E-03
298	ALL		484775	3716825	NonCancer	0.00E+00	1.02E-05	0.00E+00	1.45E-06	1.45E-06	9.41E-05	2.80E-04	0.00E+00	2.37E-06	0.00E+00	1.45E-06	2.13E-03	0.00E+00	0.00E+00	2.13E-03
299	ALL		484825	3716825	NonCancer	0.00E+00	9.92E-06	0.00E+00	1.44E-06	1.44E-06	9.12E-05	2.71E-04	0.00E+00	2.30E-06	0.00E+00	1.44E-06	2.14E-03	0.00E+00	0.00E+00	2.14E-03
300	ALL		484875	3716825	NonCancer	0.00E+00	9.54E-06	0.00E+00	1.39E-06	1.39E-06	8.77E-05	2.61E-04	0.00E+00	2.21E-06	0.00E+00	1.39E-06	2.05E-03	0.00E+00	0.00E+00	2.05E-03
301	ALL		484925	3716825	NonCancer	0.00E+00	9.18E-06	0.00E+00	1.35E-06	1.35E-06	8.45E-05	2.51E-04	0.00E+00	2.13E-06	0.00E+00	1.35E-06	1.99E-03	0.00E+00	0.00E+00	1.99E-03
302	ALL		484975	3716825	NonCancer	0.00E+00	8.79E-06	0.00E+00	1.47E-06	1.47E-06	8.10E-05	2.41E-04	0.00E+00	2.04E-06	0.00E+00	1.47E-06	2.42E-03	0.00E+00	0.00E+00	2.42E-03
303	ALL		485025	3716825	NonCancer	0.00E+00	8.32E-06	0.00E+00	1.52E-06	1.52E-06	7.68E-05	2.29E-04	0.00E+00	1.93E-06	0.00E+00	1.52E-06	2.66E-03	0.00E+00	0.00E+00	2.66E-03
304	ALL		485075	3716825	NonCancer	0.00E+00	7.86E-06	0.00E+00	1.49E-06	1.49E-06	7.26E-05	2.17E-04	0.00E+00	1.82E-06	0.00E+00	1.49E-06	2.65E-03	0.00E+00	0.00E+00	2.65E-03
305	ALL		485125	3716825	NonCancer	0.00E+00	7.55E-06	0.00E+00	1.40E-06	1.40E-06	6.97E-05	2.08E-04	0.00E+00	1.75E-06	0.00E+00	1.40E-06	2.45E-03	0.00E+00	0.00E+00	2.45E-03
306	ALL		485175	3716825	NonCancer	0.00E+00	7.25E-06	0.00E+00	1.25E-06	1.25E-06	6.68E-05	2.00E-04	0.00E+00	1.68E-06	0.00E+00	1.25E-06	2.08E-03	0.00E+00	0.00E+00	2.08E-03
307	ALL		485225	3716825	NonCancer	0.00E+00	6.97E-06	0.00E+00	1.10E-06	1.10E-06	6.42E-05	1.92E-04	0.00E+00	1.62E-06	0.00E+00	1.10E-06	1.71E-03	0.00E+00	0.00E+00	1.71E-03
308	ALL		485275	3716825	NonCancer	0.00E+00	6.70E-06	0.00E+00	1.12E-06	1.12E-06	6.18E-05	1.85E-04	0.00E+00	1.56E-06	0.00E+00	1.12E-06	1.81E-03	0.00E+00	0.00E+00	1.81E-03
309	ALL		485325	3716825	NonCancer	0.00E+00	6.46E-06	0.00E+00	1.11E-06	1.11E-06	5.95E-05	1.78E-04	0.00E+00	1.50E-06	0.00E+00	1.11E-06	1.83E-03	0.00E+00	0.00E+00	1.83E-03
310	ALL		485375	3716825	NonCancer	0.00E+00	6.23E-06	0.00E+00	1.08E-06	1.08E-06	5.74E-05	1.72E-04	0.00E+00	1.44E-06	0.00E+00	1.08E-06	1.79E-03	0.00E+00	0.00E+00	1.79E-03
311	ALL		485425	3716825	NonCancer	0.00E+00	5.99E-06	0.00E+00	1.04E-06	1.04E-06	5.53E-05	1.66E-04	0.00E+00	1.39E-06	0.00E+00	1.04E-06	1.71E-03	0.00E+00	0.00E+00	1.71E-03
312	ALL		485475	3716825	NonCancer	0.00E+00	5.84E-06	0.00E+00	9.91E-07	9.91E-07	5.39E-05	1.61E-04	0.00E+00	1.36E-06	0.00E+00	9.91E-07	1.60E-03	0.00E+00	0.00E+00	1.60E-03
313	ALL		482925	3716875	NonCancer	0.00E+00	8.11E-06	0.00E+00	8.66E-07	8.66E-07	7.43E-05	2.51E-04	0.00E+00	1.88E-06	0.00E+00	8.66E-07	1.34E-03	0.00E+00	0.00E+00	1.34E-03
314	ALL		482975	3716875	NonCancer	0.00E+00	8.57E-06	0.00E+00	9.07E-07	9.07E-07	7.85E-05	2.65E-04	0.00E+00	1.99E-06	0.00E+00	9.07E-07	1.40E-03	0.00E+00	0.00E+00	1.40E-03
315	ALL		483025	3716875	NonCancer	0.00E+00	8.87E-06	0.00E+00	9.63E-07	9.63E-07	8.13E-05	2.74E-04	0.00E+00	2.06E-06	0.00E+00	9.63E-07	1.51E-03	0.00E+00	0.00E+00	1.51E-03

*HARP - HRACalc v19044 3/19/2020 1:54:21 PM - Chronic Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitChronicHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
316	ALL		483075	3716875	NonCancer	0.00E+00	9.38E-06	0.00E+00	1.01E-06	1.01E-06	8.59E-05	2.90E-04	0.00E+00	2.18E-06	0.00E+00	1.01E-06	1.59E-03	0.00E+00	0.00E+00	1.59E-03
317	ALL		483125	3716875	NonCancer	0.00E+00	1.07E-05	0.00E+00	1.05E-06	1.05E-06	9.75E-05	3.37E-04	0.00E+00	2.47E-06	0.00E+00	1.05E-06	1.62E-03	0.00E+00	0.00E+00	1.62E-03
318	ALL		483175	3716875	NonCancer	0.00E+00	1.31E-05	0.00E+00	1.08E-06	1.08E-06	1.20E-04	4.30E-04	0.00E+00	3.05E-06	0.00E+00	1.08E-06	1.66E-03	0.00E+00	0.00E+00	1.66E-03
319	ALL		483225	3716875	NonCancer	0.00E+00	1.57E-05	0.00E+00	1.15E-06	1.15E-06	1.43E-04	5.26E-04	0.00E+00	3.64E-06	0.00E+00	1.15E-06	1.76E-03	0.00E+00	0.00E+00	1.76E-03
320	ALL		483275	3716875	NonCancer	0.00E+00	2.11E-05	0.00E+00	1.28E-06	1.28E-06	1.92E-04	7.31E-04	0.00E+00	4.90E-06	0.00E+00	1.28E-06	1.96E-03	0.00E+00	0.00E+00	1.96E-03
321	ALL		483325	3716875	NonCancer	0.00E+00	6.95E-05	0.00E+00	2.15E-06	2.15E-06	6.31E-04	2.59E-03	0.00E+00	1.61E-05	0.00E+00	2.15E-06	3.34E-03	0.00E+00	0.00E+00	3.34E-03
322	ALL		483375	3716875	NonCancer	0.00E+00	4.19E-05	0.00E+00	1.69E-06	1.69E-06	3.81E-04	1.53E-03	0.00E+00	9.72E-06	0.00E+00	1.69E-06	2.59E-03	0.00E+00	0.00E+00	2.59E-03
323	ALL		483425	3716875	NonCancer	0.00E+00	2.22E-05	0.00E+00	1.37E-06	1.37E-06	2.02E-04	7.61E-04	0.00E+00	5.14E-06	0.00E+00	1.37E-06	2.07E-03	0.00E+00	0.00E+00	2.07E-03
324	ALL		483475	3716875	NonCancer	0.00E+00	1.75E-05	0.00E+00	1.38E-06	1.38E-06	1.60E-04	5.73E-04	0.00E+00	4.07E-06	0.00E+00	1.38E-06	2.08E-03	0.00E+00	0.00E+00	2.08E-03
325	ALL		483525	3716875	NonCancer	0.00E+00	1.52E-05	0.00E+00	1.41E-06	1.41E-06	1.39E-04	4.74E-04	0.00E+00	3.52E-06	0.00E+00	1.41E-06	2.15E-03	0.00E+00	0.00E+00	2.15E-03
326	ALL		483575	3716875	NonCancer	0.00E+00	1.43E-05	0.00E+00	1.48E-06	1.48E-06	1.31E-04	4.34E-04	0.00E+00	3.31E-06	0.00E+00	1.48E-06	2.26E-03	0.00E+00	0.00E+00	2.26E-03
327	ALL		483625	3716875	NonCancer	0.00E+00	1.41E-05	0.00E+00	1.52E-06	1.52E-06	1.29E-04	4.21E-04	0.00E+00	3.27E-06	0.00E+00	1.52E-06	2.31E-03	0.00E+00	0.00E+00	2.31E-03
328	ALL		483675	3716875	NonCancer	0.00E+00	1.30E-05	0.00E+00	1.59E-06	1.59E-06	1.19E-04	3.82E-04	0.00E+00	3.02E-06	0.00E+00	1.59E-06	2.46E-03	0.00E+00	0.00E+00	2.46E-03
329	ALL		483725	3716875	NonCancer	0.00E+00	1.36E-05	0.00E+00	1.65E-06	1.65E-06	1.25E-04	3.95E-04	0.00E+00	3.15E-06	0.00E+00	1.65E-06	2.55E-03	0.00E+00	0.00E+00	2.55E-03
330	ALL		483775	3716875	NonCancer	0.00E+00	1.43E-05	0.00E+00	1.62E-06	1.62E-06	1.31E-04	4.13E-04	0.00E+00	3.31E-06	0.00E+00	1.62E-06	2.44E-03	0.00E+00	0.00E+00	2.44E-03
331	ALL		483825	3716875	NonCancer	0.00E+00	1.42E-05	0.00E+00	1.61E-06	1.61E-06	1.30E-04	4.08E-04	0.00E+00	3.29E-06	0.00E+00	1.61E-06	2.38E-03	0.00E+00	0.00E+00	2.38E-03
332	ALL		483875	3716875	NonCancer	0.00E+00	1.45E-05	0.00E+00	1.71E-06	1.71E-06	1.33E-04	4.12E-04	0.00E+00	3.36E-06	0.00E+00	1.71E-06	2.56E-03	0.00E+00	0.00E+00	2.56E-03
333	ALL		483925	3716875	NonCancer	0.00E+00	1.46E-05	0.00E+00	1.77E-06	1.77E-06	1.34E-04	4.13E-04	0.00E+00	3.39E-06	0.00E+00	1.77E-06	2.66E-03	0.00E+00	0.00E+00	2.66E-03
334	ALL		483975	3716875	NonCancer	0.00E+00	1.47E-05	0.00E+00	1.78E-06	1.78E-06	1.35E-04	4.11E-04	0.00E+00	3.40E-06	0.00E+00	1.78E-06	2.66E-03	0.00E+00	0.00E+00	2.66E-03
335	ALL		484025	3716875	NonCancer	0.00E+00	1.47E-05	0.00E+00	1.79E-06	1.79E-06	1.34E-04	4.09E-04	0.00E+00	3.40E-06	0.00E+00	1.79E-06	2.66E-03	0.00E+00	0.00E+00	2.66E-03
336	ALL		484075	3716875	NonCancer	0.00E+00	1.45E-05	0.00E+00	1.77E-06	1.77E-06	1.33E-04	4.03E-04	0.00E+00	3.36E-06	0.00E+00	1.77E-06	2.59E-03	0.00E+00	0.00E+00	2.59E-03
337	ALL		484125	3716875	NonCancer	0.00E+00	1.44E-05	0.00E+00	1.76E-06	1.76E-06	1.32E-04	3.99E-04	0.00E+00	3.34E-06	0.00E+00	1.76E-06	2.58E-03	0.00E+00	0.00E+00	2.58E-03
338	ALL		484175	3716875	NonCancer	0.00E+00	1.41E-05	0.00E+00	1.73E-06	1.73E-06	1.30E-04	3.91E-04	0.00E+00	3.28E-06	0.00E+00	1.73E-06	2.52E-03	0.00E+00	0.00E+00	2.52E-03
339	ALL		484225	3716875	NonCancer	0.00E+00	1.41E-05	0.00E+00	1.74E-06	1.74E-06	1.29E-04	3.88E-04	0.00E+00	3.26E-06	0.00E+00	1.74E-06	2.53E-03	0.00E+00	0.00E+00	2.53E-03
340	ALL		484275	3716875	NonCancer	0.00E+00	1.39E-05	0.00E+00	1.74E-06	1.74E-06	1.28E-04	3.83E-04	0.00E+00	3.23E-06	0.00E+00	1.74E-06	2.51E-03	0.00E+00	0.00E+00	2.51E-03
341	ALL		484325	3716875	NonCancer	0.00E+00	1.36E-05	0.00E+00	1.71E-06	1.71E-06	1.25E-04	3.73E-04	0.00E+00	3.15E-06	0.00E+00	1.71E-06	2.48E-03	0.00E+00	0.00E+00	2.48E-03
342	ALL		484375	3716875	NonCancer	0.00E+00	1.32E-05	0.00E+00	1.74E-06	1.74E-06	1.21E-04	3.63E-04	0.00E+00	3.06E-06	0.00E+00	1.74E-06	2.60E-03	0.00E+00	0.00E+00	2.60E-03
343	ALL		484425	3716875	NonCancer	0.00E+00	1.30E-05	0.00E+00	1.68E-06	1.68E-06	1.19E-04	3.56E-04	0.00E+00	3.01E-06	0.00E+00	1.68E-06	2.44E-03	0.00E+00	0.00E+00	2.44E-03
344	ALL		484475	3716875	NonCancer	0.00E+00	1.28E-05	0.00E+00	1.68E-06	1.68E-06	1.18E-04	3.51E-04	0.00E+00	2.97E-06	0.00E+00	1.68E-06	2.44E-03	0.00E+00	0.00E+00	2.44E-03
345	ALL		484525	3716875	NonCancer	0.00E+00	1.27E-05	0.00E+00	1.82E-06	1.82E-06	1.17E-04	3.48E-04	0.00E+00	2.96E-06	0.00E+00	1.82E-06	2.81E-03	0.00E+00	0.00E+00	2.81E-03
346	ALL		484575	3716875	NonCancer	0.00E+00	1.26E-05	0.00E+00	1.96E-06	1.96E-06	1.16E-04	3.44E-04	0.00E+00	2.93E-06	0.00E+00	1.96E-06	3.19E-03	0.00E+00	0.00E+00	3.19E-03
347	ALL		484625	3716875	NonCancer	0.00E+00	1.32E-05	0.00E+00	1.91E-06	1.91E-06	1.21E-04	3.56E-04	0.00E+00	3.05E-06	0.00E+00	1.91E-06	3.01E-03	0.00E+00	0.00E+00	3.01E-03
348	ALL		484675	3716875	NonCancer	0.00E+00	1.28E-05	0.00E+00	1.80E-06	1.80E-06	1.18E-04	3.47E-04	0.00E+00	2.97E-06	0.00E+00	1.80E-06	2.75E-03	0.00E+00	0.00E+00	2.75E-03
349	ALL		484725	3716875	NonCancer	0.00E+00	1.16E-05	0.00E+00	1.70E-06	1.70E-06	1.07E-04	3.15E-04	0.00E+00	2.69E-06	0.00E+00	1.70E-06	2.56E-03	0.00E+00	0.00E+00	2.56E-03
350	ALL		484775	3716875	NonCancer	0.00E+00	1.11E-05	0.00E+00	1.62E-06	1.62E-06	1.02E-04	3.01E-04	0.00E+00	2.56E-06	0.00E+00	1.62E-06	2.42E-03	0.00E+00	0.00E+00	2.42E-03
351	ALL		484825	3716875	NonCancer	0.00E+00	1.06E-05	0.00E+00	1.53E-06	1.53E-06	9.70E-05	2.88E-04	0.00E+00	2.45E-06	0.00E+00	1.53E-06	2.26E-03	0.00E+00	0.00E+00	2.26E-03
352	ALL		484875	3716875	NonCancer	0.00E+00	1.00E-05	0.00E+00	1.45E-06	1.45E-06	9.24E-05	2.74E-04	0.00E+00	2.33E-06	0.00E+00	1.45E-06	2.13E-03	0.00E+00	0.00E+00	2.13E-03
353	ALL		484925	3716875	NonCancer	0.00E+00	9.56E-06	0.00E+00	1.54E-06	1.54E-06	8.80E-05	2.62E-04	0.00E+00	2.22E-06	0.00E+00	1.54E-06	2.48E-03	0.00E+00	0.00E+00	2.48E-03
354	ALL		484975	3716875	NonCancer	0.00E+00	9.16E-06	0.00E+00	1.64E-06	1.64E-06	8.45E-05	2.51E-04	0.00E+00	2.12E-06	0.00E+00	1.64E-06	2.83E-03	0.00E+00	0.00E+00	2.83E-03
355	ALL		485025	3716875	NonCancer	0.00E+00	8.68E-06	0.00E+00	1.64E-06	1.64E-06	8.02E-05	2.39E-04	0.00E+00	2.01E-06	0.00E+00	1.64E-06	2.92E-03	0.00E+00	0.00E+00	2.92E-03
356	ALL		485075	3716875	NonCancer	0.00E+00	8.28E-06	0.00E+00	1.55E-06	1.55E-06	7.65E-05	2.28E-04	0.00E+00	1.92E-06	0.00E+00	1.55E-06	2.73E-03	0.00E+00	0.00E+00	2.73E-03
357	ALL		485125	3716875	NonCancer	0.00E+00	7.94E-06	0.00E+00	1.39E-06	1.39E-06	7.33E-05	2.19E-04	0.00E+00	1.84E-06	0.00E+00	1.39E-06	2.34E-03	0.00E+00	0.00E+00	2.34E-03
358	ALL		485175	3716875	NonCancer	0.00E+00	7.58E-06	0.00E+00	1.20E-06	1.20E-06	6.98E-05	2.09E-04	0.00E+00	1.76E-06	0.00E+00	1.20E-06	1.86E-03	0.00E+00	0.00E+00	1.86E-03
359	ALL		485225	3716875	NonCancer	0.00E+00	7.24E-06	0.00E+00	1.21E-06	1.21E-06	6.67E-05	2.00E-04	0.00E+00	1.68E-06	0.00E+00	1.21E-06	1.97E-03	0.00E+00	0.00E+00	1.97E-03
360	ALL		485275	3716875	NonCancer	0.00E+00	6.95E-06	0.00E+00	1.21E-06	1.21E-06	6.42E-05	1.92E-04	0.00E+00	1.61E-06	0.00E+00	1.21E-06	2.00E-03	0.00E+00	0.00E+00	2.00E-03

*HARP - HRACalc v19044 3/19/2020 1:54:21 PM - Chronic Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitChronicHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
361	ALL		485325	3716875	NonCancer	0.00E+00	6.68E-06	0.00E+00	1.17E-06	1.17E-06	6.16E-05	1.84E-04	0.00E+00	1.55E-06	0.00E+00	1.17E-06	1.95E-03	0.00E+00	0.00E+00	1.95E-03
362	ALL		485375	3716875	NonCancer	0.00E+00	6.41E-06	0.00E+00	1.11E-06	1.11E-06	5.91E-05	1.77E-04	0.00E+00	1.49E-06	0.00E+00	1.11E-06	1.83E-03	0.00E+00	0.00E+00	1.83E-03
363	ALL		485425	3716875	NonCancer	0.00E+00	6.16E-06	0.00E+00	1.04E-06	1.04E-06	5.68E-05	1.70E-04	0.00E+00	1.43E-06	0.00E+00	1.04E-06	1.68E-03	0.00E+00	0.00E+00	1.68E-03
364	ALL		485475	3716875	NonCancer	0.00E+00	5.97E-06	0.00E+00	9.55E-07	9.55E-07	5.50E-05	1.65E-04	0.00E+00	1.38E-06	0.00E+00	9.55E-07	1.47E-03	0.00E+00	0.00E+00	1.47E-03
365	ALL		482925	3716925	NonCancer	0.00E+00	7.72E-06	0.00E+00	9.15E-07	9.15E-07	7.08E-05	2.33E-04	0.00E+00	1.79E-06	0.00E+00	9.15E-07	1.44E-03	0.00E+00	0.00E+00	1.44E-03
366	ALL		482975	3716925	NonCancer	0.00E+00	8.20E-06	0.00E+00	9.57E-07	9.57E-07	7.52E-05	2.48E-04	0.00E+00	1.90E-06	0.00E+00	9.57E-07	1.51E-03	0.00E+00	0.00E+00	1.51E-03
367	ALL		483025	3716925	NonCancer	0.00E+00	8.71E-06	0.00E+00	1.00E-06	1.00E-06	7.98E-05	2.65E-04	0.00E+00	2.02E-06	0.00E+00	1.00E-06	1.57E-03	0.00E+00	0.00E+00	1.57E-03
368	ALL		483075	3716925	NonCancer	0.00E+00	9.73E-06	0.00E+00	1.03E-06	1.03E-06	8.91E-05	3.01E-04	0.00E+00	2.26E-06	0.00E+00	1.03E-06	1.60E-03	0.00E+00	0.00E+00	1.60E-03
369	ALL		483125	3716925	NonCancer	0.00E+00	1.11E-05	0.00E+00	1.07E-06	1.07E-06	1.01E-04	3.50E-04	0.00E+00	2.57E-06	0.00E+00	1.07E-06	1.65E-03	0.00E+00	0.00E+00	1.65E-03
370	ALL		483175	3716925	NonCancer	0.00E+00	1.23E-05	0.00E+00	1.12E-06	1.12E-06	1.13E-04	3.95E-04	0.00E+00	2.86E-06	0.00E+00	1.12E-06	1.72E-03	0.00E+00	0.00E+00	1.72E-03
371	ALL		483225	3716925	NonCancer	0.00E+00	1.50E-05	0.00E+00	1.18E-06	1.18E-06	1.37E-04	4.94E-04	0.00E+00	3.47E-06	0.00E+00	1.18E-06	1.81E-03	0.00E+00	0.00E+00	1.81E-03
372	ALL		483275	3716925	NonCancer	0.00E+00	1.98E-05	0.00E+00	1.28E-06	1.28E-06	1.81E-04	6.79E-04	0.00E+00	4.60E-06	0.00E+00	1.28E-06	1.94E-03	0.00E+00	0.00E+00	1.94E-03
373	ALL		483325	3716925	NonCancer	0.00E+00	3.45E-05	0.00E+00	1.57E-06	1.57E-06	3.14E-04	1.24E-03	0.00E+00	8.00E-06	0.00E+00	1.57E-06	2.41E-03	0.00E+00	0.00E+00	2.41E-03
374	ALL		483375	3716925	NonCancer	0.00E+00	1.06E-04	0.00E+00	2.86E-06	2.86E-06	9.63E-04	3.99E-03	0.00E+00	2.46E-05	0.00E+00	2.86E-06	4.47E-03	0.00E+00	0.00E+00	4.47E-03
375	ALL		483425	3716925	NonCancer	0.00E+00	2.76E-05	0.00E+00	1.51E-06	1.51E-06	2.51E-04	9.64E-04	0.00E+00	6.40E-06	0.00E+00	1.51E-06	2.29E-03	0.00E+00	0.00E+00	2.29E-03
376	ALL		483475	3716925	NonCancer	0.00E+00	1.93E-05	0.00E+00	1.47E-06	1.47E-06	1.76E-04	6.35E-04	0.00E+00	4.48E-06	0.00E+00	1.47E-06	2.24E-03	0.00E+00	0.00E+00	2.24E-03
377	ALL		483525	3716925	NonCancer	0.00E+00	1.58E-05	0.00E+00	1.53E-06	1.53E-06	1.45E-04	4.91E-04	0.00E+00	3.67E-06	0.00E+00	1.53E-06	2.36E-03	0.00E+00	0.00E+00	2.36E-03
378	ALL		483575	3716925	NonCancer	0.00E+00	1.32E-05	0.00E+00	1.56E-06	1.56E-06	1.21E-04	4.04E-04	0.00E+00	3.07E-06	0.00E+00	1.56E-06	2.41E-03	0.00E+00	0.00E+00	2.41E-03
379	ALL		483625	3716925	NonCancer	0.00E+00	1.24E-05	0.00E+00	2.12E-06	2.12E-06	1.14E-04	3.73E-04	0.00E+00	2.88E-06	0.00E+00	2.12E-06	4.05E-03	0.00E+00	0.00E+00	4.05E-03
380	ALL		483675	3716925	NonCancer	0.00E+00	1.17E-05	0.00E+00	2.69E-06	2.69E-06	1.08E-04	3.49E-04	0.00E+00	2.71E-06	0.00E+00	2.69E-06	5.78E-03	0.00E+00	0.00E+00	5.78E-03
381	ALL		483725	3716925	NonCancer	0.00E+00	1.46E-05	0.00E+00	1.75E-06	1.75E-06	1.34E-04	4.23E-04	0.00E+00	3.39E-06	0.00E+00	1.75E-06	2.69E-03	0.00E+00	0.00E+00	2.69E-03
382	ALL		483775	3716925	NonCancer	0.00E+00	1.53E-05	0.00E+00	1.79E-06	1.79E-06	1.40E-04	4.40E-04	0.00E+00	3.55E-06	0.00E+00	1.79E-06	2.74E-03	0.00E+00	0.00E+00	2.74E-03
383	ALL		483825	3716925	NonCancer	0.00E+00	1.54E-05	0.00E+00	1.85E-06	1.85E-06	1.41E-04	4.39E-04	0.00E+00	3.58E-06	0.00E+00	1.85E-06	2.82E-03	0.00E+00	0.00E+00	2.82E-03
384	ALL		483875	3716925	NonCancer	0.00E+00	1.49E-05	0.00E+00	1.89E-06	1.89E-06	1.37E-04	4.21E-04	0.00E+00	3.46E-06	0.00E+00	1.89E-06	2.86E-03	0.00E+00	0.00E+00	2.86E-03
385	ALL		483925	3716925	NonCancer	0.00E+00	1.52E-05	0.00E+00	1.96E-06	1.96E-06	1.40E-04	4.26E-04	0.00E+00	3.53E-06	0.00E+00	1.96E-06	3.00E-03	0.00E+00	0.00E+00	3.00E-03
386	ALL		483975	3716925	NonCancer	0.00E+00	1.56E-05	0.00E+00	2.02E-06	2.02E-06	1.43E-04	4.34E-04	0.00E+00	3.62E-06	0.00E+00	2.02E-06	3.08E-03	0.00E+00	0.00E+00	3.08E-03
387	ALL		484025	3716925	NonCancer	0.00E+00	1.62E-05	0.00E+00	2.05E-06	2.05E-06	1.48E-04	4.47E-04	0.00E+00	3.75E-06	0.00E+00	2.05E-06	3.11E-03	0.00E+00	0.00E+00	3.11E-03
388	ALL		484075	3716925	NonCancer	0.00E+00	1.63E-05	0.00E+00	2.04E-06	2.04E-06	1.49E-04	4.49E-04	0.00E+00	3.77E-06	0.00E+00	2.04E-06	3.07E-03	0.00E+00	0.00E+00	3.07E-03
389	ALL		484125	3716925	NonCancer	0.00E+00	1.61E-05	0.00E+00	2.00E-06	2.00E-06	1.47E-04	4.42E-04	0.00E+00	3.73E-06	0.00E+00	2.00E-06	2.96E-03	0.00E+00	0.00E+00	2.96E-03
390	ALL		484175	3716925	NonCancer	0.00E+00	1.57E-05	0.00E+00	1.94E-06	1.94E-06	1.44E-04	4.32E-04	0.00E+00	3.65E-06	0.00E+00	1.94E-06	2.83E-03	0.00E+00	0.00E+00	2.83E-03
391	ALL		484225	3716925	NonCancer	0.00E+00	1.55E-05	0.00E+00	1.91E-06	1.91E-06	1.42E-04	4.24E-04	0.00E+00	3.59E-06	0.00E+00	1.91E-06	2.76E-03	0.00E+00	0.00E+00	2.76E-03
392	ALL		484275	3716925	NonCancer	0.00E+00	1.53E-05	0.00E+00	1.90E-06	1.90E-06	1.40E-04	4.18E-04	0.00E+00	3.54E-06	0.00E+00	1.90E-06	2.74E-03	0.00E+00	0.00E+00	2.74E-03
393	ALL		484325	3716925	NonCancer	0.00E+00	1.49E-05	0.00E+00	1.87E-06	1.87E-06	1.37E-04	4.07E-04	0.00E+00	3.45E-06	0.00E+00	1.87E-06	2.70E-03	0.00E+00	0.00E+00	2.70E-03
394	ALL		484375	3716925	NonCancer	0.00E+00	1.43E-05	0.00E+00	1.89E-06	1.89E-06	1.31E-04	3.92E-04	0.00E+00	3.32E-06	0.00E+00	1.89E-06	2.82E-03	0.00E+00	0.00E+00	2.82E-03
395	ALL		484425	3716925	NonCancer	0.00E+00	1.40E-05	0.00E+00	1.80E-06	1.80E-06	1.29E-04	3.83E-04	0.00E+00	3.25E-06	0.00E+00	1.80E-06	2.59E-03	0.00E+00	0.00E+00	2.59E-03
396	ALL		484475	3716925	NonCancer	0.00E+00	1.38E-05	0.00E+00	1.81E-06	1.81E-06	1.27E-04	3.78E-04	0.00E+00	3.21E-06	0.00E+00	1.81E-06	2.60E-03	0.00E+00	0.00E+00	2.60E-03
397	ALL		484525	3716925	NonCancer	0.00E+00	1.37E-05	0.00E+00	2.01E-06	2.01E-06	1.26E-04	3.73E-04	0.00E+00	3.18E-06	0.00E+00	2.01E-06	3.18E-03	0.00E+00	0.00E+00	3.18E-03
398	ALL		484575	3716925	NonCancer	0.00E+00	1.36E-05	0.00E+00	2.10E-06	2.10E-06	1.25E-04	3.68E-04	0.00E+00	3.14E-06	0.00E+00	2.10E-06	3.42E-03	0.00E+00	0.00E+00	3.42E-03
399	ALL		484625	3716925	NonCancer	0.00E+00	1.34E-05	0.00E+00	1.97E-06	1.97E-06	1.23E-04	3.63E-04	0.00E+00	3.11E-06	0.00E+00	1.97E-06	3.03E-03	0.00E+00	0.00E+00	3.03E-03
400	ALL		484675	3716925	NonCancer	0.00E+00	1.53E-05	0.00E+00	1.95E-06	1.95E-06	1.40E-04	4.06E-04	0.00E+00	3.54E-06	0.00E+00	1.95E-06	2.97E-03	0.00E+00	0.00E+00	2.97E-03
401	ALL		484725	3716925	NonCancer	0.00E+00	1.45E-05	0.00E+00	1.89E-06	1.89E-06	1.33E-04	3.87E-04	0.00E+00	3.37E-06	0.00E+00	1.89E-06	2.86E-03	0.00E+00	0.00E+00	2.86E-03
402	ALL		484775	3716925	NonCancer	0.00E+00	1.22E-05	0.00E+00	1.79E-06	1.79E-06	1.12E-04	3.31E-04	0.00E+00	2.84E-06	0.00E+00	1.79E-06	2.72E-03	0.00E+00	0.00E+00	2.72E-03
403	ALL		484825	3716925	NonCancer	0.00E+00	1.13E-05	0.00E+00	1.67E-06	1.67E-06	1.04E-04	3.07E-04	0.00E+00	2.62E-06	0.00E+00	1.67E-06	2.49E-03	0.00E+00	0.00E+00	2.49E-03
404	ALL		484875	3716925	NonCancer	0.00E+00	1.07E-05	0.00E+00	1.66E-06	1.66E-06	9.84E-05	2.91E-04	0.00E+00	2.48E-06	0.00E+00	1.66E-06	2.59E-03	0.00E+00	0.00E+00	2.59E-03
405	ALL		484925	3716925	NonCancer	0.00E+00	1.01E-05	0.00E+00	1.78E-06	1.78E-06	9.34E-05	2.77E-04	0.00E+00	2.35E-06	0.00E+00	1.78E-06	3.03E-03	0.00E+00	0.00E+00	3.03E-03

*HARP - HRACalc v19044 3/19/2020 1:54:21 PM - Chronic Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitChronicHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
406	ALL		484975	3716925	NonCancer	0.00E+00	9.58E-06	0.00E+00	1.81E-06	1.81E-06	8.86E-05	2.63E-04	0.00E+00	2.22E-06	0.00E+00	1.81E-06	3.20E-03	0.00E+00	0.00E+00	3.20E-03
407	ALL		485025	3716925	NonCancer	0.00E+00	9.13E-06	0.00E+00	1.72E-06	1.72E-06	8.44E-05	2.50E-04	0.00E+00	2.12E-06	0.00E+00	1.72E-06	3.05E-03	0.00E+00	0.00E+00	3.05E-03
408	ALL		485075	3716925	NonCancer	0.00E+00	8.69E-06	0.00E+00	1.55E-06	1.55E-06	8.02E-05	2.39E-04	0.00E+00	2.01E-06	0.00E+00	1.55E-06	2.64E-03	0.00E+00	0.00E+00	2.64E-03
409	ALL		485125	3716925	NonCancer	0.00E+00	8.40E-06	0.00E+00	1.36E-06	1.36E-06	7.74E-05	2.31E-04	0.00E+00	1.95E-06	0.00E+00	1.36E-06	2.14E-03	0.00E+00	0.00E+00	2.14E-03
410	ALL		485175	3716925	NonCancer	0.00E+00	7.93E-06	0.00E+00	1.34E-06	1.34E-06	7.31E-05	2.18E-04	0.00E+00	1.84E-06	0.00E+00	1.34E-06	2.17E-03	0.00E+00	0.00E+00	2.17E-03
411	ALL		485225	3716925	NonCancer	0.00E+00	7.59E-06	0.00E+00	1.33E-06	1.33E-06	7.00E-05	2.09E-04	0.00E+00	1.76E-06	0.00E+00	1.33E-06	2.20E-03	0.00E+00	0.00E+00	2.20E-03
412	ALL		485275	3716925	NonCancer	0.00E+00	7.22E-06	0.00E+00	1.27E-06	1.27E-06	6.66E-05	1.99E-04	0.00E+00	1.67E-06	0.00E+00	1.27E-06	2.13E-03	0.00E+00	0.00E+00	2.13E-03
413	ALL		485325	3716925	NonCancer	0.00E+00	6.91E-06	0.00E+00	1.20E-06	1.20E-06	6.37E-05	1.91E-04	0.00E+00	1.60E-06	0.00E+00	1.20E-06	1.99E-03	0.00E+00	0.00E+00	1.99E-03
414	ALL		485375	3716925	NonCancer	0.00E+00	6.63E-06	0.00E+00	1.12E-06	1.12E-06	6.11E-05	1.83E-04	0.00E+00	1.54E-06	0.00E+00	1.12E-06	1.80E-03	0.00E+00	0.00E+00	1.80E-03
415	ALL		485425	3716925	NonCancer	0.00E+00	6.34E-06	0.00E+00	1.01E-06	1.01E-06	5.84E-05	1.75E-04	0.00E+00	1.47E-06	0.00E+00	1.01E-06	1.57E-03	0.00E+00	0.00E+00	1.57E-03
416	ALL		485475	3716925	NonCancer	0.00E+00	6.11E-06	0.00E+00	9.50E-07	9.50E-07	5.62E-05	1.69E-04	0.00E+00	1.42E-06	0.00E+00	9.50E-07	1.43E-03	0.00E+00	0.00E+00	1.43E-03
417	ALL		482925	3716975	NonCancer	0.00E+00	7.56E-06	0.00E+00	9.50E-07	9.50E-07	6.94E-05	2.26E-04	0.00E+00	1.75E-06	0.00E+00	9.50E-07	1.51E-03	0.00E+00	0.00E+00	1.51E-03
418	ALL		482975	3716975	NonCancer	0.00E+00	7.40E-06	0.00E+00	9.84E-07	9.84E-07	6.80E-05	2.23E-04	0.00E+00	1.72E-06	0.00E+00	9.84E-07	1.56E-03	0.00E+00	0.00E+00	1.56E-03
419	ALL		483025	3716975	NonCancer	0.00E+00	8.02E-06	0.00E+00	1.03E-06	1.03E-06	7.36E-05	2.42E-04	0.00E+00	1.86E-06	0.00E+00	1.03E-06	1.63E-03	0.00E+00	0.00E+00	1.63E-03
420	ALL		483075	3716975	NonCancer	0.00E+00	9.31E-06	0.00E+00	1.08E-06	1.08E-06	8.54E-05	2.83E-04	0.00E+00	2.16E-06	0.00E+00	1.08E-06	1.69E-03	0.00E+00	0.00E+00	1.69E-03
421	ALL		483125	3716975	NonCancer	0.00E+00	1.05E-05	0.00E+00	1.11E-06	1.11E-06	9.63E-05	3.24E-04	0.00E+00	2.44E-06	0.00E+00	1.11E-06	1.72E-03	0.00E+00	0.00E+00	1.72E-03
422	ALL		483175	3716975	NonCancer	0.00E+00	1.26E-05	0.00E+00	1.15E-06	1.15E-06	1.15E-04	4.01E-04	0.00E+00	2.91E-06	0.00E+00	1.15E-06	1.76E-03	0.00E+00	0.00E+00	1.76E-03
423	ALL		483225	3716975	NonCancer	0.00E+00	1.41E-05	0.00E+00	1.21E-06	1.21E-06	1.29E-04	4.56E-04	0.00E+00	3.27E-06	0.00E+00	1.21E-06	1.85E-03	0.00E+00	0.00E+00	1.85E-03
424	ALL		483275	3716975	NonCancer	0.00E+00	1.68E-05	0.00E+00	1.30E-06	1.30E-06	1.53E-04	5.54E-04	0.00E+00	3.89E-06	0.00E+00	1.30E-06	1.98E-03	0.00E+00	0.00E+00	1.98E-03
425	ALL		483325	3716975	NonCancer	0.00E+00	2.39E-05	0.00E+00	1.44E-06	1.44E-06	2.18E-04	8.26E-04	0.00E+00	5.54E-06	0.00E+00	1.44E-06	2.19E-03	0.00E+00	0.00E+00	2.19E-03
426	ALL		483375	3716975	NonCancer	0.00E+00	7.71E-05	0.00E+00	2.40E-06	2.40E-06	7.00E-04	2.87E-03	0.00E+00	1.79E-05	0.00E+00	2.40E-06	3.72E-03	0.00E+00	0.00E+00	3.72E-03
427	ALL		483425	3716975	NonCancer	0.00E+00	3.88E-05	0.00E+00	1.75E-06	1.75E-06	3.53E-04	1.39E-03	0.00E+00	9.00E-06	0.00E+00	1.75E-06	2.66E-03	0.00E+00	0.00E+00	2.66E-03
428	ALL		483475	3716975	NonCancer	0.00E+00	2.35E-05	0.00E+00	1.57E-06	1.57E-06	2.14E-04	7.92E-04	0.00E+00	5.45E-06	0.00E+00	1.57E-06	2.37E-03	0.00E+00	0.00E+00	2.37E-03
429	ALL		483525	3716975	NonCancer	0.00E+00	1.82E-05	0.00E+00	1.60E-06	1.60E-06	1.66E-04	5.75E-04	0.00E+00	4.21E-06	0.00E+00	1.60E-06	2.44E-03	0.00E+00	0.00E+00	2.44E-03
430	ALL		483575	3716975	NonCancer	0.00E+00	1.61E-05	0.00E+00	1.67E-06	1.67E-06	1.48E-04	4.91E-04	0.00E+00	3.75E-06	0.00E+00	1.67E-06	2.57E-03	0.00E+00	0.00E+00	2.57E-03
431	ALL		483625	3716975	NonCancer	0.00E+00	1.40E-05	0.00E+00	1.70E-06	1.70E-06	1.29E-04	4.20E-04	0.00E+00	3.25E-06	0.00E+00	1.70E-06	2.62E-03	0.00E+00	0.00E+00	2.62E-03
432	ALL		483675	3716975	NonCancer	0.00E+00	1.34E-05	0.00E+00	2.34E-06	2.34E-06	1.23E-04	3.96E-04	0.00E+00	3.10E-06	0.00E+00	2.34E-06	4.46E-03	0.00E+00	0.00E+00	4.46E-03
433	ALL		483725	3716975	NonCancer	0.00E+00	1.38E-05	0.00E+00	2.38E-06	2.38E-06	1.27E-04	4.03E-04	0.00E+00	3.21E-06	0.00E+00	2.38E-06	4.45E-03	0.00E+00	0.00E+00	4.45E-03
434	ALL		483775	3716975	NonCancer	0.00E+00	1.38E-05	0.00E+00	2.71E-06	2.71E-06	1.27E-04	3.98E-04	0.00E+00	3.19E-06	0.00E+00	2.71E-06	5.38E-03	0.00E+00	0.00E+00	5.38E-03
435	ALL		483825	3716975	NonCancer	0.00E+00	1.41E-05	0.00E+00	2.92E-06	2.92E-06	1.30E-04	4.02E-04	0.00E+00	3.26E-06	0.00E+00	2.92E-06	5.91E-03	0.00E+00	0.00E+00	5.91E-03
436	ALL		483875	3716975	NonCancer	0.00E+00	1.26E-05	0.00E+00	4.03E-06	4.03E-06	1.18E-04	3.61E-04	0.00E+00	2.92E-06	0.00E+00	4.03E-06	9.32E-03	0.00E+00	0.00E+00	9.32E-03
437	ALL		483925	3716975	NonCancer	0.00E+00	1.32E-05	0.00E+00	4.18E-06	4.18E-06	1.24E-04	3.75E-04	0.00E+00	3.07E-06	0.00E+00	4.18E-06	9.57E-03	0.00E+00	0.00E+00	9.57E-03
438	ALL		483975	3716975	NonCancer	0.00E+00	1.42E-05	0.00E+00	4.15E-06	4.15E-06	1.33E-04	3.98E-04	0.00E+00	3.29E-06	0.00E+00	4.15E-06	9.27E-03	0.00E+00	0.00E+00	9.27E-03
439	ALL		484025	3716975	NonCancer	0.00E+00	1.63E-05	0.00E+00	3.51E-06	3.51E-06	1.51E-04	4.51E-04	0.00E+00	3.79E-06	0.00E+00	3.51E-06	7.14E-03	0.00E+00	0.00E+00	7.14E-03
440	ALL		484075	3716975	NonCancer	0.00E+00	1.77E-05	0.00E+00	2.28E-06	2.28E-06	1.63E-04	4.85E-04	0.00E+00	4.11E-06	0.00E+00	2.28E-06	3.46E-03	0.00E+00	0.00E+00	3.46E-03
441	ALL		484125	3716975	NonCancer	0.00E+00	1.80E-05	0.00E+00	2.27E-06	2.27E-06	1.65E-04	4.91E-04	0.00E+00	4.17E-06	0.00E+00	2.27E-06	3.40E-03	0.00E+00	0.00E+00	3.40E-03
442	ALL		484175	3716975	NonCancer	0.00E+00	1.74E-05	0.00E+00	2.15E-06	2.15E-06	1.60E-04	4.76E-04	0.00E+00	4.04E-06	0.00E+00	2.15E-06	3.14E-03	0.00E+00	0.00E+00	3.14E-03
443	ALL		484225	3716975	NonCancer	0.00E+00	1.72E-05	0.00E+00	2.14E-06	2.14E-06	1.58E-04	4.70E-04	0.00E+00	4.00E-06	0.00E+00	2.14E-06	3.10E-03	0.00E+00	0.00E+00	3.10E-03
444	ALL		484275	3716975	NonCancer	0.00E+00	1.70E-05	0.00E+00	2.12E-06	2.12E-06	1.56E-04	4.62E-04	0.00E+00	3.94E-06	0.00E+00	2.12E-06	3.06E-03	0.00E+00	0.00E+00	3.06E-03
445	ALL		484325	3716975	NonCancer	0.00E+00	1.63E-05	0.00E+00	2.06E-06	2.06E-06	1.50E-04	4.45E-04	0.00E+00	3.79E-06	0.00E+00	2.06E-06	2.96E-03	0.00E+00	0.00E+00	2.96E-03
446	ALL		484375	3716975	NonCancer	0.00E+00	1.59E-05	0.00E+00	2.09E-06	2.09E-06	1.46E-04	4.32E-04	0.00E+00	3.68E-06	0.00E+00	2.09E-06	3.11E-03	0.00E+00	0.00E+00	3.11E-03
447	ALL		484425	3716975	NonCancer	0.00E+00	1.54E-05	0.00E+00	1.97E-06	1.97E-06	1.41E-04	4.19E-04	0.00E+00	3.57E-06	0.00E+00	1.97E-06	2.82E-03	0.00E+00	0.00E+00	2.82E-03
448	ALL		484475	3716975	NonCancer	0.00E+00	1.50E-05	0.00E+00	1.98E-06	1.98E-06	1.38E-04	4.07E-04	0.00E+00	3.47E-06	0.00E+00	1.98E-06	2.88E-03	0.00E+00	0.00E+00	2.88E-03
449	ALL		484525	3716975	NonCancer	0.00E+00	1.48E-05	0.00E+00	2.22E-06	2.22E-06	1.36E-04	4.02E-04	0.00E+00	3.43E-06	0.00E+00	2.22E-06	3.58E-03	0.00E+00	0.00E+00	3.58E-03
450	ALL		484575	3716975	NonCancer	0.00E+00	1.46E-05	0.00E+00	2.23E-06	2.23E-06	1.34E-04	3.95E-04	0.00E+00	3.38E-06	0.00E+00	2.23E-06	3.61E-03	0.00E+00	0.00E+00	3.61E-03

*HARP - HRACalc v19044 3/19/2020 1:54:21 PM - Chronic Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitChronicHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
451	ALL		484625	3716975	NonCancer	0.00E+00	1.43E-05	0.00E+00	2.02E-06	2.02E-06	1.31E-04	3.86E-04	0.00E+00	3.31E-06	0.00E+00	2.02E-06	2.98E-03	0.00E+00	0.00E+00	2.98E-03
452	ALL		484675	3716975	NonCancer	0.00E+00	1.41E-05	0.00E+00	2.03E-06	2.03E-06	1.30E-04	3.81E-04	0.00E+00	3.27E-06	0.00E+00	2.03E-06	3.05E-03	0.00E+00	0.00E+00	3.05E-03
453	ALL		484725	3716975	NonCancer	0.00E+00	1.65E-05	0.00E+00	2.81E-06	2.81E-06	1.52E-04	4.38E-04	0.00E+00	3.83E-06	0.00E+00	2.81E-06	5.11E-03	0.00E+00	0.00E+00	5.11E-03
454	ALL		484775	3716975	NonCancer	0.00E+00	1.50E-05	0.00E+00	1.96E-06	1.96E-06	1.38E-04	4.00E-04	0.00E+00	3.49E-06	0.00E+00	1.96E-06	2.96E-03	0.00E+00	0.00E+00	2.96E-03
455	ALL		484825	3716975	NonCancer	0.00E+00	1.23E-05	0.00E+00	1.83E-06	1.83E-06	1.13E-04	3.33E-04	0.00E+00	2.85E-06	0.00E+00	1.83E-06	2.75E-03	0.00E+00	0.00E+00	2.75E-03
456	ALL		484875	3716975	NonCancer	0.00E+00	1.14E-05	0.00E+00	1.96E-06	1.96E-06	1.05E-04	3.10E-04	0.00E+00	2.65E-06	0.00E+00	1.96E-06	3.26E-03	0.00E+00	0.00E+00	3.26E-03
457	ALL		484925	3716975	NonCancer	0.00E+00	1.08E-05	0.00E+00	2.02E-06	2.02E-06	9.96E-05	2.94E-04	0.00E+00	2.50E-06	0.00E+00	2.02E-06	3.56E-03	0.00E+00	0.00E+00	3.56E-03
458	ALL		484975	3716975	NonCancer	0.00E+00	1.02E-05	0.00E+00	1.94E-06	1.94E-06	9.40E-05	2.78E-04	0.00E+00	2.36E-06	0.00E+00	1.94E-06	3.46E-03	0.00E+00	0.00E+00	3.46E-03
459	ALL		485025	3716975	NonCancer	0.00E+00	9.71E-06	0.00E+00	1.77E-06	1.77E-06	8.96E-05	2.65E-04	0.00E+00	2.25E-06	0.00E+00	1.77E-06	3.04E-03	0.00E+00	0.00E+00	3.04E-03
460	ALL		485075	3716975	NonCancer	0.00E+00	9.15E-06	0.00E+00	1.52E-06	1.52E-06	8.44E-05	2.51E-04	0.00E+00	2.12E-06	0.00E+00	1.52E-06	2.43E-03	0.00E+00	0.00E+00	2.43E-03
461	ALL		485125	3716975	NonCancer	0.00E+00	8.71E-06	0.00E+00	1.47E-06	1.47E-06	8.03E-05	2.39E-04	0.00E+00	2.02E-06	0.00E+00	1.47E-06	2.40E-03	0.00E+00	0.00E+00	2.40E-03
462	ALL		485175	3716975	NonCancer	0.00E+00	8.34E-06	0.00E+00	1.47E-06	1.47E-06	7.69E-05	2.29E-04	0.00E+00	1.93E-06	0.00E+00	1.47E-06	2.44E-03	0.00E+00	0.00E+00	2.44E-03
463	ALL		485225	3716975	NonCancer	0.00E+00	7.94E-06	0.00E+00	1.41E-06	1.41E-06	7.33E-05	2.18E-04	0.00E+00	1.84E-06	0.00E+00	1.41E-06	2.36E-03	0.00E+00	0.00E+00	2.36E-03
464	ALL		485275	3716975	NonCancer	0.00E+00	7.51E-06	0.00E+00	1.31E-06	1.31E-06	6.93E-05	2.07E-04	0.00E+00	1.74E-06	0.00E+00	1.31E-06	2.18E-03	0.00E+00	0.00E+00	2.18E-03
465	ALL		485325	3716975	NonCancer	0.00E+00	7.13E-06	0.00E+00	1.20E-06	1.20E-06	6.58E-05	1.97E-04	0.00E+00	1.65E-06	0.00E+00	1.20E-06	1.94E-03	0.00E+00	0.00E+00	1.94E-03
466	ALL		485375	3716975	NonCancer	0.00E+00	6.83E-06	0.00E+00	1.09E-06	1.09E-06	6.29E-05	1.88E-04	0.00E+00	1.58E-06	0.00E+00	1.09E-06	1.68E-03	0.00E+00	0.00E+00	1.68E-03
467	ALL		485425	3716975	NonCancer	0.00E+00	6.53E-06	0.00E+00	1.01E-06	1.01E-06	6.02E-05	1.80E-04	0.00E+00	1.52E-06	0.00E+00	1.01E-06	1.50E-03	0.00E+00	0.00E+00	1.50E-03
468	ALL		485475	3716975	NonCancer	0.00E+00	6.26E-06	0.00E+00	9.62E-07	9.62E-07	5.76E-05	1.73E-04	0.00E+00	1.45E-06	0.00E+00	9.62E-07	1.43E-03	0.00E+00	0.00E+00	1.43E-03
469	ALL		482925	3717025	NonCancer	0.00E+00	8.05E-06	0.00E+00	9.59E-07	9.59E-07	7.38E-05	2.42E-04	0.00E+00	1.87E-06	0.00E+00	9.59E-07	1.50E-03	0.00E+00	0.00E+00	1.50E-03
470	ALL		482975	3717025	NonCancer	0.00E+00	8.17E-06	0.00E+00	1.02E-06	1.02E-06	7.50E-05	2.44E-04	0.00E+00	1.90E-06	0.00E+00	1.02E-06	1.61E-03	0.00E+00	0.00E+00	1.61E-03
471	ALL		483025	3717025	NonCancer	0.00E+00	8.54E-06	0.00E+00	1.06E-06	1.06E-06	7.84E-05	2.56E-04	0.00E+00	1.98E-06	0.00E+00	1.06E-06	1.68E-03	0.00E+00	0.00E+00	1.68E-03
472	ALL		483075	3717025	NonCancer	0.00E+00	9.02E-06	0.00E+00	1.11E-06	1.11E-06	8.28E-05	2.72E-04	0.00E+00	2.09E-06	0.00E+00	1.11E-06	1.74E-03	0.00E+00	0.00E+00	1.74E-03
473	ALL		483125	3717025	NonCancer	0.00E+00	1.05E-05	0.00E+00	1.15E-06	1.15E-06	9.59E-05	3.20E-04	0.00E+00	2.43E-06	0.00E+00	1.15E-06	1.79E-03	0.00E+00	0.00E+00	1.79E-03
474	ALL		483175	3717025	NonCancer	0.00E+00	1.22E-05	0.00E+00	1.18E-06	1.18E-06	1.12E-04	3.83E-04	0.00E+00	2.83E-06	0.00E+00	1.18E-06	1.80E-03	0.00E+00	0.00E+00	1.80E-03
475	ALL		483225	3717025	NonCancer	0.00E+00	1.28E-05	0.00E+00	1.27E-06	1.27E-06	1.17E-04	4.01E-04	0.00E+00	2.97E-06	0.00E+00	1.27E-06	1.96E-03	0.00E+00	0.00E+00	1.96E-03
476	ALL		483275	3717025	NonCancer	0.00E+00	1.44E-05	0.00E+00	1.34E-06	1.34E-06	1.32E-04	4.57E-04	0.00E+00	3.35E-06	0.00E+00	1.34E-06	2.07E-03	0.00E+00	0.00E+00	2.07E-03
477	ALL		483325	3717025	NonCancer	0.00E+00	2.01E-05	0.00E+00	1.44E-06	1.44E-06	1.83E-04	6.73E-04	0.00E+00	4.66E-06	0.00E+00	1.44E-06	2.18E-03	0.00E+00	0.00E+00	2.18E-03
478	ALL		483375	3717025	NonCancer	0.00E+00	3.62E-05	0.00E+00	1.73E-06	1.73E-06	3.30E-04	1.29E-03	0.00E+00	8.41E-06	0.00E+00	1.73E-06	2.63E-03	0.00E+00	0.00E+00	2.63E-03
479	ALL		483425	3717025	NonCancer	0.00E+00	1.04E-04	0.00E+00	2.96E-06	2.96E-06	9.45E-04	3.89E-03	0.00E+00	2.41E-05	0.00E+00	2.96E-06	4.61E-03	0.00E+00	0.00E+00	4.61E-03
480	ALL		483475	3717025	NonCancer	0.00E+00	2.89E-05	0.00E+00	1.68E-06	1.68E-06	2.63E-04	9.93E-04	0.00E+00	6.69E-06	0.00E+00	1.68E-06	2.52E-03	0.00E+00	0.00E+00	2.52E-03
481	ALL		483525	3717025	NonCancer	0.00E+00	2.18E-05	0.00E+00	1.67E-06	1.67E-06	1.99E-04	7.10E-04	0.00E+00	5.05E-06	0.00E+00	1.67E-06	2.51E-03	0.00E+00	0.00E+00	2.51E-03
482	ALL		483575	3717025	NonCancer	0.00E+00	1.89E-05	0.00E+00	1.73E-06	1.73E-06	1.73E-04	5.88E-04	0.00E+00	4.39E-06	0.00E+00	1.73E-06	2.62E-03	0.00E+00	0.00E+00	2.62E-03
483	ALL		483625	3717025	NonCancer	0.00E+00	1.80E-05	0.00E+00	1.80E-06	1.80E-06	1.64E-04	5.41E-04	0.00E+00	4.17E-06	0.00E+00	1.80E-06	2.71E-03	0.00E+00	0.00E+00	2.71E-03
484	ALL		483675	3717025	NonCancer	0.00E+00	1.48E-05	0.00E+00	2.22E-06	2.22E-06	1.37E-04	4.39E-04	0.00E+00	3.44E-06	0.00E+00	2.22E-06	3.89E-03	0.00E+00	0.00E+00	3.89E-03
485	ALL		483725	3717025	NonCancer	0.00E+00	1.23E-05	0.00E+00	3.68E-06	3.68E-06	1.15E-04	3.64E-04	0.00E+00	2.84E-06	0.00E+00	3.68E-06	8.50E-03	0.00E+00	0.00E+00	8.50E-03
486	ALL		483775	3717025	NonCancer	0.00E+00	1.18E-05	0.00E+00	4.18E-06	4.18E-06	1.11E-04	3.48E-04	0.00E+00	2.74E-06	0.00E+00	4.18E-06	9.98E-03	0.00E+00	0.00E+00	9.98E-03
487	ALL		483825	3717025	NonCancer	0.00E+00	1.40E-05	0.00E+00	3.66E-06	3.66E-06	1.31E-04	4.02E-04	0.00E+00	3.25E-06	0.00E+00	3.66E-06	8.08E-03	0.00E+00	0.00E+00	8.08E-03
488	ALL		483875	3717025	NonCancer	0.00E+00	1.38E-05	0.00E+00	4.11E-06	4.11E-06	1.29E-04	3.94E-04	0.00E+00	3.21E-06	0.00E+00	4.11E-06	9.36E-03	0.00E+00	0.00E+00	9.36E-03
489	ALL		483925	3717025	NonCancer	0.00E+00	1.31E-05	0.00E+00	4.66E-06	4.66E-06	1.23E-04	3.73E-04	0.00E+00	3.04E-06	0.00E+00	4.66E-06	1.10E-02	0.00E+00	0.00E+00	1.10E-02
490	ALL		483975	3717025	NonCancer	0.00E+00	1.27E-05	0.00E+00	4.69E-06	4.69E-06	1.20E-04	3.60E-04	0.00E+00	2.95E-06	0.00E+00	4.69E-06	1.12E-02	0.00E+00	0.00E+00	1.12E-02
491	ALL		484025	3717025	NonCancer	0.00E+00	1.41E-05	0.00E+00	4.93E-06	4.93E-06	1.32E-04	3.93E-04	0.00E+00	3.26E-06	0.00E+00	4.93E-06	1.16E-02	0.00E+00	0.00E+00	1.16E-02
492	ALL		484075	3717025	NonCancer	0.00E+00	1.87E-05	0.00E+00	3.75E-06	3.75E-06	1.73E-04	5.10E-04	0.00E+00	4.33E-06	0.00E+00	3.75E-06	7.43E-03	0.00E+00	0.00E+00	7.43E-03
493	ALL		484125	3717025	NonCancer	0.00E+00	2.00E-05	0.00E+00	2.53E-06	2.53E-06	1.84E-04	5.45E-04	0.00E+00	4.65E-06	0.00E+00	2.53E-06	3.81E-03	0.00E+00	0.00E+00	3.81E-03
494	ALL		484175	3717025	NonCancer	0.00E+00	1.98E-05	0.00E+00	2.50E-06	2.50E-06	1.82E-04	5.38E-04	0.00E+00	4.60E-06	0.00E+00	2.50E-06	3.73E-03	0.00E+00	0.00E+00	3.73E-03
495	ALL		484225	3717025	NonCancer	0.00E+00	1.94E-05	0.00E+00	2.42E-06	2.42E-06	1.78E-04	5.24E-04	0.00E+00	4.49E-06	0.00E+00	2.42E-06	3.53E-03	0.00E+00	0.00E+00	3.53E-03

*HARP - HRACalc v19044 3/19/2020 1:54:21 PM - Chronic Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitChronicHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
496	ALL		484275	3717025	NonCancer	0.00E+00	1.88E-05	0.00E+00	2.32E-06	2.32E-06	1.72E-04	5.08E-04	0.00E+00	4.35E-06	0.00E+00	2.32E-06	3.32E-03	0.00E+00	0.00E+00	3.32E-03
497	ALL		484325	3717025	NonCancer	0.00E+00	1.81E-05	0.00E+00	2.28E-06	2.28E-06	1.66E-04	4.90E-04	0.00E+00	4.19E-06	0.00E+00	2.28E-06	3.30E-03	0.00E+00	0.00E+00	3.30E-03
498	ALL		484375	3717025	NonCancer	0.00E+00	1.77E-05	0.00E+00	2.32E-06	2.32E-06	1.62E-04	4.78E-04	0.00E+00	4.10E-06	0.00E+00	2.32E-06	3.45E-03	0.00E+00	0.00E+00	3.45E-03
499	ALL		484425	3717025	NonCancer	0.00E+00	1.71E-05	0.00E+00	2.19E-06	2.19E-06	1.57E-04	4.63E-04	0.00E+00	3.97E-06	0.00E+00	2.19E-06	3.12E-03	0.00E+00	0.00E+00	3.12E-03
500	ALL		484475	3717025	NonCancer	0.00E+00	1.64E-05	0.00E+00	2.25E-06	2.25E-06	1.51E-04	4.44E-04	0.00E+00	3.80E-06	0.00E+00	2.25E-06	3.40E-03	0.00E+00	0.00E+00	3.40E-03
501	ALL		484525	3717025	NonCancer	0.00E+00	1.60E-05	0.00E+00	2.43E-06	2.43E-06	1.47E-04	4.32E-04	0.00E+00	3.70E-06	0.00E+00	2.43E-06	3.95E-03	0.00E+00	0.00E+00	3.95E-03
502	ALL		484575	3717025	NonCancer	0.00E+00	1.57E-05	0.00E+00	2.35E-06	2.35E-06	1.44E-04	4.23E-04	0.00E+00	3.63E-06	0.00E+00	2.35E-06	3.72E-03	0.00E+00	0.00E+00	3.72E-03
503	ALL		484625	3717025	NonCancer	0.00E+00	1.52E-05	0.00E+00	2.08E-06	2.08E-06	1.40E-04	4.11E-04	0.00E+00	3.53E-06	0.00E+00	2.08E-06	3.01E-03	0.00E+00	0.00E+00	3.01E-03
504	ALL		484675	3717025	NonCancer	0.00E+00	1.48E-05	0.00E+00	2.10E-06	2.10E-06	1.36E-04	3.99E-04	0.00E+00	3.43E-06	0.00E+00	2.10E-06	3.08E-03	0.00E+00	0.00E+00	3.08E-03
505	ALL		484725	3717025	NonCancer	0.00E+00	1.49E-05	0.00E+00	2.14E-06	2.14E-06	1.37E-04	4.00E-04	0.00E+00	3.45E-06	0.00E+00	2.14E-06	3.21E-03	0.00E+00	0.00E+00	3.21E-03
506	ALL		484775	3717025	NonCancer	0.00E+00	1.58E-05	0.00E+00	2.10E-06	2.10E-06	1.45E-04	4.20E-04	0.00E+00	3.67E-06	0.00E+00	2.10E-06	3.16E-03	0.00E+00	0.00E+00	3.16E-03
507	ALL		484825	3717025	NonCancer	0.00E+00	1.39E-05	0.00E+00	2.16E-06	2.16E-06	1.28E-04	3.73E-04	0.00E+00	3.22E-06	0.00E+00	2.16E-06	3.49E-03	0.00E+00	0.00E+00	3.49E-03
508	ALL		484875	3717025	NonCancer	0.00E+00	1.22E-05	0.00E+00	2.26E-06	2.26E-06	1.13E-04	3.31E-04	0.00E+00	2.83E-06	0.00E+00	2.26E-06	3.93E-03	0.00E+00	0.00E+00	3.93E-03
509	ALL		484925	3717025	NonCancer	0.00E+00	1.15E-05	0.00E+00	2.21E-06	2.21E-06	1.06E-04	3.12E-04	0.00E+00	2.66E-06	0.00E+00	2.21E-06	3.94E-03	0.00E+00	0.00E+00	3.94E-03
510	ALL		484975	3717025	NonCancer	0.00E+00	1.08E-05	0.00E+00	2.01E-06	2.01E-06	9.97E-05	2.94E-04	0.00E+00	2.50E-06	0.00E+00	2.01E-06	3.51E-03	0.00E+00	0.00E+00	3.51E-03
511	ALL		485025	3717025	NonCancer	0.00E+00	1.03E-05	0.00E+00	1.76E-06	1.76E-06	9.52E-05	2.81E-04	0.00E+00	2.39E-06	0.00E+00	1.76E-06	2.85E-03	0.00E+00	0.00E+00	2.85E-03
512	ALL		485075	3717025	NonCancer	0.00E+00	9.61E-06	0.00E+00	1.64E-06	1.64E-06	8.86E-05	2.63E-04	0.00E+00	2.23E-06	0.00E+00	1.64E-06	2.66E-03	0.00E+00	0.00E+00	2.66E-03
513	ALL		485125	3717025	NonCancer	0.00E+00	9.08E-06	0.00E+00	1.61E-06	1.61E-06	8.38E-05	2.49E-04	0.00E+00	2.11E-06	0.00E+00	1.61E-06	2.69E-03	0.00E+00	0.00E+00	2.69E-03
514	ALL		485175	3717025	NonCancer	0.00E+00	8.66E-06	0.00E+00	1.55E-06	1.55E-06	7.99E-05	2.38E-04	0.00E+00	2.01E-06	0.00E+00	1.55E-06	2.60E-03	0.00E+00	0.00E+00	2.60E-03
515	ALL		485225	3717025	NonCancer	0.00E+00	8.23E-06	0.00E+00	1.45E-06	1.45E-06	7.60E-05	2.26E-04	0.00E+00	1.91E-06	0.00E+00	1.45E-06	2.40E-03	0.00E+00	0.00E+00	2.40E-03
516	ALL		485275	3717025	NonCancer	0.00E+00	7.81E-06	0.00E+00	1.32E-06	1.32E-06	7.20E-05	2.15E-04	0.00E+00	1.81E-06	0.00E+00	1.32E-06	2.12E-03	0.00E+00	0.00E+00	2.12E-03
517	ALL		485325	3717025	NonCancer	0.00E+00	7.36E-06	0.00E+00	1.18E-06	1.18E-06	6.78E-05	2.03E-04	0.00E+00	1.71E-06	0.00E+00	1.18E-06	1.81E-03	0.00E+00	0.00E+00	1.81E-03
518	ALL		485375	3717025	NonCancer	0.00E+00	7.02E-06	0.00E+00	1.07E-06	1.07E-06	6.46E-05	1.93E-04	0.00E+00	1.63E-06	0.00E+00	1.07E-06	1.58E-03	0.00E+00	0.00E+00	1.58E-03
519	ALL		485425	3717025	NonCancer	0.00E+00	6.74E-06	0.00E+00	1.04E-06	1.04E-06	6.20E-05	1.86E-04	0.00E+00	1.56E-06	0.00E+00	1.04E-06	1.53E-03	0.00E+00	0.00E+00	1.53E-03
520	ALL		485475	3717025	NonCancer	0.00E+00	6.45E-06	0.00E+00	1.00E-06	1.00E-06	5.94E-05	1.78E-04	0.00E+00	1.50E-06	0.00E+00	1.00E-06	1.49E-03	0.00E+00	0.00E+00	1.49E-03
521	ALL		482925	3717075	NonCancer	0.00E+00	8.38E-06	0.00E+00	9.73E-07	9.73E-07	7.68E-05	2.53E-04	0.00E+00	1.94E-06	0.00E+00	9.73E-07	1.52E-03	0.00E+00	0.00E+00	1.52E-03
522	ALL		482975	3717075	NonCancer	0.00E+00	8.82E-06	0.00E+00	1.02E-06	1.02E-06	8.08E-05	2.66E-04	0.00E+00	2.05E-06	0.00E+00	1.02E-06	1.59E-03	0.00E+00	0.00E+00	1.59E-03
523	ALL		483025	3717075	NonCancer	0.00E+00	9.29E-06	0.00E+00	1.07E-06	1.07E-06	8.51E-05	2.80E-04	0.00E+00	2.15E-06	0.00E+00	1.07E-06	1.67E-03	0.00E+00	0.00E+00	1.67E-03
524	ALL		483075	3717075	NonCancer	0.00E+00	9.61E-06	0.00E+00	1.14E-06	1.14E-06	8.81E-05	2.88E-04	0.00E+00	2.23E-06	0.00E+00	1.14E-06	1.78E-03	0.00E+00	0.00E+00	1.78E-03
525	ALL		483125	3717075	NonCancer	0.00E+00	1.08E-05	0.00E+00	1.17E-06	1.17E-06	9.88E-05	3.29E-04	0.00E+00	2.50E-06	0.00E+00	1.17E-06	1.81E-03	0.00E+00	0.00E+00	1.81E-03
526	ALL		483175	3717075	NonCancer	0.00E+00	1.15E-05	0.00E+00	1.24E-06	1.24E-06	1.05E-04	3.51E-04	0.00E+00	2.67E-06	0.00E+00	1.24E-06	1.92E-03	0.00E+00	0.00E+00	1.92E-03
527	ALL		483225	3717075	NonCancer	0.00E+00	1.21E-05	0.00E+00	1.32E-06	1.32E-06	1.11E-04	3.71E-04	0.00E+00	2.81E-06	0.00E+00	1.32E-06	2.05E-03	0.00E+00	0.00E+00	2.05E-03
528	ALL		483275	3717075	NonCancer	0.00E+00	1.38E-05	0.00E+00	1.39E-06	1.39E-06	1.27E-04	4.30E-04	0.00E+00	3.21E-06	0.00E+00	1.39E-06	2.15E-03	0.00E+00	0.00E+00	2.15E-03
529	ALL		483325	3717075	NonCancer	0.00E+00	1.71E-05	0.00E+00	1.47E-06	1.47E-06	1.56E-04	5.51E-04	0.00E+00	3.97E-06	0.00E+00	1.47E-06	2.25E-03	0.00E+00	0.00E+00	2.25E-03
530	ALL		483375	3717075	NonCancer	0.00E+00	2.42E-05	0.00E+00	1.61E-06	1.61E-06	2.21E-04	8.20E-04	0.00E+00	5.62E-06	0.00E+00	1.61E-06	2.45E-03	0.00E+00	0.00E+00	2.45E-03
531	ALL		483425	3717075	NonCancer	0.00E+00	7.79E-05	0.00E+00	2.57E-06	2.57E-06	7.07E-04	2.88E-03	0.00E+00	1.81E-05	0.00E+00	2.57E-06	3.95E-03	0.00E+00	0.00E+00	3.95E-03
532	ALL		483475	3717075	NonCancer	0.00E+00	4.14E-05	0.00E+00	1.97E-06	1.97E-06	3.76E-04	1.47E-03	0.00E+00	9.59E-06	0.00E+00	1.97E-06	2.98E-03	0.00E+00	0.00E+00	2.98E-03
533	ALL		483525	3717075	NonCancer	0.00E+00	2.57E-05	0.00E+00	1.75E-06	1.75E-06	2.35E-04	8.56E-04	0.00E+00	5.97E-06	0.00E+00	1.75E-06	2.60E-03	0.00E+00	0.00E+00	2.60E-03
534	ALL		483575	3717075	NonCancer	0.00E+00	2.20E-05	0.00E+00	1.79E-06	1.79E-06	2.01E-04	7.03E-04	0.00E+00	5.11E-06	0.00E+00	1.79E-06	2.66E-03	0.00E+00	0.00E+00	2.66E-03
535	ALL		483625	3717075	NonCancer	0.00E+00	2.01E-05	0.00E+00	1.90E-06	1.90E-06	1.84E-04	6.14E-04	0.00E+00	4.67E-06	0.00E+00	1.90E-06	2.85E-03	0.00E+00	0.00E+00	2.85E-03
536	ALL		483675	3717075	NonCancer	0.00E+00	1.85E-05	0.00E+00	2.03E-06	2.03E-06	1.69E-04	5.42E-04	0.00E+00	4.29E-06	0.00E+00	2.03E-06	3.08E-03	0.00E+00	0.00E+00	3.08E-03
537	ALL		483725	3717075	NonCancer	0.00E+00	1.51E-05	0.00E+00	3.04E-06	3.04E-06	1.40E-04	4.42E-04	0.00E+00	3.50E-06	0.00E+00	3.04E-06	6.17E-03	0.00E+00	0.00E+00	6.17E-03
538	ALL		483775	3717075	NonCancer	0.00E+00	1.42E-05	0.00E+00	3.79E-06	3.79E-06	1.32E-04	4.12E-04	0.00E+00	3.29E-06	0.00E+00	3.79E-06	8.47E-03	0.00E+00	0.00E+00	8.47E-03
539	ALL		483825	3717075	NonCancer	0.00E+00	1.74E-05	0.00E+00	2.74E-06	2.74E-06	1.61E-04	4.95E-04	0.00E+00	4.05E-06	0.00E+00	2.74E-06	4.83E-03	0.00E+00	0.00E+00	4.83E-03
540	ALL		483875	3717075	NonCancer	0.00E+00	1.86E-05	0.00E+00	2.37E-06	2.37E-06	1.71E-04	5.20E-04	0.00E+00	4.31E-06	0.00E+00	2.37E-06	3.58E-03	0.00E+00	0.00E+00	3.58E-03

*HARP - HRACalc v19044 3/19/2020 1:54:21 PM - Chronic Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitChronicHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
541	ALL		483925	3717075	NonCancer	0.00E+00	1.68E-05	0.00E+00	4.13E-06	4.13E-06	1.56E-04	4.70E-04	0.00E+00	3.89E-06	0.00E+00	4.13E-06	8.88E-03	0.00E+00	0.00E+00	8.88E-03
542	ALL		483975	3717075	NonCancer	0.00E+00	1.56E-05	0.00E+00	5.03E-06	5.03E-06	1.47E-04	4.38E-04	0.00E+00	3.63E-06	0.00E+00	5.03E-06	1.16E-02	0.00E+00	0.00E+00	1.16E-02
543	ALL		484025	3717075	NonCancer	0.00E+00	1.56E-05	0.00E+00	5.30E-06	5.30E-06	1.47E-04	4.36E-04	0.00E+00	3.63E-06	0.00E+00	5.30E-06	1.23E-02	0.00E+00	0.00E+00	1.23E-02
544	ALL		484075	3717075	NonCancer	0.00E+00	1.70E-05	0.00E+00	5.47E-06	5.47E-06	1.60E-04	4.70E-04	0.00E+00	3.95E-06	0.00E+00	5.47E-06	1.25E-02	0.00E+00	0.00E+00	1.25E-02
545	ALL		484125	3717075	NonCancer	0.00E+00	2.05E-05	0.00E+00	4.81E-06	4.81E-06	1.90E-04	5.58E-04	0.00E+00	4.76E-06	0.00E+00	4.81E-06	1.00E-02	0.00E+00	0.00E+00	1.00E-02
546	ALL		484175	3717075	NonCancer	0.00E+00	2.26E-05	0.00E+00	2.82E-06	2.82E-06	2.07E-04	6.07E-04	0.00E+00	5.23E-06	0.00E+00	2.82E-06	4.22E-03	0.00E+00	0.00E+00	4.22E-03
547	ALL		484225	3717075	NonCancer	0.00E+00	2.17E-05	0.00E+00	2.70E-06	2.70E-06	1.99E-04	5.85E-04	0.00E+00	5.03E-06	0.00E+00	2.70E-06	3.94E-03	0.00E+00	0.00E+00	3.94E-03
548	ALL		484275	3717075	NonCancer	0.00E+00	2.10E-05	0.00E+00	2.58E-06	2.58E-06	1.93E-04	5.66E-04	0.00E+00	4.87E-06	0.00E+00	2.58E-06	3.69E-03	0.00E+00	0.00E+00	3.69E-03
549	ALL		484325	3717075	NonCancer	0.00E+00	2.03E-05	0.00E+00	2.57E-06	2.57E-06	1.86E-04	5.47E-04	0.00E+00	4.70E-06	0.00E+00	2.57E-06	3.75E-03	0.00E+00	0.00E+00	3.75E-03
550	ALL		484375	3717075	NonCancer	0.00E+00	1.97E-05	0.00E+00	2.59E-06	2.59E-06	1.81E-04	5.32E-04	0.00E+00	4.58E-06	0.00E+00	2.59E-06	3.84E-03	0.00E+00	0.00E+00	3.84E-03
551	ALL		484425	3717075	NonCancer	0.00E+00	1.91E-05	0.00E+00	2.43E-06	2.43E-06	1.75E-04	5.13E-04	0.00E+00	4.42E-06	0.00E+00	2.43E-06	3.45E-03	0.00E+00	0.00E+00	3.45E-03
552	ALL		484475	3717075	NonCancer	0.00E+00	1.82E-05	0.00E+00	2.58E-06	2.58E-06	1.67E-04	4.90E-04	0.00E+00	4.22E-06	0.00E+00	2.58E-06	4.01E-03	0.00E+00	0.00E+00	4.01E-03
553	ALL		484525	3717075	NonCancer	0.00E+00	1.73E-05	0.00E+00	2.63E-06	2.63E-06	1.59E-04	4.66E-04	0.00E+00	4.00E-06	0.00E+00	2.63E-06	4.29E-03	0.00E+00	0.00E+00	4.29E-03
554	ALL		484575	3717075	NonCancer	0.00E+00	1.69E-05	0.00E+00	2.44E-06	2.44E-06	1.55E-04	4.55E-04	0.00E+00	3.91E-06	0.00E+00	2.44E-06	3.76E-03	0.00E+00	0.00E+00	3.76E-03
555	ALL		484625	3717075	NonCancer	0.00E+00	1.63E-05	0.00E+00	2.20E-06	2.20E-06	1.50E-04	4.39E-04	0.00E+00	3.78E-06	0.00E+00	2.20E-06	3.14E-03	0.00E+00	0.00E+00	3.14E-03
556	ALL		484675	3717075	NonCancer	0.00E+00	1.56E-05	0.00E+00	2.15E-06	2.15E-06	1.44E-04	4.21E-04	0.00E+00	3.62E-06	0.00E+00	2.15E-06	3.08E-03	0.00E+00	0.00E+00	3.08E-03
557	ALL		484725	3717075	NonCancer	0.00E+00	1.51E-05	0.00E+00	2.17E-06	2.17E-06	1.39E-04	4.08E-04	0.00E+00	3.51E-06	0.00E+00	2.17E-06	3.16E-03	0.00E+00	0.00E+00	3.16E-03
558	ALL		484775	3717075	NonCancer	0.00E+00	1.47E-05	0.00E+00	2.31E-06	2.31E-06	1.35E-04	3.96E-04	0.00E+00	3.41E-06	0.00E+00	2.31E-06	3.61E-03	0.00E+00	0.00E+00	3.61E-03
559	ALL		484825	3717075	NonCancer	0.00E+00	1.60E-05	0.00E+00	2.57E-06	2.57E-06	1.47E-04	4.24E-04	0.00E+00	3.71E-06	0.00E+00	2.57E-06	4.41E-03	0.00E+00	0.00E+00	4.41E-03
560	ALL		484875	3717075	NonCancer	0.00E+00	1.38E-05	0.00E+00	2.54E-06	2.54E-06	1.28E-04	3.71E-04	0.00E+00	3.20E-06	0.00E+00	2.54E-06	4.49E-03	0.00E+00	0.00E+00	4.49E-03
561	ALL		484925	3717075	NonCancer	0.00E+00	1.22E-05	0.00E+00	2.33E-06	2.33E-06	1.13E-04	3.32E-04	0.00E+00	2.84E-06	0.00E+00	2.33E-06	4.09E-03	0.00E+00	0.00E+00	4.09E-03
562	ALL		484975	3717075	NonCancer	0.00E+00	1.15E-05	0.00E+00	2.01E-06	2.01E-06	1.06E-04	3.12E-04	0.00E+00	2.66E-06	0.00E+00	2.01E-06	3.32E-03	0.00E+00	0.00E+00	3.32E-03
563	ALL		485025	3717075	NonCancer	0.00E+00	1.08E-05	0.00E+00	1.84E-06	1.84E-06	9.93E-05	2.94E-04	0.00E+00	2.50E-06	0.00E+00	1.84E-06	2.99E-03	0.00E+00	0.00E+00	2.99E-03
564	ALL		485075	3717075	NonCancer	0.00E+00	1.01E-05	0.00E+00	1.80E-06	1.80E-06	9.30E-05	2.75E-04	0.00E+00	2.34E-06	0.00E+00	1.80E-06	3.01E-03	0.00E+00	0.00E+00	3.01E-03
565	ALL		485125	3717075	NonCancer	0.00E+00	9.49E-06	0.00E+00	1.71E-06	1.71E-06	8.76E-05	2.60E-04	0.00E+00	2.20E-06	0.00E+00	1.71E-06	2.88E-03	0.00E+00	0.00E+00	2.88E-03
566	ALL		485175	3717075	NonCancer	0.00E+00	8.99E-06	0.00E+00	1.59E-06	1.59E-06	8.30E-05	2.46E-04	0.00E+00	2.09E-06	0.00E+00	1.59E-06	2.64E-03	0.00E+00	0.00E+00	2.64E-03
567	ALL		485225	3717075	NonCancer	0.00E+00	8.52E-06	0.00E+00	1.44E-06	1.44E-06	7.86E-05	2.34E-04	0.00E+00	1.98E-06	0.00E+00	1.44E-06	2.32E-03	0.00E+00	0.00E+00	2.32E-03
568	ALL		485275	3717075	NonCancer	0.00E+00	8.08E-06	0.00E+00	1.29E-06	1.29E-06	7.44E-05	2.22E-04	0.00E+00	1.87E-06	0.00E+00	1.29E-06	1.97E-03	0.00E+00	0.00E+00	1.97E-03
569	ALL		485325	3717075	NonCancer	0.00E+00	7.61E-06	0.00E+00	1.16E-06	1.16E-06	7.00E-05	2.09E-04	0.00E+00	1.76E-06	0.00E+00	1.16E-06	1.69E-03	0.00E+00	0.00E+00	1.69E-03
570	ALL		485375	3717075	NonCancer	0.00E+00	7.21E-06	0.00E+00	1.10E-06	1.10E-06	6.64E-05	1.99E-04	0.00E+00	1.67E-06	0.00E+00	1.10E-06	1.61E-03	0.00E+00	0.00E+00	1.61E-03
571	ALL		485425	3717075	NonCancer	0.00E+00	6.93E-06	0.00E+00	1.07E-06	1.07E-06	6.38E-05	1.91E-04	0.00E+00	1.61E-06	0.00E+00	1.07E-06	1.59E-03	0.00E+00	0.00E+00	1.59E-03
572	ALL		485475	3717075	NonCancer	0.00E+00	6.61E-06	0.00E+00	1.03E-06	1.03E-06	6.08E-05	1.82E-04	0.00E+00	1.53E-06	0.00E+00	1.03E-06	1.53E-03	0.00E+00	0.00E+00	1.53E-03
573	ALL		482925	3717125	NonCancer	0.00E+00	8.64E-06	0.00E+00	9.71E-07	9.71E-07	7.92E-05	2.62E-04	0.00E+00	2.00E-06	0.00E+00	9.71E-07	1.49E-03	0.00E+00	0.00E+00	1.49E-03
574	ALL		482975	3717125	NonCancer	0.00E+00	9.16E-06	0.00E+00	1.03E-06	1.03E-06	8.40E-05	2.78E-04	0.00E+00	2.13E-06	0.00E+00	1.03E-06	1.59E-03	0.00E+00	0.00E+00	1.59E-03
575	ALL		483025	3717125	NonCancer	0.00E+00	9.43E-06	0.00E+00	1.10E-06	1.10E-06	8.65E-05	2.83E-04	0.00E+00	2.19E-06	0.00E+00	1.10E-06	1.72E-03	0.00E+00	0.00E+00	1.72E-03
576	ALL		483075	3717125	NonCancer	0.00E+00	9.71E-06	0.00E+00	1.17E-06	1.17E-06	8.91E-05	2.90E-04	0.00E+00	2.25E-06	0.00E+00	1.17E-06	1.83E-03	0.00E+00	0.00E+00	1.83E-03
577	ALL		483125	3717125	NonCancer	0.00E+00	1.04E-05	0.00E+00	1.23E-06	1.23E-06	9.55E-05	3.12E-04	0.00E+00	2.42E-06	0.00E+00	1.23E-06	1.92E-03	0.00E+00	0.00E+00	1.92E-03
578	ALL		483175	3717125	NonCancer	0.00E+00	1.09E-05	0.00E+00	1.30E-06	1.30E-06	1.00E-04	3.28E-04	0.00E+00	2.53E-06	0.00E+00	1.30E-06	2.03E-03	0.00E+00	0.00E+00	2.03E-03
579	ALL		483225	3717125	NonCancer	0.00E+00	1.05E-05	0.00E+00	1.35E-06	1.35E-06	9.62E-05	3.20E-04	0.00E+00	2.43E-06	0.00E+00	1.35E-06	2.10E-03	0.00E+00	0.00E+00	2.10E-03
580	ALL		483275	3717125	NonCancer	0.00E+00	1.19E-05	0.00E+00	1.44E-06	1.44E-06	1.10E-04	3.66E-04	0.00E+00	2.77E-06	0.00E+00	1.44E-06	2.24E-03	0.00E+00	0.00E+00	2.24E-03
581	ALL		483325	3717125	NonCancer	0.00E+00	1.56E-05	0.00E+00	1.52E-06	1.52E-06	1.43E-04	4.88E-04	0.00E+00	3.63E-06	0.00E+00	1.52E-06	2.34E-03	0.00E+00	0.00E+00	2.34E-03
582	ALL		483375	3717125	NonCancer	0.00E+00	2.02E-05	0.00E+00	1.63E-06	1.63E-06	1.84E-04	6.56E-04	0.00E+00	4.68E-06	0.00E+00	1.63E-06	2.49E-03	0.00E+00	0.00E+00	2.49E-03
583	ALL		483425	3717125	NonCancer	0.00E+00	3.47E-05	0.00E+00	1.91E-06	1.91E-06	3.16E-04	1.21E-03	0.00E+00	8.04E-06	0.00E+00	1.91E-06	2.90E-03	0.00E+00	0.00E+00	2.90E-03
584	ALL		483475	3717125	NonCancer	0.00E+00	1.07E-04	0.00E+00	3.23E-06	3.23E-06	9.73E-04	3.99E-03	0.00E+00	2.49E-05	0.00E+00	3.23E-06	4.99E-03	0.00E+00	0.00E+00	4.99E-03
585	ALL		483525	3717125	NonCancer	0.00E+00	3.25E-05	0.00E+00	1.95E-06	1.95E-06	2.96E-04	1.11E-03	0.00E+00	7.53E-06	0.00E+00	1.95E-06	2.91E-03	0.00E+00	0.00E+00	2.91E-03

*HARP - HRACalc v19044 3/19/2020 1:54:21 PM - Chronic Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitChronicHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
586	ALL		483575	3717125	NonCancei	0.00E+00	2.46E-05	0.00E+00	1.86E-06	1.86E-06	2.25E-04	7.95E-04	0.00E+00	5.72E-06	0.00E+00	1.86E-06	2.74E-03	0.00E+00	0.00E+00	2.74E-03
587	ALL		483625	3717125	NonCancei	0.00E+00	2.27E-05	0.00E+00	1.98E-06	1.98E-06	2.08E-04	7.05E-04	0.00E+00	5.28E-06	0.00E+00	1.98E-06	2.94E-03	0.00E+00	0.00E+00	2.94E-03
588	ALL		483675	3717125	NonCancei	0.00E+00	2.16E-05	0.00E+00	2.11E-06	2.11E-06	1.98E-04	6.44E-04	0.00E+00	5.01E-06	0.00E+00	2.11E-06	3.16E-03	0.00E+00	0.00E+00	3.16E-03
589	ALL		483725	3717125	NonCancei	0.00E+00	1.94E-05	0.00E+00	2.26E-06	2.26E-06	1.78E-04	5.59E-04	0.00E+00	4.49E-06	0.00E+00	2.26E-06	3.43E-03	0.00E+00	0.00E+00	3.43E-03
590	ALL		483775	3717125	NonCancei	0.00E+00	1.87E-05	0.00E+00	2.33E-06	2.33E-06	1.72E-04	5.35E-04	0.00E+00	4.34E-06	0.00E+00	2.33E-06	3.49E-03	0.00E+00	0.00E+00	3.49E-03
591	ALL		483825	3717125	NonCancei	0.00E+00	2.17E-05	0.00E+00	2.48E-06	2.48E-06	1.99E-04	6.08E-04	0.00E+00	5.03E-06	0.00E+00	2.48E-06	3.74E-03	0.00E+00	0.00E+00	3.74E-03
592	ALL		483875	3717125	NonCancei	0.00E+00	2.26E-05	0.00E+00	2.59E-06	2.59E-06	2.07E-04	6.28E-04	0.00E+00	5.24E-06	0.00E+00	2.59E-06	3.89E-03	0.00E+00	0.00E+00	3.89E-03
593	ALL		483925	3717125	NonCancei	0.00E+00	2.17E-05	0.00E+00	2.69E-06	2.69E-06	1.99E-04	6.00E-04	0.00E+00	5.04E-06	0.00E+00	2.69E-06	4.04E-03	0.00E+00	0.00E+00	4.04E-03
594	ALL		483975	3717125	NonCancei	0.00E+00	2.11E-05	0.00E+00	3.81E-06	3.81E-06	1.95E-04	5.79E-04	0.00E+00	4.89E-06	0.00E+00	3.81E-06	7.26E-03	0.00E+00	0.00E+00	7.26E-03
595	ALL		484025	3717125	NonCancei	0.00E+00	2.12E-05	0.00E+00	4.44E-06	4.44E-06	1.97E-04	5.81E-04	0.00E+00	4.93E-06	0.00E+00	4.44E-06	8.97E-03	0.00E+00	0.00E+00	8.97E-03
596	ALL		484075	3717125	NonCancei	0.00E+00	1.95E-05	0.00E+00	5.70E-06	5.70E-06	1.82E-04	5.35E-04	0.00E+00	4.53E-06	0.00E+00	5.70E-06	1.27E-02	0.00E+00	0.00E+00	1.27E-02
597	ALL		484125	3717125	NonCancei	0.00E+00	2.11E-05	0.00E+00	5.71E-06	5.71E-06	1.96E-04	5.73E-04	0.00E+00	4.88E-06	0.00E+00	5.71E-06	1.24E-02	0.00E+00	0.00E+00	1.24E-02
598	ALL		484175	3717125	NonCancei	0.00E+00	2.52E-05	0.00E+00	3.11E-06	3.11E-06	2.31E-04	6.75E-04	0.00E+00	5.85E-06	0.00E+00	3.11E-06	4.64E-03	0.00E+00	0.00E+00	4.64E-03
599	ALL		484225	3717125	NonCancei	0.00E+00	2.46E-05	0.00E+00	3.04E-06	3.04E-06	2.26E-04	6.60E-04	0.00E+00	5.71E-06	0.00E+00	3.04E-06	4.46E-03	0.00E+00	0.00E+00	4.46E-03
600	ALL		484275	3717125	NonCancei	0.00E+00	2.39E-05	0.00E+00	2.94E-06	2.94E-06	2.19E-04	6.39E-04	0.00E+00	5.54E-06	0.00E+00	2.94E-06	4.22E-03	0.00E+00	0.00E+00	4.22E-03
601	ALL		484325	3717125	NonCancei	0.00E+00	2.30E-05	0.00E+00	2.92E-06	2.92E-06	2.11E-04	6.17E-04	0.00E+00	5.34E-06	0.00E+00	2.92E-06	4.29E-03	0.00E+00	0.00E+00	4.29E-03
602	ALL		484375	3717125	NonCancei	0.00E+00	2.22E-05	0.00E+00	2.89E-06	2.89E-06	2.04E-04	5.95E-04	0.00E+00	5.15E-06	0.00E+00	2.89E-06	4.29E-03	0.00E+00	0.00E+00	4.29E-03
603	ALL		484425	3717125	NonCancei	0.00E+00	2.12E-05	0.00E+00	2.67E-06	2.67E-06	1.94E-04	5.68E-04	0.00E+00	4.91E-06	0.00E+00	2.67E-06	3.78E-03	0.00E+00	0.00E+00	3.78E-03
604	ALL		484475	3717125	NonCancei	0.00E+00	2.01E-05	0.00E+00	2.94E-06	2.94E-06	1.85E-04	5.41E-04	0.00E+00	4.67E-06	0.00E+00	2.94E-06	4.67E-03	0.00E+00	0.00E+00	4.67E-03
605	ALL		484525	3717125	NonCancei	0.00E+00	1.91E-05	0.00E+00	2.89E-06	2.89E-06	1.76E-04	5.14E-04	0.00E+00	4.43E-06	0.00E+00	2.89E-06	4.66E-03	0.00E+00	0.00E+00	4.66E-03
606	ALL		484575	3717125	NonCancei	0.00E+00	1.83E-05	0.00E+00	2.51E-06	2.51E-06	1.68E-04	4.91E-04	0.00E+00	4.24E-06	0.00E+00	2.51E-06	3.70E-03	0.00E+00	0.00E+00	3.70E-03
607	ALL		484625	3717125	NonCancei	0.00E+00	1.75E-05	0.00E+00	2.34E-06	2.34E-06	1.60E-04	4.70E-04	0.00E+00	4.05E-06	0.00E+00	2.34E-06	3.29E-03	0.00E+00	0.00E+00	3.29E-03
608	ALL		484675	3717125	NonCancei	0.00E+00	1.66E-05	0.00E+00	2.27E-06	2.27E-06	1.53E-04	4.49E-04	0.00E+00	3.86E-06	0.00E+00	2.27E-06	3.22E-03	0.00E+00	0.00E+00	3.22E-03
609	ALL		484725	3717125	NonCancei	0.00E+00	1.60E-05	0.00E+00	2.39E-06	2.39E-06	1.47E-04	4.32E-04	0.00E+00	3.71E-06	0.00E+00	2.39E-06	3.62E-03	0.00E+00	0.00E+00	3.62E-03
610	ALL		484775	3717125	NonCancei	0.00E+00	1.54E-05	0.00E+00	2.71E-06	2.71E-06	1.42E-04	4.15E-04	0.00E+00	3.57E-06	0.00E+00	2.71E-06	4.60E-03	0.00E+00	0.00E+00	4.60E-03
611	ALL		484825	3717125	NonCancei	0.00E+00	1.50E-05	0.00E+00	2.84E-06	2.84E-06	1.38E-04	4.03E-04	0.00E+00	3.47E-06	0.00E+00	2.84E-06	5.04E-03	0.00E+00	0.00E+00	5.04E-03
612	ALL		484875	3717125	NonCancei	0.00E+00	1.62E-05	0.00E+00	2.84E-06	2.84E-06	1.49E-04	4.31E-04	0.00E+00	3.76E-06	0.00E+00	2.84E-06	4.98E-03	0.00E+00	0.00E+00	4.98E-03
613	ALL		484925	3717125	NonCancei	0.00E+00	1.32E-05	0.00E+00	2.35E-06	2.35E-06	1.22E-04	3.57E-04	0.00E+00	3.07E-06	0.00E+00	2.35E-06	3.94E-03	0.00E+00	0.00E+00	3.94E-03
614	ALL		484975	3717125	NonCancei	0.00E+00	1.21E-05	0.00E+00	2.08E-06	2.08E-06	1.12E-04	3.29E-04	0.00E+00	2.81E-06	0.00E+00	2.08E-06	3.37E-03	0.00E+00	0.00E+00	3.37E-03
615	ALL		485025	3717125	NonCancei	0.00E+00	1.13E-05	0.00E+00	2.03E-06	2.03E-06	1.04E-04	3.07E-04	0.00E+00	2.62E-06	0.00E+00	2.03E-06	3.40E-03	0.00E+00	0.00E+00	3.40E-03
616	ALL		485075	3717125	NonCancei	0.00E+00	1.05E-05	0.00E+00	1.91E-06	1.91E-06	9.72E-05	2.87E-04	0.00E+00	2.44E-06	0.00E+00	1.91E-06	3.23E-03	0.00E+00	0.00E+00	3.23E-03
617	ALL		485125	3717125	NonCancei	0.00E+00	9.86E-06	0.00E+00	1.75E-06	1.75E-06	9.10E-05	2.70E-04	0.00E+00	2.29E-06	0.00E+00	1.75E-06	2.92E-03	0.00E+00	0.00E+00	2.92E-03
618	ALL		485175	3717125	NonCancei	0.00E+00	9.31E-06	0.00E+00	1.58E-06	1.58E-06	8.59E-05	2.55E-04	0.00E+00	2.16E-06	0.00E+00	1.58E-06	2.54E-03	0.00E+00	0.00E+00	2.54E-03
619	ALL		485225	3717125	NonCancei	0.00E+00	8.81E-06	0.00E+00	1.40E-06	1.40E-06	8.12E-05	2.41E-04	0.00E+00	2.04E-06	0.00E+00	1.40E-06	2.13E-03	0.00E+00	0.00E+00	2.13E-03
620	ALL		485275	3717125	NonCancei	0.00E+00	8.34E-06	0.00E+00	1.27E-06	1.27E-06	7.68E-05	2.29E-04	0.00E+00	1.94E-06	0.00E+00	1.27E-06	1.85E-03	0.00E+00	0.00E+00	1.85E-03
621	ALL		485325	3717125	NonCancei	0.00E+00	7.86E-06	0.00E+00	1.20E-06	1.20E-06	7.24E-05	2.16E-04	0.00E+00	1.82E-06	0.00E+00	1.20E-06	1.76E-03	0.00E+00	0.00E+00	1.76E-03
622	ALL		485375	3717125	NonCancei	0.00E+00	7.42E-06	0.00E+00	1.13E-06	1.13E-06	6.83E-05	2.04E-04	0.00E+00	1.72E-06	0.00E+00	1.13E-06	1.66E-03	0.00E+00	0.00E+00	1.66E-03
623	ALL		485425	3717125	NonCancei	0.00E+00	7.06E-06	0.00E+00	1.09E-06	1.09E-06	6.50E-05	1.94E-04	0.00E+00	1.64E-06	0.00E+00	1.09E-06	1.61E-03	0.00E+00	0.00E+00	1.61E-03
624	ALL		485475	3717125	NonCancei	0.00E+00	6.72E-06	0.00E+00	1.05E-06	1.05E-06	6.18E-05	1.85E-04	0.00E+00	1.56E-06	0.00E+00	1.05E-06	1.56E-03	0.00E+00	0.00E+00	1.56E-03
625	ALL		482925	3717175	NonCancei	0.00E+00	8.75E-06	0.00E+00	1.00E-06	1.00E-06	8.02E-05	2.65E-04	0.00E+00	2.03E-06	0.00E+00	1.00E-06	1.56E-03	0.00E+00	0.00E+00	1.56E-03
626	ALL		482975	3717175	NonCancei	0.00E+00	9.31E-06	0.00E+00	1.05E-06	1.05E-06	8.53E-05	2.82E-04	0.00E+00	2.16E-06	0.00E+00	1.05E-06	1.63E-03	0.00E+00	0.00E+00	1.63E-03
627	ALL		483025	3717175	NonCancei	0.00E+00	9.88E-06	0.00E+00	1.10E-06	1.10E-06	9.05E-05	2.99E-04	0.00E+00	2.29E-06	0.00E+00	1.10E-06	1.69E-03	0.00E+00	0.00E+00	1.69E-03
628	ALL		483075	3717175	NonCancei	0.00E+00	1.03E-05	0.00E+00	1.18E-06	1.18E-06	9.48E-05	3.11E-04	0.00E+00	2.40E-06	0.00E+00	1.18E-06	1.83E-03	0.00E+00	0.00E+00	1.83E-03
629	ALL		483125	3717175	NonCancei	0.00E+00	1.07E-05	0.00E+00	1.26E-06	1.26E-06	9.81E-05	3.19E-04	0.00E+00	2.48E-06	0.00E+00	1.26E-06	1.97E-03	0.00E+00	0.00E+00	1.97E-03
630	ALL		483175	3717175	NonCancei	0.00E+00	1.10E-05	0.00E+00	1.33E-06	1.33E-06	1.01E-04	3.27E-04	0.00E+00	2.54E-06	0.00E+00	1.33E-06	2.08E-03	0.00E+00	0.00E+00	2.08E-03

*HARP - HRACalc v19044 3/19/2020 1:54:21 PM - Chronic Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitChronicHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
631	ALL		483225	3717175	NonCancer	0.00E+00	1.13E-05	0.00E+00	1.41E-06	1.41E-06	1.04E-04	3.39E-04	0.00E+00	2.62E-06	0.00E+00	1.41E-06	2.20E-03	0.00E+00	0.00E+00	2.20E-03
632	ALL		483275	3717175	NonCancer	0.00E+00	1.24E-05	0.00E+00	1.49E-06	1.49E-06	1.14E-04	3.76E-04	0.00E+00	2.89E-06	0.00E+00	1.49E-06	2.30E-03	0.00E+00	0.00E+00	2.30E-03
633	ALL		483325	3717175	NonCancer	0.00E+00	1.47E-05	0.00E+00	1.58E-06	1.58E-06	1.34E-04	4.48E-04	0.00E+00	3.41E-06	0.00E+00	1.58E-06	2.44E-03	0.00E+00	0.00E+00	2.44E-03
634	ALL		483375	3717175	NonCancer	0.00E+00	1.70E-05	0.00E+00	1.69E-06	1.69E-06	1.55E-04	5.27E-04	0.00E+00	3.94E-06	0.00E+00	1.69E-06	2.59E-03	0.00E+00	0.00E+00	2.59E-03
635	ALL		483425	3717175	NonCancer	0.00E+00	2.25E-05	0.00E+00	1.83E-06	1.83E-06	2.05E-04	7.28E-04	0.00E+00	5.22E-06	0.00E+00	1.83E-06	2.79E-03	0.00E+00	0.00E+00	2.79E-03
636	ALL		483475	3717175	NonCancer	0.00E+00	6.81E-05	0.00E+00	2.64E-06	2.64E-06	6.19E-04	2.48E-03	0.00E+00	1.58E-05	0.00E+00	2.64E-06	4.06E-03	0.00E+00	0.00E+00	4.06E-03
637	ALL		483525	3717175	NonCancer	0.00E+00	5.80E-05	0.00E+00	2.49E-06	2.49E-06	5.27E-04	2.08E-03	0.00E+00	1.35E-05	0.00E+00	2.49E-06	3.77E-03	0.00E+00	0.00E+00	3.77E-03
638	ALL		483575	3717175	NonCancer	0.00E+00	3.00E-05	0.00E+00	2.05E-06	2.05E-06	2.74E-04	9.87E-04	0.00E+00	6.96E-06	0.00E+00	2.05E-06	3.03E-03	0.00E+00	0.00E+00	3.03E-03
639	ALL		483625	3717175	NonCancer	0.00E+00	2.56E-05	0.00E+00	2.06E-06	2.06E-06	2.34E-04	8.05E-04	0.00E+00	5.95E-06	0.00E+00	2.06E-06	3.02E-03	0.00E+00	0.00E+00	3.02E-03
640	ALL		483675	3717175	NonCancer	0.00E+00	2.43E-05	0.00E+00	2.23E-06	2.23E-06	2.22E-04	7.31E-04	0.00E+00	5.63E-06	0.00E+00	2.23E-06	3.31E-03	0.00E+00	0.00E+00	3.31E-03
641	ALL		483725	3717175	NonCancer	0.00E+00	2.37E-05	0.00E+00	2.39E-06	2.39E-06	2.17E-04	6.89E-04	0.00E+00	5.50E-06	0.00E+00	2.39E-06	3.56E-03	0.00E+00	0.00E+00	3.56E-03
642	ALL		483775	3717175	NonCancer	0.00E+00	2.32E-05	0.00E+00	2.55E-06	2.55E-06	2.13E-04	6.59E-04	0.00E+00	5.39E-06	0.00E+00	2.55E-06	3.82E-03	0.00E+00	0.00E+00	3.82E-03
643	ALL		483825	3717175	NonCancer	0.00E+00	2.47E-05	0.00E+00	2.62E-06	2.62E-06	2.26E-04	6.94E-04	0.00E+00	5.73E-06	0.00E+00	2.62E-06	3.86E-03	0.00E+00	0.00E+00	3.86E-03
644	ALL		483875	3717175	NonCancer	0.00E+00	2.53E-05	0.00E+00	2.81E-06	2.81E-06	2.32E-04	7.04E-04	0.00E+00	5.87E-06	0.00E+00	2.81E-06	4.25E-03	0.00E+00	0.00E+00	4.25E-03
645	ALL		483925	3717175	NonCancer	0.00E+00	2.61E-05	0.00E+00	2.90E-06	2.90E-06	2.39E-04	7.16E-04	0.00E+00	6.05E-06	0.00E+00	2.90E-06	4.29E-03	0.00E+00	0.00E+00	4.29E-03
646	ALL		483975	3717175	NonCancer	0.00E+00	2.67E-05	0.00E+00	3.03E-06	3.03E-06	2.45E-04	7.27E-04	0.00E+00	6.20E-06	0.00E+00	3.03E-06	4.47E-03	0.00E+00	0.00E+00	4.47E-03
647	ALL		484025	3717175	NonCancer	0.00E+00	2.67E-05	0.00E+00	3.20E-06	3.20E-06	2.45E-04	7.22E-04	0.00E+00	6.19E-06	0.00E+00	3.20E-06	4.78E-03	0.00E+00	0.00E+00	4.78E-03
648	ALL		484075	3717175	NonCancer	0.00E+00	2.57E-05	0.00E+00	4.60E-06	4.60E-06	2.37E-04	6.93E-04	0.00E+00	5.96E-06	0.00E+00	4.60E-06	8.78E-03	0.00E+00	0.00E+00	8.78E-03
649	ALL		484125	3717175	NonCancer	0.00E+00	2.70E-05	0.00E+00	4.61E-06	4.61E-06	2.49E-04	7.24E-04	0.00E+00	6.26E-06	0.00E+00	4.61E-06	8.61E-03	0.00E+00	0.00E+00	8.61E-03
650	ALL		484175	3717175	NonCancer	0.00E+00	2.83E-05	0.00E+00	4.11E-06	4.11E-06	2.61E-04	7.55E-04	0.00E+00	6.57E-06	0.00E+00	4.11E-06	7.02E-03	0.00E+00	0.00E+00	7.02E-03
651	ALL		484225	3717175	NonCancer	0.00E+00	2.85E-05	0.00E+00	3.47E-06	3.47E-06	2.61E-04	7.58E-04	0.00E+00	6.60E-06	0.00E+00	3.47E-06	5.11E-03	0.00E+00	0.00E+00	5.11E-03
652	ALL		484275	3717175	NonCancer	0.00E+00	2.73E-05	0.00E+00	3.33E-06	3.33E-06	2.50E-04	7.26E-04	0.00E+00	6.32E-06	0.00E+00	3.33E-06	4.79E-03	0.00E+00	0.00E+00	4.79E-03
653	ALL		484325	3717175	NonCancer	0.00E+00	2.63E-05	0.00E+00	3.34E-06	3.34E-06	2.41E-04	7.00E-04	0.00E+00	6.09E-06	0.00E+00	3.34E-06	4.93E-03	0.00E+00	0.00E+00	4.93E-03
654	ALL		484375	3717175	NonCancer	0.00E+00	2.48E-05	0.00E+00	3.21E-06	3.21E-06	2.28E-04	6.62E-04	0.00E+00	5.75E-06	0.00E+00	3.21E-06	4.76E-03	0.00E+00	0.00E+00	4.76E-03
655	ALL		484425	3717175	NonCancer	0.00E+00	2.35E-05	0.00E+00	3.04E-06	3.04E-06	2.16E-04	6.29E-04	0.00E+00	5.46E-06	0.00E+00	3.04E-06	4.42E-03	0.00E+00	0.00E+00	4.42E-03
656	ALL		484475	3717175	NonCancer	0.00E+00	2.24E-05	0.00E+00	3.32E-06	3.32E-06	2.06E-04	5.99E-04	0.00E+00	5.19E-06	0.00E+00	3.32E-06	5.34E-03	0.00E+00	0.00E+00	5.34E-03
657	ALL		484525	3717175	NonCancer	0.00E+00	2.14E-05	0.00E+00	3.16E-06	3.16E-06	1.97E-04	5.73E-04	0.00E+00	4.96E-06	0.00E+00	3.16E-06	4.99E-03	0.00E+00	0.00E+00	4.99E-03
658	ALL		484575	3717175	NonCancer	0.00E+00	2.03E-05	0.00E+00	2.68E-06	2.68E-06	1.86E-04	5.44E-04	0.00E+00	4.71E-06	0.00E+00	2.68E-06	3.77E-03	0.00E+00	0.00E+00	3.77E-03
659	ALL		484625	3717175	NonCancer	0.00E+00	1.92E-05	0.00E+00	2.59E-06	2.59E-06	1.77E-04	5.17E-04	0.00E+00	4.47E-06	0.00E+00	2.59E-06	3.65E-03	0.00E+00	0.00E+00	3.65E-03
660	ALL		484675	3717175	NonCancer	0.00E+00	1.80E-05	0.00E+00	2.50E-06	2.50E-06	1.65E-04	4.84E-04	0.00E+00	4.17E-06	0.00E+00	2.50E-06	3.59E-03	0.00E+00	0.00E+00	3.59E-03
661	ALL		484725	3717175	NonCancer	0.00E+00	1.70E-05	0.00E+00	2.87E-06	2.87E-06	1.57E-04	4.58E-04	0.00E+00	3.94E-06	0.00E+00	2.87E-06	4.77E-03	0.00E+00	0.00E+00	4.77E-03
662	ALL		484775	3717175	NonCancer	0.00E+00	1.63E-05	0.00E+00	3.11E-06	3.11E-06	1.51E-04	4.40E-04	0.00E+00	3.78E-06	0.00E+00	3.11E-06	5.55E-03	0.00E+00	0.00E+00	5.55E-03
663	ALL		484825	3717175	NonCancer	0.00E+00	1.55E-05	0.00E+00	3.04E-06	3.04E-06	1.43E-04	4.18E-04	0.00E+00	3.59E-06	0.00E+00	3.04E-06	5.45E-03	0.00E+00	0.00E+00	5.45E-03
664	ALL		484875	3717175	NonCancer	0.00E+00	1.47E-05	0.00E+00	2.71E-06	2.71E-06	1.36E-04	3.96E-04	0.00E+00	3.41E-06	0.00E+00	2.71E-06	4.64E-03	0.00E+00	0.00E+00	4.64E-03
665	ALL		484925	3717175	NonCancer	0.00E+00	1.37E-05	0.00E+00	2.36E-06	2.36E-06	1.26E-04	3.70E-04	0.00E+00	3.18E-06	0.00E+00	2.36E-06	3.82E-03	0.00E+00	0.00E+00	3.82E-03
666	ALL		484975	3717175	NonCancer	0.00E+00	1.27E-05	0.00E+00	2.30E-06	2.30E-06	1.17E-04	3.44E-04	0.00E+00	2.94E-06	0.00E+00	2.30E-06	3.85E-03	0.00E+00	0.00E+00	3.85E-03
667	ALL		485025	3717175	NonCancer	0.00E+00	1.17E-05	0.00E+00	2.14E-06	2.14E-06	1.08E-04	3.19E-04	0.00E+00	2.72E-06	0.00E+00	2.14E-06	3.63E-03	0.00E+00	0.00E+00	3.63E-03
668	ALL		485075	3717175	NonCancer	0.00E+00	1.09E-05	0.00E+00	1.96E-06	1.96E-06	1.01E-04	2.99E-04	0.00E+00	2.54E-06	0.00E+00	1.96E-06	3.25E-03	0.00E+00	0.00E+00	3.25E-03
669	ALL		485125	3717175	NonCancer	0.00E+00	1.02E-05	0.00E+00	1.74E-06	1.74E-06	9.44E-05	2.80E-04	0.00E+00	2.38E-06	0.00E+00	1.74E-06	2.79E-03	0.00E+00	0.00E+00	2.79E-03
670	ALL		485175	3717175	NonCancer	0.00E+00	9.63E-06	0.00E+00	1.53E-06	1.53E-06	8.87E-05	2.63E-04	0.00E+00	2.23E-06	0.00E+00	1.53E-06	2.30E-03	0.00E+00	0.00E+00	2.30E-03
671	ALL		485225	3717175	NonCancer	0.00E+00	9.08E-06	0.00E+00	1.38E-06	1.38E-06	8.36E-05	2.49E-04	0.00E+00	2.11E-06	0.00E+00	1.38E-06	2.00E-03	0.00E+00	0.00E+00	2.00E-03
672	ALL		485275	3717175	NonCancer	0.00E+00	8.60E-06	0.00E+00	1.32E-06	1.32E-06	7.91E-05	2.36E-04	0.00E+00	1.99E-06	0.00E+00	1.32E-06	1.92E-03	0.00E+00	0.00E+00	1.92E-03
673	ALL		485325	3717175	NonCancer	0.00E+00	8.11E-06	0.00E+00	1.24E-06	1.24E-06	7.46E-05	2.23E-04	0.00E+00	1.88E-06	0.00E+00	1.24E-06	1.82E-03	0.00E+00	0.00E+00	1.82E-03
674	ALL		485375	3717175	NonCancer	0.00E+00	7.64E-06	0.00E+00	1.18E-06	1.18E-06	7.03E-05	2.10E-04	0.00E+00	1.77E-06	0.00E+00	1.18E-06	1.74E-03	0.00E+00	0.00E+00	1.74E-03
675	ALL		485425	3717175	NonCancer	0.00E+00	7.22E-06	0.00E+00	1.12E-06	1.12E-06	6.64E-05	1.99E-04	0.00E+00	1.67E-06	0.00E+00	1.12E-06	1.66E-03	0.00E+00	0.00E+00	1.66E-03

*HARP - HRACalc v19044 3/19/2020 1:54:21 PM - Chronic Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitChronicHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
676	ALL		485475	3717175	NonCancer	0.00E+00	6.87E-06	0.00E+00	1.07E-06	1.07E-06	6.33E-05	1.89E-04	0.00E+00	1.59E-06	0.00E+00	1.07E-06	1.59E-03	0.00E+00	0.00E+00	1.59E-03
677	ALL		482925	3717225	NonCancer	0.00E+00	8.80E-06	0.00E+00	1.03E-06	1.03E-06	8.07E-05	2.65E-04	0.00E+00	2.04E-06	0.00E+00	1.03E-06	1.60E-03	0.00E+00	0.00E+00	1.60E-03
678	ALL		482975	3717225	NonCancer	0.00E+00	9.37E-06	0.00E+00	1.09E-06	1.09E-06	8.59E-05	2.83E-04	0.00E+00	2.17E-06	0.00E+00	1.09E-06	1.70E-03	0.00E+00	0.00E+00	1.70E-03
679	ALL		483025	3717225	NonCancer	0.00E+00	1.00E-05	0.00E+00	1.15E-06	1.15E-06	9.18E-05	3.03E-04	0.00E+00	2.32E-06	0.00E+00	1.15E-06	1.80E-03	0.00E+00	0.00E+00	1.80E-03
680	ALL		483075	3717225	NonCancer	0.00E+00	1.07E-05	0.00E+00	1.21E-06	1.21E-06	9.81E-05	3.24E-04	0.00E+00	2.48E-06	0.00E+00	1.21E-06	1.88E-03	0.00E+00	0.00E+00	1.88E-03
681	ALL		483125	3717225	NonCancer	0.00E+00	1.13E-05	0.00E+00	1.27E-06	1.27E-06	1.03E-04	3.39E-04	0.00E+00	2.62E-06	0.00E+00	1.27E-06	1.95E-03	0.00E+00	0.00E+00	1.95E-03
682	ALL		483175	3717225	NonCancer	0.00E+00	1.18E-05	0.00E+00	1.36E-06	1.36E-06	1.08E-04	3.53E-04	0.00E+00	2.74E-06	0.00E+00	1.36E-06	2.11E-03	0.00E+00	0.00E+00	2.11E-03
683	ALL		483225	3717225	NonCancer	0.00E+00	1.24E-05	0.00E+00	1.45E-06	1.45E-06	1.14E-04	3.71E-04	0.00E+00	2.89E-06	0.00E+00	1.45E-06	2.24E-03	0.00E+00	0.00E+00	2.24E-03
684	ALL		483275	3717225	NonCancer	0.00E+00	1.38E-05	0.00E+00	1.53E-06	1.53E-06	1.26E-04	4.13E-04	0.00E+00	3.19E-06	0.00E+00	1.53E-06	2.36E-03	0.00E+00	0.00E+00	2.36E-03
685	ALL		483325	3717225	NonCancer	0.00E+00	1.52E-05	0.00E+00	1.63E-06	1.63E-06	1.39E-04	4.59E-04	0.00E+00	3.52E-06	0.00E+00	1.63E-06	2.49E-03	0.00E+00	0.00E+00	2.49E-03
686	ALL		483375	3717225	NonCancer	0.00E+00	1.69E-05	0.00E+00	1.74E-06	1.74E-06	1.55E-04	5.17E-04	0.00E+00	3.92E-06	0.00E+00	1.74E-06	2.66E-03	0.00E+00	0.00E+00	2.66E-03
687	ALL		483425	3717225	NonCancer	0.00E+00	2.11E-05	0.00E+00	1.85E-06	1.85E-06	1.92E-04	6.65E-04	0.00E+00	4.88E-06	0.00E+00	1.85E-06	2.80E-03	0.00E+00	0.00E+00	2.80E-03
688	ALL		483475	3717225	NonCancer	0.00E+00	3.30E-05	0.00E+00	2.09E-06	2.09E-06	3.01E-04	1.12E-03	0.00E+00	7.66E-06	0.00E+00	2.09E-06	3.14E-03	0.00E+00	0.00E+00	3.14E-03
689	ALL		483525	3717225	NonCancer	0.00E+00	8.80E-05	0.00E+00	3.11E-06	3.11E-06	8.00E-04	3.23E-03	0.00E+00	2.04E-05	0.00E+00	3.11E-06	4.74E-03	0.00E+00	0.00E+00	4.74E-03
690	ALL		483575	3717225	NonCancer	0.00E+00	4.10E-05	0.00E+00	2.34E-06	2.34E-06	3.74E-04	1.40E-03	0.00E+00	9.52E-06	0.00E+00	2.34E-06	3.48E-03	0.00E+00	0.00E+00	3.48E-03
691	ALL		483625	3717225	NonCancer	0.00E+00	3.00E-05	0.00E+00	2.24E-06	2.24E-06	2.74E-04	9.55E-04	0.00E+00	6.96E-06	0.00E+00	2.24E-06	3.29E-03	0.00E+00	0.00E+00	3.29E-03
692	ALL		483675	3717225	NonCancer	0.00E+00	2.74E-05	0.00E+00	2.34E-06	2.34E-06	2.51E-04	8.35E-04	0.00E+00	6.36E-06	0.00E+00	2.34E-06	3.42E-03	0.00E+00	0.00E+00	3.42E-03
693	ALL		483725	3717225	NonCancer	0.00E+00	2.68E-05	0.00E+00	2.52E-06	2.52E-06	2.45E-04	7.85E-04	0.00E+00	6.21E-06	0.00E+00	2.52E-06	3.73E-03	0.00E+00	0.00E+00	3.73E-03
694	ALL		483775	3717225	NonCancer	0.00E+00	2.70E-05	0.00E+00	2.64E-06	2.64E-06	2.47E-04	7.72E-04	0.00E+00	6.27E-06	0.00E+00	2.64E-06	3.86E-03	0.00E+00	0.00E+00	3.86E-03
695	ALL		483825	3717225	NonCancer	0.00E+00	2.76E-05	0.00E+00	2.75E-06	2.75E-06	2.53E-04	7.77E-04	0.00E+00	6.41E-06	0.00E+00	2.75E-06	3.97E-03	0.00E+00	0.00E+00	3.97E-03
696	ALL		483875	3717225	NonCancer	0.00E+00	2.82E-05	0.00E+00	2.98E-06	2.98E-06	2.59E-04	7.84E-04	0.00E+00	6.55E-06	0.00E+00	2.98E-06	4.45E-03	0.00E+00	0.00E+00	4.45E-03
697	ALL		483925	3717225	NonCancer	0.00E+00	2.93E-05	0.00E+00	3.23E-06	3.23E-06	2.68E-04	8.02E-04	0.00E+00	6.80E-06	0.00E+00	3.23E-06	4.89E-03	0.00E+00	0.00E+00	4.89E-03
698	ALL		483975	3717225	NonCancer	0.00E+00	3.02E-05	0.00E+00	3.23E-06	3.23E-06	2.76E-04	8.19E-04	0.00E+00	7.00E-06	0.00E+00	3.23E-06	4.67E-03	0.00E+00	0.00E+00	4.67E-03
699	ALL		484025	3717225	NonCancer	0.00E+00	3.12E-05	0.00E+00	3.49E-06	3.49E-06	2.86E-04	8.39E-04	0.00E+00	7.23E-06	0.00E+00	3.49E-06	5.11E-03	0.00E+00	0.00E+00	5.11E-03
700	ALL		484075	3717225	NonCancer	0.00E+00	3.18E-05	0.00E+00	3.67E-06	3.67E-06	2.91E-04	8.51E-04	0.00E+00	7.38E-06	0.00E+00	3.67E-06	5.40E-03	0.00E+00	0.00E+00	5.40E-03
701	ALL		484125	3717225	NonCancer	0.00E+00	3.22E-05	0.00E+00	3.81E-06	3.81E-06	2.96E-04	8.59E-04	0.00E+00	7.48E-06	0.00E+00	3.81E-06	5.64E-03	0.00E+00	0.00E+00	5.64E-03
702	ALL		484175	3717225	NonCancer	0.00E+00	3.27E-05	0.00E+00	3.86E-06	3.86E-06	3.00E-04	8.68E-04	0.00E+00	7.58E-06	0.00E+00	3.86E-06	5.68E-03	0.00E+00	0.00E+00	5.68E-03
703	ALL		484225	3717225	NonCancer	0.00E+00	3.16E-05	0.00E+00	3.68E-06	3.68E-06	2.90E-04	8.39E-04	0.00E+00	7.34E-06	0.00E+00	3.68E-06	5.24E-03	0.00E+00	0.00E+00	5.24E-03
704	ALL		484275	3717225	NonCancer	0.00E+00	3.11E-05	0.00E+00	3.67E-06	3.67E-06	2.85E-04	8.23E-04	0.00E+00	7.20E-06	0.00E+00	3.67E-06	5.20E-03	0.00E+00	0.00E+00	5.20E-03
705	ALL		484325	3717225	NonCancer	0.00E+00	2.97E-05	0.00E+00	3.77E-06	3.77E-06	2.73E-04	7.89E-04	0.00E+00	6.90E-06	0.00E+00	3.77E-06	5.64E-03	0.00E+00	0.00E+00	5.64E-03
706	ALL		484375	3717225	NonCancer	0.00E+00	2.82E-05	0.00E+00	3.60E-06	3.60E-06	2.58E-04	7.48E-04	0.00E+00	6.53E-06	0.00E+00	3.60E-06	5.32E-03	0.00E+00	0.00E+00	5.32E-03
707	ALL		484425	3717225	NonCancer	0.00E+00	2.64E-05	0.00E+00	3.53E-06	3.53E-06	2.43E-04	7.04E-04	0.00E+00	6.13E-06	0.00E+00	3.53E-06	5.33E-03	0.00E+00	0.00E+00	5.33E-03
708	ALL		484475	3717225	NonCancer	0.00E+00	2.54E-05	0.00E+00	3.78E-06	3.78E-06	2.33E-04	6.76E-04	0.00E+00	5.89E-06	0.00E+00	3.78E-06	6.11E-03	0.00E+00	0.00E+00	6.11E-03
709	ALL		484525	3717225	NonCancer	0.00E+00	2.41E-05	0.00E+00	3.42E-06	3.42E-06	2.22E-04	6.44E-04	0.00E+00	5.60E-06	0.00E+00	3.42E-06	5.22E-03	0.00E+00	0.00E+00	5.22E-03
710	ALL		484575	3717225	NonCancer	0.00E+00	2.28E-05	0.00E+00	3.00E-06	3.00E-06	2.09E-04	6.08E-04	0.00E+00	5.28E-06	0.00E+00	3.00E-06	4.20E-03	0.00E+00	0.00E+00	4.20E-03
711	ALL		484625	3717225	NonCancer	0.00E+00	2.14E-05	0.00E+00	2.89E-06	2.89E-06	1.97E-04	5.72E-04	0.00E+00	4.96E-06	0.00E+00	2.89E-06	4.06E-03	0.00E+00	0.00E+00	4.06E-03
712	ALL		484675	3717225	NonCancer	0.00E+00	1.98E-05	0.00E+00	3.15E-06	3.15E-06	1.82E-04	5.31E-04	0.00E+00	4.59E-06	0.00E+00	3.15E-06	5.04E-03	0.00E+00	0.00E+00	5.04E-03
713	ALL		484725	3717225	NonCancer	0.00E+00	1.83E-05	0.00E+00	3.41E-06	3.41E-06	1.69E-04	4.93E-04	0.00E+00	4.24E-06	0.00E+00	3.41E-06	6.03E-03	0.00E+00	0.00E+00	6.03E-03
714	ALL		484775	3717225	NonCancer	0.00E+00	1.72E-05	0.00E+00	3.41E-06	3.41E-06	1.60E-04	4.65E-04	0.00E+00	4.00E-06	0.00E+00	3.41E-06	6.19E-03	0.00E+00	0.00E+00	6.19E-03
715	ALL		484825	3717225	NonCancer	0.00E+00	1.62E-05	0.00E+00	3.07E-06	3.07E-06	1.50E-04	4.38E-04	0.00E+00	3.76E-06	0.00E+00	3.07E-06	5.39E-03	0.00E+00	0.00E+00	5.39E-03
716	ALL		484875	3717225	NonCancer	0.00E+00	1.53E-05	0.00E+00	2.64E-06	2.64E-06	1.41E-04	4.14E-04	0.00E+00	3.55E-06	0.00E+00	2.64E-06	4.30E-03	0.00E+00	0.00E+00	4.30E-03
717	ALL		484925	3717225	NonCancer	0.00E+00	1.43E-05	0.00E+00	2.60E-06	2.60E-06	1.32E-04	3.87E-04	0.00E+00	3.32E-06	0.00E+00	2.60E-06	4.38E-03	0.00E+00	0.00E+00	4.38E-03
718	ALL		484975	3717225	NonCancer	0.00E+00	1.31E-05	0.00E+00	2.41E-06	2.41E-06	1.21E-04	3.56E-04	0.00E+00	3.04E-06	0.00E+00	2.41E-06	4.09E-03	0.00E+00	0.00E+00	4.09E-03
719	ALL		485025	3717225	NonCancer	0.00E+00	1.23E-05	0.00E+00	2.20E-06	2.20E-06	1.13E-04	3.34E-04	0.00E+00	2.85E-06	0.00E+00	2.20E-06	3.66E-03	0.00E+00	0.00E+00	3.66E-03
720	ALL		485075	3717225	NonCancer	0.00E+00	1.14E-05	0.00E+00	1.94E-06	1.94E-06	1.06E-04	3.12E-04	0.00E+00	2.66E-06	0.00E+00	1.94E-06	3.10E-03	0.00E+00	0.00E+00	3.10E-03

*HARP - HRACalc v19044 3/19/2020 1:54:21 PM - Chronic Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitChronicHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
721	ALL		485125	3717225	NonCancei	0.00E+00	1.06E-05	0.00E+00	1.68E-06	1.68E-06	9.80E-05	2.90E-04	0.00E+00	2.47E-06	0.00E+00	1.68E-06	2.51E-03	0.00E+00	0.00E+00	2.51E-03
722	ALL		485175	3717225	NonCancei	0.00E+00	9.95E-06	0.00E+00	1.51E-06	1.51E-06	9.16E-05	2.72E-04	0.00E+00	2.31E-06	0.00E+00	1.51E-06	2.17E-03	0.00E+00	0.00E+00	2.17E-03
723	ALL		485225	3717225	NonCancei	0.00E+00	9.36E-06	0.00E+00	1.43E-06	1.43E-06	8.61E-05	2.56E-04	0.00E+00	2.17E-06	0.00E+00	1.43E-06	2.07E-03	0.00E+00	0.00E+00	2.07E-03
724	ALL		485275	3717225	NonCancei	0.00E+00	8.83E-06	0.00E+00	1.36E-06	1.36E-06	8.13E-05	2.42E-04	0.00E+00	2.05E-06	0.00E+00	1.36E-06	1.99E-03	0.00E+00	0.00E+00	1.99E-03
725	ALL		485325	3717225	NonCancei	0.00E+00	8.30E-06	0.00E+00	1.29E-06	1.29E-06	7.64E-05	2.28E-04	0.00E+00	1.93E-06	0.00E+00	1.29E-06	1.89E-03	0.00E+00	0.00E+00	1.89E-03
726	ALL		485375	3717225	NonCancei	0.00E+00	7.90E-06	0.00E+00	1.23E-06	1.23E-06	7.27E-05	2.17E-04	0.00E+00	1.83E-06	0.00E+00	1.23E-06	1.83E-03	0.00E+00	0.00E+00	1.83E-03
727	ALL		485425	3717225	NonCancei	0.00E+00	7.41E-06	0.00E+00	1.18E-06	1.18E-06	6.82E-05	2.04E-04	0.00E+00	1.72E-06	0.00E+00	1.18E-06	1.78E-03	0.00E+00	0.00E+00	1.78E-03
728	ALL		485475	3717225	NonCancei	0.00E+00	7.00E-06	0.00E+00	1.14E-06	1.14E-06	6.45E-05	1.93E-04	0.00E+00	1.62E-06	0.00E+00	1.14E-06	1.76E-03	0.00E+00	0.00E+00	1.76E-03
729	ALL		482925	3717275	NonCancei	0.00E+00	8.85E-06	0.00E+00	1.02E-06	1.02E-06	8.11E-05	2.65E-04	0.00E+00	2.05E-06	0.00E+00	1.02E-06	1.56E-03	0.00E+00	0.00E+00	1.56E-03
730	ALL		482975	3717275	NonCancei	0.00E+00	9.42E-06	0.00E+00	1.10E-06	1.10E-06	8.64E-05	2.83E-04	0.00E+00	2.19E-06	0.00E+00	1.10E-06	1.71E-03	0.00E+00	0.00E+00	1.71E-03
731	ALL		483025	3717275	NonCancei	0.00E+00	1.01E-05	0.00E+00	1.18E-06	1.18E-06	9.24E-05	3.03E-04	0.00E+00	2.34E-06	0.00E+00	1.18E-06	1.85E-03	0.00E+00	0.00E+00	1.85E-03
732	ALL		483075	3717275	NonCancei	0.00E+00	1.08E-05	0.00E+00	1.26E-06	1.26E-06	9.90E-05	3.25E-04	0.00E+00	2.50E-06	0.00E+00	1.26E-06	1.98E-03	0.00E+00	0.00E+00	1.98E-03
733	ALL		483125	3717275	NonCancei	0.00E+00	1.16E-05	0.00E+00	1.34E-06	1.34E-06	1.06E-04	3.47E-04	0.00E+00	2.68E-06	0.00E+00	1.34E-06	2.10E-03	0.00E+00	0.00E+00	2.10E-03
734	ALL		483175	3717275	NonCancei	0.00E+00	1.24E-05	0.00E+00	1.41E-06	1.41E-06	1.14E-04	3.74E-04	0.00E+00	2.88E-06	0.00E+00	1.41E-06	2.19E-03	0.00E+00	0.00E+00	2.19E-03
735	ALL		483225	3717275	NonCancei	0.00E+00	1.34E-05	0.00E+00	1.47E-06	1.47E-06	1.23E-04	4.03E-04	0.00E+00	3.11E-06	0.00E+00	1.47E-06	2.26E-03	0.00E+00	0.00E+00	2.26E-03
736	ALL		483275	3717275	NonCancei	0.00E+00	1.45E-05	0.00E+00	1.56E-06	1.56E-06	1.33E-04	4.38E-04	0.00E+00	3.37E-06	0.00E+00	1.56E-06	2.38E-03	0.00E+00	0.00E+00	2.38E-03
737	ALL		483325	3717275	NonCancei	0.00E+00	1.58E-05	0.00E+00	1.66E-06	1.66E-06	1.45E-04	4.77E-04	0.00E+00	3.66E-06	0.00E+00	1.66E-06	2.52E-03	0.00E+00	0.00E+00	2.52E-03
738	ALL		483375	3717275	NonCancei	0.00E+00	1.78E-05	0.00E+00	1.77E-06	1.77E-06	1.63E-04	5.44E-04	0.00E+00	4.13E-06	0.00E+00	1.77E-06	2.68E-03	0.00E+00	0.00E+00	2.68E-03
739	ALL		483425	3717275	NonCancei	0.00E+00	2.13E-05	0.00E+00	1.88E-06	1.88E-06	1.94E-04	6.65E-04	0.00E+00	4.93E-06	0.00E+00	1.88E-06	2.81E-03	0.00E+00	0.00E+00	2.81E-03
740	ALL		483475	3717275	NonCancei	0.00E+00	2.72E-05	0.00E+00	2.05E-06	2.05E-06	2.48E-04	8.80E-04	0.00E+00	6.31E-06	0.00E+00	2.05E-06	3.05E-03	0.00E+00	0.00E+00	3.05E-03
741	ALL		483525	3717275	NonCancei	0.00E+00	4.69E-05	0.00E+00	2.47E-06	2.47E-06	4.27E-04	1.62E-03	0.00E+00	1.09E-05	0.00E+00	2.47E-06	3.70E-03	0.00E+00	0.00E+00	3.70E-03
742	ALL		483575	3717275	NonCancei	0.00E+00	1.07E-04	0.00E+00	3.61E-06	3.61E-06	9.70E-04	3.91E-03	0.00E+00	2.48E-05	0.00E+00	3.61E-06	5.50E-03	0.00E+00	0.00E+00	5.50E-03
743	ALL		483625	3717275	NonCancei	0.00E+00	3.72E-05	0.00E+00	2.47E-06	2.47E-06	3.40E-04	1.22E-03	0.00E+00	8.64E-06	0.00E+00	2.47E-06	3.63E-03	0.00E+00	0.00E+00	3.63E-03
744	ALL		483675	3717275	NonCancei	0.00E+00	3.12E-05	0.00E+00	2.47E-06	2.47E-06	2.85E-04	9.60E-04	0.00E+00	7.24E-06	0.00E+00	2.47E-06	3.59E-03	0.00E+00	0.00E+00	3.59E-03
745	ALL		483725	3717275	NonCancei	0.00E+00	2.99E-05	0.00E+00	2.58E-06	2.58E-06	2.73E-04	8.85E-04	0.00E+00	6.93E-06	0.00E+00	2.58E-06	3.74E-03	0.00E+00	0.00E+00	3.74E-03
746	ALL		483775	3717275	NonCancei	0.00E+00	3.03E-05	0.00E+00	2.77E-06	2.77E-06	2.77E-04	8.69E-04	0.00E+00	7.02E-06	0.00E+00	2.77E-06	4.01E-03	0.00E+00	0.00E+00	4.01E-03
747	ALL		483825	3717275	NonCancei	0.00E+00	3.08E-05	0.00E+00	2.89E-06	2.89E-06	2.82E-04	8.67E-04	0.00E+00	7.14E-06	0.00E+00	2.89E-06	4.12E-03	0.00E+00	0.00E+00	4.12E-03
748	ALL		483875	3717275	NonCancei	0.00E+00	3.18E-05	0.00E+00	3.07E-06	3.07E-06	2.91E-04	8.81E-04	0.00E+00	7.38E-06	0.00E+00	3.07E-06	4.36E-03	0.00E+00	0.00E+00	4.36E-03
749	ALL		483925	3717275	NonCancei	0.00E+00	3.31E-05	0.00E+00	3.56E-06	3.56E-06	3.03E-04	9.04E-04	0.00E+00	7.68E-06	0.00E+00	3.56E-06	5.44E-03	0.00E+00	0.00E+00	5.44E-03
750	ALL		483975	3717275	NonCancei	0.00E+00	3.45E-05	0.00E+00	3.67E-06	3.67E-06	3.16E-04	9.32E-04	0.00E+00	8.01E-06	0.00E+00	3.67E-06	5.41E-03	0.00E+00	0.00E+00	5.41E-03
751	ALL		484025	3717275	NonCancei	0.00E+00	3.59E-05	0.00E+00	3.79E-06	3.79E-06	3.29E-04	9.60E-04	0.00E+00	8.32E-06	0.00E+00	3.79E-06	5.43E-03	0.00E+00	0.00E+00	5.43E-03
752	ALL		484075	3717275	NonCancei	0.00E+00	3.68E-05	0.00E+00	4.03E-06	4.03E-06	3.37E-04	9.79E-04	0.00E+00	8.54E-06	0.00E+00	4.03E-06	5.84E-03	0.00E+00	0.00E+00	5.84E-03
753	ALL		484125	3717275	NonCancei	0.00E+00	3.75E-05	0.00E+00	4.18E-06	4.18E-06	3.44E-04	9.93E-04	0.00E+00	8.70E-06	0.00E+00	4.18E-06	6.06E-03	0.00E+00	0.00E+00	6.06E-03
754	ALL		484175	3717275	NonCancei	0.00E+00	3.76E-05	0.00E+00	4.25E-06	4.25E-06	3.45E-04	9.93E-04	0.00E+00	8.72E-06	0.00E+00	4.25E-06	6.11E-03	0.00E+00	0.00E+00	6.11E-03
755	ALL		484225	3717275	NonCancei	0.00E+00	3.72E-05	0.00E+00	4.27E-06	4.27E-06	3.41E-04	9.81E-04	0.00E+00	8.63E-06	0.00E+00	4.27E-06	6.09E-03	0.00E+00	0.00E+00	6.09E-03
756	ALL		484275	3717275	NonCancei	0.00E+00	3.62E-05	0.00E+00	4.18E-06	4.18E-06	3.32E-04	9.54E-04	0.00E+00	8.40E-06	0.00E+00	4.18E-06	5.89E-03	0.00E+00	0.00E+00	5.89E-03
757	ALL		484325	3717275	NonCancei	0.00E+00	3.47E-05	0.00E+00	4.37E-06	4.37E-06	3.18E-04	9.14E-04	0.00E+00	8.04E-06	0.00E+00	4.37E-06	6.57E-03	0.00E+00	0.00E+00	6.57E-03
758	ALL		484375	3717275	NonCancei	0.00E+00	3.27E-05	0.00E+00	4.11E-06	4.11E-06	3.00E-04	8.64E-04	0.00E+00	7.59E-06	0.00E+00	4.11E-06	6.01E-03	0.00E+00	0.00E+00	6.01E-03
759	ALL		484425	3717275	NonCancei	0.00E+00	3.06E-05	0.00E+00	4.21E-06	4.21E-06	2.81E-04	8.10E-04	0.00E+00	7.09E-06	0.00E+00	4.21E-06	6.53E-03	0.00E+00	0.00E+00	6.53E-03
760	ALL		484475	3717275	NonCancei	0.00E+00	2.93E-05	0.00E+00	4.32E-06	4.32E-06	2.70E-04	7.77E-04	0.00E+00	6.80E-06	0.00E+00	4.32E-06	6.92E-03	0.00E+00	0.00E+00	6.92E-03
761	ALL		484525	3717275	NonCancei	0.00E+00	2.75E-05	0.00E+00	3.69E-06	3.69E-06	2.53E-04	7.31E-04	0.00E+00	6.39E-06	0.00E+00	3.69E-06	5.33E-03	0.00E+00	0.00E+00	5.33E-03
762	ALL		484575	3717275	NonCancei	0.00E+00	2.56E-05	0.00E+00	3.41E-06	3.41E-06	2.36E-04	6.82E-04	0.00E+00	5.95E-06	0.00E+00	3.41E-06	4.78E-03	0.00E+00	0.00E+00	4.78E-03
763	ALL		484625	3717275	NonCancei	0.00E+00	2.37E-05	0.00E+00	3.51E-06	3.51E-06	2.18E-04	6.33E-04	0.00E+00	5.51E-06	0.00E+00	3.51E-06	5.31E-03	0.00E+00	0.00E+00	5.31E-03
764	ALL		484675	3717275	NonCancei	0.00E+00	2.18E-05	0.00E+00	3.90E-06	3.90E-06	2.01E-04	5.83E-04	0.00E+00	5.05E-06	0.00E+00	3.90E-06	6.76E-03	0.00E+00	0.00E+00	6.76E-03
765	ALL		484725	3717275	NonCancei	0.00E+00	2.00E-05	0.00E+00	3.95E-06	3.95E-06	1.85E-04	5.38E-04	0.00E+00	4.64E-06	0.00E+00	3.95E-06	7.18E-03	0.00E+00	0.00E+00	7.18E-03

*HARP - HRACalc v19044 3/19/2020 1:54:21 PM - Chronic Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitChronicHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
766	ALL		484775	3717275	NonCancer	0.00E+00	1.86E-05	0.00E+00	3.59E-06	3.59E-06	1.72E-04	5.00E-04	0.00E+00	4.30E-06	0.00E+00	3.59E-06	6.40E-03	0.00E+00	0.00E+00	6.40E-03
767	ALL		484825	3717275	NonCancer	0.00E+00	1.71E-05	0.00E+00	2.96E-06	2.96E-06	1.58E-04	4.62E-04	0.00E+00	3.97E-06	0.00E+00	2.96E-06	4.87E-03	0.00E+00	0.00E+00	4.87E-03
768	ALL		484875	3717275	NonCancer	0.00E+00	1.59E-05	0.00E+00	2.91E-06	2.91E-06	1.47E-04	4.31E-04	0.00E+00	3.70E-06	0.00E+00	2.91E-06	4.94E-03	0.00E+00	0.00E+00	4.94E-03
769	ALL		484925	3717275	NonCancer	0.00E+00	1.48E-05	0.00E+00	2.74E-06	2.74E-06	1.37E-04	4.00E-04	0.00E+00	3.43E-06	0.00E+00	2.74E-06	4.66E-03	0.00E+00	0.00E+00	4.66E-03
770	ALL		484975	3717275	NonCancer	0.00E+00	1.38E-05	0.00E+00	2.48E-06	2.48E-06	1.27E-04	3.74E-04	0.00E+00	3.20E-06	0.00E+00	2.48E-06	4.12E-03	0.00E+00	0.00E+00	4.12E-03
771	ALL		485025	3717275	NonCancer	0.00E+00	1.30E-05	0.00E+00	2.21E-06	2.21E-06	1.20E-04	3.53E-04	0.00E+00	3.02E-06	0.00E+00	2.21E-06	3.48E-03	0.00E+00	0.00E+00	3.48E-03
772	ALL		485075	3717275	NonCancer	0.00E+00	1.20E-05	0.00E+00	1.88E-06	1.88E-06	1.11E-04	3.27E-04	0.00E+00	2.79E-06	0.00E+00	1.88E-06	2.77E-03	0.00E+00	0.00E+00	2.77E-03
773	ALL		485125	3717275	NonCancer	0.00E+00	1.11E-05	0.00E+00	1.68E-06	1.68E-06	1.02E-04	3.02E-04	0.00E+00	2.57E-06	0.00E+00	1.68E-06	2.42E-03	0.00E+00	0.00E+00	2.42E-03
774	ALL		485175	3717275	NonCancer	0.00E+00	1.03E-05	0.00E+00	1.57E-06	1.57E-06	9.48E-05	2.81E-04	0.00E+00	2.39E-06	0.00E+00	1.57E-06	2.25E-03	0.00E+00	0.00E+00	2.25E-03
775	ALL		485225	3717275	NonCancer	0.00E+00	9.64E-06	0.00E+00	1.48E-06	1.48E-06	8.87E-05	2.64E-04	0.00E+00	2.24E-06	0.00E+00	1.48E-06	2.16E-03	0.00E+00	0.00E+00	2.16E-03
776	ALL		485275	3717275	NonCancer	0.00E+00	9.05E-06	0.00E+00	1.40E-06	1.40E-06	8.33E-05	2.48E-04	0.00E+00	2.10E-06	0.00E+00	1.40E-06	2.04E-03	0.00E+00	0.00E+00	2.04E-03
777	ALL		485325	3717275	NonCancer	0.00E+00	8.54E-06	0.00E+00	1.36E-06	1.36E-06	7.86E-05	2.34E-04	0.00E+00	1.98E-06	0.00E+00	1.36E-06	2.03E-03	0.00E+00	0.00E+00	2.03E-03
778	ALL		485375	3717275	NonCancer	0.00E+00	8.08E-06	0.00E+00	1.32E-06	1.32E-06	7.45E-05	2.22E-04	0.00E+00	1.88E-06	0.00E+00	1.32E-06	2.02E-03	0.00E+00	0.00E+00	2.02E-03
779	ALL		485425	3717275	NonCancer	0.00E+00	7.65E-06	0.00E+00	1.26E-06	1.26E-06	7.05E-05	2.10E-04	0.00E+00	1.77E-06	0.00E+00	1.26E-06	1.94E-03	0.00E+00	0.00E+00	1.94E-03
780	ALL		485475	3717275	NonCancer	0.00E+00	7.12E-06	0.00E+00	1.16E-06	1.16E-06	6.56E-05	1.96E-04	0.00E+00	1.65E-06	0.00E+00	1.16E-06	1.79E-03	0.00E+00	0.00E+00	1.79E-03
781	ALL		482925	3717325	NonCancer	0.00E+00	8.89E-06	0.00E+00	1.01E-06	1.01E-06	8.14E-05	2.65E-04	0.00E+00	2.06E-06	0.00E+00	1.01E-06	1.49E-03	0.00E+00	0.00E+00	1.49E-03
782	ALL		482975	3717325	NonCancer	0.00E+00	9.47E-06	0.00E+00	1.08E-06	1.08E-06	8.68E-05	2.83E-04	0.00E+00	2.20E-06	0.00E+00	1.08E-06	1.63E-03	0.00E+00	0.00E+00	1.63E-03
783	ALL		483025	3717325	NonCancer	0.00E+00	1.01E-05	0.00E+00	1.18E-06	1.18E-06	9.29E-05	3.03E-04	0.00E+00	2.35E-06	0.00E+00	1.18E-06	1.81E-03	0.00E+00	0.00E+00	1.81E-03
784	ALL		483075	3717325	NonCancer	0.00E+00	1.09E-05	0.00E+00	1.27E-06	1.27E-06	9.96E-05	3.25E-04	0.00E+00	2.52E-06	0.00E+00	1.27E-06	1.98E-03	0.00E+00	0.00E+00	1.98E-03
785	ALL		483125	3717325	NonCancer	0.00E+00	1.17E-05	0.00E+00	1.37E-06	1.37E-06	1.07E-04	3.49E-04	0.00E+00	2.70E-06	0.00E+00	1.37E-06	2.16E-03	0.00E+00	0.00E+00	2.16E-03
786	ALL		483175	3717325	NonCancer	0.00E+00	1.26E-05	0.00E+00	1.47E-06	1.47E-06	1.15E-04	3.76E-04	0.00E+00	2.92E-06	0.00E+00	1.47E-06	2.33E-03	0.00E+00	0.00E+00	2.33E-03
787	ALL		483225	3717325	NonCancer	0.00E+00	1.36E-05	0.00E+00	1.56E-06	1.56E-06	1.25E-04	4.09E-04	0.00E+00	3.16E-06	0.00E+00	1.56E-06	2.47E-03	0.00E+00	0.00E+00	2.47E-03
788	ALL		483275	3717325	NonCancer	0.00E+00	1.48E-05	0.00E+00	1.65E-06	1.65E-06	1.36E-04	4.46E-04	0.00E+00	3.44E-06	0.00E+00	1.65E-06	2.59E-03	0.00E+00	0.00E+00	2.59E-03
789	ALL		483325	3717325	NonCancer	0.00E+00	1.62E-05	0.00E+00	1.74E-06	1.74E-06	1.49E-04	4.89E-04	0.00E+00	3.77E-06	0.00E+00	1.74E-06	2.67E-03	0.00E+00	0.00E+00	2.67E-03
790	ALL		483375	3717325	NonCancer	0.00E+00	1.81E-05	0.00E+00	1.81E-06	1.81E-06	1.66E-04	5.50E-04	0.00E+00	4.21E-06	0.00E+00	1.81E-06	2.71E-03	0.00E+00	0.00E+00	2.71E-03
791	ALL		483425	3717325	NonCancer	0.00E+00	2.09E-05	0.00E+00	1.93E-06	1.93E-06	1.91E-04	6.43E-04	0.00E+00	4.84E-06	0.00E+00	1.93E-06	2.87E-03	0.00E+00	0.00E+00	2.87E-03
792	ALL		483475	3717325	NonCancer	0.00E+00	2.51E-05	0.00E+00	2.08E-06	2.08E-06	2.29E-04	7.91E-04	0.00E+00	5.83E-06	0.00E+00	2.08E-06	3.06E-03	0.00E+00	0.00E+00	3.06E-03
793	ALL		483525	3717325	NonCancer	0.00E+00	3.34E-05	0.00E+00	2.31E-06	2.31E-06	3.05E-04	1.09E-03	0.00E+00	7.76E-06	0.00E+00	2.31E-06	3.41E-03	0.00E+00	0.00E+00	3.41E-03
794	ALL		483575	3717325	NonCancer	0.00E+00	8.61E-05	0.00E+00	3.35E-06	3.35E-06	7.83E-04	3.10E-03	0.00E+00	2.00E-05	0.00E+00	3.35E-06	5.06E-03	0.00E+00	0.00E+00	5.06E-03
795	ALL		483625	3717325	NonCancer	0.00E+00	5.76E-05	0.00E+00	2.96E-06	2.96E-06	5.24E-04	1.98E-03	0.00E+00	1.34E-05	0.00E+00	2.96E-06	4.38E-03	0.00E+00	0.00E+00	4.38E-03
796	ALL		483675	3717325	NonCancer	0.00E+00	3.77E-05	0.00E+00	2.73E-06	2.73E-06	3.44E-04	1.18E-03	0.00E+00	8.75E-06	0.00E+00	2.73E-06	3.97E-03	0.00E+00	0.00E+00	3.97E-03
797	ALL		483725	3717325	NonCancer	0.00E+00	3.53E-05	0.00E+00	2.86E-06	2.86E-06	3.23E-04	1.05E-03	0.00E+00	8.20E-06	0.00E+00	2.86E-06	4.13E-03	0.00E+00	0.00E+00	4.13E-03
798	ALL		483775	3717325	NonCancer	0.00E+00	3.54E-05	0.00E+00	3.06E-06	3.06E-06	3.24E-04	1.01E-03	0.00E+00	8.21E-06	0.00E+00	3.06E-06	4.42E-03	0.00E+00	0.00E+00	4.42E-03
799	ALL		483825	3717325	NonCancer	0.00E+00	3.61E-05	0.00E+00	3.27E-06	3.27E-06	3.30E-04	1.01E-03	0.00E+00	8.38E-06	0.00E+00	3.27E-06	4.71E-03	0.00E+00	0.00E+00	4.71E-03
800	ALL		483875	3717325	NonCancer	0.00E+00	3.73E-05	0.00E+00	3.46E-06	3.46E-06	3.41E-04	1.02E-03	0.00E+00	8.65E-06	0.00E+00	3.46E-06	4.92E-03	0.00E+00	0.00E+00	4.92E-03
801	ALL		483925	3717325	NonCancer	0.00E+00	3.86E-05	0.00E+00	3.86E-06	3.86E-06	3.53E-04	1.05E-03	0.00E+00	8.96E-06	0.00E+00	3.86E-06	5.73E-03	0.00E+00	0.00E+00	5.73E-03
802	ALL		483975	3717325	NonCancer	0.00E+00	4.02E-05	0.00E+00	4.28E-06	4.28E-06	3.68E-04	1.08E-03	0.00E+00	9.32E-06	0.00E+00	4.28E-06	6.54E-03	0.00E+00	0.00E+00	6.54E-03
803	ALL		484025	3717325	NonCancer	0.00E+00	4.19E-05	0.00E+00	4.24E-06	4.24E-06	3.84E-04	1.11E-03	0.00E+00	9.72E-06	0.00E+00	4.24E-06	6.03E-03	0.00E+00	0.00E+00	6.03E-03
804	ALL		484075	3717325	NonCancer	0.00E+00	4.33E-05	0.00E+00	4.47E-06	4.47E-06	3.96E-04	1.14E-03	0.00E+00	1.00E-05	0.00E+00	4.47E-06	6.37E-03	0.00E+00	0.00E+00	6.37E-03
805	ALL		484125	3717325	NonCancer	0.00E+00	4.42E-05	0.00E+00	4.62E-06	4.62E-06	4.04E-04	1.16E-03	0.00E+00	1.02E-05	0.00E+00	4.62E-06	6.53E-03	0.00E+00	0.00E+00	6.53E-03
806	ALL		484175	3717325	NonCancer	0.00E+00	4.45E-05	0.00E+00	4.77E-06	4.77E-06	4.07E-04	1.17E-03	0.00E+00	1.03E-05	0.00E+00	4.77E-06	6.74E-03	0.00E+00	0.00E+00	6.74E-03
807	ALL		484225	3717325	NonCancer	0.00E+00	4.41E-05	0.00E+00	4.83E-06	4.83E-06	4.04E-04	1.16E-03	0.00E+00	1.02E-05	0.00E+00	4.83E-06	6.80E-03	0.00E+00	0.00E+00	6.80E-03
808	ALL		484275	3717325	NonCancer	0.00E+00	4.28E-05	0.00E+00	4.76E-06	4.76E-06	3.92E-04	1.12E-03	0.00E+00	9.93E-06	0.00E+00	4.76E-06	6.62E-03	0.00E+00	0.00E+00	6.62E-03
809	ALL		484325	3717325	NonCancer	0.00E+00	4.07E-05	0.00E+00	5.06E-06	5.06E-06	3.73E-04	1.07E-03	0.00E+00	9.43E-06	0.00E+00	5.06E-06	7.67E-03	0.00E+00	0.00E+00	7.67E-03
810	ALL		484375	3717325	NonCancer	0.00E+00	3.82E-05	0.00E+00	4.67E-06	4.67E-06	3.50E-04	1.00E-03	0.00E+00	8.85E-06	0.00E+00	4.67E-06	6.77E-03	0.00E+00	0.00E+00	6.77E-03

*HARP - HRACalc v19044 3/19/2020 1:54:21 PM - Chronic Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitChronicHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
811	ALL		484425	3717325	NonCancei	0.00E+00	3.59E-05	0.00E+00	5.04E-06	5.04E-06	3.30E-04	9.46E-04	0.00E+00	8.34E-06	0.00E+00	5.04E-06	7.97E-03	0.00E+00	0.00E+00	7.97E-03
812	ALL		484475	3717325	NonCancei	0.00E+00	3.38E-05	0.00E+00	4.83E-06	4.83E-06	3.11E-04	8.91E-04	0.00E+00	7.84E-06	0.00E+00	4.83E-06	7.56E-03	0.00E+00	0.00E+00	7.56E-03
813	ALL		484525	3717325	NonCancei	0.00E+00	3.15E-05	0.00E+00	4.11E-06	4.11E-06	2.89E-04	8.31E-04	0.00E+00	7.30E-06	0.00E+00	4.11E-06	5.75E-03	0.00E+00	0.00E+00	5.75E-03
814	ALL		484575	3717325	NonCancei	0.00E+00	2.90E-05	0.00E+00	3.92E-06	3.92E-06	2.66E-04	7.68E-04	0.00E+00	6.72E-06	0.00E+00	3.92E-06	5.50E-03	0.00E+00	0.00E+00	5.50E-03
815	ALL		484625	3717325	NonCancei	0.00E+00	2.64E-05	0.00E+00	4.50E-06	4.50E-06	2.44E-04	7.04E-04	0.00E+00	6.14E-06	0.00E+00	4.50E-06	7.53E-03	0.00E+00	0.00E+00	7.53E-03
816	ALL		484675	3717325	NonCancei	0.00E+00	2.40E-05	0.00E+00	4.68E-06	4.68E-06	2.22E-04	6.42E-04	0.00E+00	5.57E-06	0.00E+00	4.68E-06	8.45E-03	0.00E+00	0.00E+00	8.45E-03
817	ALL		484725	3717325	NonCancei	0.00E+00	2.19E-05	0.00E+00	4.31E-06	4.31E-06	2.03E-04	5.88E-04	0.00E+00	5.09E-06	0.00E+00	4.31E-06	7.77E-03	0.00E+00	0.00E+00	7.77E-03
818	ALL		484775	3717325	NonCancei	0.00E+00	2.01E-05	0.00E+00	3.58E-06	3.58E-06	1.85E-04	5.40E-04	0.00E+00	4.66E-06	0.00E+00	3.58E-06	5.99E-03	0.00E+00	0.00E+00	5.99E-03
819	ALL		484825	3717325	NonCancei	0.00E+00	1.83E-05	0.00E+00	3.36E-06	3.36E-06	1.69E-04	4.93E-04	0.00E+00	4.24E-06	0.00E+00	3.36E-06	5.71E-03	0.00E+00	0.00E+00	5.71E-03
820	ALL		484875	3717325	NonCancei	0.00E+00	1.68E-05	0.00E+00	3.13E-06	3.13E-06	1.55E-04	4.55E-04	0.00E+00	3.90E-06	0.00E+00	3.13E-06	5.34E-03	0.00E+00	0.00E+00	5.34E-03
821	ALL		484925	3717325	NonCancei	0.00E+00	1.55E-05	0.00E+00	2.80E-06	2.80E-06	1.44E-04	4.21E-04	0.00E+00	3.61E-06	0.00E+00	2.80E-06	4.65E-03	0.00E+00	0.00E+00	4.65E-03
822	ALL		484975	3717325	NonCancei	0.00E+00	1.46E-05	0.00E+00	2.47E-06	2.47E-06	1.35E-04	3.96E-04	0.00E+00	3.40E-06	0.00E+00	2.47E-06	3.88E-03	0.00E+00	0.00E+00	3.88E-03
823	ALL		485025	3717325	NonCancei	0.00E+00	1.37E-05	0.00E+00	2.15E-06	2.15E-06	1.26E-04	3.70E-04	0.00E+00	3.17E-06	0.00E+00	2.15E-06	3.13E-03	0.00E+00	0.00E+00	3.13E-03
824	ALL		485075	3717325	NonCancei	0.00E+00	1.26E-05	0.00E+00	1.95E-06	1.95E-06	1.16E-04	3.41E-04	0.00E+00	2.92E-06	0.00E+00	1.95E-06	2.84E-03	0.00E+00	0.00E+00	2.84E-03
825	ALL		485125	3717325	NonCancei	0.00E+00	1.15E-05	0.00E+00	1.77E-06	1.77E-06	1.06E-04	3.14E-04	0.00E+00	2.67E-06	0.00E+00	1.77E-06	2.56E-03	0.00E+00	0.00E+00	2.56E-03
826	ALL		485175	3717325	NonCancei	0.00E+00	1.06E-05	0.00E+00	1.64E-06	1.64E-06	9.78E-05	2.90E-04	0.00E+00	2.47E-06	0.00E+00	1.64E-06	2.37E-03	0.00E+00	0.00E+00	2.37E-03
827	ALL		485225	3717325	NonCancei	0.00E+00	9.91E-06	0.00E+00	1.57E-06	1.57E-06	9.12E-05	2.71E-04	0.00E+00	2.30E-06	0.00E+00	1.57E-06	2.34E-03	0.00E+00	0.00E+00	2.34E-03
828	ALL		485275	3717325	NonCancei	0.00E+00	9.25E-06	0.00E+00	1.51E-06	1.51E-06	8.53E-05	2.54E-04	0.00E+00	2.15E-06	0.00E+00	1.51E-06	2.32E-03	0.00E+00	0.00E+00	2.32E-03
829	ALL		485325	3717325	NonCancei	0.00E+00	8.69E-06	0.00E+00	1.44E-06	1.44E-06	8.01E-05	2.38E-04	0.00E+00	2.02E-06	0.00E+00	1.44E-06	2.23E-03	0.00E+00	0.00E+00	2.23E-03
830	ALL		485375	3717325	NonCancei	0.00E+00	8.26E-06	0.00E+00	1.36E-06	1.36E-06	7.61E-05	2.27E-04	0.00E+00	1.91E-06	0.00E+00	1.36E-06	2.09E-03	0.00E+00	0.00E+00	2.09E-03
831	ALL		485425	3717325	NonCancei	0.00E+00	7.85E-06	0.00E+00	1.26E-06	1.26E-06	7.23E-05	2.16E-04	0.00E+00	1.82E-06	0.00E+00	1.26E-06	1.90E-03	0.00E+00	0.00E+00	1.90E-03
832	ALL		485475	3717325	NonCancei	0.00E+00	7.28E-06	0.00E+00	1.14E-06	1.14E-06	6.71E-05	2.01E-04	0.00E+00	1.69E-06	0.00E+00	1.14E-06	1.68E-03	0.00E+00	0.00E+00	1.68E-03
833	ALL		482925	3717375	NonCancei	0.00E+00	8.97E-06	0.00E+00	1.06E-06	1.06E-06	8.22E-05	2.66E-04	0.00E+00	2.08E-06	0.00E+00	1.06E-06	1.62E-03	0.00E+00	0.00E+00	1.62E-03
834	ALL		482975	3717375	NonCancei	0.00E+00	9.52E-06	0.00E+00	1.10E-06	1.10E-06	8.73E-05	2.83E-04	0.00E+00	2.21E-06	0.00E+00	1.10E-06	1.65E-03	0.00E+00	0.00E+00	1.65E-03
835	ALL		483025	3717375	NonCancei	0.00E+00	1.02E-05	0.00E+00	1.15E-06	1.15E-06	9.31E-05	3.02E-04	0.00E+00	2.36E-06	0.00E+00	1.15E-06	1.71E-03	0.00E+00	0.00E+00	1.71E-03
836	ALL		483075	3717375	NonCancei	0.00E+00	1.09E-05	0.00E+00	1.25E-06	1.25E-06	9.98E-05	3.24E-04	0.00E+00	2.53E-06	0.00E+00	1.25E-06	1.88E-03	0.00E+00	0.00E+00	1.88E-03
837	ALL		483125	3717375	NonCancei	0.00E+00	1.17E-05	0.00E+00	1.36E-06	1.36E-06	1.07E-04	3.48E-04	0.00E+00	2.72E-06	0.00E+00	1.36E-06	2.10E-03	0.00E+00	0.00E+00	2.10E-03
838	ALL		483175	3717375	NonCancei	0.00E+00	1.26E-05	0.00E+00	1.48E-06	1.48E-06	1.16E-04	3.76E-04	0.00E+00	2.93E-06	0.00E+00	1.48E-06	2.33E-03	0.00E+00	0.00E+00	2.33E-03
839	ALL		483225	3717375	NonCancei	0.00E+00	1.37E-05	0.00E+00	1.61E-06	1.61E-06	1.25E-04	4.07E-04	0.00E+00	3.17E-06	0.00E+00	1.61E-06	2.55E-03	0.00E+00	0.00E+00	2.55E-03
840	ALL		483275	3717375	NonCancei	0.00E+00	1.49E-05	0.00E+00	1.73E-06	1.73E-06	1.37E-04	4.44E-04	0.00E+00	3.46E-06	0.00E+00	1.73E-06	2.77E-03	0.00E+00	0.00E+00	2.77E-03
841	ALL		483325	3717375	NonCancei	0.00E+00	1.63E-05	0.00E+00	1.86E-06	1.86E-06	1.50E-04	4.89E-04	0.00E+00	3.79E-06	0.00E+00	1.86E-06	2.96E-03	0.00E+00	0.00E+00	2.96E-03
842	ALL		483375	3717375	NonCancei	0.00E+00	1.82E-05	0.00E+00	1.97E-06	1.97E-06	1.66E-04	5.46E-04	0.00E+00	4.21E-06	0.00E+00	1.97E-06	3.11E-03	0.00E+00	0.00E+00	3.11E-03
843	ALL		483425	3717375	NonCancei	0.00E+00	2.06E-05	0.00E+00	2.08E-06	2.08E-06	1.88E-04	6.23E-04	0.00E+00	4.77E-06	0.00E+00	2.08E-06	3.21E-03	0.00E+00	0.00E+00	3.21E-03
844	ALL		483475	3717375	NonCancei	0.00E+00	2.39E-05	0.00E+00	2.18E-06	2.18E-06	2.19E-04	7.35E-04	0.00E+00	5.55E-06	0.00E+00	2.18E-06	3.27E-03	0.00E+00	0.00E+00	3.27E-03
845	ALL		483525	3717375	NonCancei	0.00E+00	2.94E-05	0.00E+00	2.34E-06	2.34E-06	2.68E-04	9.22E-04	0.00E+00	6.81E-06	0.00E+00	2.34E-06	3.43E-03	0.00E+00	0.00E+00	3.43E-03
846	ALL		483575	3717375	NonCancei	0.00E+00	4.19E-05	0.00E+00	2.68E-06	2.68E-06	3.82E-04	1.38E-03	0.00E+00	9.73E-06	0.00E+00	2.68E-06	3.94E-03	0.00E+00	0.00E+00	3.94E-03
847	ALL		483625	3717375	NonCancei	0.00E+00	1.05E-04	0.00E+00	3.93E-06	3.93E-06	9.50E-04	3.75E-03	0.00E+00	2.42E-05	0.00E+00	3.93E-06	5.90E-03	0.00E+00	0.00E+00	5.90E-03
848	ALL		483675	3717375	NonCancei	0.00E+00	5.11E-05	0.00E+00	3.13E-06	3.13E-06	4.66E-04	1.65E-03	0.00E+00	1.19E-05	0.00E+00	3.13E-06	4.58E-03	0.00E+00	0.00E+00	4.58E-03
849	ALL		483725	3717375	NonCancei	0.00E+00	4.34E-05	0.00E+00	3.15E-06	3.15E-06	3.96E-04	1.29E-03	0.00E+00	1.01E-05	0.00E+00	3.15E-06	4.55E-03	0.00E+00	0.00E+00	4.55E-03
850	ALL		483775	3717375	NonCancei	0.00E+00	4.31E-05	0.00E+00	3.36E-06	3.36E-06	3.94E-04	1.23E-03	0.00E+00	1.00E-05	0.00E+00	3.36E-06	4.83E-03	0.00E+00	0.00E+00	4.83E-03
851	ALL		483825	3717375	NonCancei	0.00E+00	4.37E-05	0.00E+00	3.66E-06	3.66E-06	3.99E-04	1.21E-03	0.00E+00	1.01E-05	0.00E+00	3.66E-06	5.28E-03	0.00E+00	0.00E+00	5.28E-03
852	ALL		483875	3717375	NonCancei	0.00E+00	4.47E-05	0.00E+00	3.99E-06	3.99E-06	4.09E-04	1.22E-03	0.00E+00	1.04E-05	0.00E+00	3.99E-06	5.75E-03	0.00E+00	0.00E+00	5.75E-03
853	ALL		483925	3717375	NonCancei	0.00E+00	4.61E-05	0.00E+00	4.20E-06	4.20E-06	4.21E-04	1.24E-03	0.00E+00	1.07E-05	0.00E+00	4.20E-06	5.96E-03	0.00E+00	0.00E+00	5.96E-03
854	ALL		483975	3717375	NonCancei	0.00E+00	4.76E-05	0.00E+00	4.83E-06	4.83E-06	4.35E-04	1.27E-03	0.00E+00	1.10E-05	0.00E+00	4.83E-06	7.37E-03	0.00E+00	0.00E+00	7.37E-03
855	ALL		484025	3717375	NonCancei	0.00E+00	4.98E-05	0.00E+00	5.03E-06	5.03E-06	4.56E-04	1.32E-03	0.00E+00	1.15E-05	0.00E+00	5.03E-06	7.48E-03	0.00E+00	0.00E+00	7.48E-03

*HARP - HRACalc v19044 3/19/2020 1:54:21 PM - Chronic Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitChronicHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
856	ALL		484075	3717375	NonCancer	0.00E+00	5.18E-05	0.00E+00	5.02E-06	5.02E-06	4.74E-04	1.36E-03	0.00E+00	1.20E-05	0.00E+00	5.02E-06	7.03E-03	0.00E+00	0.00E+00	7.03E-03
857	ALL		484125	3717375	NonCancer	0.00E+00	5.33E-05	0.00E+00	5.25E-06	5.25E-06	4.88E-04	1.39E-03	0.00E+00	1.24E-05	0.00E+00	5.25E-06	7.32E-03	0.00E+00	0.00E+00	7.32E-03
858	ALL		484175	3717375	NonCancer	0.00E+00	5.39E-05	0.00E+00	5.43E-06	5.43E-06	4.93E-04	1.40E-03	0.00E+00	1.25E-05	0.00E+00	5.43E-06	7.57E-03	0.00E+00	0.00E+00	7.57E-03
859	ALL		484225	3717375	NonCancer	0.00E+00	5.36E-05	0.00E+00	5.54E-06	5.54E-06	4.90E-04	1.39E-03	0.00E+00	1.24E-05	0.00E+00	5.54E-06	7.71E-03	0.00E+00	0.00E+00	7.71E-03
860	ALL		484275	3717375	NonCancer	0.00E+00	5.19E-05	0.00E+00	5.58E-06	5.58E-06	4.75E-04	1.35E-03	0.00E+00	1.20E-05	0.00E+00	5.58E-06	7.79E-03	0.00E+00	0.00E+00	7.79E-03
861	ALL		484325	3717375	NonCancer	0.00E+00	4.85E-05	0.00E+00	5.92E-06	5.92E-06	4.45E-04	1.27E-03	0.00E+00	1.13E-05	0.00E+00	5.92E-06	9.02E-03	0.00E+00	0.00E+00	9.02E-03
862	ALL		484375	3717375	NonCancer	0.00E+00	4.55E-05	0.00E+00	5.43E-06	5.43E-06	4.17E-04	1.19E-03	0.00E+00	1.06E-05	0.00E+00	5.43E-06	7.80E-03	0.00E+00	0.00E+00	7.80E-03
863	ALL		484425	3717375	NonCancer	0.00E+00	4.22E-05	0.00E+00	5.93E-06	5.93E-06	3.88E-04	1.11E-03	0.00E+00	9.79E-06	0.00E+00	5.93E-06	9.46E-03	0.00E+00	0.00E+00	9.46E-03
864	ALL		484475	3717375	NonCancer	0.00E+00	3.90E-05	0.00E+00	5.29E-06	5.29E-06	3.58E-04	1.02E-03	0.00E+00	9.04E-06	0.00E+00	5.29E-06	7.94E-03	0.00E+00	0.00E+00	7.94E-03
865	ALL		484525	3717375	NonCancer	0.00E+00	3.58E-05	0.00E+00	4.69E-06	4.69E-06	3.28E-04	9.42E-04	0.00E+00	8.30E-06	0.00E+00	4.69E-06	6.54E-03	0.00E+00	0.00E+00	6.54E-03
866	ALL		484575	3717375	NonCancer	0.00E+00	3.25E-05	0.00E+00	5.13E-06	5.13E-06	3.00E-04	8.61E-04	0.00E+00	7.54E-06	0.00E+00	5.13E-06	8.18E-03	0.00E+00	0.00E+00	8.18E-03
867	ALL		484625	3717375	NonCancer	0.00E+00	2.94E-05	0.00E+00	5.58E-06	5.58E-06	2.72E-04	7.81E-04	0.00E+00	6.82E-06	0.00E+00	5.58E-06	9.94E-03	0.00E+00	0.00E+00	9.94E-03
868	ALL		484675	3717375	NonCancer	0.00E+00	2.64E-05	0.00E+00	5.25E-06	5.25E-06	2.44E-04	7.05E-04	0.00E+00	6.13E-06	0.00E+00	5.25E-06	9.52E-03	0.00E+00	0.00E+00	9.52E-03
869	ALL		484725	3717375	NonCancer	0.00E+00	2.39E-05	0.00E+00	4.39E-06	4.39E-06	2.21E-04	6.41E-04	0.00E+00	5.55E-06	0.00E+00	4.39E-06	7.48E-03	0.00E+00	0.00E+00	7.48E-03
870	ALL		484775	3717375	NonCancer	0.00E+00	2.17E-05	0.00E+00	4.00E-06	4.00E-06	2.01E-04	5.83E-04	0.00E+00	5.04E-06	0.00E+00	4.00E-06	6.80E-03	0.00E+00	0.00E+00	6.80E-03
871	ALL		484825	3717375	NonCancer	0.00E+00	1.95E-05	0.00E+00	3.65E-06	3.65E-06	1.80E-04	5.26E-04	0.00E+00	4.53E-06	0.00E+00	3.65E-06	6.23E-03	0.00E+00	0.00E+00	6.23E-03
872	ALL		484875	3717375	NonCancer	0.00E+00	1.78E-05	0.00E+00	3.20E-06	3.20E-06	1.64E-04	4.79E-04	0.00E+00	4.12E-06	0.00E+00	3.20E-06	5.30E-03	0.00E+00	0.00E+00	5.30E-03
873	ALL		484925	3717375	NonCancer	0.00E+00	1.63E-05	0.00E+00	2.74E-06	2.74E-06	1.51E-04	4.42E-04	0.00E+00	3.79E-06	0.00E+00	2.74E-06	4.28E-03	0.00E+00	0.00E+00	4.28E-03
874	ALL		484975	3717375	NonCancer	0.00E+00	1.53E-05	0.00E+00	2.34E-06	2.34E-06	1.41E-04	4.14E-04	0.00E+00	3.55E-06	0.00E+00	2.34E-06	3.34E-03	0.00E+00	0.00E+00	3.34E-03
875	ALL		485025	3717375	NonCancer	0.00E+00	1.42E-05	0.00E+00	2.24E-06	2.24E-06	1.31E-04	3.85E-04	0.00E+00	3.30E-06	0.00E+00	2.24E-06	3.27E-03	0.00E+00	0.00E+00	3.27E-03
876	ALL		485075	3717375	NonCancer	0.00E+00	1.30E-05	0.00E+00	2.05E-06	2.05E-06	1.20E-04	3.54E-04	0.00E+00	3.02E-06	0.00E+00	2.05E-06	2.99E-03	0.00E+00	0.00E+00	2.99E-03
877	ALL		485125	3717375	NonCancer	0.00E+00	1.19E-05	0.00E+00	1.87E-06	1.87E-06	1.10E-04	3.24E-04	0.00E+00	2.76E-06	0.00E+00	1.87E-06	2.75E-03	0.00E+00	0.00E+00	2.75E-03
878	ALL		485175	3717375	NonCancer	0.00E+00	1.09E-05	0.00E+00	1.79E-06	1.79E-06	1.01E-04	2.99E-04	0.00E+00	2.54E-06	0.00E+00	1.79E-06	2.73E-03	0.00E+00	0.00E+00	2.73E-03
879	ALL		485225	3717375	NonCancer	0.00E+00	1.02E-05	0.00E+00	1.69E-06	1.69E-06	9.38E-05	2.78E-04	0.00E+00	2.36E-06	0.00E+00	1.69E-06	2.62E-03	0.00E+00	0.00E+00	2.62E-03
880	ALL		485275	3717375	NonCancer	0.00E+00	9.48E-06	0.00E+00	1.57E-06	1.57E-06	8.74E-05	2.60E-04	0.00E+00	2.20E-06	0.00E+00	1.57E-06	2.43E-03	0.00E+00	0.00E+00	2.43E-03
881	ALL		485325	3717375	NonCancer	0.00E+00	8.86E-06	0.00E+00	1.44E-06	1.44E-06	8.16E-05	2.43E-04	0.00E+00	2.06E-06	0.00E+00	1.44E-06	2.18E-03	0.00E+00	0.00E+00	2.18E-03
882	ALL		485375	3717375	NonCancer	0.00E+00	8.46E-06	0.00E+00	1.33E-06	1.33E-06	7.79E-05	2.32E-04	0.00E+00	1.96E-06	0.00E+00	1.33E-06	1.96E-03	0.00E+00	0.00E+00	1.96E-03
883	ALL		485425	3717375	NonCancer	0.00E+00	8.05E-06	0.00E+00	1.28E-06	1.28E-06	7.41E-05	2.21E-04	0.00E+00	1.87E-06	0.00E+00	1.28E-06	1.91E-03	0.00E+00	0.00E+00	1.91E-03
884	ALL		485475	3717375	NonCancer	0.00E+00	7.43E-06	0.00E+00	1.17E-06	1.17E-06	6.85E-05	2.05E-04	0.00E+00	1.72E-06	0.00E+00	1.17E-06	1.72E-03	0.00E+00	0.00E+00	1.72E-03
885	ALL		482925	3717425	NonCancer	0.00E+00	9.00E-06	0.00E+00	1.09E-06	1.09E-06	8.26E-05	2.66E-04	0.00E+00	2.09E-06	0.00E+00	1.09E-06	1.66E-03	0.00E+00	0.00E+00	1.66E-03
886	ALL		482975	3717425	NonCancer	0.00E+00	9.58E-06	0.00E+00	1.14E-06	1.14E-06	8.78E-05	2.83E-04	0.00E+00	2.22E-06	0.00E+00	1.14E-06	1.73E-03	0.00E+00	0.00E+00	1.73E-03
887	ALL		483025	3717425	NonCancer	0.00E+00	1.02E-05	0.00E+00	1.20E-06	1.20E-06	9.36E-05	3.02E-04	0.00E+00	2.37E-06	0.00E+00	1.20E-06	1.81E-03	0.00E+00	0.00E+00	1.81E-03
888	ALL		483075	3717425	NonCancer	0.00E+00	1.09E-05	0.00E+00	1.26E-06	1.26E-06	1.00E-04	3.23E-04	0.00E+00	2.53E-06	0.00E+00	1.26E-06	1.89E-03	0.00E+00	0.00E+00	1.89E-03
889	ALL		483125	3717425	NonCancer	0.00E+00	1.17E-05	0.00E+00	1.33E-06	1.33E-06	1.07E-04	3.47E-04	0.00E+00	2.72E-06	0.00E+00	1.33E-06	1.97E-03	0.00E+00	0.00E+00	1.97E-03
890	ALL		483175	3717425	NonCancer	0.00E+00	1.26E-05	0.00E+00	1.45E-06	1.45E-06	1.16E-04	3.74E-04	0.00E+00	2.93E-06	0.00E+00	1.45E-06	2.19E-03	0.00E+00	0.00E+00	2.19E-03
891	ALL		483225	3717425	NonCancer	0.00E+00	1.37E-05	0.00E+00	1.60E-06	1.60E-06	1.26E-04	4.05E-04	0.00E+00	3.18E-06	0.00E+00	1.60E-06	2.47E-03	0.00E+00	0.00E+00	2.47E-03
892	ALL		483275	3717425	NonCancer	0.00E+00	1.49E-05	0.00E+00	1.75E-06	1.75E-06	1.37E-04	4.41E-04	0.00E+00	3.46E-06	0.00E+00	1.75E-06	2.77E-03	0.00E+00	0.00E+00	2.77E-03
893	ALL		483325	3717425	NonCancer	0.00E+00	1.64E-05	0.00E+00	1.91E-06	1.91E-06	1.50E-04	4.84E-04	0.00E+00	3.79E-06	0.00E+00	1.91E-06	3.06E-03	0.00E+00	0.00E+00	3.06E-03
894	ALL		483375	3717425	NonCancer	0.00E+00	1.81E-05	0.00E+00	2.08E-06	2.08E-06	1.66E-04	5.38E-04	0.00E+00	4.20E-06	0.00E+00	2.08E-06	3.34E-03	0.00E+00	0.00E+00	3.34E-03
895	ALL		483425	3717425	NonCancer	0.00E+00	2.04E-05	0.00E+00	2.24E-06	2.24E-06	1.87E-04	6.08E-04	0.00E+00	4.73E-06	0.00E+00	2.24E-06	3.60E-03	0.00E+00	0.00E+00	3.60E-03
896	ALL		483475	3717425	NonCancer	0.00E+00	2.34E-05	0.00E+00	2.41E-06	2.41E-06	2.14E-04	7.03E-04	0.00E+00	5.42E-06	0.00E+00	2.41E-06	3.81E-03	0.00E+00	0.00E+00	3.81E-03
897	ALL		483525	3717425	NonCancer	0.00E+00	2.77E-05	0.00E+00	2.56E-06	2.56E-06	2.53E-04	8.43E-04	0.00E+00	6.42E-06	0.00E+00	2.56E-06	3.97E-03	0.00E+00	0.00E+00	3.97E-03
898	ALL		483575	3717425	NonCancer	0.00E+00	3.51E-05	0.00E+00	2.75E-06	2.75E-06	3.21E-04	1.10E-03	0.00E+00	8.15E-06	0.00E+00	2.75E-06	4.11E-03	0.00E+00	0.00E+00	4.11E-03
899	ALL		483625	3717425	NonCancer	0.00E+00	5.84E-05	0.00E+00	3.22E-06	3.22E-06	5.32E-04	1.95E-03	0.00E+00	1.35E-05	0.00E+00	3.22E-06	4.73E-03	0.00E+00	0.00E+00	4.73E-03
900	ALL		483675	3717425	NonCancer	0.00E+00	1.15E-04	0.00E+00	4.41E-06	4.41E-06	1.05E-03	4.04E-03	0.00E+00	2.67E-05	0.00E+00	4.41E-06	6.58E-03	0.00E+00	0.00E+00	6.58E-03

*HARP - HRACalc v19044 3/19/2020 1:54:21 PM - Chronic Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitChronicHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
901	ALL		483725	3717425	NonCancei	0.00E+00	6.76E-05	0.00E+00	3.76E-06	3.76E-06	6.16E-04	1.98E-03	0.00E+00	1.57E-05	0.00E+00	3.76E-06	5.48E-03	0.00E+00	0.00E+00	5.48E-03
902	ALL		483775	3717425	NonCancei	0.00E+00	6.03E-05	0.00E+00	3.84E-06	3.84E-06	5.50E-04	1.69E-03	0.00E+00	1.40E-05	0.00E+00	3.84E-06	5.55E-03	0.00E+00	0.00E+00	5.55E-03
903	ALL		483825	3717425	NonCancei	0.00E+00	5.53E-05	0.00E+00	4.00E-06	4.00E-06	5.05E-04	1.52E-03	0.00E+00	1.28E-05	0.00E+00	4.00E-06	5.70E-03	0.00E+00	0.00E+00	5.70E-03
904	ALL		483875	3717425	NonCancei	0.00E+00	5.46E-05	0.00E+00	4.33E-06	4.33E-06	4.99E-04	1.48E-03	0.00E+00	1.27E-05	0.00E+00	4.33E-06	6.17E-03	0.00E+00	0.00E+00	6.17E-03
905	ALL		483925	3717425	NonCancei	0.00E+00	5.54E-05	0.00E+00	4.64E-06	4.64E-06	5.06E-04	1.48E-03	0.00E+00	1.28E-05	0.00E+00	4.64E-06	6.53E-03	0.00E+00	0.00E+00	6.53E-03
906	ALL		483975	3717425	NonCancei	0.00E+00	5.73E-05	0.00E+00	5.20E-06	5.20E-06	5.24E-04	1.52E-03	0.00E+00	1.33E-05	0.00E+00	5.20E-06	7.59E-03	0.00E+00	0.00E+00	7.59E-03
907	ALL		484025	3717425	NonCancei	0.00E+00	6.04E-05	0.00E+00	5.95E-06	5.95E-06	5.52E-04	1.58E-03	0.00E+00	1.40E-05	0.00E+00	5.95E-06	9.15E-03	0.00E+00	0.00E+00	9.15E-03
908	ALL		484075	3717425	NonCancei	0.00E+00	6.37E-05	0.00E+00	5.75E-06	5.75E-06	5.82E-04	1.66E-03	0.00E+00	1.48E-05	0.00E+00	5.75E-06	8.01E-03	0.00E+00	0.00E+00	8.01E-03
909	ALL		484125	3717425	NonCancei	0.00E+00	6.67E-05	0.00E+00	6.10E-06	6.10E-06	6.10E-04	1.73E-03	0.00E+00	1.55E-05	0.00E+00	6.10E-06	8.44E-03	0.00E+00	0.00E+00	8.44E-03
910	ALL		484175	3717425	NonCancei	0.00E+00	6.78E-05	0.00E+00	6.34E-06	6.34E-06	6.20E-04	1.75E-03	0.00E+00	1.57E-05	0.00E+00	6.34E-06	8.75E-03	0.00E+00	0.00E+00	8.75E-03
911	ALL		484225	3717425	NonCancei	0.00E+00	6.74E-05	0.00E+00	6.49E-06	6.49E-06	6.16E-04	1.74E-03	0.00E+00	1.56E-05	0.00E+00	6.49E-06	8.91E-03	0.00E+00	0.00E+00	8.91E-03
912	ALL		484275	3717425	NonCancei	0.00E+00	6.47E-05	0.00E+00	6.69E-06	6.69E-06	5.92E-04	1.67E-03	0.00E+00	1.50E-05	0.00E+00	6.69E-06	9.45E-03	0.00E+00	0.00E+00	9.45E-03
913	ALL		484325	3717425	NonCancei	0.00E+00	6.04E-05	0.00E+00	7.12E-06	7.12E-06	5.53E-04	1.56E-03	0.00E+00	1.40E-05	0.00E+00	7.12E-06	1.09E-02	0.00E+00	0.00E+00	1.09E-02
914	ALL		484375	3717425	NonCancei	0.00E+00	5.52E-05	0.00E+00	6.72E-06	6.72E-06	5.07E-04	1.43E-03	0.00E+00	1.28E-05	0.00E+00	6.72E-06	1.00E-02	0.00E+00	0.00E+00	1.00E-02
915	ALL		484425	3717425	NonCancei	0.00E+00	5.02E-05	0.00E+00	6.92E-06	6.92E-06	4.61E-04	1.31E-03	0.00E+00	1.16E-05	0.00E+00	6.92E-06	1.10E-02	0.00E+00	0.00E+00	1.10E-02
916	ALL		484475	3717425	NonCancei	0.00E+00	4.53E-05	0.00E+00	5.74E-06	5.74E-06	4.16E-04	1.19E-03	0.00E+00	1.05E-05	0.00E+00	5.74E-06	8.04E-03	0.00E+00	0.00E+00	8.04E-03
917	ALL		484525	3717425	NonCancei	0.00E+00	4.07E-05	0.00E+00	5.75E-06	5.75E-06	3.74E-04	1.07E-03	0.00E+00	9.44E-06	0.00E+00	5.75E-06	8.58E-03	0.00E+00	0.00E+00	8.58E-03
918	ALL		484575	3717425	NonCancei	0.00E+00	3.65E-05	0.00E+00	6.59E-06	6.59E-06	3.37E-04	9.64E-04	0.00E+00	8.46E-06	0.00E+00	6.59E-06	1.15E-02	0.00E+00	0.00E+00	1.15E-02
919	ALL		484625	3717425	NonCancei	0.00E+00	3.27E-05	0.00E+00	6.53E-06	6.53E-06	3.03E-04	8.68E-04	0.00E+00	7.59E-06	0.00E+00	6.53E-06	1.19E-02	0.00E+00	0.00E+00	1.19E-02
920	ALL		484675	3717425	NonCancei	0.00E+00	2.91E-05	0.00E+00	5.49E-06	5.49E-06	2.69E-04	7.76E-04	0.00E+00	6.76E-06	0.00E+00	5.49E-06	9.51E-03	0.00E+00	0.00E+00	9.51E-03
921	ALL		484725	3717425	NonCancei	0.00E+00	2.60E-05	0.00E+00	4.82E-06	4.82E-06	2.41E-04	6.96E-04	0.00E+00	6.04E-06	0.00E+00	4.82E-06	8.17E-03	0.00E+00	0.00E+00	8.17E-03
922	ALL		484775	3717425	NonCancei	0.00E+00	2.33E-05	0.00E+00	4.37E-06	4.37E-06	2.15E-04	6.24E-04	0.00E+00	5.40E-06	0.00E+00	4.37E-06	7.44E-03	0.00E+00	0.00E+00	7.44E-03
923	ALL		484825	3717425	NonCancei	0.00E+00	2.08E-05	0.00E+00	3.74E-06	3.74E-06	1.92E-04	5.60E-04	0.00E+00	4.83E-06	0.00E+00	3.74E-06	6.18E-03	0.00E+00	0.00E+00	6.18E-03
924	ALL		484875	3717425	NonCancei	0.00E+00	1.87E-05	0.00E+00	3.10E-06	3.10E-06	1.72E-04	5.04E-04	0.00E+00	4.34E-06	0.00E+00	3.10E-06	4.80E-03	0.00E+00	0.00E+00	4.80E-03
925	ALL		484925	3717425	NonCancei	0.00E+00	1.71E-05	0.00E+00	2.58E-06	2.58E-06	1.58E-04	4.63E-04	0.00E+00	3.98E-06	0.00E+00	2.58E-06	3.62E-03	0.00E+00	0.00E+00	3.62E-03
926	ALL		484975	3717425	NonCancei	0.00E+00	1.59E-05	0.00E+00	2.47E-06	2.47E-06	1.47E-04	4.31E-04	0.00E+00	3.70E-06	0.00E+00	2.47E-06	3.53E-03	0.00E+00	0.00E+00	3.53E-03
927	ALL		485025	3717425	NonCancei	0.00E+00	1.47E-05	0.00E+00	2.34E-06	2.34E-06	1.36E-04	3.99E-04	0.00E+00	3.42E-06	0.00E+00	2.34E-06	3.42E-03	0.00E+00	0.00E+00	3.42E-03
928	ALL		485075	3717425	NonCancei	0.00E+00	1.35E-05	0.00E+00	2.21E-06	2.21E-06	1.25E-04	3.67E-04	0.00E+00	3.14E-06	0.00E+00	2.21E-06	3.33E-03	0.00E+00	0.00E+00	3.33E-03
929	ALL		485125	3717425	NonCancei	0.00E+00	1.23E-05	0.00E+00	2.06E-06	2.06E-06	1.14E-04	3.36E-04	0.00E+00	2.86E-06	0.00E+00	2.06E-06	3.18E-03	0.00E+00	0.00E+00	3.18E-03
930	ALL		485175	3717425	NonCancei	0.00E+00	1.13E-05	0.00E+00	1.88E-06	1.88E-06	1.04E-04	3.08E-04	0.00E+00	2.62E-06	0.00E+00	1.88E-06	2.91E-03	0.00E+00	0.00E+00	2.91E-03
931	ALL		485225	3717425	NonCancei	0.00E+00	1.04E-05	0.00E+00	1.70E-06	1.70E-06	9.62E-05	2.85E-04	0.00E+00	2.42E-06	0.00E+00	1.70E-06	2.58E-03	0.00E+00	0.00E+00	2.58E-03
932	ALL		485275	3717425	NonCancei	0.00E+00	9.70E-06	0.00E+00	1.52E-06	1.52E-06	8.93E-05	2.66E-04	0.00E+00	2.25E-06	0.00E+00	1.52E-06	2.23E-03	0.00E+00	0.00E+00	2.23E-03
933	ALL		485325	3717425	NonCancei	0.00E+00	9.03E-06	0.00E+00	1.40E-06	1.40E-06	8.31E-05	2.48E-04	0.00E+00	2.09E-06	0.00E+00	1.40E-06	2.04E-03	0.00E+00	0.00E+00	2.04E-03
934	ALL		485375	3717425	NonCancei	0.00E+00	8.53E-06	0.00E+00	1.34E-06	1.34E-06	7.85E-05	2.34E-04	0.00E+00	1.98E-06	0.00E+00	1.34E-06	1.96E-03	0.00E+00	0.00E+00	1.96E-03
935	ALL		485425	3717425	NonCancei	0.00E+00	8.14E-06	0.00E+00	1.30E-06	1.30E-06	7.49E-05	2.24E-04	0.00E+00	1.89E-06	0.00E+00	1.30E-06	1.92E-03	0.00E+00	0.00E+00	1.92E-03
936	ALL		485475	3717425	NonCancei	0.00E+00	7.64E-06	0.00E+00	1.21E-06	1.21E-06	7.03E-05	2.10E-04	0.00E+00	1.77E-06	0.00E+00	1.21E-06	1.80E-03	0.00E+00	0.00E+00	1.80E-03
937	ALL		482925	3717475	NonCancei	0.00E+00	9.03E-06	0.00E+00	1.10E-06	1.10E-06	8.28E-05	2.66E-04	0.00E+00	2.09E-06	0.00E+00	1.10E-06	1.67E-03	0.00E+00	0.00E+00	1.67E-03
938	ALL		482975	3717475	NonCancei	0.00E+00	9.60E-06	0.00E+00	1.16E-06	1.16E-06	8.81E-05	2.83E-04	0.00E+00	2.23E-06	0.00E+00	1.16E-06	1.75E-03	0.00E+00	0.00E+00	1.75E-03
939	ALL		483025	3717475	NonCancei	0.00E+00	1.02E-05	0.00E+00	1.22E-06	1.22E-06	9.39E-05	3.01E-04	0.00E+00	2.37E-06	0.00E+00	1.22E-06	1.85E-03	0.00E+00	0.00E+00	1.85E-03
940	ALL		483075	3717475	NonCancei	0.00E+00	1.10E-05	0.00E+00	1.30E-06	1.30E-06	1.00E-04	3.22E-04	0.00E+00	2.54E-06	0.00E+00	1.30E-06	1.96E-03	0.00E+00	0.00E+00	1.96E-03
941	ALL		483125	3717475	NonCancei	0.00E+00	1.17E-05	0.00E+00	1.37E-06	1.37E-06	1.08E-04	3.45E-04	0.00E+00	2.72E-06	0.00E+00	1.37E-06	2.06E-03	0.00E+00	0.00E+00	2.06E-03
942	ALL		483175	3717475	NonCancei	0.00E+00	1.27E-05	0.00E+00	1.46E-06	1.46E-06	1.16E-04	3.72E-04	0.00E+00	2.94E-06	0.00E+00	1.46E-06	2.18E-03	0.00E+00	0.00E+00	2.18E-03
943	ALL		483225	3717475	NonCancei	0.00E+00	1.37E-05	0.00E+00	1.55E-06	1.55E-06	1.26E-04	4.03E-04	0.00E+00	3.18E-06	0.00E+00	1.55E-06	2.30E-03	0.00E+00	0.00E+00	2.30E-03
944	ALL		483275	3717475	NonCancei	0.00E+00	1.49E-05	0.00E+00	1.71E-06	1.71E-06	1.37E-04	4.38E-04	0.00E+00	3.46E-06	0.00E+00	1.71E-06	2.59E-03	0.00E+00	0.00E+00	2.59E-03
945	ALL		483325	3717475	NonCancei	0.00E+00	1.64E-05	0.00E+00	1.90E-06	1.90E-06	1.50E-04	4.81E-04	0.00E+00	3.80E-06	0.00E+00	1.90E-06	2.96E-03	0.00E+00	0.00E+00	2.96E-03

*HARP - HRACalc v19044 3/19/2020 1:54:21 PM - Chronic Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitChronicHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
946	ALL		483375	3717475	NonCancer	0.00E+00	1.81E-05	0.00E+00	2.11E-06	2.11E-06	1.66E-04	5.32E-04	0.00E+00	4.20E-06	0.00E+00	2.11E-06	3.35E-03	0.00E+00	0.00E+00	3.35E-03
947	ALL		483425	3717475	NonCancer	0.00E+00	2.03E-05	0.00E+00	2.34E-06	2.34E-06	1.86E-04	5.97E-04	0.00E+00	4.70E-06	0.00E+00	2.34E-06	3.76E-03	0.00E+00	0.00E+00	3.76E-03
948	ALL		483475	3717475	NonCancer	0.00E+00	2.31E-05	0.00E+00	2.57E-06	2.57E-06	2.11E-04	6.82E-04	0.00E+00	5.35E-06	0.00E+00	2.57E-06	4.15E-03	0.00E+00	0.00E+00	4.15E-03
949	ALL		483525	3717475	NonCancer	0.00E+00	2.69E-05	0.00E+00	2.80E-06	2.80E-06	2.46E-04	8.01E-04	0.00E+00	6.23E-06	0.00E+00	2.80E-06	4.51E-03	0.00E+00	0.00E+00	4.51E-03
950	ALL		483575	3717475	NonCancer	0.00E+00	3.26E-05	0.00E+00	3.04E-06	3.04E-06	2.98E-04	9.86E-04	0.00E+00	7.56E-06	0.00E+00	3.04E-06	4.83E-03	0.00E+00	0.00E+00	4.83E-03
951	ALL		483625	3717475	NonCancer	0.00E+00	4.39E-05	0.00E+00	3.33E-06	3.33E-06	4.00E-04	1.37E-03	0.00E+00	1.02E-05	0.00E+00	3.33E-06	5.15E-03	0.00E+00	0.00E+00	5.15E-03
952	ALL		483675	3717475	NonCancer	0.00E+00	1.08E-04	0.00E+00	4.53E-06	4.53E-06	9.86E-04	3.73E-03	0.00E+00	2.52E-05	0.00E+00	4.53E-06	6.86E-03	0.00E+00	0.00E+00	6.86E-03
953	ALL		483725	3717475	NonCancer	0.00E+00	1.22E-04	0.00E+00	4.89E-06	4.89E-06	1.11E-03	3.56E-03	0.00E+00	2.82E-05	0.00E+00	4.89E-06	7.22E-03	0.00E+00	0.00E+00	7.22E-03
954	ALL		483775	3717475	NonCancer	0.00E+00	1.93E-04	0.00E+00	6.42E-06	6.42E-06	1.75E-03	5.00E-03	0.00E+00	4.48E-05	0.00E+00	6.42E-06	9.62E-03	0.00E+00	0.00E+00	9.62E-03
955	ALL		483825	3717475	NonCancer	0.00E+00	9.48E-05	0.00E+00	5.01E-06	5.01E-06	8.63E-04	2.53E-03	0.00E+00	2.20E-05	0.00E+00	5.01E-06	7.25E-03	0.00E+00	0.00E+00	7.25E-03
956	ALL		483875	3717475	NonCancer	0.00E+00	7.69E-05	0.00E+00	5.06E-06	5.06E-06	7.01E-04	2.05E-03	0.00E+00	1.78E-05	0.00E+00	5.06E-06	7.21E-03	0.00E+00	0.00E+00	7.21E-03
957	ALL		483925	3717475	NonCancer	0.00E+00	7.05E-05	0.00E+00	5.34E-06	5.34E-06	6.44E-04	1.87E-03	0.00E+00	1.64E-05	0.00E+00	5.34E-06	7.56E-03	0.00E+00	0.00E+00	7.56E-03
958	ALL		483975	3717475	NonCancer	0.00E+00	7.17E-05	0.00E+00	5.69E-06	5.69E-06	6.55E-04	1.89E-03	0.00E+00	1.66E-05	0.00E+00	5.69E-06	7.90E-03	0.00E+00	0.00E+00	7.90E-03
959	ALL		484025	3717475	NonCancer	0.00E+00	7.68E-05	0.00E+00	6.85E-06	6.85E-06	7.02E-04	2.00E-03	0.00E+00	1.78E-05	0.00E+00	6.85E-06	1.04E-02	0.00E+00	0.00E+00	1.04E-02
960	ALL		484075	3717475	NonCancer	0.00E+00	8.28E-05	0.00E+00	7.34E-06	7.34E-06	7.56E-04	2.14E-03	0.00E+00	1.92E-05	0.00E+00	7.34E-06	1.10E-02	0.00E+00	0.00E+00	1.10E-02
961	ALL		484125	3717475	NonCancer	0.00E+00	8.82E-05	0.00E+00	7.26E-06	7.26E-06	8.05E-04	2.26E-03	0.00E+00	2.05E-05	0.00E+00	7.26E-06	9.95E-03	0.00E+00	0.00E+00	9.95E-03
962	ALL		484175	3717475	NonCancer	0.00E+00	9.09E-05	0.00E+00	7.66E-06	7.66E-06	8.30E-04	2.33E-03	0.00E+00	2.11E-05	0.00E+00	7.66E-06	1.05E-02	0.00E+00	0.00E+00	1.05E-02
963	ALL		484225	3717475	NonCancer	0.00E+00	9.00E-05	0.00E+00	7.84E-06	7.84E-06	8.22E-04	2.30E-03	0.00E+00	2.09E-05	0.00E+00	7.84E-06	1.07E-02	0.00E+00	0.00E+00	1.07E-02
964	ALL		484275	3717475	NonCancer	0.00E+00	8.55E-05	0.00E+00	8.26E-06	8.26E-06	7.82E-04	2.19E-03	0.00E+00	1.98E-05	0.00E+00	8.26E-06	1.18E-02	0.00E+00	0.00E+00	1.18E-02
965	ALL		484325	3717475	NonCancer	0.00E+00	7.78E-05	0.00E+00	8.69E-06	8.69E-06	7.13E-04	2.00E-03	0.00E+00	1.80E-05	0.00E+00	8.69E-06	1.32E-02	0.00E+00	0.00E+00	1.32E-02
966	ALL		484375	3717475	NonCancer	0.00E+00	6.86E-05	0.00E+00	8.39E-06	8.39E-06	6.29E-04	1.77E-03	0.00E+00	1.59E-05	0.00E+00	8.39E-06	1.29E-02	0.00E+00	0.00E+00	1.29E-02
967	ALL		484425	3717475	NonCancer	0.00E+00	6.06E-05	0.00E+00	8.01E-06	8.01E-06	5.57E-04	1.57E-03	0.00E+00	1.41E-05	0.00E+00	8.01E-06	1.23E-02	0.00E+00	0.00E+00	1.23E-02
968	ALL		484475	3717475	NonCancer	0.00E+00	5.31E-05	0.00E+00	6.76E-06	6.76E-06	4.87E-04	1.38E-03	0.00E+00	1.23E-05	0.00E+00	6.76E-06	9.48E-03	0.00E+00	0.00E+00	9.48E-03
969	ALL		484525	3717475	NonCancer	0.00E+00	4.64E-05	0.00E+00	7.72E-06	7.72E-06	4.28E-04	1.22E-03	0.00E+00	1.08E-05	0.00E+00	7.72E-06	1.30E-02	0.00E+00	0.00E+00	1.30E-02
970	ALL		484575	3717475	NonCancer	0.00E+00	4.08E-05	0.00E+00	7.99E-06	7.99E-06	3.77E-04	1.08E-03	0.00E+00	9.47E-06	0.00E+00	7.99E-06	1.45E-02	0.00E+00	0.00E+00	1.45E-02
971	ALL		484625	3717475	NonCancer	0.00E+00	3.62E-05	0.00E+00	6.97E-06	6.97E-06	3.35E-04	9.60E-04	0.00E+00	8.39E-06	0.00E+00	6.97E-06	1.23E-02	0.00E+00	0.00E+00	1.23E-02
972	ALL		484675	3717475	NonCancer	0.00E+00	3.20E-05	0.00E+00	5.96E-06	5.96E-06	2.96E-04	8.52E-04	0.00E+00	7.43E-06	0.00E+00	5.96E-06	1.01E-02	0.00E+00	0.00E+00	1.01E-02
973	ALL		484725	3717475	NonCancer	0.00E+00	2.81E-05	0.00E+00	5.29E-06	5.29E-06	2.60E-04	7.51E-04	0.00E+00	6.52E-06	0.00E+00	5.29E-06	9.00E-03	0.00E+00	0.00E+00	9.00E-03
974	ALL		484775	3717475	NonCancer	0.00E+00	2.49E-05	0.00E+00	4.47E-06	4.47E-06	2.30E-04	6.67E-04	0.00E+00	5.78E-06	0.00E+00	4.47E-06	7.31E-03	0.00E+00	0.00E+00	7.31E-03
975	ALL		484825	3717475	NonCancer	0.00E+00	2.21E-05	0.00E+00	3.62E-06	3.62E-06	2.03E-04	5.93E-04	0.00E+00	5.12E-06	0.00E+00	3.62E-06	5.50E-03	0.00E+00	0.00E+00	5.50E-03
976	ALL		484875	3717475	NonCancer	0.00E+00	1.97E-05	0.00E+00	2.94E-06	2.94E-06	1.81E-04	5.30E-04	0.00E+00	4.56E-06	0.00E+00	2.94E-06	4.09E-03	0.00E+00	0.00E+00	4.09E-03
977	ALL		484925	3717475	NonCancer	0.00E+00	1.78E-05	0.00E+00	2.76E-06	2.76E-06	1.64E-04	4.81E-04	0.00E+00	4.13E-06	0.00E+00	2.76E-06	3.95E-03	0.00E+00	0.00E+00	3.95E-03
978	ALL		484975	3717475	NonCancer	0.00E+00	1.65E-05	0.00E+00	2.69E-06	2.69E-06	1.52E-04	4.45E-04	0.00E+00	3.82E-06	0.00E+00	2.69E-06	4.05E-03	0.00E+00	0.00E+00	4.05E-03
979	ALL		485025	3717475	NonCancer	0.00E+00	1.52E-05	0.00E+00	2.55E-06	2.55E-06	1.40E-04	4.11E-04	0.00E+00	3.52E-06	0.00E+00	2.55E-06	3.91E-03	0.00E+00	0.00E+00	3.91E-03
980	ALL		485075	3717475	NonCancer	0.00E+00	1.39E-05	0.00E+00	2.34E-06	2.34E-06	1.28E-04	3.77E-04	0.00E+00	3.22E-06	0.00E+00	2.34E-06	3.59E-03	0.00E+00	0.00E+00	3.59E-03
981	ALL		485125	3717475	NonCancer	0.00E+00	1.27E-05	0.00E+00	2.08E-06	2.08E-06	1.17E-04	3.45E-04	0.00E+00	2.94E-06	0.00E+00	2.08E-06	3.14E-03	0.00E+00	0.00E+00	3.14E-03
982	ALL		485175	3717475	NonCancer	0.00E+00	1.16E-05	0.00E+00	1.82E-06	1.82E-06	1.06E-04	3.15E-04	0.00E+00	2.68E-06	0.00E+00	1.82E-06	2.66E-03	0.00E+00	0.00E+00	2.66E-03
983	ALL		485225	3717475	NonCancer	0.00E+00	1.07E-05	0.00E+00	1.68E-06	1.68E-06	9.82E-05	2.92E-04	0.00E+00	2.47E-06	0.00E+00	1.68E-06	2.44E-03	0.00E+00	0.00E+00	2.44E-03
984	ALL		485275	3717475	NonCancer	0.00E+00	9.89E-06	0.00E+00	1.57E-06	1.57E-06	9.11E-05	2.71E-04	0.00E+00	2.29E-06	0.00E+00	1.57E-06	2.31E-03	0.00E+00	0.00E+00	2.31E-03
985	ALL		485325	3717475	NonCancer	0.00E+00	9.14E-06	0.00E+00	1.45E-06	1.45E-06	8.42E-05	2.51E-04	0.00E+00	2.12E-06	0.00E+00	1.45E-06	2.13E-03	0.00E+00	0.00E+00	2.13E-03
986	ALL		485375	3717475	NonCancer	0.00E+00	8.58E-06	0.00E+00	1.34E-06	1.34E-06	7.90E-05	2.36E-04	0.00E+00	1.99E-06	0.00E+00	1.34E-06	1.96E-03	0.00E+00	0.00E+00	1.96E-03
987	ALL		485425	3717475	NonCancer	0.00E+00	8.23E-06	0.00E+00	1.31E-06	1.31E-06	7.58E-05	2.26E-04	0.00E+00	1.91E-06	0.00E+00	1.31E-06	1.93E-03	0.00E+00	0.00E+00	1.93E-03
988	ALL		485475	3717475	NonCancer	0.00E+00	7.72E-06	0.00E+00	1.22E-06	1.22E-06	7.11E-05	2.12E-04	0.00E+00	1.79E-06	0.00E+00	1.22E-06	1.81E-03	0.00E+00	0.00E+00	1.81E-03
989	ALL		482925	3717525	NonCancer	0.00E+00	9.05E-06	0.00E+00	1.10E-06	1.10E-06	8.30E-05	2.65E-04	0.00E+00	2.10E-06	0.00E+00	1.10E-06	1.64E-03	0.00E+00	0.00E+00	1.64E-03
990	ALL		482975	3717525	NonCancer	0.00E+00	9.61E-06	0.00E+00	1.15E-06	1.15E-06	8.81E-05	2.82E-04	0.00E+00	2.23E-06	0.00E+00	1.15E-06	1.71E-03	0.00E+00	0.00E+00	1.71E-03

*HARP - HRACalc v19044 3/19/2020 1:54:21 PM - Chronic Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitChronicHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
991	ALL		483025	3717525	NonCancer	0.00E+00	1.02E-05	0.00E+00	1.23E-06	1.23E-06	9.40E-05	3.00E-04	0.00E+00	2.38E-06	0.00E+00	1.23E-06	1.83E-03	0.00E+00	0.00E+00	1.83E-03
992	ALL		483075	3717525	NonCancer	0.00E+00	1.10E-05	0.00E+00	1.31E-06	1.31E-06	1.01E-04	3.21E-04	0.00E+00	2.55E-06	0.00E+00	1.31E-06	1.96E-03	0.00E+00	0.00E+00	1.96E-03
993	ALL		483125	3717525	NonCancer	0.00E+00	1.18E-05	0.00E+00	1.40E-06	1.40E-06	1.08E-04	3.44E-04	0.00E+00	2.73E-06	0.00E+00	1.40E-06	2.10E-03	0.00E+00	0.00E+00	2.10E-03
994	ALL		483175	3717525	NonCancer	0.00E+00	1.27E-05	0.00E+00	1.50E-06	1.50E-06	1.16E-04	3.71E-04	0.00E+00	2.95E-06	0.00E+00	1.50E-06	2.25E-03	0.00E+00	0.00E+00	2.25E-03
995	ALL		483225	3717525	NonCancer	0.00E+00	1.38E-05	0.00E+00	1.61E-06	1.61E-06	1.26E-04	4.01E-04	0.00E+00	3.19E-06	0.00E+00	1.61E-06	2.40E-03	0.00E+00	0.00E+00	2.40E-03
996	ALL		483275	3717525	NonCancer	0.00E+00	1.50E-05	0.00E+00	1.72E-06	1.72E-06	1.37E-04	4.36E-04	0.00E+00	3.47E-06	0.00E+00	1.72E-06	2.56E-03	0.00E+00	0.00E+00	2.56E-03
997	ALL		483325	3717525	NonCancer	0.00E+00	1.64E-05	0.00E+00	1.84E-06	1.84E-06	1.50E-04	4.77E-04	0.00E+00	3.80E-06	0.00E+00	1.84E-06	2.72E-03	0.00E+00	0.00E+00	2.72E-03
998	ALL		483375	3717525	NonCancer	0.00E+00	1.81E-05	0.00E+00	2.05E-06	2.05E-06	1.66E-04	5.28E-04	0.00E+00	4.20E-06	0.00E+00	2.05E-06	3.11E-03	0.00E+00	0.00E+00	3.11E-03
999	ALL		483425	3717525	NonCancer	0.00E+00	2.02E-05	0.00E+00	2.33E-06	2.33E-06	1.86E-04	5.90E-04	0.00E+00	4.70E-06	0.00E+00	2.33E-06	3.62E-03	0.00E+00	0.00E+00	3.62E-03
1000	ALL		483475	3717525	NonCancer	0.00E+00	2.28E-05	0.00E+00	2.62E-06	2.62E-06	2.09E-04	6.66E-04	0.00E+00	5.30E-06	0.00E+00	2.62E-06	4.16E-03	0.00E+00	0.00E+00	4.16E-03
1001	ALL		483525	3717525	NonCancer	0.00E+00	2.63E-05	0.00E+00	2.92E-06	2.92E-06	2.41E-04	7.72E-04	0.00E+00	6.11E-06	0.00E+00	2.92E-06	4.73E-03	0.00E+00	0.00E+00	4.73E-03
1002	ALL		483575	3717525	NonCancer	0.00E+00	3.13E-05	0.00E+00	3.26E-06	3.26E-06	2.86E-04	9.24E-04	0.00E+00	7.25E-06	0.00E+00	3.26E-06	5.30E-03	0.00E+00	0.00E+00	5.30E-03
1003	ALL		483625	3717525	NonCancer	0.00E+00	3.92E-05	0.00E+00	3.62E-06	3.62E-06	3.59E-04	1.18E-03	0.00E+00	9.10E-06	0.00E+00	3.62E-06	5.86E-03	0.00E+00	0.00E+00	5.86E-03
1004	ALL		483675	3717525	NonCancer	0.00E+00	5.66E-05	0.00E+00	4.10E-06	4.10E-06	5.17E-04	1.76E-03	0.00E+00	1.31E-05	0.00E+00	4.10E-06	6.52E-03	0.00E+00	0.00E+00	6.52E-03
1005	ALL		483725	3717525	NonCancer	0.00E+00	1.26E-04	0.00E+00	5.47E-06	5.47E-06	1.14E-03	4.25E-03	0.00E+00	2.91E-05	0.00E+00	5.47E-06	8.49E-03	0.00E+00	0.00E+00	8.49E-03
1006	ALL		483925	3717525	NonCancer	0.00E+00	1.01E-04	0.00E+00	6.41E-06	6.41E-06	9.21E-04	2.64E-03	0.00E+00	2.34E-05	0.00E+00	6.41E-06	9.07E-03	0.00E+00	0.00E+00	9.07E-03
1007	ALL		483975	3717525	NonCancer	0.00E+00	9.74E-05	0.00E+00	6.88E-06	6.88E-06	8.88E-04	2.53E-03	0.00E+00	2.26E-05	0.00E+00	6.88E-06	9.67E-03	0.00E+00	0.00E+00	9.67E-03
1008	ALL		484025	3717525	NonCancer	0.00E+00	1.09E-04	0.00E+00	7.79E-06	7.79E-06	9.92E-04	2.80E-03	0.00E+00	2.52E-05	0.00E+00	7.79E-06	1.11E-02	0.00E+00	0.00E+00	1.11E-02
1009	ALL		484075	3717525	NonCancer	0.00E+00	1.23E-04	0.00E+00	9.48E-06	9.48E-06	1.12E-03	3.13E-03	0.00E+00	2.85E-05	0.00E+00	9.48E-06	1.46E-02	0.00E+00	0.00E+00	1.46E-02
1010	ALL		484125	3717525	NonCancer	0.00E+00	1.33E-04	0.00E+00	9.34E-06	9.34E-06	1.21E-03	3.38E-03	0.00E+00	3.09E-05	0.00E+00	9.34E-06	1.31E-02	0.00E+00	0.00E+00	1.31E-02
1011	ALL		484175	3717525	NonCancer	0.00E+00	1.38E-04	0.00E+00	9.68E-06	9.68E-06	1.26E-03	3.48E-03	0.00E+00	3.19E-05	0.00E+00	9.68E-06	1.31E-02	0.00E+00	0.00E+00	1.31E-02
1012	ALL		484225	3717525	NonCancer	0.00E+00	1.38E-04	0.00E+00	1.01E-05	1.01E-05	1.25E-03	3.48E-03	0.00E+00	3.19E-05	0.00E+00	1.01E-05	1.37E-02	0.00E+00	0.00E+00	1.37E-02
1013	ALL		484275	3717525	NonCancer	0.00E+00	1.28E-04	0.00E+00	1.07E-05	1.07E-05	1.17E-03	3.25E-03	0.00E+00	2.97E-05	0.00E+00	1.07E-05	1.55E-02	0.00E+00	0.00E+00	1.55E-02
1014	ALL		484325	3717525	NonCancer	0.00E+00	1.07E-04	0.00E+00	1.09E-05	1.09E-05	9.82E-04	2.73E-03	0.00E+00	2.49E-05	0.00E+00	1.09E-05	1.65E-02	0.00E+00	0.00E+00	1.65E-02
1015	ALL		484375	3717525	NonCancer	0.00E+00	8.74E-05	0.00E+00	1.05E-05	1.05E-05	8.02E-04	2.24E-03	0.00E+00	2.03E-05	0.00E+00	1.05E-05	1.63E-02	0.00E+00	0.00E+00	1.63E-02
1016	ALL		484425	3717525	NonCancer	0.00E+00	7.35E-05	0.00E+00	9.07E-06	9.07E-06	6.74E-04	1.90E-03	0.00E+00	1.70E-05	0.00E+00	9.07E-06	1.32E-02	0.00E+00	0.00E+00	1.32E-02
1017	ALL		484475	3717525	NonCancer	0.00E+00	6.22E-05	0.00E+00	9.11E-06	9.11E-06	5.72E-04	1.62E-03	0.00E+00	1.44E-05	0.00E+00	9.11E-06	1.44E-02	0.00E+00	0.00E+00	1.44E-02
1018	ALL		484525	3717525	NonCancer	0.00E+00	5.30E-05	0.00E+00	9.93E-06	9.93E-06	4.90E-04	1.39E-03	0.00E+00	1.23E-05	0.00E+00	9.93E-06	1.78E-02	0.00E+00	0.00E+00	1.78E-02
1019	ALL		484575	3717525	NonCancer	0.00E+00	4.56E-05	0.00E+00	8.83E-06	8.83E-06	4.22E-04	1.20E-03	0.00E+00	1.06E-05	0.00E+00	8.83E-06	1.58E-02	0.00E+00	0.00E+00	1.58E-02
1020	ALL		484625	3717525	NonCancer	0.00E+00	3.97E-05	0.00E+00	7.32E-06	7.32E-06	3.67E-04	1.05E-03	0.00E+00	9.21E-06	0.00E+00	7.32E-06	1.24E-02	0.00E+00	0.00E+00	1.24E-02
1021	ALL		484675	3717525	NonCancer	0.00E+00	3.47E-05	0.00E+00	6.54E-06	6.54E-06	3.21E-04	9.23E-04	0.00E+00	8.05E-06	0.00E+00	6.54E-06	1.11E-02	0.00E+00	0.00E+00	1.11E-02
1022	ALL		484725	3717525	NonCancer	0.00E+00	3.03E-05	0.00E+00	5.42E-06	5.42E-06	2.80E-04	8.10E-04	0.00E+00	7.04E-06	0.00E+00	5.42E-06	8.78E-03	0.00E+00	0.00E+00	8.78E-03
1023	ALL		484775	3717525	NonCancer	0.00E+00	2.66E-05	0.00E+00	4.31E-06	4.31E-06	2.45E-04	7.12E-04	0.00E+00	6.17E-06	0.00E+00	4.31E-06	6.39E-03	0.00E+00	0.00E+00	6.39E-03
1024	ALL		484825	3717525	NonCancer	0.00E+00	2.33E-05	0.00E+00	3.55E-06	3.55E-06	2.14E-04	6.24E-04	0.00E+00	5.40E-06	0.00E+00	3.55E-06	4.99E-03	0.00E+00	0.00E+00	4.99E-03
1025	ALL		484875	3717525	NonCancer	0.00E+00	2.06E-05	0.00E+00	3.38E-06	3.38E-06	1.89E-04	5.54E-04	0.00E+00	4.77E-06	0.00E+00	3.38E-06	5.09E-03	0.00E+00	0.00E+00	5.09E-03
1026	ALL		484925	3717525	NonCancer	0.00E+00	1.84E-05	0.00E+00	3.15E-06	3.15E-06	1.70E-04	4.98E-04	0.00E+00	4.28E-06	0.00E+00	3.15E-06	4.89E-03	0.00E+00	0.00E+00	4.89E-03
1027	ALL		484975	3717525	NonCancer	0.00E+00	1.68E-05	0.00E+00	2.87E-06	2.87E-06	1.55E-04	4.56E-04	0.00E+00	3.91E-06	0.00E+00	2.87E-06	4.46E-03	0.00E+00	0.00E+00	4.46E-03
1028	ALL		485025	3717525	NonCancer	0.00E+00	1.55E-05	0.00E+00	2.58E-06	2.58E-06	1.43E-04	4.21E-04	0.00E+00	3.61E-06	0.00E+00	2.58E-06	3.89E-03	0.00E+00	0.00E+00	3.89E-03
1029	ALL		485075	3717525	NonCancer	0.00E+00	1.43E-05	0.00E+00	2.26E-06	2.26E-06	1.31E-04	3.87E-04	0.00E+00	3.31E-06	0.00E+00	2.26E-06	3.27E-03	0.00E+00	0.00E+00	3.27E-03
1030	ALL		485125	3717525	NonCancer	0.00E+00	1.29E-05	0.00E+00	2.06E-06	2.06E-06	1.19E-04	3.51E-04	0.00E+00	3.00E-06	0.00E+00	2.06E-06	3.01E-03	0.00E+00	0.00E+00	3.01E-03
1031	ALL		485175	3717525	NonCancer	0.00E+00	1.18E-05	0.00E+00	1.89E-06	1.89E-06	1.09E-04	3.22E-04	0.00E+00	2.74E-06	0.00E+00	1.89E-06	2.78E-03	0.00E+00	0.00E+00	2.78E-03
1032	ALL		485225	3717525	NonCancer	0.00E+00	1.09E-05	0.00E+00	1.73E-06	1.73E-06	1.00E-04	2.98E-04	0.00E+00	2.53E-06	0.00E+00	1.73E-06	2.53E-03	0.00E+00	0.00E+00	2.53E-03
1033	ALL		485275	3717525	NonCancer	0.00E+00	1.01E-05	0.00E+00	1.58E-06	1.58E-06	9.26E-05	2.75E-04	0.00E+00	2.33E-06	0.00E+00	1.58E-06	2.28E-03	0.00E+00	0.00E+00	2.28E-03
1034	ALL		485325	3717525	NonCancer	0.00E+00	9.25E-06	0.00E+00	1.45E-06	1.45E-06	8.52E-05	2.54E-04	0.00E+00	2.15E-06	0.00E+00	1.45E-06	2.09E-03	0.00E+00	0.00E+00	2.09E-03
1035	ALL		485375	3717525	NonCancer	0.00E+00	8.63E-06	0.00E+00	1.35E-06	1.35E-06	7.94E-05	2.37E-04	0.00E+00	2.00E-06	0.00E+00	1.35E-06	1.97E-03	0.00E+00	0.00E+00	1.97E-03

*HARP - HRACalc v19044 3/19/2020 1:54:21 PM - Chronic Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitChronicHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1036	ALL		485425	3717525	NonCancer	0.00E+00	8.37E-06	0.00E+00	1.34E-06	1.34E-06	7.71E-05	2.30E-04	0.00E+00	1.94E-06	0.00E+00	1.34E-06	1.99E-03	0.00E+00	0.00E+00	1.99E-03
1037	ALL		485475	3717525	NonCancer	0.00E+00	7.83E-06	0.00E+00	1.26E-06	1.26E-06	7.21E-05	2.15E-04	0.00E+00	1.82E-06	0.00E+00	1.26E-06	1.87E-03	0.00E+00	0.00E+00	1.87E-03
1038	ALL		482925	3717575	NonCancer	0.00E+00	9.06E-06	0.00E+00	1.12E-06	1.12E-06	8.31E-05	2.65E-04	0.00E+00	2.10E-06	0.00E+00	1.12E-06	1.67E-03	0.00E+00	0.00E+00	1.67E-03
1039	ALL		482975	3717575	NonCancer	0.00E+00	9.60E-06	0.00E+00	1.18E-06	1.18E-06	8.80E-05	2.81E-04	0.00E+00	2.23E-06	0.00E+00	1.18E-06	1.77E-03	0.00E+00	0.00E+00	1.77E-03
1040	ALL		483025	3717575	NonCancer	0.00E+00	1.03E-05	0.00E+00	1.25E-06	1.25E-06	9.42E-05	3.00E-04	0.00E+00	2.38E-06	0.00E+00	1.25E-06	1.87E-03	0.00E+00	0.00E+00	1.87E-03
1041	ALL		483075	3717575	NonCancer	0.00E+00	1.10E-05	0.00E+00	1.32E-06	1.32E-06	1.01E-04	3.20E-04	0.00E+00	2.55E-06	0.00E+00	1.32E-06	1.96E-03	0.00E+00	0.00E+00	1.96E-03
1042	ALL		483125	3717575	NonCancer	0.00E+00	1.18E-05	0.00E+00	1.40E-06	1.40E-06	1.08E-04	3.43E-04	0.00E+00	2.74E-06	0.00E+00	1.40E-06	2.06E-03	0.00E+00	0.00E+00	2.06E-03
1043	ALL		483175	3717575	NonCancer	0.00E+00	1.27E-05	0.00E+00	1.51E-06	1.51E-06	1.17E-04	3.69E-04	0.00E+00	2.95E-06	0.00E+00	1.51E-06	2.23E-03	0.00E+00	0.00E+00	2.23E-03
1044	ALL		483225	3717575	NonCancer	0.00E+00	1.38E-05	0.00E+00	1.63E-06	1.63E-06	1.26E-04	3.99E-04	0.00E+00	3.19E-06	0.00E+00	1.63E-06	2.42E-03	0.00E+00	0.00E+00	2.42E-03
1045	ALL		483275	3717575	NonCancer	0.00E+00	1.50E-05	0.00E+00	1.76E-06	1.76E-06	1.37E-04	4.34E-04	0.00E+00	3.47E-06	0.00E+00	1.76E-06	2.60E-03	0.00E+00	0.00E+00	2.60E-03
1046	ALL		483325	3717575	NonCancer	0.00E+00	1.64E-05	0.00E+00	1.90E-06	1.90E-06	1.50E-04	4.75E-04	0.00E+00	3.81E-06	0.00E+00	1.90E-06	2.81E-03	0.00E+00	0.00E+00	2.81E-03
1047	ALL		483375	3717575	NonCancer	0.00E+00	1.81E-05	0.00E+00	2.05E-06	2.05E-06	1.66E-04	5.24E-04	0.00E+00	4.20E-06	0.00E+00	2.05E-06	3.02E-03	0.00E+00	0.00E+00	3.02E-03
1048	ALL		483425	3717575	NonCancer	0.00E+00	2.02E-05	0.00E+00	2.25E-06	2.25E-06	1.85E-04	5.85E-04	0.00E+00	4.69E-06	0.00E+00	2.25E-06	3.32E-03	0.00E+00	0.00E+00	3.32E-03
1049	ALL		483475	3717575	NonCancer	0.00E+00	2.27E-05	0.00E+00	2.53E-06	2.53E-06	2.08E-04	6.54E-04	0.00E+00	5.26E-06	0.00E+00	2.53E-06	3.81E-03	0.00E+00	0.00E+00	3.81E-03
1050	ALL		483525	3717575	NonCancer	0.00E+00	2.60E-05	0.00E+00	2.90E-06	2.90E-06	2.38E-04	7.52E-04	0.00E+00	6.03E-06	0.00E+00	2.90E-06	4.52E-03	0.00E+00	0.00E+00	4.52E-03
1051	ALL		483575	3717575	NonCancer	0.00E+00	3.04E-05	0.00E+00	3.31E-06	3.31E-06	2.79E-04	8.84E-04	0.00E+00	7.06E-06	0.00E+00	3.31E-06	5.30E-03	0.00E+00	0.00E+00	5.30E-03
1052	ALL		483625	3717575	NonCancer	0.00E+00	3.68E-05	0.00E+00	3.77E-06	3.77E-06	3.37E-04	1.08E-03	0.00E+00	8.53E-06	0.00E+00	3.77E-06	6.14E-03	0.00E+00	0.00E+00	6.14E-03
1053	ALL		483675	3717575	NonCancer	0.00E+00	4.72E-05	0.00E+00	4.31E-06	4.31E-06	4.31E-04	1.41E-03	0.00E+00	1.09E-05	0.00E+00	4.31E-06	7.05E-03	0.00E+00	0.00E+00	7.05E-03
1054	ALL		483725	3717575	NonCancer	0.00E+00	7.55E-05	0.00E+00	5.18E-06	5.18E-06	6.89E-04	2.40E-03	0.00E+00	1.75E-05	0.00E+00	5.18E-06	8.40E-03	0.00E+00	0.00E+00	8.40E-03
1055	ALL		483775	3717575	NonCancer	0.00E+00	1.27E-04	0.00E+00	6.41E-06	6.41E-06	1.16E-03	4.24E-03	0.00E+00	2.95E-05	0.00E+00	6.41E-06	1.02E-02	0.00E+00	0.00E+00	1.02E-02
1056	ALL		483925	3717575	NonCancer	0.00E+00	1.72E-04	0.00E+00	8.30E-06	8.30E-06	1.56E-03	4.43E-03	0.00E+00	3.99E-05	0.00E+00	8.30E-06	1.19E-02	0.00E+00	0.00E+00	1.19E-02
1057	ALL		483975	3717575	NonCancer	0.00E+00	1.68E-04	0.00E+00	8.91E-06	8.91E-06	1.53E-03	4.29E-03	0.00E+00	3.90E-05	0.00E+00	8.91E-06	1.26E-02	0.00E+00	0.00E+00	1.26E-02
1058	ALL		484025	3717575	NonCancer	0.00E+00	2.51E-04	0.00E+00	1.12E-05	1.12E-05	2.28E-03	6.29E-03	0.00E+00	5.81E-05	0.00E+00	1.12E-05	1.60E-02	0.00E+00	0.00E+00	1.60E-02
1059	ALL		484075	3717575	NonCancer	0.00E+00	3.71E-04	0.00E+00	1.50E-05	1.50E-05	3.37E-03	9.19E-03	0.00E+00	8.60E-05	0.00E+00	1.50E-05	2.29E-02	0.00E+00	0.00E+00	2.29E-02
1060	ALL		484125	3717575	NonCancer	0.00E+00	3.98E-04	0.00E+00	1.65E-05	1.65E-05	3.62E-03	9.84E-03	0.00E+00	9.24E-05	0.00E+00	1.65E-05	2.52E-02	0.00E+00	0.00E+00	2.52E-02
1061	ALL		484175	3717575	NonCancer	0.00E+00	4.13E-04	0.00E+00	1.63E-05	1.63E-05	3.75E-03	1.02E-02	0.00E+00	9.57E-05	0.00E+00	1.63E-05	2.32E-02	0.00E+00	0.00E+00	2.32E-02
1062	ALL		484225	3717575	NonCancer	0.00E+00	4.13E-04	0.00E+00	1.69E-05	1.69E-05	3.75E-03	1.02E-02	0.00E+00	9.57E-05	0.00E+00	1.69E-05	2.38E-02	0.00E+00	0.00E+00	2.38E-02
1063	ALL		484275	3717575	NonCancer	0.00E+00	4.10E-04	0.00E+00	1.81E-05	1.81E-05	3.73E-03	1.01E-02	0.00E+00	9.50E-05	0.00E+00	1.81E-05	2.70E-02	0.00E+00	0.00E+00	2.70E-02
1064	ALL		484325	3717575	NonCancer	0.00E+00	1.71E-04	0.00E+00	1.43E-05	1.43E-05	1.57E-03	4.32E-03	0.00E+00	3.98E-05	0.00E+00	1.43E-05	2.14E-02	0.00E+00	0.00E+00	2.14E-02
1065	ALL		484375	3717575	NonCancer	0.00E+00	1.14E-04	0.00E+00	1.32E-05	1.32E-05	1.04E-03	2.90E-03	0.00E+00	2.64E-05	0.00E+00	1.32E-05	2.03E-02	0.00E+00	0.00E+00	2.03E-02
1066	ALL		484425	3717575	NonCancer	0.00E+00	8.93E-05	0.00E+00	1.08E-05	1.08E-05	8.19E-04	2.30E-03	0.00E+00	2.07E-05	0.00E+00	1.08E-05	1.53E-02	0.00E+00	0.00E+00	1.53E-02
1067	ALL		484475	3717575	NonCancer	0.00E+00	7.28E-05	0.00E+00	1.25E-05	1.25E-05	6.72E-04	1.90E-03	0.00E+00	1.69E-05	0.00E+00	1.25E-05	2.19E-02	0.00E+00	0.00E+00	2.19E-02
1068	ALL		484525	3717575	NonCancer	0.00E+00	6.04E-05	0.00E+00	1.16E-05	1.16E-05	5.58E-04	1.58E-03	0.00E+00	1.40E-05	0.00E+00	1.16E-05	2.09E-02	0.00E+00	0.00E+00	2.09E-02
1069	ALL		484575	3717575	NonCancer	0.00E+00	5.07E-05	0.00E+00	9.20E-06	9.20E-06	4.68E-04	1.34E-03	0.00E+00	1.18E-05	0.00E+00	9.20E-06	1.56E-02	0.00E+00	0.00E+00	1.56E-02
1070	ALL		484625	3717575	NonCancer	0.00E+00	4.33E-05	0.00E+00	8.07E-06	8.07E-06	4.00E-04	1.15E-03	0.00E+00	1.00E-05	0.00E+00	8.07E-06	1.37E-02	0.00E+00	0.00E+00	1.37E-02
1071	ALL		484675	3717575	NonCancer	0.00E+00	3.72E-05	0.00E+00	6.54E-06	6.54E-06	3.43E-04	9.89E-04	0.00E+00	8.63E-06	0.00E+00	6.54E-06	1.05E-02	0.00E+00	0.00E+00	1.05E-02
1072	ALL		484725	3717575	NonCancer	0.00E+00	3.23E-05	0.00E+00	5.11E-06	5.11E-06	2.97E-04	8.61E-04	0.00E+00	7.49E-06	0.00E+00	5.11E-06	7.38E-03	0.00E+00	0.00E+00	7.38E-03
1073	ALL		484775	3717575	NonCancer	0.00E+00	2.82E-05	0.00E+00	4.62E-06	4.62E-06	2.60E-04	7.54E-04	0.00E+00	6.54E-06	0.00E+00	4.62E-06	6.86E-03	0.00E+00	0.00E+00	6.86E-03
1074	ALL		484825	3717575	NonCancer	0.00E+00	2.44E-05	0.00E+00	4.20E-06	4.20E-06	2.25E-04	6.55E-04	0.00E+00	5.65E-06	0.00E+00	4.20E-06	6.54E-03	0.00E+00	0.00E+00	6.54E-03
1075	ALL		484875	3717575	NonCancer	0.00E+00	2.14E-05	0.00E+00	3.73E-06	3.73E-06	1.98E-04	5.78E-04	0.00E+00	4.97E-06	0.00E+00	3.73E-06	5.85E-03	0.00E+00	0.00E+00	5.85E-03
1076	ALL		484925	3717575	NonCancer	0.00E+00	1.91E-05	0.00E+00	3.24E-06	3.24E-06	1.76E-04	5.17E-04	0.00E+00	4.44E-06	0.00E+00	3.24E-06	4.96E-03	0.00E+00	0.00E+00	4.96E-03
1077	ALL		484975	3717575	NonCancer	0.00E+00	1.73E-05	0.00E+00	2.77E-06	2.77E-06	1.59E-04	4.67E-04	0.00E+00	4.00E-06	0.00E+00	2.77E-06	4.04E-03	0.00E+00	0.00E+00	4.04E-03
1078	ALL		485025	3717575	NonCancer	0.00E+00	1.58E-05	0.00E+00	2.56E-06	2.56E-06	1.46E-04	4.29E-04	0.00E+00	3.67E-06	0.00E+00	2.56E-06	3.76E-03	0.00E+00	0.00E+00	3.76E-03
1079	ALL		485075	3717575	NonCancer	0.00E+00	1.46E-05	0.00E+00	2.36E-06	2.36E-06	1.35E-04	3.97E-04	0.00E+00	3.39E-06	0.00E+00	2.36E-06	3.44E-03	0.00E+00	0.00E+00	3.44E-03
1080	ALL		485125	3717575	NonCancer	0.00E+00	1.32E-05	0.00E+00	2.10E-06	2.10E-06	1.22E-04	3.60E-04	0.00E+00	3.07E-06	0.00E+00	2.10E-06	3.04E-03	0.00E+00	0.00E+00	3.04E-03

*HARP - HRACalc v19044 3/19/2020 1:54:21 PM - Chronic Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitChronicHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1081	ALL		485175	3717575	NonCancer	0.00E+00	1.21E-05	0.00E+00	1.90E-06	1.90E-06	1.11E-04	3.29E-04	0.00E+00	2.80E-06	0.00E+00	1.90E-06	2.74E-03	0.00E+00	0.00E+00	2.74E-03
1082	ALL		485225	3717575	NonCancer	0.00E+00	1.11E-05	0.00E+00	1.75E-06	1.75E-06	1.02E-04	3.03E-04	0.00E+00	2.57E-06	0.00E+00	1.75E-06	2.52E-03	0.00E+00	0.00E+00	2.52E-03
1083	ALL		485275	3717575	NonCancer	0.00E+00	1.02E-05	0.00E+00	1.62E-06	1.62E-06	9.42E-05	2.80E-04	0.00E+00	2.37E-06	0.00E+00	1.62E-06	2.35E-03	0.00E+00	0.00E+00	2.35E-03
1084	ALL		485325	3717575	NonCancer	0.00E+00	9.41E-06	0.00E+00	1.49E-06	1.49E-06	8.67E-05	2.58E-04	0.00E+00	2.18E-06	0.00E+00	1.49E-06	2.17E-03	0.00E+00	0.00E+00	2.17E-03
1085	ALL		485375	3717575	NonCancer	0.00E+00	8.71E-06	0.00E+00	1.38E-06	1.38E-06	8.02E-05	2.39E-04	0.00E+00	2.02E-06	0.00E+00	1.38E-06	2.02E-03	0.00E+00	0.00E+00	2.02E-03
1086	ALL		485425	3717575	NonCancer	0.00E+00	8.35E-06	0.00E+00	1.33E-06	1.33E-06	7.69E-05	2.30E-04	0.00E+00	1.94E-06	0.00E+00	1.33E-06	1.96E-03	0.00E+00	0.00E+00	1.96E-03
1087	ALL		485475	3717575	NonCancer	0.00E+00	7.90E-06	0.00E+00	1.27E-06	1.27E-06	7.28E-05	2.18E-04	0.00E+00	1.83E-06	0.00E+00	1.27E-06	1.87E-03	0.00E+00	0.00E+00	1.87E-03
1088	ALL		482925	3717625	NonCancer	0.00E+00	9.05E-06	0.00E+00	1.11E-06	1.11E-06	8.30E-05	2.64E-04	0.00E+00	2.10E-06	0.00E+00	1.11E-06	1.62E-03	0.00E+00	0.00E+00	1.62E-03
1089	ALL		482975	3717625	NonCancer	0.00E+00	9.62E-06	0.00E+00	1.18E-06	1.18E-06	8.83E-05	2.80E-04	0.00E+00	2.23E-06	0.00E+00	1.18E-06	1.75E-03	0.00E+00	0.00E+00	1.75E-03
1090	ALL		483025	3717625	NonCancer	0.00E+00	1.03E-05	0.00E+00	1.27E-06	1.27E-06	9.42E-05	2.98E-04	0.00E+00	2.38E-06	0.00E+00	1.27E-06	1.88E-03	0.00E+00	0.00E+00	1.88E-03
1091	ALL		483075	3717625	NonCancer	0.00E+00	1.10E-05	0.00E+00	1.36E-06	1.36E-06	1.01E-04	3.19E-04	0.00E+00	2.55E-06	0.00E+00	1.36E-06	2.03E-03	0.00E+00	0.00E+00	2.03E-03
1092	ALL		483125	3717625	NonCancer	0.00E+00	1.18E-05	0.00E+00	1.45E-06	1.45E-06	1.08E-04	3.41E-04	0.00E+00	2.73E-06	0.00E+00	1.45E-06	2.18E-03	0.00E+00	0.00E+00	2.18E-03
1093	ALL		483175	3717625	NonCancer	0.00E+00	1.27E-05	0.00E+00	1.56E-06	1.56E-06	1.17E-04	3.68E-04	0.00E+00	2.95E-06	0.00E+00	1.56E-06	2.34E-03	0.00E+00	0.00E+00	2.34E-03
1094	ALL		483225	3717625	NonCancer	0.00E+00	1.38E-05	0.00E+00	1.68E-06	1.68E-06	1.26E-04	3.98E-04	0.00E+00	3.19E-06	0.00E+00	1.68E-06	2.50E-03	0.00E+00	0.00E+00	2.50E-03
1095	ALL		483275	3717625	NonCancer	0.00E+00	1.50E-05	0.00E+00	1.80E-06	1.80E-06	1.37E-04	4.32E-04	0.00E+00	3.48E-06	0.00E+00	1.80E-06	2.67E-03	0.00E+00	0.00E+00	2.67E-03
1096	ALL		483325	3717625	NonCancer	0.00E+00	1.64E-05	0.00E+00	1.93E-06	1.93E-06	1.50E-04	4.72E-04	0.00E+00	3.81E-06	0.00E+00	1.93E-06	2.83E-03	0.00E+00	0.00E+00	2.83E-03
1097	ALL		483375	3717625	NonCancer	0.00E+00	1.81E-05	0.00E+00	2.06E-06	2.06E-06	1.65E-04	5.19E-04	0.00E+00	4.19E-06	0.00E+00	2.06E-06	3.01E-03	0.00E+00	0.00E+00	3.01E-03
1098	ALL		483425	3717625	NonCancer	0.00E+00	2.01E-05	0.00E+00	2.27E-06	2.27E-06	1.85E-04	5.79E-04	0.00E+00	4.67E-06	0.00E+00	2.27E-06	3.32E-03	0.00E+00	0.00E+00	3.32E-03
1099	ALL		483475	3717625	NonCancer	0.00E+00	2.27E-05	0.00E+00	2.53E-06	2.53E-06	2.08E-04	6.51E-04	0.00E+00	5.26E-06	0.00E+00	2.53E-06	3.70E-03	0.00E+00	0.00E+00	3.70E-03
1100	ALL		483525	3717625	NonCancer	0.00E+00	2.58E-05	0.00E+00	2.80E-06	2.80E-06	2.36E-04	7.40E-04	0.00E+00	5.98E-06	0.00E+00	2.80E-06	4.09E-03	0.00E+00	0.00E+00	4.09E-03
1101	ALL		483575	3717625	NonCancer	0.00E+00	2.99E-05	0.00E+00	3.19E-06	3.19E-06	2.74E-04	8.58E-04	0.00E+00	6.94E-06	0.00E+00	3.19E-06	4.77E-03	0.00E+00	0.00E+00	4.77E-03
1102	ALL		483625	3717625	NonCancer	0.00E+00	3.54E-05	0.00E+00	3.71E-06	3.71E-06	3.24E-04	1.02E-03	0.00E+00	8.20E-06	0.00E+00	3.71E-06	5.78E-03	0.00E+00	0.00E+00	5.78E-03
1103	ALL		483675	3717625	NonCancer	0.00E+00	4.32E-05	0.00E+00	4.35E-06	4.35E-06	3.95E-04	1.26E-03	0.00E+00	1.00E-05	0.00E+00	4.35E-06	6.98E-03	0.00E+00	0.00E+00	6.98E-03
1104	ALL		483725	3717625	NonCancer	0.00E+00	5.69E-05	0.00E+00	5.14E-06	5.14E-06	5.20E-04	1.70E-03	0.00E+00	1.32E-05	0.00E+00	5.14E-06	8.40E-03	0.00E+00	0.00E+00	8.40E-03
1105	ALL		483775	3717625	NonCancer	0.00E+00	1.17E-04	0.00E+00	6.79E-06	6.79E-06	1.07E-03	3.90E-03	0.00E+00	2.71E-05	0.00E+00	6.79E-06	1.11E-02	0.00E+00	0.00E+00	1.11E-02
1106	ALL		484525	3717625	NonCancer	0.00E+00	6.84E-05	0.00E+00	1.21E-05	1.21E-05	6.31E-04	1.79E-03	0.00E+00	1.59E-05	0.00E+00	1.21E-05	2.03E-02	0.00E+00	0.00E+00	2.03E-02
1107	ALL		484575	3717625	NonCancer	0.00E+00	5.61E-05	0.00E+00	1.03E-05	1.03E-05	5.18E-04	1.48E-03	0.00E+00	1.30E-05	0.00E+00	1.03E-05	1.73E-02	0.00E+00	0.00E+00	1.73E-02
1108	ALL		484625	3717625	NonCancer	0.00E+00	4.69E-05	0.00E+00	8.03E-06	8.03E-06	4.32E-04	1.24E-03	0.00E+00	1.09E-05	0.00E+00	8.03E-06	1.26E-02	0.00E+00	0.00E+00	1.26E-02
1109	ALL		484675	3717625	NonCancer	0.00E+00	3.97E-05	0.00E+00	6.35E-06	6.35E-06	3.66E-04	1.05E-03	0.00E+00	9.21E-06	0.00E+00	6.35E-06	9.27E-03	0.00E+00	0.00E+00	9.27E-03
1110	ALL		484725	3717625	NonCancer	0.00E+00	3.39E-05	0.00E+00	5.87E-06	5.87E-06	3.13E-04	9.05E-04	0.00E+00	7.87E-06	0.00E+00	5.87E-06	9.12E-03	0.00E+00	0.00E+00	9.12E-03
1111	ALL		484775	3717625	NonCancer	0.00E+00	2.91E-05	0.00E+00	5.15E-06	5.15E-06	2.69E-04	7.80E-04	0.00E+00	6.76E-06	0.00E+00	5.15E-06	8.11E-03	0.00E+00	0.00E+00	8.11E-03
1112	ALL		484825	3717625	NonCancer	0.00E+00	2.54E-05	0.00E+00	4.37E-06	4.37E-06	2.34E-04	6.82E-04	0.00E+00	5.89E-06	0.00E+00	4.37E-06	6.73E-03	0.00E+00	0.00E+00	6.73E-03
1113	ALL		484875	3717625	NonCancer	0.00E+00	2.22E-05	0.00E+00	3.65E-06	3.65E-06	2.05E-04	5.99E-04	0.00E+00	5.16E-06	0.00E+00	3.65E-06	5.39E-03	0.00E+00	0.00E+00	5.39E-03
1114	ALL		484925	3717625	NonCancer	0.00E+00	1.97E-05	0.00E+00	3.25E-06	3.25E-06	1.82E-04	5.32E-04	0.00E+00	4.57E-06	0.00E+00	3.25E-06	4.82E-03	0.00E+00	0.00E+00	4.82E-03
1115	ALL		484975	3717625	NonCancer	0.00E+00	1.77E-05	0.00E+00	2.87E-06	2.87E-06	1.63E-04	4.78E-04	0.00E+00	4.10E-06	0.00E+00	2.87E-06	4.21E-03	0.00E+00	0.00E+00	4.21E-03
1116	ALL		485025	3717625	NonCancer	0.00E+00	1.61E-05	0.00E+00	2.58E-06	2.58E-06	1.48E-04	4.37E-04	0.00E+00	3.73E-06	0.00E+00	2.58E-06	3.73E-03	0.00E+00	0.00E+00	3.73E-03
1117	ALL		485075	3717625	NonCancer	0.00E+00	1.47E-05	0.00E+00	2.35E-06	2.35E-06	1.36E-04	4.00E-04	0.00E+00	3.41E-06	0.00E+00	2.35E-06	3.38E-03	0.00E+00	0.00E+00	3.38E-03
1118	ALL		485125	3717625	NonCancer	0.00E+00	1.35E-05	0.00E+00	2.15E-06	2.15E-06	1.24E-04	3.67E-04	0.00E+00	3.13E-06	0.00E+00	2.15E-06	3.10E-03	0.00E+00	0.00E+00	3.10E-03
1119	ALL		485175	3717625	NonCancer	0.00E+00	1.23E-05	0.00E+00	1.95E-06	1.95E-06	1.13E-04	3.34E-04	0.00E+00	2.84E-06	0.00E+00	1.95E-06	2.81E-03	0.00E+00	0.00E+00	2.81E-03
1120	ALL		485225	3717625	NonCancer	0.00E+00	1.12E-05	0.00E+00	1.79E-06	1.79E-06	1.04E-04	3.07E-04	0.00E+00	2.61E-06	0.00E+00	1.79E-06	2.59E-03	0.00E+00	0.00E+00	2.59E-03
1121	ALL		485275	3717625	NonCancer	0.00E+00	1.04E-05	0.00E+00	1.64E-06	1.64E-06	9.54E-05	2.84E-04	0.00E+00	2.40E-06	0.00E+00	1.64E-06	2.38E-03	0.00E+00	0.00E+00	2.38E-03
1122	ALL		485325	3717625	NonCancer	0.00E+00	9.52E-06	0.00E+00	1.50E-06	1.50E-06	8.77E-05	2.61E-04	0.00E+00	2.21E-06	0.00E+00	1.50E-06	2.18E-03	0.00E+00	0.00E+00	2.18E-03
1123	ALL		485375	3717625	NonCancer	0.00E+00	8.76E-06	0.00E+00	1.37E-06	1.37E-06	8.06E-05	2.41E-04	0.00E+00	2.03E-06	0.00E+00	1.37E-06	1.99E-03	0.00E+00	0.00E+00	1.99E-03
1124	ALL		485425	3717625	NonCancer	0.00E+00	8.29E-06	0.00E+00	1.31E-06	1.31E-06	7.63E-05	2.28E-04	0.00E+00	1.92E-06	0.00E+00	1.31E-06	1.90E-03	0.00E+00	0.00E+00	1.90E-03
1125	ALL		485475	3717625	NonCancer	0.00E+00	7.86E-06	0.00E+00	1.25E-06	1.25E-06	7.24E-05	2.17E-04	0.00E+00	1.82E-06	0.00E+00	1.25E-06	1.83E-03	0.00E+00	0.00E+00	1.83E-03

*HARP - HRACalc v19044 3/19/2020 1:54:21 PM - Chronic Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitChronicHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1126	ALL		482925	3717675	NonCancei	0.00E+00	9.02E-06	0.00E+00	1.07E-06	1.07E-06	8.27E-05	2.62E-04	0.00E+00	2.09E-06	0.00E+00	1.07E-06	1.51E-03	0.00E+00	0.00E+00	1.51E-03
1127	ALL		482975	3717675	NonCancei	0.00E+00	9.60E-06	0.00E+00	1.14E-06	1.14E-06	8.80E-05	2.78E-04	0.00E+00	2.23E-06	0.00E+00	1.14E-06	1.62E-03	0.00E+00	0.00E+00	1.62E-03
1128	ALL		483025	3717675	NonCancei	0.00E+00	1.02E-05	0.00E+00	1.22E-06	1.22E-06	9.39E-05	2.96E-04	0.00E+00	2.38E-06	0.00E+00	1.22E-06	1.74E-03	0.00E+00	0.00E+00	1.74E-03
1129	ALL		483075	3717675	NonCancei	0.00E+00	1.10E-05	0.00E+00	1.32E-06	1.32E-06	1.01E-04	3.17E-04	0.00E+00	2.54E-06	0.00E+00	1.32E-06	1.90E-03	0.00E+00	0.00E+00	1.90E-03
1130	ALL		483125	3717675	NonCancei	0.00E+00	1.17E-05	0.00E+00	1.43E-06	1.43E-06	1.08E-04	3.39E-04	0.00E+00	2.72E-06	0.00E+00	1.43E-06	2.08E-03	0.00E+00	0.00E+00	2.08E-03
1131	ALL		483175	3717675	NonCancei	0.00E+00	1.27E-05	0.00E+00	1.55E-06	1.55E-06	1.16E-04	3.65E-04	0.00E+00	2.94E-06	0.00E+00	1.55E-06	2.28E-03	0.00E+00	0.00E+00	2.28E-03
1132	ALL		483225	3717675	NonCancei	0.00E+00	1.38E-05	0.00E+00	1.70E-06	1.70E-06	1.26E-04	3.95E-04	0.00E+00	3.19E-06	0.00E+00	1.70E-06	2.51E-03	0.00E+00	0.00E+00	2.51E-03
1133	ALL		483275	3717675	NonCancei	0.00E+00	1.50E-05	0.00E+00	1.84E-06	1.84E-06	1.37E-04	4.30E-04	0.00E+00	3.47E-06	0.00E+00	1.84E-06	2.75E-03	0.00E+00	0.00E+00	2.75E-03
1134	ALL		483325	3717675	NonCancei	0.00E+00	1.64E-05	0.00E+00	2.01E-06	2.01E-06	1.50E-04	4.70E-04	0.00E+00	3.80E-06	0.00E+00	2.01E-06	3.02E-03	0.00E+00	0.00E+00	3.02E-03
1135	ALL		483375	3717675	NonCancei	0.00E+00	1.80E-05	0.00E+00	2.19E-06	2.19E-06	1.65E-04	5.16E-04	0.00E+00	4.18E-06	0.00E+00	2.19E-06	3.29E-03	0.00E+00	0.00E+00	3.29E-03
1136	ALL		483425	3717675	NonCancei	0.00E+00	2.00E-05	0.00E+00	2.39E-06	2.39E-06	1.84E-04	5.72E-04	0.00E+00	4.64E-06	0.00E+00	2.39E-06	3.59E-03	0.00E+00	0.00E+00	3.59E-03
1137	ALL		483475	3717675	NonCancei	0.00E+00	2.25E-05	0.00E+00	2.62E-06	2.62E-06	2.06E-04	6.42E-04	0.00E+00	5.21E-06	0.00E+00	2.62E-06	3.91E-03	0.00E+00	0.00E+00	3.91E-03
1138	ALL		483525	3717675	NonCancei	0.00E+00	2.56E-05	0.00E+00	2.88E-06	2.88E-06	2.34E-04	7.29E-04	0.00E+00	5.93E-06	0.00E+00	2.88E-06	4.25E-03	0.00E+00	0.00E+00	4.25E-03
1139	ALL		483575	3717675	NonCancei	0.00E+00	2.95E-05	0.00E+00	3.16E-06	3.16E-06	2.70E-04	8.39E-04	0.00E+00	6.83E-06	0.00E+00	3.16E-06	4.59E-03	0.00E+00	0.00E+00	4.59E-03
1140	ALL		483625	3717675	NonCancei	0.00E+00	3.45E-05	0.00E+00	3.53E-06	3.53E-06	3.15E-04	9.82E-04	0.00E+00	7.99E-06	0.00E+00	3.53E-06	5.08E-03	0.00E+00	0.00E+00	5.08E-03
1141	ALL		483675	3717675	NonCancei	0.00E+00	4.11E-05	0.00E+00	4.14E-06	4.14E-06	3.76E-04	1.18E-03	0.00E+00	9.53E-06	0.00E+00	4.14E-06	6.14E-03	0.00E+00	0.00E+00	6.14E-03
1142	ALL		483725	3717675	NonCancei	0.00E+00	5.09E-05	0.00E+00	4.95E-06	4.95E-06	4.66E-04	1.48E-03	0.00E+00	1.18E-05	0.00E+00	4.95E-06	7.69E-03	0.00E+00	0.00E+00	7.69E-03
1143	ALL		483775	3717675	NonCancei	0.00E+00	7.04E-05	0.00E+00	6.08E-06	6.08E-06	6.43E-04	2.12E-03	0.00E+00	1.63E-05	0.00E+00	6.08E-06	9.76E-03	0.00E+00	0.00E+00	9.76E-03
1144	ALL		483825	3717675	NonCancei	0.00E+00	1.50E-04	0.00E+00	8.45E-06	8.45E-06	1.37E-03	5.01E-03	0.00E+00	3.48E-05	0.00E+00	8.45E-06	1.38E-02	0.00E+00	0.00E+00	1.38E-02
1145	ALL		484525	3717675	NonCancei	0.00E+00	7.72E-05	0.00E+00	1.37E-05	1.37E-05	7.12E-04	2.02E-03	0.00E+00	1.79E-05	0.00E+00	1.37E-05	2.26E-02	0.00E+00	0.00E+00	2.26E-02
1146	ALL		484575	3717675	NonCancei	0.00E+00	6.15E-05	0.00E+00	1.01E-05	1.01E-05	5.67E-04	1.62E-03	0.00E+00	1.43E-05	0.00E+00	1.01E-05	1.54E-02	0.00E+00	0.00E+00	1.54E-02
1147	ALL		484625	3717675	NonCancei	0.00E+00	5.03E-05	0.00E+00	8.56E-06	8.56E-06	4.64E-04	1.33E-03	0.00E+00	1.17E-05	0.00E+00	8.56E-06	1.32E-02	0.00E+00	0.00E+00	1.32E-02
1148	ALL		484675	3717675	NonCancei	0.00E+00	4.19E-05	0.00E+00	7.46E-06	7.46E-06	3.87E-04	1.12E-03	0.00E+00	9.73E-06	0.00E+00	7.46E-06	1.18E-02	0.00E+00	0.00E+00	1.18E-02
1149	ALL		484725	3717675	NonCancei	0.00E+00	3.56E-05	0.00E+00	6.21E-06	6.21E-06	3.29E-04	9.51E-04	0.00E+00	8.27E-06	0.00E+00	6.21E-06	9.60E-03	0.00E+00	0.00E+00	9.60E-03
1150	ALL		484775	3717675	NonCancei	0.00E+00	3.08E-05	0.00E+00	5.19E-06	5.19E-06	2.84E-04	8.25E-04	0.00E+00	7.15E-06	0.00E+00	5.19E-06	7.73E-03	0.00E+00	0.00E+00	7.73E-03
1151	ALL		484825	3717675	NonCancei	0.00E+00	2.70E-05	0.00E+00	4.53E-06	4.53E-06	2.48E-04	7.24E-04	0.00E+00	6.25E-06	0.00E+00	4.53E-06	6.71E-03	0.00E+00	0.00E+00	6.71E-03
1152	ALL		484875	3717675	NonCancei	0.00E+00	2.31E-05	0.00E+00	3.78E-06	3.78E-06	2.13E-04	6.22E-04	0.00E+00	5.36E-06	0.00E+00	3.78E-06	5.52E-03	0.00E+00	0.00E+00	5.52E-03
1153	ALL		484925	3717675	NonCancei	0.00E+00	2.03E-05	0.00E+00	3.28E-06	3.28E-06	1.87E-04	5.48E-04	0.00E+00	4.70E-06	0.00E+00	3.28E-06	4.73E-03	0.00E+00	0.00E+00	4.73E-03
1154	ALL		484975	3717675	NonCancei	0.00E+00	1.79E-05	0.00E+00	2.86E-06	2.86E-06	1.65E-04	4.86E-04	0.00E+00	4.16E-06	0.00E+00	2.86E-06	4.08E-03	0.00E+00	0.00E+00	4.08E-03
1155	ALL		485025	3717675	NonCancei	0.00E+00	1.63E-05	0.00E+00	2.56E-06	2.56E-06	1.50E-04	4.41E-04	0.00E+00	3.77E-06	0.00E+00	2.56E-06	3.63E-03	0.00E+00	0.00E+00	3.63E-03
1156	ALL		485075	3717675	NonCancei	0.00E+00	1.49E-05	0.00E+00	2.35E-06	2.35E-06	1.37E-04	4.04E-04	0.00E+00	3.45E-06	0.00E+00	2.35E-06	3.35E-03	0.00E+00	0.00E+00	3.35E-03
1157	ALL		485125	3717675	NonCancei	0.00E+00	1.36E-05	0.00E+00	2.16E-06	2.16E-06	1.25E-04	3.71E-04	0.00E+00	3.16E-06	0.00E+00	2.16E-06	3.08E-03	0.00E+00	0.00E+00	3.08E-03
1158	ALL		485175	3717675	NonCancei	0.00E+00	1.25E-05	0.00E+00	1.97E-06	1.97E-06	1.15E-04	3.40E-04	0.00E+00	2.89E-06	0.00E+00	1.97E-06	2.82E-03	0.00E+00	0.00E+00	2.82E-03
1159	ALL		485225	3717675	NonCancei	0.00E+00	1.14E-05	0.00E+00	1.81E-06	1.81E-06	1.05E-04	3.12E-04	0.00E+00	2.65E-06	0.00E+00	1.81E-06	2.60E-03	0.00E+00	0.00E+00	2.60E-03
1160	ALL		485275	3717675	NonCancei	0.00E+00	1.04E-05	0.00E+00	1.65E-06	1.65E-06	9.60E-05	2.86E-04	0.00E+00	2.42E-06	0.00E+00	1.65E-06	2.37E-03	0.00E+00	0.00E+00	2.37E-03
1161	ALL		485325	3717675	NonCancei	0.00E+00	9.63E-06	0.00E+00	1.53E-06	1.53E-06	8.86E-05	2.64E-04	0.00E+00	2.23E-06	0.00E+00	1.53E-06	2.21E-03	0.00E+00	0.00E+00	2.21E-03
1162	ALL		485375	3717675	NonCancei	0.00E+00	8.88E-06	0.00E+00	1.41E-06	1.41E-06	8.18E-05	2.44E-04	0.00E+00	2.06E-06	0.00E+00	1.41E-06	2.06E-03	0.00E+00	0.00E+00	2.06E-03
1163	ALL		485425	3717675	NonCancei	0.00E+00	8.24E-06	0.00E+00	1.31E-06	1.31E-06	7.59E-05	2.27E-04	0.00E+00	1.91E-06	0.00E+00	1.31E-06	1.92E-03	0.00E+00	0.00E+00	1.92E-03
1164	ALL		485475	3717675	NonCancei	0.00E+00	7.74E-06	0.00E+00	1.23E-06	1.23E-06	7.12E-05	2.13E-04	0.00E+00	1.79E-06	0.00E+00	1.23E-06	1.82E-03	0.00E+00	0.00E+00	1.82E-03
1165	ALL		482925	3717725	NonCancei	0.00E+00	8.99E-06	0.00E+00	1.12E-06	1.12E-06	8.25E-05	2.61E-04	0.00E+00	2.09E-06	0.00E+00	1.12E-06	1.62E-03	0.00E+00	0.00E+00	1.62E-03
1166	ALL		482975	3717725	NonCancei	0.00E+00	9.55E-06	0.00E+00	1.19E-06	1.19E-06	8.77E-05	2.76E-04	0.00E+00	2.22E-06	0.00E+00	1.19E-06	1.74E-03	0.00E+00	0.00E+00	1.74E-03
1167	ALL		483025	3717725	NonCancei	0.00E+00	1.01E-05	0.00E+00	1.27E-06	1.27E-06	9.28E-05	2.91E-04	0.00E+00	2.35E-06	0.00E+00	1.27E-06	1.85E-03	0.00E+00	0.00E+00	1.85E-03
1168	ALL		483075	3717725	NonCancei	0.00E+00	1.09E-05	0.00E+00	1.32E-06	1.32E-06	1.00E-04	3.15E-04	0.00E+00	2.53E-06	0.00E+00	1.32E-06	1.89E-03	0.00E+00	0.00E+00	1.89E-03
1169	ALL		483125	3717725	NonCancei	0.00E+00	1.17E-05	0.00E+00	1.39E-06	1.39E-06	1.07E-04	3.37E-04	0.00E+00	2.71E-06	0.00E+00	1.39E-06	1.96E-03	0.00E+00	0.00E+00	1.96E-03
1170	ALL		483175	3717725	NonCancei	0.00E+00	1.26E-05	0.00E+00	1.47E-06	1.47E-06	1.15E-04	3.61E-04	0.00E+00	2.92E-06	0.00E+00	1.47E-06	2.05E-03	0.00E+00	0.00E+00	2.05E-03

*HARP - HRACalc v19044 3/19/2020 1:54:21 PM - Chronic Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitChronicHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1171	ALL		483225	3717725	NonCancer	0.00E+00	1.37E-05	0.00E+00	1.61E-06	1.61E-06	1.25E-04	3.92E-04	0.00E+00	3.17E-06	0.00E+00	1.61E-06	2.24E-03	0.00E+00	0.00E+00	2.24E-03
1172	ALL		483275	3717725	NonCancer	0.00E+00	1.49E-05	0.00E+00	1.77E-06	1.77E-06	1.37E-04	4.27E-04	0.00E+00	3.46E-06	0.00E+00	1.77E-06	2.51E-03	0.00E+00	0.00E+00	2.51E-03
1173	ALL		483325	3717725	NonCancer	0.00E+00	1.63E-05	0.00E+00	1.96E-06	1.96E-06	1.50E-04	4.66E-04	0.00E+00	3.78E-06	0.00E+00	1.96E-06	2.82E-03	0.00E+00	0.00E+00	2.82E-03
1174	ALL		483375	3717725	NonCancer	0.00E+00	1.79E-05	0.00E+00	2.16E-06	2.16E-06	1.64E-04	5.12E-04	0.00E+00	4.16E-06	0.00E+00	2.16E-06	3.16E-03	0.00E+00	0.00E+00	3.16E-03
1175	ALL		483425	3717725	NonCancer	0.00E+00	1.99E-05	0.00E+00	2.40E-06	2.40E-06	1.82E-04	5.66E-04	0.00E+00	4.61E-06	0.00E+00	2.40E-06	3.56E-03	0.00E+00	0.00E+00	3.56E-03
1176	ALL		483475	3717725	NonCancer	0.00E+00	2.22E-05	0.00E+00	2.68E-06	2.68E-06	2.04E-04	6.32E-04	0.00E+00	5.16E-06	0.00E+00	2.68E-06	4.01E-03	0.00E+00	0.00E+00	4.01E-03
1177	ALL		483525	3717725	NonCancer	0.00E+00	2.52E-05	0.00E+00	3.00E-06	3.00E-06	2.31E-04	7.14E-04	0.00E+00	5.84E-06	0.00E+00	3.00E-06	4.53E-03	0.00E+00	0.00E+00	4.53E-03
1178	ALL		483575	3717725	NonCancer	0.00E+00	2.89E-05	0.00E+00	3.38E-06	3.38E-06	2.65E-04	8.18E-04	0.00E+00	6.70E-06	0.00E+00	3.38E-06	5.12E-03	0.00E+00	0.00E+00	5.12E-03
1179	ALL		483625	3717725	NonCancer	0.00E+00	3.35E-05	0.00E+00	3.82E-06	3.82E-06	3.07E-04	9.48E-04	0.00E+00	7.77E-06	0.00E+00	3.82E-06	5.78E-03	0.00E+00	0.00E+00	5.78E-03
1180	ALL		483675	3717725	NonCancer	0.00E+00	3.95E-05	0.00E+00	4.33E-06	4.33E-06	3.61E-04	1.12E-03	0.00E+00	9.15E-06	0.00E+00	4.33E-06	6.52E-03	0.00E+00	0.00E+00	6.52E-03
1181	ALL		483725	3717725	NonCancer	0.00E+00	4.77E-05	0.00E+00	4.90E-06	4.90E-06	4.37E-04	1.36E-03	0.00E+00	1.11E-05	0.00E+00	4.90E-06	7.32E-03	0.00E+00	0.00E+00	7.32E-03
1182	ALL		483775	3717725	NonCancer	0.00E+00	6.06E-05	0.00E+00	5.58E-06	5.58E-06	5.54E-04	1.75E-03	0.00E+00	1.40E-05	0.00E+00	5.58E-06	8.22E-03	0.00E+00	0.00E+00	8.22E-03
1183	ALL		483825	3717725	NonCancer	0.00E+00	9.45E-05	0.00E+00	7.25E-06	7.25E-06	8.62E-04	2.91E-03	0.00E+00	2.19E-05	0.00E+00	7.25E-06	1.12E-02	0.00E+00	0.00E+00	1.12E-02
1184	ALL		484525	3717725	NonCancer	0.00E+00	8.74E-05	0.00E+00	1.40E-05	1.40E-05	8.05E-04	2.29E-03	0.00E+00	2.03E-05	0.00E+00	1.40E-05	2.09E-02	0.00E+00	0.00E+00	2.09E-02
1185	ALL		484575	3717725	NonCancer	0.00E+00	6.70E-05	0.00E+00	1.17E-05	1.17E-05	6.18E-04	1.77E-03	0.00E+00	1.55E-05	0.00E+00	1.17E-05	1.84E-02	0.00E+00	0.00E+00	1.84E-02
1186	ALL		484625	3717725	NonCancer	0.00E+00	5.35E-05	0.00E+00	9.28E-06	9.28E-06	4.93E-04	1.42E-03	0.00E+00	1.24E-05	0.00E+00	9.28E-06	1.43E-02	0.00E+00	0.00E+00	1.43E-02
1187	ALL		484675	3717725	NonCancer	0.00E+00	4.39E-05	0.00E+00	7.50E-06	7.50E-06	4.05E-04	1.17E-03	0.00E+00	1.02E-05	0.00E+00	7.50E-06	1.13E-02	0.00E+00	0.00E+00	1.13E-02
1188	ALL		484725	3717725	NonCancer	0.00E+00	3.69E-05	0.00E+00	6.23E-06	6.23E-06	3.40E-04	9.85E-04	0.00E+00	8.55E-06	0.00E+00	6.23E-06	9.27E-03	0.00E+00	0.00E+00	9.27E-03
1189	ALL		484775	3717725	NonCancer	0.00E+00	3.15E-05	0.00E+00	5.15E-06	5.15E-06	2.90E-04	8.44E-04	0.00E+00	7.31E-06	0.00E+00	5.15E-06	7.41E-03	0.00E+00	0.00E+00	7.41E-03
1190	ALL		484825	3717725	NonCancer	0.00E+00	2.73E-05	0.00E+00	4.40E-06	4.40E-06	2.51E-04	7.33E-04	0.00E+00	6.33E-06	0.00E+00	4.40E-06	6.25E-03	0.00E+00	0.00E+00	6.25E-03
1191	ALL		484875	3717725	NonCancer	0.00E+00	2.37E-05	0.00E+00	3.73E-06	3.73E-06	2.18E-04	6.38E-04	0.00E+00	5.50E-06	0.00E+00	3.73E-06	5.18E-03	0.00E+00	0.00E+00	5.18E-03
1192	ALL		484925	3717725	NonCancer	0.00E+00	2.08E-05	0.00E+00	3.27E-06	3.27E-06	1.91E-04	5.62E-04	0.00E+00	4.82E-06	0.00E+00	3.27E-06	4.55E-03	0.00E+00	0.00E+00	4.55E-03
1193	ALL		484975	3717725	NonCancer	0.00E+00	1.82E-05	0.00E+00	2.89E-06	2.89E-06	1.68E-04	4.94E-04	0.00E+00	4.23E-06	0.00E+00	2.89E-06	4.07E-03	0.00E+00	0.00E+00	4.07E-03
1194	ALL		485025	3717725	NonCancer	0.00E+00	1.64E-05	0.00E+00	2.60E-06	2.60E-06	1.51E-04	4.45E-04	0.00E+00	3.80E-06	0.00E+00	2.60E-06	3.67E-03	0.00E+00	0.00E+00	3.67E-03
1195	ALL		485075	3717725	NonCancer	0.00E+00	1.49E-05	0.00E+00	2.36E-06	2.36E-06	1.37E-04	4.06E-04	0.00E+00	3.46E-06	0.00E+00	2.36E-06	3.35E-03	0.00E+00	0.00E+00	3.35E-03
1196	ALL		485125	3717725	NonCancer	0.00E+00	1.36E-05	0.00E+00	2.17E-06	2.17E-06	1.26E-04	3.72E-04	0.00E+00	3.16E-06	0.00E+00	2.17E-06	3.10E-03	0.00E+00	0.00E+00	3.10E-03
1197	ALL		485175	3717725	NonCancer	0.00E+00	1.26E-05	0.00E+00	2.01E-06	2.01E-06	1.16E-04	3.43E-04	0.00E+00	2.92E-06	0.00E+00	2.01E-06	2.90E-03	0.00E+00	0.00E+00	2.90E-03
1198	ALL		485225	3717725	NonCancer	0.00E+00	1.16E-05	0.00E+00	1.85E-06	1.85E-06	1.06E-04	3.16E-04	0.00E+00	2.68E-06	0.00E+00	1.85E-06	2.68E-03	0.00E+00	0.00E+00	2.68E-03
1199	ALL		485275	3717725	NonCancer	0.00E+00	1.06E-05	0.00E+00	1.69E-06	1.69E-06	9.73E-05	2.90E-04	0.00E+00	2.45E-06	0.00E+00	1.69E-06	2.44E-03	0.00E+00	0.00E+00	2.44E-03
1200	ALL		485325	3717725	NonCancer	0.00E+00	9.72E-06	0.00E+00	1.55E-06	1.55E-06	8.95E-05	2.67E-04	0.00E+00	2.25E-06	0.00E+00	1.55E-06	2.24E-03	0.00E+00	0.00E+00	2.24E-03
1201	ALL		485375	3717725	NonCancer	0.00E+00	9.01E-06	0.00E+00	1.43E-06	1.43E-06	8.29E-05	2.48E-04	0.00E+00	2.09E-06	0.00E+00	1.43E-06	2.08E-03	0.00E+00	0.00E+00	2.08E-03
1202	ALL		485425	3717725	NonCancer	0.00E+00	8.30E-06	0.00E+00	1.32E-06	1.32E-06	7.64E-05	2.29E-04	0.00E+00	1.93E-06	0.00E+00	1.32E-06	1.92E-03	0.00E+00	0.00E+00	1.92E-03
1203	ALL		485475	3717725	NonCancer	0.00E+00	7.78E-06	0.00E+00	1.23E-06	1.23E-06	7.17E-05	2.15E-04	0.00E+00	1.81E-06	0.00E+00	1.23E-06	1.80E-03	0.00E+00	0.00E+00	1.80E-03
1204	ALL		482925	3717775	NonCancer	0.00E+00	8.92E-06	0.00E+00	1.19E-06	1.19E-06	8.19E-05	2.58E-04	0.00E+00	2.07E-06	0.00E+00	1.19E-06	1.81E-03	0.00E+00	0.00E+00	1.81E-03
1205	ALL		482975	3717775	NonCancer	0.00E+00	9.49E-06	0.00E+00	1.26E-06	1.26E-06	8.72E-05	2.74E-04	0.00E+00	2.20E-06	0.00E+00	1.26E-06	1.91E-03	0.00E+00	0.00E+00	1.91E-03
1206	ALL		483025	3717775	NonCancer	0.00E+00	1.01E-05	0.00E+00	1.33E-06	1.33E-06	9.30E-05	2.92E-04	0.00E+00	2.35E-06	0.00E+00	1.33E-06	2.01E-03	0.00E+00	0.00E+00	2.01E-03
1207	ALL		483075	3717775	NonCancer	0.00E+00	1.09E-05	0.00E+00	1.40E-06	1.40E-06	9.97E-05	3.13E-04	0.00E+00	2.52E-06	0.00E+00	1.40E-06	2.08E-03	0.00E+00	0.00E+00	2.08E-03
1208	ALL		483125	3717775	NonCancer	0.00E+00	1.17E-05	0.00E+00	1.48E-06	1.48E-06	1.07E-04	3.35E-04	0.00E+00	2.70E-06	0.00E+00	1.48E-06	2.20E-03	0.00E+00	0.00E+00	2.20E-03
1209	ALL		483175	3717775	NonCancer	0.00E+00	1.25E-05	0.00E+00	1.58E-06	1.58E-06	1.15E-04	3.60E-04	0.00E+00	2.91E-06	0.00E+00	1.58E-06	2.32E-03	0.00E+00	0.00E+00	2.32E-03
1210	ALL		483225	3717775	NonCancer	0.00E+00	1.36E-05	0.00E+00	1.69E-06	1.69E-06	1.25E-04	3.89E-04	0.00E+00	3.15E-06	0.00E+00	1.69E-06	2.47E-03	0.00E+00	0.00E+00	2.47E-03
1211	ALL		483275	3717775	NonCancer	0.00E+00	1.48E-05	0.00E+00	1.82E-06	1.82E-06	1.36E-04	4.22E-04	0.00E+00	3.43E-06	0.00E+00	1.82E-06	2.64E-03	0.00E+00	0.00E+00	2.64E-03
1212	ALL		483325	3717775	NonCancer	0.00E+00	1.62E-05	0.00E+00	1.96E-06	1.96E-06	1.48E-04	4.61E-04	0.00E+00	3.75E-06	0.00E+00	1.96E-06	2.82E-03	0.00E+00	0.00E+00	2.82E-03
1213	ALL		483375	3717775	NonCancer	0.00E+00	1.78E-05	0.00E+00	2.13E-06	2.13E-06	1.63E-04	5.06E-04	0.00E+00	4.13E-06	0.00E+00	2.13E-06	3.02E-03	0.00E+00	0.00E+00	3.02E-03
1214	ALL		483425	3717775	NonCancer	0.00E+00	1.97E-05	0.00E+00	2.31E-06	2.31E-06	1.81E-04	5.59E-04	0.00E+00	4.57E-06	0.00E+00	2.31E-06	3.24E-03	0.00E+00	0.00E+00	3.24E-03
1215	ALL		483475	3717775	NonCancer	0.00E+00	2.20E-05	0.00E+00	2.52E-06	2.52E-06	2.01E-04	6.22E-04	0.00E+00	5.10E-06	0.00E+00	2.52E-06	3.51E-03	0.00E+00	0.00E+00	3.51E-03

*HARP - HRACalc v19044 3/19/2020 1:54:21 PM - Chronic Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitChronicHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1216	ALL		483525	3717775	NonCancei	0.00E+00	2.47E-05	0.00E+00	2.86E-06	2.86E-06	2.27E-04	6.99E-04	0.00E+00	5.74E-06	0.00E+00	2.86E-06	4.07E-03	0.00E+00	0.00E+00	4.07E-03
1217	ALL		483575	3717775	NonCancei	0.00E+00	2.82E-05	0.00E+00	3.28E-06	3.28E-06	2.58E-04	7.94E-04	0.00E+00	6.53E-06	0.00E+00	3.28E-06	4.75E-03	0.00E+00	0.00E+00	4.75E-03
1218	ALL		483625	3717775	NonCancei	0.00E+00	3.25E-05	0.00E+00	3.78E-06	3.78E-06	2.98E-04	9.15E-04	0.00E+00	7.53E-06	0.00E+00	3.78E-06	5.58E-03	0.00E+00	0.00E+00	5.58E-03
1219	ALL		483675	3717775	NonCancei	0.00E+00	3.79E-05	0.00E+00	4.39E-06	4.39E-06	3.48E-04	1.07E-03	0.00E+00	8.80E-06	0.00E+00	4.39E-06	6.59E-03	0.00E+00	0.00E+00	6.59E-03
1220	ALL		483725	3717775	NonCancei	0.00E+00	4.53E-05	0.00E+00	5.15E-06	5.15E-06	4.15E-04	1.28E-03	0.00E+00	1.05E-05	0.00E+00	5.15E-06	7.84E-03	0.00E+00	0.00E+00	7.84E-03
1221	ALL		483775	3717775	NonCancei	0.00E+00	5.57E-05	0.00E+00	6.06E-06	6.06E-06	5.10E-04	1.58E-03	0.00E+00	1.29E-05	0.00E+00	6.06E-06	9.39E-03	0.00E+00	0.00E+00	9.39E-03
1222	ALL		483825	3717775	NonCancei	0.00E+00	7.43E-05	0.00E+00	7.36E-06	7.36E-06	6.80E-04	2.15E-03	0.00E+00	1.72E-05	0.00E+00	7.36E-06	1.14E-02	0.00E+00	0.00E+00	1.14E-02
1223	ALL		483875	3717775	NonCancei	0.00E+00	1.45E-04	0.00E+00	9.78E-06	9.78E-06	1.32E-03	4.63E-03	0.00E+00	3.36E-05	0.00E+00	9.78E-06	1.52E-02	0.00E+00	0.00E+00	1.52E-02
1224	ALL		484525	3717775	NonCancei	0.00E+00	9.80E-05	0.00E+00	1.63E-05	1.63E-05	9.03E-04	2.56E-03	0.00E+00	2.27E-05	0.00E+00	1.63E-05	2.48E-02	0.00E+00	0.00E+00	2.48E-02
1225	ALL		484575	3717775	NonCancei	0.00E+00	7.33E-05	0.00E+00	1.23E-05	1.23E-05	6.76E-04	1.93E-03	0.00E+00	1.70E-05	0.00E+00	1.23E-05	1.85E-02	0.00E+00	0.00E+00	1.85E-02
1226	ALL		484625	3717775	NonCancei	0.00E+00	5.68E-05	0.00E+00	9.36E-06	9.36E-06	5.23E-04	1.50E-03	0.00E+00	1.32E-05	0.00E+00	9.36E-06	1.36E-02	0.00E+00	0.00E+00	1.36E-02
1227	ALL		484675	3717775	NonCancei	0.00E+00	4.56E-05	0.00E+00	7.29E-06	7.29E-06	4.20E-04	1.21E-03	0.00E+00	1.06E-05	0.00E+00	7.29E-06	1.02E-02	0.00E+00	0.00E+00	1.02E-02
1228	ALL		484725	3717775	NonCancei	0.00E+00	3.79E-05	0.00E+00	6.16E-06	6.16E-06	3.49E-04	1.01E-03	0.00E+00	8.78E-06	0.00E+00	6.16E-06	8.76E-03	0.00E+00	0.00E+00	8.76E-03
1229	ALL		484775	3717775	NonCancei	0.00E+00	3.21E-05	0.00E+00	5.27E-06	5.27E-06	2.96E-04	8.60E-04	0.00E+00	7.44E-06	0.00E+00	5.27E-06	7.56E-03	0.00E+00	0.00E+00	7.56E-03
1230	ALL		484825	3717775	NonCancei	0.00E+00	2.73E-05	0.00E+00	4.50E-06	4.50E-06	2.52E-04	7.35E-04	0.00E+00	6.34E-06	0.00E+00	4.50E-06	6.49E-03	0.00E+00	0.00E+00	6.49E-03
1231	ALL		484875	3717775	NonCancei	0.00E+00	2.38E-05	0.00E+00	3.90E-06	3.90E-06	2.19E-04	6.41E-04	0.00E+00	5.51E-06	0.00E+00	3.90E-06	5.63E-03	0.00E+00	0.00E+00	5.63E-03
1232	ALL		484925	3717775	NonCancei	0.00E+00	2.10E-05	0.00E+00	3.42E-06	3.42E-06	1.93E-04	5.67E-04	0.00E+00	4.86E-06	0.00E+00	3.42E-06	4.92E-03	0.00E+00	0.00E+00	4.92E-03
1233	ALL		484975	3717775	NonCancei	0.00E+00	1.87E-05	0.00E+00	3.02E-06	3.02E-06	1.72E-04	5.06E-04	0.00E+00	4.33E-06	0.00E+00	3.02E-06	4.31E-03	0.00E+00	0.00E+00	4.31E-03
1234	ALL		485025	3717775	NonCancei	0.00E+00	1.66E-05	0.00E+00	2.66E-06	2.66E-06	1.53E-04	4.52E-04	0.00E+00	3.86E-06	0.00E+00	2.66E-06	3.79E-03	0.00E+00	0.00E+00	3.79E-03
1235	ALL		485075	3717775	NonCancei	0.00E+00	1.50E-05	0.00E+00	2.38E-06	2.38E-06	1.38E-04	4.09E-04	0.00E+00	3.48E-06	0.00E+00	2.38E-06	3.36E-03	0.00E+00	0.00E+00	3.36E-03
1236	ALL		485125	3717775	NonCancei	0.00E+00	1.37E-05	0.00E+00	2.18E-06	2.18E-06	1.26E-04	3.75E-04	0.00E+00	3.19E-06	0.00E+00	2.18E-06	3.09E-03	0.00E+00	0.00E+00	3.09E-03
1237	ALL		485175	3717775	NonCancei	0.00E+00	1.26E-05	0.00E+00	2.01E-06	2.01E-06	1.16E-04	3.45E-04	0.00E+00	2.93E-06	0.00E+00	2.01E-06	2.88E-03	0.00E+00	0.00E+00	2.88E-03
1238	ALL		485225	3717775	NonCancei	0.00E+00	1.16E-05	0.00E+00	1.85E-06	1.85E-06	1.07E-04	3.17E-04	0.00E+00	2.68E-06	0.00E+00	1.85E-06	2.66E-03	0.00E+00	0.00E+00	2.66E-03
1239	ALL		485275	3717775	NonCancei	0.00E+00	1.07E-05	0.00E+00	1.70E-06	1.70E-06	9.82E-05	2.92E-04	0.00E+00	2.47E-06	0.00E+00	1.70E-06	2.46E-03	0.00E+00	0.00E+00	2.46E-03
1240	ALL		485325	3717775	NonCancei	0.00E+00	9.79E-06	0.00E+00	1.56E-06	1.56E-06	9.01E-05	2.69E-04	0.00E+00	2.27E-06	0.00E+00	1.56E-06	2.26E-03	0.00E+00	0.00E+00	2.26E-03
1241	ALL		485375	3717775	NonCancei	0.00E+00	9.04E-06	0.00E+00	1.44E-06	1.44E-06	8.32E-05	2.49E-04	0.00E+00	2.10E-06	0.00E+00	1.44E-06	2.10E-03	0.00E+00	0.00E+00	2.10E-03
1242	ALL		485425	3717775	NonCancei	0.00E+00	8.36E-06	0.00E+00	1.33E-06	1.33E-06	7.70E-05	2.30E-04	0.00E+00	1.94E-06	0.00E+00	1.33E-06	1.95E-03	0.00E+00	0.00E+00	1.95E-03
1243	ALL		485475	3717775	NonCancei	0.00E+00	7.84E-06	0.00E+00	1.25E-06	1.25E-06	7.22E-05	2.16E-04	0.00E+00	1.82E-06	0.00E+00	1.25E-06	1.83E-03	0.00E+00	0.00E+00	1.83E-03
1244	ALL		482925	3717825	NonCancei	0.00E+00	8.79E-06	0.00E+00	1.23E-06	1.23E-06	8.08E-05	2.53E-04	0.00E+00	2.04E-06	0.00E+00	1.23E-06	1.93E-03	0.00E+00	0.00E+00	1.93E-03
1245	ALL		482975	3717825	NonCancei	0.00E+00	9.39E-06	0.00E+00	1.30E-06	1.30E-06	8.63E-05	2.70E-04	0.00E+00	2.18E-06	0.00E+00	1.30E-06	2.03E-03	0.00E+00	0.00E+00	2.03E-03
1246	ALL		483025	3717825	NonCancei	0.00E+00	1.01E-05	0.00E+00	1.37E-06	1.37E-06	9.25E-05	2.90E-04	0.00E+00	2.34E-06	0.00E+00	1.37E-06	2.12E-03	0.00E+00	0.00E+00	2.12E-03
1247	ALL		483075	3717825	NonCancei	0.00E+00	1.08E-05	0.00E+00	1.45E-06	1.45E-06	9.90E-05	3.10E-04	0.00E+00	2.50E-06	0.00E+00	1.45E-06	2.21E-03	0.00E+00	0.00E+00	2.21E-03
1248	ALL		483125	3717825	NonCancei	0.00E+00	1.16E-05	0.00E+00	1.55E-06	1.55E-06	1.06E-04	3.32E-04	0.00E+00	2.68E-06	0.00E+00	1.55E-06	2.37E-03	0.00E+00	0.00E+00	2.37E-03
1249	ALL		483175	3717825	NonCancei	0.00E+00	1.25E-05	0.00E+00	1.65E-06	1.65E-06	1.14E-04	3.57E-04	0.00E+00	2.89E-06	0.00E+00	1.65E-06	2.51E-03	0.00E+00	0.00E+00	2.51E-03
1250	ALL		483225	3717825	NonCancei	0.00E+00	1.35E-05	0.00E+00	1.77E-06	1.77E-06	1.24E-04	3.85E-04	0.00E+00	3.12E-06	0.00E+00	1.77E-06	2.67E-03	0.00E+00	0.00E+00	2.67E-03
1251	ALL		483275	3717825	NonCancei	0.00E+00	1.46E-05	0.00E+00	1.91E-06	1.91E-06	1.34E-04	4.18E-04	0.00E+00	3.40E-06	0.00E+00	1.91E-06	2.87E-03	0.00E+00	0.00E+00	2.87E-03
1252	ALL		483325	3717825	NonCancei	0.00E+00	1.60E-05	0.00E+00	2.06E-06	2.06E-06	1.47E-04	4.55E-04	0.00E+00	3.71E-06	0.00E+00	2.06E-06	3.08E-03	0.00E+00	0.00E+00	3.08E-03
1253	ALL		483375	3717825	NonCancei	0.00E+00	1.76E-05	0.00E+00	2.24E-06	2.24E-06	1.61E-04	4.99E-04	0.00E+00	4.08E-06	0.00E+00	2.24E-06	3.32E-03	0.00E+00	0.00E+00	3.32E-03
1254	ALL		483425	3717825	NonCancei	0.00E+00	1.94E-05	0.00E+00	2.44E-06	2.44E-06	1.78E-04	5.51E-04	0.00E+00	4.51E-06	0.00E+00	2.44E-06	3.59E-03	0.00E+00	0.00E+00	3.59E-03
1255	ALL		483475	3717825	NonCancei	0.00E+00	2.16E-05	0.00E+00	2.67E-06	2.67E-06	1.98E-04	6.11E-04	0.00E+00	5.02E-06	0.00E+00	2.67E-06	3.89E-03	0.00E+00	0.00E+00	3.89E-03
1256	ALL		483525	3717825	NonCancei	0.00E+00	2.43E-05	0.00E+00	2.95E-06	2.95E-06	2.23E-04	6.84E-04	0.00E+00	5.63E-06	0.00E+00	2.95E-06	4.26E-03	0.00E+00	0.00E+00	4.26E-03
1257	ALL		483575	3717825	NonCancei	0.00E+00	2.75E-05	0.00E+00	3.26E-06	3.26E-06	2.52E-04	7.72E-04	0.00E+00	6.37E-06	0.00E+00	3.26E-06	4.66E-03	0.00E+00	0.00E+00	4.66E-03
1258	ALL		483625	3717825	NonCancei	0.00E+00	3.14E-05	0.00E+00	3.65E-06	3.65E-06	2.88E-04	8.82E-04	0.00E+00	7.29E-06	0.00E+00	3.65E-06	5.16E-03	0.00E+00	0.00E+00	5.16E-03
1259	ALL		483675	3717825	NonCancei	0.00E+00	3.64E-05	0.00E+00	4.12E-06	4.12E-06	3.34E-04	1.02E-03	0.00E+00	8.45E-06	0.00E+00	4.12E-06	5.75E-03	0.00E+00	0.00E+00	5.75E-03
1260	ALL		483725	3717825	NonCancei	0.00E+00	4.30E-05	0.00E+00	4.71E-06	4.71E-06	3.94E-04	1.21E-03	0.00E+00	9.98E-06	0.00E+00	4.71E-06	6.54E-03	0.00E+00	0.00E+00	6.54E-03

*HARP - HRACalc v19044 3/19/2020 1:54:21 PM - Chronic Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitChronicHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1261	ALL		483775	3717825	NonCancer	0.00E+00	5.21E-05	0.00E+00	5.68E-06	5.68E-06	4.77E-04	1.47E-03	0.00E+00	1.21E-05	0.00E+00	5.68E-06	8.16E-03	0.00E+00	0.00E+00	8.16E-03
1262	ALL		483825	3717825	NonCancer	0.00E+00	6.63E-05	0.00E+00	7.06E-06	7.06E-06	6.07E-04	1.88E-03	0.00E+00	1.54E-05	0.00E+00	7.06E-06	1.04E-02	0.00E+00	0.00E+00	1.04E-02
1263	ALL		483875	3717825	NonCancer	0.00E+00	9.36E-05	0.00E+00	9.05E-06	9.05E-06	8.57E-04	2.74E-03	0.00E+00	2.17E-05	0.00E+00	9.05E-06	1.37E-02	0.00E+00	0.00E+00	1.37E-02
1264	ALL		483925	3717825	NonCancer	0.00E+00	1.97E-04	0.00E+00	1.29E-05	1.29E-05	1.79E-03	6.33E-03	0.00E+00	4.56E-05	0.00E+00	1.29E-05	2.01E-02	0.00E+00	0.00E+00	2.01E-02
1265	ALL		484525	3717825	NonCancer	0.00E+00	1.09E-04	0.00E+00	1.69E-05	1.69E-05	1.00E-03	2.84E-03	0.00E+00	2.52E-05	0.00E+00	1.69E-05	2.41E-02	0.00E+00	0.00E+00	2.41E-02
1266	ALL		484575	3717825	NonCancer	0.00E+00	7.86E-05	0.00E+00	1.29E-05	1.29E-05	7.24E-04	2.07E-03	0.00E+00	1.82E-05	0.00E+00	1.29E-05	1.86E-02	0.00E+00	0.00E+00	1.86E-02
1267	ALL		484625	3717825	NonCancer	0.00E+00	5.91E-05	0.00E+00	9.87E-06	9.87E-06	5.45E-04	1.57E-03	0.00E+00	1.37E-05	0.00E+00	9.87E-06	1.44E-02	0.00E+00	0.00E+00	1.44E-02
1268	ALL		484675	3717825	NonCancer	0.00E+00	4.69E-05	0.00E+00	7.88E-06	7.88E-06	4.33E-04	1.25E-03	0.00E+00	1.09E-05	0.00E+00	7.88E-06	1.14E-02	0.00E+00	0.00E+00	1.14E-02
1269	ALL		484725	3717825	NonCancer	0.00E+00	3.88E-05	0.00E+00	6.49E-06	6.49E-06	3.58E-04	1.04E-03	0.00E+00	9.00E-06	0.00E+00	6.49E-06	9.37E-03	0.00E+00	0.00E+00	9.37E-03
1270	ALL		484775	3717825	NonCancer	0.00E+00	3.27E-05	0.00E+00	5.41E-06	5.41E-06	3.01E-04	8.77E-04	0.00E+00	7.58E-06	0.00E+00	5.41E-06	7.75E-03	0.00E+00	0.00E+00	7.75E-03
1271	ALL		484825	3717825	NonCancer	0.00E+00	2.79E-05	0.00E+00	4.56E-06	4.56E-06	2.57E-04	7.50E-04	0.00E+00	6.46E-06	0.00E+00	4.56E-06	6.46E-03	0.00E+00	0.00E+00	6.46E-03
1272	ALL		484875	3717825	NonCancer	0.00E+00	2.41E-05	0.00E+00	3.89E-06	3.89E-06	2.22E-04	6.51E-04	0.00E+00	5.60E-06	0.00E+00	3.89E-06	5.45E-03	0.00E+00	0.00E+00	5.45E-03
1273	ALL		484925	3717825	NonCancer	0.00E+00	2.13E-05	0.00E+00	3.38E-06	3.38E-06	1.96E-04	5.76E-04	0.00E+00	4.93E-06	0.00E+00	3.38E-06	4.70E-03	0.00E+00	0.00E+00	4.70E-03
1274	ALL		484975	3717825	NonCancer	0.00E+00	1.88E-05	0.00E+00	3.00E-06	3.00E-06	1.73E-04	5.11E-04	0.00E+00	4.37E-06	0.00E+00	3.00E-06	4.19E-03	0.00E+00	0.00E+00	4.19E-03
1275	ALL		485025	3717825	NonCancer	0.00E+00	1.68E-05	0.00E+00	2.68E-06	2.68E-06	1.55E-04	4.58E-04	0.00E+00	3.91E-06	0.00E+00	2.68E-06	3.76E-03	0.00E+00	0.00E+00	3.76E-03
1276	ALL		485075	3717825	NonCancer	0.00E+00	1.52E-05	0.00E+00	2.41E-06	2.41E-06	1.40E-04	4.13E-04	0.00E+00	3.51E-06	0.00E+00	2.41E-06	3.40E-03	0.00E+00	0.00E+00	3.40E-03
1277	ALL		485125	3717825	NonCancer	0.00E+00	1.37E-05	0.00E+00	2.18E-06	2.18E-06	1.26E-04	3.75E-04	0.00E+00	3.19E-06	0.00E+00	2.18E-06	3.09E-03	0.00E+00	0.00E+00	3.09E-03
1278	ALL		485175	3717825	NonCancer	0.00E+00	1.26E-05	0.00E+00	2.00E-06	2.00E-06	1.16E-04	3.44E-04	0.00E+00	2.92E-06	0.00E+00	2.00E-06	2.84E-03	0.00E+00	0.00E+00	2.84E-03
1279	ALL		485225	3717825	NonCancer	0.00E+00	1.15E-05	0.00E+00	1.82E-06	1.82E-06	1.06E-04	3.14E-04	0.00E+00	2.66E-06	0.00E+00	1.82E-06	2.59E-03	0.00E+00	0.00E+00	2.59E-03
1280	ALL		485275	3717825	NonCancer	0.00E+00	1.06E-05	0.00E+00	1.67E-06	1.67E-06	9.74E-05	2.90E-04	0.00E+00	2.45E-06	0.00E+00	1.67E-06	2.39E-03	0.00E+00	0.00E+00	2.39E-03
1281	ALL		485325	3717825	NonCancer	0.00E+00	9.76E-06	0.00E+00	1.54E-06	1.54E-06	8.99E-05	2.68E-04	0.00E+00	2.26E-06	0.00E+00	1.54E-06	2.21E-03	0.00E+00	0.00E+00	2.21E-03
1282	ALL		485375	3717825	NonCancer	0.00E+00	9.06E-06	0.00E+00	1.43E-06	1.43E-06	8.34E-05	2.49E-04	0.00E+00	2.10E-06	0.00E+00	1.43E-06	2.05E-03	0.00E+00	0.00E+00	2.05E-03
1283	ALL		485425	3717825	NonCancer	0.00E+00	8.51E-06	0.00E+00	1.34E-06	1.34E-06	7.83E-05	2.34E-04	0.00E+00	1.97E-06	0.00E+00	1.34E-06	1.94E-03	0.00E+00	0.00E+00	1.94E-03
1284	ALL		485475	3717825	NonCancer	0.00E+00	7.92E-06	0.00E+00	1.25E-06	1.25E-06	7.30E-05	2.19E-04	0.00E+00	1.84E-06	0.00E+00	1.25E-06	1.82E-03	0.00E+00	0.00E+00	1.82E-03
1285	ALL		482925	3717875	NonCancer	0.00E+00	8.68E-06	0.00E+00	1.24E-06	1.24E-06	7.98E-05	2.50E-04	0.00E+00	2.01E-06	0.00E+00	1.24E-06	1.96E-03	0.00E+00	0.00E+00	1.96E-03
1286	ALL		482975	3717875	NonCancer	0.00E+00	9.29E-06	0.00E+00	1.31E-06	1.31E-06	8.54E-05	2.67E-04	0.00E+00	2.16E-06	0.00E+00	1.31E-06	2.06E-03	0.00E+00	0.00E+00	2.06E-03
1287	ALL		483025	3717875	NonCancer	0.00E+00	9.97E-06	0.00E+00	1.39E-06	1.39E-06	9.17E-05	2.87E-04	0.00E+00	2.31E-06	0.00E+00	1.39E-06	2.15E-03	0.00E+00	0.00E+00	2.15E-03
1288	ALL		483075	3717875	NonCancer	0.00E+00	1.07E-05	0.00E+00	1.47E-06	1.47E-06	9.81E-05	3.06E-04	0.00E+00	2.48E-06	0.00E+00	1.47E-06	2.26E-03	0.00E+00	0.00E+00	2.26E-03
1289	ALL		483125	3717875	NonCancer	0.00E+00	1.14E-05	0.00E+00	1.58E-06	1.58E-06	1.05E-04	3.27E-04	0.00E+00	2.65E-06	0.00E+00	1.58E-06	2.45E-03	0.00E+00	0.00E+00	2.45E-03
1290	ALL		483175	3717875	NonCancer	0.00E+00	1.23E-05	0.00E+00	1.69E-06	1.69E-06	1.13E-04	3.52E-04	0.00E+00	2.86E-06	0.00E+00	1.69E-06	2.60E-03	0.00E+00	0.00E+00	2.60E-03
1291	ALL		483225	3717875	NonCancer	0.00E+00	1.33E-05	0.00E+00	1.79E-06	1.79E-06	1.22E-04	3.80E-04	0.00E+00	3.09E-06	0.00E+00	1.79E-06	2.72E-03	0.00E+00	0.00E+00	2.72E-03
1292	ALL		483275	3717875	NonCancer	0.00E+00	1.45E-05	0.00E+00	1.94E-06	1.94E-06	1.33E-04	4.12E-04	0.00E+00	3.35E-06	0.00E+00	1.94E-06	2.95E-03	0.00E+00	0.00E+00	2.95E-03
1293	ALL		483325	3717875	NonCancer	0.00E+00	1.58E-05	0.00E+00	2.11E-06	2.11E-06	1.45E-04	4.49E-04	0.00E+00	3.66E-06	0.00E+00	2.11E-06	3.18E-03	0.00E+00	0.00E+00	3.18E-03
1294	ALL		483375	3717875	NonCancer	0.00E+00	1.73E-05	0.00E+00	2.29E-06	2.29E-06	1.59E-04	4.91E-04	0.00E+00	4.02E-06	0.00E+00	2.29E-06	3.44E-03	0.00E+00	0.00E+00	3.44E-03
1295	ALL		483425	3717875	NonCancer	0.00E+00	1.91E-05	0.00E+00	2.50E-06	2.50E-06	1.76E-04	5.41E-04	0.00E+00	4.43E-06	0.00E+00	2.50E-06	3.74E-03	0.00E+00	0.00E+00	3.74E-03
1296	ALL		483475	3717875	NonCancer	0.00E+00	2.13E-05	0.00E+00	2.76E-06	2.76E-06	1.95E-04	6.00E-04	0.00E+00	4.93E-06	0.00E+00	2.76E-06	4.10E-03	0.00E+00	0.00E+00	4.10E-03
1297	ALL		483525	3717875	NonCancer	0.00E+00	2.38E-05	0.00E+00	3.05E-06	3.05E-06	2.18E-04	6.70E-04	0.00E+00	5.52E-06	0.00E+00	3.05E-06	4.51E-03	0.00E+00	0.00E+00	4.51E-03
1298	ALL		483575	3717875	NonCancer	0.00E+00	2.68E-05	0.00E+00	3.38E-06	3.38E-06	2.46E-04	7.52E-04	0.00E+00	6.21E-06	0.00E+00	3.38E-06	4.95E-03	0.00E+00	0.00E+00	4.95E-03
1299	ALL		483625	3717875	NonCancer	0.00E+00	3.04E-05	0.00E+00	3.77E-06	3.77E-06	2.79E-04	8.52E-04	0.00E+00	7.05E-06	0.00E+00	3.77E-06	5.46E-03	0.00E+00	0.00E+00	5.46E-03
1300	ALL		483675	3717875	NonCancer	0.00E+00	3.49E-05	0.00E+00	4.23E-06	4.23E-06	3.20E-04	9.77E-04	0.00E+00	8.10E-06	0.00E+00	4.23E-06	6.05E-03	0.00E+00	0.00E+00	6.05E-03
1301	ALL		483725	3717875	NonCancer	0.00E+00	4.08E-05	0.00E+00	4.81E-06	4.81E-06	3.74E-04	1.14E-03	0.00E+00	9.46E-06	0.00E+00	4.81E-06	6.79E-03	0.00E+00	0.00E+00	6.79E-03
1302	ALL		483775	3717875	NonCancer	0.00E+00	4.88E-05	0.00E+00	5.56E-06	5.56E-06	4.47E-04	1.37E-03	0.00E+00	1.13E-05	0.00E+00	5.56E-06	7.77E-03	0.00E+00	0.00E+00	7.77E-03
1303	ALL		483825	3717875	NonCancer	0.00E+00	6.04E-05	0.00E+00	6.63E-06	6.63E-06	5.54E-04	1.70E-03	0.00E+00	1.40E-05	0.00E+00	6.63E-06	9.18E-03	0.00E+00	0.00E+00	9.18E-03
1304	ALL		483875	3717875	NonCancer	0.00E+00	7.92E-05	0.00E+00	8.20E-06	8.20E-06	7.25E-04	2.25E-03	0.00E+00	1.84E-05	0.00E+00	8.20E-06	1.13E-02	0.00E+00	0.00E+00	1.13E-02
1305	ALL		483925	3717875	NonCancer	0.00E+00	1.26E-04	0.00E+00	1.05E-05	1.05E-05	1.15E-03	3.76E-03	0.00E+00	2.91E-05	0.00E+00	1.05E-05	1.44E-02	0.00E+00	0.00E+00	1.44E-02

*HARP - HRACalc v19044 3/19/2020 1:54:21 PM - Chronic Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitChronicHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1306	ALL		484525	3717875	NonCancei	0.00E+00	1.14E-04	0.00E+00	1.71E-05	1.71E-05	1.05E-03	2.98E-03	0.00E+00	2.65E-05	0.00E+00	1.71E-05	2.36E-02	0.00E+00	0.00E+00	2.36E-02
1307	ALL		484575	3717875	NonCancei	0.00E+00	8.00E-05	0.00E+00	1.27E-05	1.27E-05	7.36E-04	2.11E-03	0.00E+00	1.85E-05	0.00E+00	1.27E-05	1.77E-02	0.00E+00	0.00E+00	1.77E-02
1308	ALL		484625	3717875	NonCancei	0.00E+00	6.01E-05	0.00E+00	9.81E-06	9.81E-06	5.54E-04	1.59E-03	0.00E+00	1.39E-05	0.00E+00	9.81E-06	1.38E-02	0.00E+00	0.00E+00	1.38E-02
1309	ALL		484675	3717875	NonCancei	0.00E+00	4.75E-05	0.00E+00	7.84E-06	7.84E-06	4.37E-04	1.27E-03	0.00E+00	1.10E-05	0.00E+00	7.84E-06	1.11E-02	0.00E+00	0.00E+00	1.11E-02
1310	ALL		484725	3717875	NonCancei	0.00E+00	3.91E-05	0.00E+00	6.49E-06	6.49E-06	3.60E-04	1.05E-03	0.00E+00	9.06E-06	0.00E+00	6.49E-06	9.21E-03	0.00E+00	0.00E+00	9.21E-03
1311	ALL		484775	3717875	NonCancei	0.00E+00	3.28E-05	0.00E+00	5.46E-06	5.46E-06	3.03E-04	8.82E-04	0.00E+00	7.61E-06	0.00E+00	5.46E-06	7.77E-03	0.00E+00	0.00E+00	7.77E-03
1312	ALL		484825	3717875	NonCancei	0.00E+00	2.81E-05	0.00E+00	4.66E-06	4.66E-06	2.59E-04	7.57E-04	0.00E+00	6.51E-06	0.00E+00	4.66E-06	6.64E-03	0.00E+00	0.00E+00	6.64E-03
1313	ALL		484875	3717875	NonCancei	0.00E+00	2.43E-05	0.00E+00	4.02E-06	4.02E-06	2.24E-04	6.57E-04	0.00E+00	5.64E-06	0.00E+00	4.02E-06	5.73E-03	0.00E+00	0.00E+00	5.73E-03
1314	ALL		484925	3717875	NonCancei	0.00E+00	2.13E-05	0.00E+00	3.50E-06	3.50E-06	1.96E-04	5.77E-04	0.00E+00	4.94E-06	0.00E+00	3.50E-06	4.99E-03	0.00E+00	0.00E+00	4.99E-03
1315	ALL		484975	3717875	NonCancei	0.00E+00	1.89E-05	0.00E+00	3.10E-06	3.10E-06	1.75E-04	5.14E-04	0.00E+00	4.39E-06	0.00E+00	3.10E-06	4.42E-03	0.00E+00	0.00E+00	4.42E-03
1316	ALL		485025	3717875	NonCancei	0.00E+00	1.70E-05	0.00E+00	2.77E-06	2.77E-06	1.57E-04	4.63E-04	0.00E+00	3.95E-06	0.00E+00	2.77E-06	3.94E-03	0.00E+00	0.00E+00	3.94E-03
1317	ALL		485075	3717875	NonCancei	0.00E+00	1.52E-05	0.00E+00	2.46E-06	2.46E-06	1.40E-04	4.15E-04	0.00E+00	3.53E-06	0.00E+00	2.46E-06	3.50E-03	0.00E+00	0.00E+00	3.50E-03
1318	ALL		485125	3717875	NonCancei	0.00E+00	1.38E-05	0.00E+00	2.21E-06	2.21E-06	1.27E-04	3.77E-04	0.00E+00	3.20E-06	0.00E+00	2.21E-06	3.15E-03	0.00E+00	0.00E+00	3.15E-03
1319	ALL		485175	3717875	NonCancei	0.00E+00	1.26E-05	0.00E+00	2.00E-06	2.00E-06	1.16E-04	3.44E-04	0.00E+00	2.92E-06	0.00E+00	2.00E-06	2.85E-03	0.00E+00	0.00E+00	2.85E-03
1320	ALL		485225	3717875	NonCancei	0.00E+00	1.15E-05	0.00E+00	1.83E-06	1.83E-06	1.06E-04	3.15E-04	0.00E+00	2.67E-06	0.00E+00	1.83E-06	2.62E-03	0.00E+00	0.00E+00	2.62E-03
1321	ALL		485275	3717875	NonCancei	0.00E+00	1.06E-05	0.00E+00	1.69E-06	1.69E-06	9.77E-05	2.91E-04	0.00E+00	2.46E-06	0.00E+00	1.69E-06	2.43E-03	0.00E+00	0.00E+00	2.43E-03
1322	ALL		485325	3717875	NonCancei	0.00E+00	9.78E-06	0.00E+00	1.56E-06	1.56E-06	9.01E-05	2.69E-04	0.00E+00	2.27E-06	0.00E+00	1.56E-06	2.25E-03	0.00E+00	0.00E+00	2.25E-03
1323	ALL		485375	3717875	NonCancei	0.00E+00	9.12E-06	0.00E+00	1.45E-06	1.45E-06	8.40E-05	2.51E-04	0.00E+00	2.12E-06	0.00E+00	1.45E-06	2.10E-03	0.00E+00	0.00E+00	2.10E-03
1324	ALL		485425	3717875	NonCancei	0.00E+00	8.51E-06	0.00E+00	1.36E-06	1.36E-06	7.84E-05	2.35E-04	0.00E+00	1.97E-06	0.00E+00	1.36E-06	1.97E-03	0.00E+00	0.00E+00	1.97E-03
1325	ALL		485475	3717875	NonCancei	0.00E+00	7.95E-06	0.00E+00	1.27E-06	1.27E-06	7.32E-05	2.19E-04	0.00E+00	1.84E-06	0.00E+00	1.27E-06	1.85E-03	0.00E+00	0.00E+00	1.85E-03
1326	ALL		482925	3717925	NonCancei	0.00E+00	8.38E-06	0.00E+00	1.23E-06	1.23E-06	7.71E-05	2.41E-04	0.00E+00	1.94E-06	0.00E+00	1.23E-06	1.92E-03	0.00E+00	0.00E+00	1.92E-03
1327	ALL		482975	3717925	NonCancei	0.00E+00	9.13E-06	0.00E+00	1.30E-06	1.30E-06	8.39E-05	2.62E-04	0.00E+00	2.12E-06	0.00E+00	1.30E-06	2.01E-03	0.00E+00	0.00E+00	2.01E-03
1328	ALL		483025	3717925	NonCancei	0.00E+00	9.85E-06	0.00E+00	1.37E-06	1.37E-06	9.06E-05	2.83E-04	0.00E+00	2.29E-06	0.00E+00	1.37E-06	2.11E-03	0.00E+00	0.00E+00	2.11E-03
1329	ALL		483075	3717925	NonCancei	0.00E+00	1.05E-05	0.00E+00	1.46E-06	1.46E-06	9.65E-05	3.01E-04	0.00E+00	2.44E-06	0.00E+00	1.46E-06	2.24E-03	0.00E+00	0.00E+00	2.24E-03
1330	ALL		483125	3717925	NonCancei	0.00E+00	1.12E-05	0.00E+00	1.56E-06	1.56E-06	1.03E-04	3.21E-04	0.00E+00	2.60E-06	0.00E+00	1.56E-06	2.39E-03	0.00E+00	0.00E+00	2.39E-03
1331	ALL		483175	3717925	NonCancei	0.00E+00	1.22E-05	0.00E+00	1.66E-06	1.66E-06	1.12E-04	3.48E-04	0.00E+00	2.82E-06	0.00E+00	1.66E-06	2.51E-03	0.00E+00	0.00E+00	2.51E-03
1332	ALL		483225	3717925	NonCancei	0.00E+00	1.31E-05	0.00E+00	1.77E-06	1.77E-06	1.21E-04	3.75E-04	0.00E+00	3.05E-06	0.00E+00	1.77E-06	2.66E-03	0.00E+00	0.00E+00	2.66E-03
1333	ALL		483275	3717925	NonCancei	0.00E+00	1.43E-05	0.00E+00	1.91E-06	1.91E-06	1.31E-04	4.06E-04	0.00E+00	3.31E-06	0.00E+00	1.91E-06	2.87E-03	0.00E+00	0.00E+00	2.87E-03
1334	ALL		483325	3717925	NonCancei	0.00E+00	1.55E-05	0.00E+00	2.07E-06	2.07E-06	1.43E-04	4.41E-04	0.00E+00	3.60E-06	0.00E+00	2.07E-06	3.09E-03	0.00E+00	0.00E+00	3.09E-03
1335	ALL		483375	3717925	NonCancei	0.00E+00	1.70E-05	0.00E+00	2.25E-06	2.25E-06	1.56E-04	4.82E-04	0.00E+00	3.95E-06	0.00E+00	2.25E-06	3.34E-03	0.00E+00	0.00E+00	3.34E-03
1336	ALL		483425	3717925	NonCancei	0.00E+00	1.87E-05	0.00E+00	2.46E-06	2.46E-06	1.72E-04	5.29E-04	0.00E+00	4.34E-06	0.00E+00	2.46E-06	3.62E-03	0.00E+00	0.00E+00	3.62E-03
1337	ALL		483475	3717925	NonCancei	0.00E+00	2.07E-05	0.00E+00	2.71E-06	2.71E-06	1.90E-04	5.85E-04	0.00E+00	4.81E-06	0.00E+00	2.71E-06	3.97E-03	0.00E+00	0.00E+00	3.97E-03
1338	ALL		483525	3717925	NonCancei	0.00E+00	2.31E-05	0.00E+00	3.00E-06	3.00E-06	2.12E-04	6.50E-04	0.00E+00	5.36E-06	0.00E+00	3.00E-06	4.38E-03	0.00E+00	0.00E+00	4.38E-03
1339	ALL		483575	3717925	NonCancei	0.00E+00	2.59E-05	0.00E+00	3.34E-06	3.34E-06	2.38E-04	7.28E-04	0.00E+00	6.02E-06	0.00E+00	3.34E-06	4.83E-03	0.00E+00	0.00E+00	4.83E-03
1340	ALL		483625	3717925	NonCancei	0.00E+00	2.92E-05	0.00E+00	3.69E-06	3.69E-06	2.68E-04	8.19E-04	0.00E+00	6.78E-06	0.00E+00	3.69E-06	5.26E-03	0.00E+00	0.00E+00	5.26E-03
1341	ALL		483675	3717925	NonCancei	0.00E+00	3.33E-05	0.00E+00	4.13E-06	4.13E-06	3.06E-04	9.33E-04	0.00E+00	7.73E-06	0.00E+00	4.13E-06	5.82E-03	0.00E+00	0.00E+00	5.82E-03
1342	ALL		483725	3717925	NonCancei	0.00E+00	3.86E-05	0.00E+00	4.69E-06	4.69E-06	3.54E-04	1.08E-03	0.00E+00	8.95E-06	0.00E+00	4.69E-06	6.53E-03	0.00E+00	0.00E+00	6.53E-03
1343	ALL		483775	3717925	NonCancei	0.00E+00	4.56E-05	0.00E+00	5.44E-06	5.44E-06	4.19E-04	1.28E-03	0.00E+00	1.06E-05	0.00E+00	5.44E-06	7.48E-03	0.00E+00	0.00E+00	7.48E-03
1344	ALL		483825	3717925	NonCancei	0.00E+00	5.52E-05	0.00E+00	6.38E-06	6.38E-06	5.06E-04	1.55E-03	0.00E+00	1.28E-05	0.00E+00	6.38E-06	8.67E-03	0.00E+00	0.00E+00	8.67E-03
1345	ALL		483875	3717925	NonCancei	0.00E+00	7.02E-05	0.00E+00	7.91E-06	7.91E-06	6.43E-04	1.98E-03	0.00E+00	1.63E-05	0.00E+00	7.91E-06	1.07E-02	0.00E+00	0.00E+00	1.07E-02
1346	ALL		483925	3717925	NonCancei	0.00E+00	9.62E-05	0.00E+00	1.01E-05	1.01E-05	8.81E-04	2.76E-03	0.00E+00	2.23E-05	0.00E+00	1.01E-05	1.36E-02	0.00E+00	0.00E+00	1.36E-02
1347	ALL		483975	3717925	NonCancei	0.00E+00	1.74E-04	0.00E+00	1.34E-05	1.34E-05	1.59E-03	5.29E-03	0.00E+00	4.04E-05	0.00E+00	1.34E-05	1.78E-02	0.00E+00	0.00E+00	1.78E-02
1348	ALL		484525	3717925	NonCancei	0.00E+00	1.13E-04	0.00E+00	1.77E-05	1.77E-05	1.04E-03	2.94E-03	0.00E+00	2.61E-05	0.00E+00	1.77E-05	2.52E-02	0.00E+00	0.00E+00	2.52E-02
1349	ALL		484575	3717925	NonCancei	0.00E+00	7.77E-05	0.00E+00	1.25E-05	1.25E-05	7.15E-04	2.05E-03	0.00E+00	1.80E-05	0.00E+00	1.25E-05	1.72E-02	0.00E+00	0.00E+00	1.72E-02
1350	ALL		484625	3717925	NonCancei	0.00E+00	5.89E-05	0.00E+00	9.44E-06	9.44E-06	5.42E-04	1.57E-03	0.00E+00	1.37E-05	0.00E+00	9.44E-06	1.27E-02	0.00E+00	0.00E+00	1.27E-02

*HARP - HRACalc v19044 3/19/2020 1:54:21 PM - Chronic Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitChronicHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1351	ALL		484675	3717925	NonCancer	0.00E+00	4.69E-05	0.00E+00	7.51E-06	7.51E-06	4.32E-04	1.25E-03	0.00E+00	1.09E-05	0.00E+00	7.51E-06	1.01E-02	0.00E+00	0.00E+00	1.01E-02
1352	ALL		484725	3717925	NonCancer	0.00E+00	3.87E-05	0.00E+00	6.15E-06	6.15E-06	3.56E-04	1.04E-03	0.00E+00	8.97E-06	0.00E+00	6.15E-06	8.23E-03	0.00E+00	0.00E+00	8.23E-03
1353	ALL		484775	3717925	NonCancer	0.00E+00	3.26E-05	0.00E+00	5.22E-06	5.22E-06	3.00E-04	8.77E-04	0.00E+00	7.56E-06	0.00E+00	5.22E-06	7.05E-03	0.00E+00	0.00E+00	7.05E-03
1354	ALL		484825	3717925	NonCancer	0.00E+00	2.80E-05	0.00E+00	4.49E-06	4.49E-06	2.58E-04	7.55E-04	0.00E+00	6.49E-06	0.00E+00	4.49E-06	6.14E-03	0.00E+00	0.00E+00	6.14E-03
1355	ALL		484875	3717925	NonCancer	0.00E+00	2.43E-05	0.00E+00	3.90E-06	3.90E-06	2.24E-04	6.57E-04	0.00E+00	5.63E-06	0.00E+00	3.90E-06	5.37E-03	0.00E+00	0.00E+00	5.37E-03
1356	ALL		484925	3717925	NonCancer	0.00E+00	2.13E-05	0.00E+00	3.42E-06	3.42E-06	1.96E-04	5.78E-04	0.00E+00	4.94E-06	0.00E+00	3.42E-06	4.74E-03	0.00E+00	0.00E+00	4.74E-03
1357	ALL		484975	3717925	NonCancer	0.00E+00	1.89E-05	0.00E+00	3.03E-06	3.03E-06	1.74E-04	5.13E-04	0.00E+00	4.38E-06	0.00E+00	3.03E-06	4.21E-03	0.00E+00	0.00E+00	4.21E-03
1358	ALL		485025	3717925	NonCancer	0.00E+00	1.69E-05	0.00E+00	2.71E-06	2.71E-06	1.56E-04	4.61E-04	0.00E+00	3.93E-06	0.00E+00	2.71E-06	3.80E-03	0.00E+00	0.00E+00	3.80E-03
1359	ALL		485075	3717925	NonCancer	0.00E+00	1.52E-05	0.00E+00	2.44E-06	2.44E-06	1.40E-04	4.16E-04	0.00E+00	3.53E-06	0.00E+00	2.44E-06	3.43E-03	0.00E+00	0.00E+00	3.43E-03
1360	ALL		485125	3717925	NonCancer	0.00E+00	1.38E-05	0.00E+00	2.20E-06	2.20E-06	1.27E-04	3.77E-04	0.00E+00	3.20E-06	0.00E+00	2.20E-06	3.12E-03	0.00E+00	0.00E+00	3.12E-03
1361	ALL		485175	3717925	NonCancer	0.00E+00	1.26E-05	0.00E+00	2.02E-06	2.02E-06	1.16E-04	3.45E-04	0.00E+00	2.93E-06	0.00E+00	2.02E-06	2.87E-03	0.00E+00	0.00E+00	2.87E-03
1362	ALL		485225	3717925	NonCancer	0.00E+00	1.16E-05	0.00E+00	1.85E-06	1.85E-06	1.07E-04	3.17E-04	0.00E+00	2.69E-06	0.00E+00	1.85E-06	2.65E-03	0.00E+00	0.00E+00	2.65E-03
1363	ALL		485275	3717925	NonCancer	0.00E+00	1.07E-05	0.00E+00	1.71E-06	1.71E-06	9.83E-05	2.93E-04	0.00E+00	2.48E-06	0.00E+00	1.71E-06	2.46E-03	0.00E+00	0.00E+00	2.46E-03
1364	ALL		485325	3717925	NonCancer	0.00E+00	9.87E-06	0.00E+00	1.58E-06	1.58E-06	9.09E-05	2.72E-04	0.00E+00	2.29E-06	0.00E+00	1.58E-06	2.28E-03	0.00E+00	0.00E+00	2.28E-03
1365	ALL		485375	3717925	NonCancer	0.00E+00	9.13E-06	0.00E+00	1.46E-06	1.46E-06	8.41E-05	2.51E-04	0.00E+00	2.12E-06	0.00E+00	1.46E-06	2.11E-03	0.00E+00	0.00E+00	2.11E-03
1366	ALL		485425	3717925	NonCancer	0.00E+00	8.49E-06	0.00E+00	1.35E-06	1.35E-06	7.82E-05	2.34E-04	0.00E+00	1.97E-06	0.00E+00	1.35E-06	1.97E-03	0.00E+00	0.00E+00	1.97E-03
1367	ALL		485475	3717925	NonCancer	0.00E+00	7.95E-06	0.00E+00	1.27E-06	1.27E-06	7.32E-05	2.19E-04	0.00E+00	1.84E-06	0.00E+00	1.27E-06	1.85E-03	0.00E+00	0.00E+00	1.85E-03
1368	ALL		482925	3717975	NonCancer	0.00E+00	8.47E-06	0.00E+00	1.21E-06	1.21E-06	7.79E-05	2.44E-04	0.00E+00	1.96E-06	0.00E+00	1.21E-06	1.88E-03	0.00E+00	0.00E+00	1.88E-03
1369	ALL		482975	3717975	NonCancer	0.00E+00	9.05E-06	0.00E+00	1.29E-06	1.29E-06	8.32E-05	2.60E-04	0.00E+00	2.10E-06	0.00E+00	1.29E-06	1.98E-03	0.00E+00	0.00E+00	1.98E-03
1370	ALL		483025	3717975	NonCancer	0.00E+00	9.70E-06	0.00E+00	1.36E-06	1.36E-06	8.92E-05	2.78E-04	0.00E+00	2.25E-06	0.00E+00	1.36E-06	2.09E-03	0.00E+00	0.00E+00	2.09E-03
1371	ALL		483075	3717975	NonCancer	0.00E+00	1.04E-05	0.00E+00	1.45E-06	1.45E-06	9.53E-05	2.97E-04	0.00E+00	2.40E-06	0.00E+00	1.45E-06	2.22E-03	0.00E+00	0.00E+00	2.22E-03
1372	ALL		483125	3717975	NonCancer	0.00E+00	1.11E-05	0.00E+00	1.55E-06	1.55E-06	1.02E-04	3.16E-04	0.00E+00	2.57E-06	0.00E+00	1.55E-06	2.37E-03	0.00E+00	0.00E+00	2.37E-03
1373	ALL		483175	3717975	NonCancer	0.00E+00	1.20E-05	0.00E+00	1.66E-06	1.66E-06	1.10E-04	3.42E-04	0.00E+00	2.78E-06	0.00E+00	1.66E-06	2.51E-03	0.00E+00	0.00E+00	2.51E-03
1374	ALL		483225	3717975	NonCancer	0.00E+00	1.29E-05	0.00E+00	1.78E-06	1.78E-06	1.18E-04	3.67E-04	0.00E+00	2.99E-06	0.00E+00	1.78E-06	2.70E-03	0.00E+00	0.00E+00	2.70E-03
1375	ALL		483275	3717975	NonCancer	0.00E+00	1.40E-05	0.00E+00	1.92E-06	1.92E-06	1.28E-04	3.98E-04	0.00E+00	3.24E-06	0.00E+00	1.92E-06	2.89E-03	0.00E+00	0.00E+00	2.89E-03
1376	ALL		483325	3717975	NonCancer	0.00E+00	1.52E-05	0.00E+00	2.07E-06	2.07E-06	1.40E-04	4.32E-04	0.00E+00	3.53E-06	0.00E+00	2.07E-06	3.10E-03	0.00E+00	0.00E+00	3.10E-03
1377	ALL		483375	3717975	NonCancer	0.00E+00	1.66E-05	0.00E+00	2.25E-06	2.25E-06	1.53E-04	4.71E-04	0.00E+00	3.86E-06	0.00E+00	2.25E-06	3.35E-03	0.00E+00	0.00E+00	3.35E-03
1378	ALL		483425	3717975	NonCancer	0.00E+00	1.83E-05	0.00E+00	2.46E-06	2.46E-06	1.68E-04	5.16E-04	0.00E+00	4.23E-06	0.00E+00	2.46E-06	3.63E-03	0.00E+00	0.00E+00	3.63E-03
1379	ALL		483475	3717975	NonCancer	0.00E+00	2.01E-05	0.00E+00	2.69E-06	2.69E-06	1.85E-04	5.68E-04	0.00E+00	4.67E-06	0.00E+00	2.69E-06	3.95E-03	0.00E+00	0.00E+00	3.95E-03
1380	ALL		483525	3717975	NonCancer	0.00E+00	2.23E-05	0.00E+00	2.96E-06	2.96E-06	2.05E-04	6.28E-04	0.00E+00	5.18E-06	0.00E+00	2.96E-06	4.31E-03	0.00E+00	0.00E+00	4.31E-03
1381	ALL		483575	3717975	NonCancer	0.00E+00	2.49E-05	0.00E+00	3.26E-06	3.26E-06	2.29E-04	6.99E-04	0.00E+00	5.78E-06	0.00E+00	3.26E-06	4.69E-03	0.00E+00	0.00E+00	4.69E-03
1382	ALL		483625	3717975	NonCancer	0.00E+00	2.79E-05	0.00E+00	3.60E-06	3.60E-06	2.56E-04	7.83E-04	0.00E+00	6.48E-06	0.00E+00	3.60E-06	5.11E-03	0.00E+00	0.00E+00	5.11E-03
1383	ALL		483675	3717975	NonCancer	0.00E+00	3.16E-05	0.00E+00	4.00E-06	4.00E-06	2.90E-04	8.85E-04	0.00E+00	7.33E-06	0.00E+00	4.00E-06	5.56E-03	0.00E+00	0.00E+00	5.56E-03
1384	ALL		483725	3717975	NonCancer	0.00E+00	3.67E-05	0.00E+00	4.64E-06	4.64E-06	3.36E-04	1.03E-03	0.00E+00	8.50E-06	0.00E+00	4.64E-06	6.41E-03	0.00E+00	0.00E+00	6.41E-03
1385	ALL		483775	3717975	NonCancer	0.00E+00	4.28E-05	0.00E+00	5.29E-06	5.29E-06	3.93E-04	1.20E-03	0.00E+00	9.92E-06	0.00E+00	5.29E-06	7.17E-03	0.00E+00	0.00E+00	7.17E-03
1386	ALL		483825	3717975	NonCancer	0.00E+00	5.06E-05	0.00E+00	6.02E-06	6.02E-06	4.64E-04	1.42E-03	0.00E+00	1.17E-05	0.00E+00	6.02E-06	7.92E-03	0.00E+00	0.00E+00	7.92E-03
1387	ALL		483875	3717975	NonCancer	0.00E+00	6.23E-05	0.00E+00	7.49E-06	7.49E-06	5.71E-04	1.75E-03	0.00E+00	1.44E-05	0.00E+00	7.49E-06	1.01E-02	0.00E+00	0.00E+00	1.01E-02
1388	ALL		483925	3717975	NonCancer	0.00E+00	8.20E-05	0.00E+00	9.70E-06	9.70E-06	7.52E-04	2.33E-03	0.00E+00	1.90E-05	0.00E+00	9.70E-06	1.34E-02	0.00E+00	0.00E+00	1.34E-02
1389	ALL		483975	3717975	NonCancer	0.00E+00	1.38E-04	0.00E+00	1.32E-05	1.32E-05	1.26E-03	4.16E-03	0.00E+00	3.19E-05	0.00E+00	1.32E-05	1.86E-02	0.00E+00	0.00E+00	1.86E-02
1390	ALL		484525	3717975	NonCancer	0.00E+00	9.84E-05	0.00E+00	1.70E-05	1.70E-05	9.07E-04	2.60E-03	0.00E+00	2.28E-05	0.00E+00	1.70E-05	2.44E-02	0.00E+00	0.00E+00	2.44E-02
1391	ALL		484575	3717975	NonCancer	0.00E+00	7.19E-05	0.00E+00	1.32E-05	1.32E-05	6.64E-04	1.92E-03	0.00E+00	1.67E-05	0.00E+00	1.32E-05	1.98E-02	0.00E+00	0.00E+00	1.98E-02
1392	ALL		484625	3717975	NonCancer	0.00E+00	5.59E-05	0.00E+00	1.06E-05	1.06E-05	5.16E-04	1.50E-03	0.00E+00	1.30E-05	0.00E+00	1.06E-05	1.63E-02	0.00E+00	0.00E+00	1.63E-02
1393	ALL		484675	3717975	NonCancer	0.00E+00	4.52E-05	0.00E+00	8.52E-06	8.52E-06	4.17E-04	1.21E-03	0.00E+00	1.05E-05	0.00E+00	8.52E-06	1.31E-02	0.00E+00	0.00E+00	1.31E-02
1394	ALL		484725	3717975	NonCancer	0.00E+00	3.76E-05	0.00E+00	6.91E-06	6.91E-06	3.47E-04	1.01E-03	0.00E+00	8.73E-06	0.00E+00	6.91E-06	1.05E-02	0.00E+00	0.00E+00	1.05E-02
1395	ALL		484775	3717975	NonCancer	0.00E+00	3.19E-05	0.00E+00	5.64E-06	5.64E-06	2.95E-04	8.62E-04	0.00E+00	7.40E-06	0.00E+00	5.64E-06	8.33E-03	0.00E+00	0.00E+00	8.33E-03

*HARP - HRACalc v19044 3/19/2020 1:54:21 PM - Chronic Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitChronicHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1396	ALL		484825	3717975	NonCancer	0.00E+00	2.75E-05	0.00E+00	4.65E-06	4.65E-06	2.54E-04	7.44E-04	0.00E+00	6.38E-06	0.00E+00	4.65E-06	6.63E-03	0.00E+00	0.00E+00	6.63E-03
1397	ALL		484875	3717975	NonCancer	0.00E+00	2.40E-05	0.00E+00	3.89E-06	3.89E-06	2.21E-04	6.51E-04	0.00E+00	5.57E-06	0.00E+00	3.89E-06	5.37E-03	0.00E+00	0.00E+00	5.37E-03
1398	ALL		484925	3717975	NonCancer	0.00E+00	2.12E-05	0.00E+00	3.43E-06	3.43E-06	1.95E-04	5.74E-04	0.00E+00	4.91E-06	0.00E+00	3.43E-06	4.78E-03	0.00E+00	0.00E+00	4.78E-03
1399	ALL		484975	3717975	NonCancer	0.00E+00	1.88E-05	0.00E+00	3.05E-06	3.05E-06	1.73E-04	5.11E-04	0.00E+00	4.36E-06	0.00E+00	3.05E-06	4.28E-03	0.00E+00	0.00E+00	4.28E-03
1400	ALL		485025	3717975	NonCancer	0.00E+00	1.69E-05	0.00E+00	2.73E-06	2.73E-06	1.55E-04	4.59E-04	0.00E+00	3.91E-06	0.00E+00	2.73E-06	3.86E-03	0.00E+00	0.00E+00	3.86E-03
1401	ALL		485075	3717975	NonCancer	0.00E+00	1.52E-05	0.00E+00	2.47E-06	2.47E-06	1.40E-04	4.15E-04	0.00E+00	3.53E-06	0.00E+00	2.47E-06	3.50E-03	0.00E+00	0.00E+00	3.50E-03
1402	ALL		485125	3717975	NonCancer	0.00E+00	1.38E-05	0.00E+00	2.24E-06	2.24E-06	1.27E-04	3.78E-04	0.00E+00	3.21E-06	0.00E+00	2.24E-06	3.19E-03	0.00E+00	0.00E+00	3.19E-03
1403	ALL		485175	3717975	NonCancer	0.00E+00	1.28E-05	0.00E+00	2.09E-06	2.09E-06	1.18E-04	3.50E-04	0.00E+00	2.97E-06	0.00E+00	2.09E-06	3.00E-03	0.00E+00	0.00E+00	3.00E-03
1404	ALL		485225	3717975	NonCancer	0.00E+00	1.16E-05	0.00E+00	1.87E-06	1.87E-06	1.07E-04	3.18E-04	0.00E+00	2.69E-06	0.00E+00	1.87E-06	2.69E-03	0.00E+00	0.00E+00	2.69E-03
1405	ALL		485275	3717975	NonCancer	0.00E+00	1.06E-05	0.00E+00	1.70E-06	1.70E-06	9.76E-05	2.91E-04	0.00E+00	2.46E-06	0.00E+00	1.70E-06	2.45E-03	0.00E+00	0.00E+00	2.45E-03
1406	ALL		485325	3717975	NonCancer	0.00E+00	9.85E-06	0.00E+00	1.58E-06	1.58E-06	9.07E-05	2.71E-04	0.00E+00	2.28E-06	0.00E+00	1.58E-06	2.29E-03	0.00E+00	0.00E+00	2.29E-03
1407	ALL		485375	3717975	NonCancer	0.00E+00	9.07E-06	0.00E+00	1.45E-06	1.45E-06	8.36E-05	2.50E-04	0.00E+00	2.10E-06	0.00E+00	1.45E-06	2.11E-03	0.00E+00	0.00E+00	2.11E-03
1408	ALL		485425	3717975	NonCancer	0.00E+00	8.49E-06	0.00E+00	1.36E-06	1.36E-06	7.82E-05	2.34E-04	0.00E+00	1.97E-06	0.00E+00	1.36E-06	1.99E-03	0.00E+00	0.00E+00	1.99E-03
1409	ALL		485475	3717975	NonCancer	0.00E+00	7.96E-06	0.00E+00	1.28E-06	1.28E-06	7.33E-05	2.20E-04	0.00E+00	1.85E-06	0.00E+00	1.28E-06	1.87E-03	0.00E+00	0.00E+00	1.87E-03
1410	ALL		482925	3718025	NonCancer	0.00E+00	8.26E-06	0.00E+00	1.21E-06	1.21E-06	7.60E-05	2.38E-04	0.00E+00	1.92E-06	0.00E+00	1.21E-06	1.89E-03	0.00E+00	0.00E+00	1.89E-03
1411	ALL		482975	3718025	NonCancer	0.00E+00	8.81E-06	0.00E+00	1.28E-06	1.28E-06	8.11E-05	2.53E-04	0.00E+00	2.04E-06	0.00E+00	1.28E-06	1.99E-03	0.00E+00	0.00E+00	1.99E-03
1412	ALL		483025	3718025	NonCancer	0.00E+00	9.45E-06	0.00E+00	1.36E-06	1.36E-06	8.68E-05	2.71E-04	0.00E+00	2.19E-06	0.00E+00	1.36E-06	2.09E-03	0.00E+00	0.00E+00	2.09E-03
1413	ALL		483075	3718025	NonCancer	0.00E+00	1.01E-05	0.00E+00	1.44E-06	1.44E-06	9.30E-05	2.90E-04	0.00E+00	2.35E-06	0.00E+00	1.44E-06	2.21E-03	0.00E+00	0.00E+00	2.21E-03
1414	ALL		483125	3718025	NonCancer	0.00E+00	1.08E-05	0.00E+00	1.54E-06	1.54E-06	9.94E-05	3.09E-04	0.00E+00	2.51E-06	0.00E+00	1.54E-06	2.35E-03	0.00E+00	0.00E+00	2.35E-03
1415	ALL		483175	3718025	NonCancer	0.00E+00	1.17E-05	0.00E+00	1.64E-06	1.64E-06	1.07E-04	3.33E-04	0.00E+00	2.70E-06	0.00E+00	1.64E-06	2.49E-03	0.00E+00	0.00E+00	2.49E-03
1416	ALL		483225	3718025	NonCancer	0.00E+00	1.25E-05	0.00E+00	1.76E-06	1.76E-06	1.15E-04	3.57E-04	0.00E+00	2.91E-06	0.00E+00	1.76E-06	2.65E-03	0.00E+00	0.00E+00	2.65E-03
1417	ALL		483275	3718025	NonCancer	0.00E+00	1.36E-05	0.00E+00	1.89E-06	1.89E-06	1.25E-04	3.87E-04	0.00E+00	3.16E-06	0.00E+00	1.89E-06	2.82E-03	0.00E+00	0.00E+00	2.82E-03
1418	ALL		483325	3718025	NonCancer	0.00E+00	1.48E-05	0.00E+00	2.03E-06	2.03E-06	1.36E-04	4.21E-04	0.00E+00	3.44E-06	0.00E+00	2.03E-06	3.00E-03	0.00E+00	0.00E+00	3.00E-03
1419	ALL		483375	3718025	NonCancer	0.00E+00	1.62E-05	0.00E+00	2.19E-06	2.19E-06	1.49E-04	4.58E-04	0.00E+00	3.75E-06	0.00E+00	2.19E-06	3.22E-03	0.00E+00	0.00E+00	3.22E-03
1420	ALL		483425	3718025	NonCancer	0.00E+00	1.77E-05	0.00E+00	2.38E-06	2.38E-06	1.63E-04	5.01E-04	0.00E+00	4.11E-06	0.00E+00	2.38E-06	3.45E-03	0.00E+00	0.00E+00	3.45E-03
1421	ALL		483475	3718025	NonCancer	0.00E+00	1.95E-05	0.00E+00	2.59E-06	2.59E-06	1.79E-04	5.50E-04	0.00E+00	4.52E-06	0.00E+00	2.59E-06	3.71E-03	0.00E+00	0.00E+00	3.71E-03
1422	ALL		483525	3718025	NonCancer	0.00E+00	2.15E-05	0.00E+00	2.82E-06	2.82E-06	1.98E-04	6.06E-04	0.00E+00	4.99E-06	0.00E+00	2.82E-06	3.98E-03	0.00E+00	0.00E+00	3.98E-03
1423	ALL		483575	3718025	NonCancer	0.00E+00	2.39E-05	0.00E+00	3.09E-06	3.09E-06	2.19E-04	6.72E-04	0.00E+00	5.54E-06	0.00E+00	3.09E-06	4.28E-03	0.00E+00	0.00E+00	4.28E-03
1424	ALL		483625	3718025	NonCancer	0.00E+00	2.67E-05	0.00E+00	3.41E-06	3.41E-06	2.45E-04	7.50E-04	0.00E+00	6.20E-06	0.00E+00	3.41E-06	4.64E-03	0.00E+00	0.00E+00	4.64E-03
1425	ALL		483675	3718025	NonCancer	0.00E+00	3.02E-05	0.00E+00	3.79E-06	3.79E-06	2.77E-04	8.46E-04	0.00E+00	7.00E-06	0.00E+00	3.79E-06	5.04E-03	0.00E+00	0.00E+00	5.04E-03
1426	ALL		483725	3718025	NonCancer	0.00E+00	3.47E-05	0.00E+00	4.44E-06	4.44E-06	3.18E-04	9.72E-04	0.00E+00	8.04E-06	0.00E+00	4.44E-06	5.97E-03	0.00E+00	0.00E+00	5.97E-03
1427	ALL		483775	3718025	NonCancer	0.00E+00	4.01E-05	0.00E+00	5.22E-06	5.22E-06	3.68E-04	1.12E-03	0.00E+00	9.31E-06	0.00E+00	5.22E-06	7.12E-03	0.00E+00	0.00E+00	7.12E-03
1428	ALL		483825	3718025	NonCancer	0.00E+00	4.68E-05	0.00E+00	6.03E-06	6.03E-06	4.29E-04	1.31E-03	0.00E+00	1.08E-05	0.00E+00	6.03E-06	8.23E-03	0.00E+00	0.00E+00	8.23E-03
1429	ALL		483875	3718025	NonCancer	0.00E+00	5.56E-05	0.00E+00	7.38E-06	7.38E-06	5.10E-04	1.57E-03	0.00E+00	1.29E-05	0.00E+00	7.38E-06	1.05E-02	0.00E+00	0.00E+00	1.05E-02
1430	ALL		483925	3718025	NonCancer	0.00E+00	7.10E-05	0.00E+00	9.52E-06	9.52E-06	6.52E-04	2.02E-03	0.00E+00	1.65E-05	0.00E+00	9.52E-06	1.39E-02	0.00E+00	0.00E+00	1.39E-02
1431	ALL		483975	3718025	NonCancer	0.00E+00	1.00E-04	0.00E+00	1.23E-05	1.23E-05	9.18E-04	2.91E-03	0.00E+00	2.32E-05	0.00E+00	1.23E-05	1.84E-02	0.00E+00	0.00E+00	1.84E-02
1432	ALL		484025	3718025	NonCancer	0.00E+00	2.17E-04	0.00E+00	1.73E-05	1.73E-05	1.98E-03	6.61E-03	0.00E+00	5.04E-05	0.00E+00	1.73E-05	2.60E-02	0.00E+00	0.00E+00	2.60E-02
1433	ALL		484525	3718025	NonCancer	0.00E+00	8.06E-05	0.00E+00	1.49E-05	1.49E-05	7.45E-04	2.17E-03	0.00E+00	1.87E-05	0.00E+00	1.49E-05	2.04E-02	0.00E+00	0.00E+00	2.04E-02
1434	ALL		484575	3718025	NonCancer	0.00E+00	6.38E-05	0.00E+00	1.20E-05	1.20E-05	5.90E-04	1.72E-03	0.00E+00	1.48E-05	0.00E+00	1.20E-05	1.71E-02	0.00E+00	0.00E+00	1.71E-02
1435	ALL		484625	3718025	NonCancer	0.00E+00	5.15E-05	0.00E+00	9.71E-06	9.71E-06	4.76E-04	1.39E-03	0.00E+00	1.19E-05	0.00E+00	9.71E-06	1.42E-02	0.00E+00	0.00E+00	1.42E-02
1436	ALL		484675	3718025	NonCancer	0.00E+00	4.26E-05	0.00E+00	7.92E-06	7.92E-06	3.93E-04	1.15E-03	0.00E+00	9.87E-06	0.00E+00	7.92E-06	1.17E-02	0.00E+00	0.00E+00	1.17E-02
1437	ALL		484725	3718025	NonCancer	0.00E+00	3.60E-05	0.00E+00	6.68E-06	6.68E-06	3.32E-04	9.74E-04	0.00E+00	8.35E-06	0.00E+00	6.68E-06	1.00E-02	0.00E+00	0.00E+00	1.00E-02
1438	ALL		484775	3718025	NonCancer	0.00E+00	3.09E-05	0.00E+00	5.85E-06	5.85E-06	2.85E-04	8.37E-04	0.00E+00	7.16E-06	0.00E+00	5.85E-06	9.02E-03	0.00E+00	0.00E+00	9.02E-03
1439	ALL		484825	3718025	NonCancer	0.00E+00	2.68E-05	0.00E+00	5.08E-06	5.08E-06	2.48E-04	7.28E-04	0.00E+00	6.22E-06	0.00E+00	5.08E-06	7.94E-03	0.00E+00	0.00E+00	7.94E-03
1440	ALL		484875	3718025	NonCancer	0.00E+00	2.36E-05	0.00E+00	4.40E-06	4.40E-06	2.18E-04	6.40E-04	0.00E+00	5.46E-06	0.00E+00	4.40E-06	6.86E-03	0.00E+00	0.00E+00	6.86E-03

*HARP - HRACalc v19044 3/19/2020 1:54:21 PM - Chronic Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitChronicHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1441	ALL		484925	3718025	NonCancer	0.00E+00	2.08E-05	0.00E+00	3.79E-06	3.79E-06	1.92E-04	5.67E-04	0.00E+00	4.83E-06	0.00E+00	3.79E-06	5.84E-03	0.00E+00	0.00E+00	5.84E-03
1442	ALL		484975	3718025	NonCancer	0.00E+00	1.85E-05	0.00E+00	3.26E-06	3.26E-06	1.71E-04	5.05E-04	0.00E+00	4.30E-06	0.00E+00	3.26E-06	4.92E-03	0.00E+00	0.00E+00	4.92E-03
1443	ALL		485025	3718025	NonCancer	0.00E+00	1.67E-05	0.00E+00	2.83E-06	2.83E-06	1.54E-04	4.56E-04	0.00E+00	3.87E-06	0.00E+00	2.83E-06	4.15E-03	0.00E+00	0.00E+00	4.15E-03
1444	ALL		485075	3718025	NonCancer	0.00E+00	1.51E-05	0.00E+00	2.46E-06	2.46E-06	1.39E-04	4.14E-04	0.00E+00	3.51E-06	0.00E+00	2.46E-06	3.50E-03	0.00E+00	0.00E+00	3.50E-03
1445	ALL		485125	3718025	NonCancer	0.00E+00	1.37E-05	0.00E+00	2.22E-06	2.22E-06	1.27E-04	3.76E-04	0.00E+00	3.19E-06	0.00E+00	2.22E-06	3.14E-03	0.00E+00	0.00E+00	3.14E-03
1446	ALL		485175	3718025	NonCancer	0.00E+00	1.27E-05	0.00E+00	2.06E-06	2.06E-06	1.17E-04	3.48E-04	0.00E+00	2.94E-06	0.00E+00	2.06E-06	2.96E-03	0.00E+00	0.00E+00	2.96E-03
1447	ALL		485225	3718025	NonCancer	0.00E+00	1.16E-05	0.00E+00	1.88E-06	1.88E-06	1.07E-04	3.18E-04	0.00E+00	2.69E-06	0.00E+00	1.88E-06	2.71E-03	0.00E+00	0.00E+00	2.71E-03
1448	ALL		485275	3718025	NonCancer	0.00E+00	1.05E-05	0.00E+00	1.69E-06	1.69E-06	9.69E-05	2.89E-04	0.00E+00	2.44E-06	0.00E+00	1.69E-06	2.45E-03	0.00E+00	0.00E+00	2.45E-03
1449	ALL		485325	3718025	NonCancer	0.00E+00	9.74E-06	0.00E+00	1.57E-06	1.57E-06	8.97E-05	2.68E-04	0.00E+00	2.26E-06	0.00E+00	1.57E-06	2.28E-03	0.00E+00	0.00E+00	2.28E-03
1450	ALL		485375	3718025	NonCancer	0.00E+00	9.04E-06	0.00E+00	1.46E-06	1.46E-06	8.33E-05	2.49E-04	0.00E+00	2.10E-06	0.00E+00	1.46E-06	2.12E-03	0.00E+00	0.00E+00	2.12E-03
1451	ALL		485425	3718025	NonCancer	0.00E+00	8.54E-06	0.00E+00	1.38E-06	1.38E-06	7.87E-05	2.36E-04	0.00E+00	1.98E-06	0.00E+00	1.38E-06	2.03E-03	0.00E+00	0.00E+00	2.03E-03
1452	ALL		485475	3718025	NonCancer	0.00E+00	8.01E-06	0.00E+00	1.30E-06	1.30E-06	7.38E-05	2.21E-04	0.00E+00	1.86E-06	0.00E+00	1.30E-06	1.91E-03	0.00E+00	0.00E+00	1.91E-03
1453	ALL		482925	3718075	NonCancer	0.00E+00	7.86E-06	0.00E+00	1.18E-06	1.18E-06	7.23E-05	2.27E-04	0.00E+00	1.82E-06	0.00E+00	1.18E-06	1.82E-03	0.00E+00	0.00E+00	1.82E-03
1454	ALL		482975	3718075	NonCancer	0.00E+00	8.52E-06	0.00E+00	1.25E-06	1.25E-06	7.84E-05	2.45E-04	0.00E+00	1.98E-06	0.00E+00	1.25E-06	1.91E-03	0.00E+00	0.00E+00	1.91E-03
1455	ALL		483025	3718075	NonCancer	0.00E+00	9.14E-06	0.00E+00	1.32E-06	1.32E-06	8.40E-05	2.62E-04	0.00E+00	2.12E-06	0.00E+00	1.32E-06	2.00E-03	0.00E+00	0.00E+00	2.00E-03
1456	ALL		483075	3718075	NonCancer	0.00E+00	9.83E-06	0.00E+00	1.40E-06	1.40E-06	9.03E-05	2.82E-04	0.00E+00	2.28E-06	0.00E+00	1.40E-06	2.10E-03	0.00E+00	0.00E+00	2.10E-03
1457	ALL		483125	3718075	NonCancer	0.00E+00	1.04E-05	0.00E+00	1.49E-06	1.49E-06	9.57E-05	2.98E-04	0.00E+00	2.42E-06	0.00E+00	1.49E-06	2.22E-03	0.00E+00	0.00E+00	2.22E-03
1458	ALL		483175	3718075	NonCancer	0.00E+00	1.11E-05	0.00E+00	1.58E-06	1.58E-06	1.02E-04	3.18E-04	0.00E+00	2.58E-06	0.00E+00	1.58E-06	2.34E-03	0.00E+00	0.00E+00	2.34E-03
1459	ALL		483225	3718075	NonCancer	0.00E+00	1.17E-05	0.00E+00	1.69E-06	1.69E-06	1.08E-04	3.34E-04	0.00E+00	2.71E-06	0.00E+00	1.69E-06	2.48E-03	0.00E+00	0.00E+00	2.48E-03
1460	ALL		483275	3718075	NonCancer	0.00E+00	1.32E-05	0.00E+00	1.80E-06	1.80E-06	1.21E-04	3.75E-04	0.00E+00	3.06E-06	0.00E+00	1.80E-06	2.61E-03	0.00E+00	0.00E+00	2.61E-03
1461	ALL		483325	3718075	NonCancer	0.00E+00	1.44E-05	0.00E+00	1.93E-06	1.93E-06	1.32E-04	4.08E-04	0.00E+00	3.33E-06	0.00E+00	1.93E-06	2.75E-03	0.00E+00	0.00E+00	2.75E-03
1462	ALL		483375	3718075	NonCancer	0.00E+00	1.57E-05	0.00E+00	2.07E-06	2.07E-06	1.44E-04	4.44E-04	0.00E+00	3.64E-06	0.00E+00	2.07E-06	2.91E-03	0.00E+00	0.00E+00	2.91E-03
1463	ALL		483425	3718075	NonCancer	0.00E+00	1.71E-05	0.00E+00	2.23E-06	2.23E-06	1.57E-04	4.84E-04	0.00E+00	3.97E-06	0.00E+00	2.23E-06	3.09E-03	0.00E+00	0.00E+00	3.09E-03
1464	ALL		483475	3718075	NonCancer	0.00E+00	1.88E-05	0.00E+00	2.41E-06	2.41E-06	1.73E-04	5.31E-04	0.00E+00	4.36E-06	0.00E+00	2.41E-06	3.26E-03	0.00E+00	0.00E+00	3.26E-03
1465	ALL		483525	3718075	NonCancer	0.00E+00	2.07E-05	0.00E+00	2.67E-06	2.67E-06	1.90E-04	5.83E-04	0.00E+00	4.80E-06	0.00E+00	2.67E-06	3.65E-03	0.00E+00	0.00E+00	3.65E-03
1466	ALL		483575	3718075	NonCancer	0.00E+00	2.29E-05	0.00E+00	3.00E-06	3.00E-06	2.10E-04	6.44E-04	0.00E+00	5.30E-06	0.00E+00	3.00E-06	4.15E-03	0.00E+00	0.00E+00	4.15E-03
1467	ALL		483625	3718075	NonCancer	0.00E+00	2.54E-05	0.00E+00	3.39E-06	3.39E-06	2.34E-04	7.15E-04	0.00E+00	5.90E-06	0.00E+00	3.39E-06	4.74E-03	0.00E+00	0.00E+00	4.74E-03
1468	ALL		483675	3718075	NonCancer	0.00E+00	2.86E-05	0.00E+00	3.87E-06	3.87E-06	2.62E-04	8.03E-04	0.00E+00	6.62E-06	0.00E+00	3.87E-06	5.46E-03	0.00E+00	0.00E+00	5.46E-03
1469	ALL		483725	3718075	NonCancer	0.00E+00	3.25E-05	0.00E+00	4.53E-06	4.53E-06	2.99E-04	9.15E-04	0.00E+00	7.55E-06	0.00E+00	4.53E-06	6.49E-03	0.00E+00	0.00E+00	6.49E-03
1470	ALL		483775	3718075	NonCancer	0.00E+00	3.72E-05	0.00E+00	5.25E-06	5.25E-06	3.42E-04	1.04E-03	0.00E+00	8.62E-06	0.00E+00	5.25E-06	7.54E-03	0.00E+00	0.00E+00	7.54E-03
1471	ALL		483825	3718075	NonCancer	0.00E+00	4.30E-05	0.00E+00	6.11E-06	6.11E-06	3.95E-04	1.21E-03	0.00E+00	9.97E-06	0.00E+00	6.11E-06	8.87E-03	0.00E+00	0.00E+00	8.87E-03
1472	ALL		483875	3718075	NonCancer	0.00E+00	5.05E-05	0.00E+00	7.25E-06	7.25E-06	4.65E-04	1.43E-03	0.00E+00	1.17E-05	0.00E+00	7.25E-06	1.07E-02	0.00E+00	0.00E+00	1.07E-02
1473	ALL		483925	3718075	NonCancer	0.00E+00	6.13E-05	0.00E+00	8.57E-06	8.57E-06	5.64E-04	1.75E-03	0.00E+00	1.42E-05	0.00E+00	8.57E-06	1.25E-02	0.00E+00	0.00E+00	1.25E-02
1474	ALL		483975	3718075	NonCancer	0.00E+00	8.13E-05	0.00E+00	1.07E-05	1.07E-05	7.46E-04	2.35E-03	0.00E+00	1.89E-05	0.00E+00	1.07E-05	1.57E-02	0.00E+00	0.00E+00	1.57E-02
1475	ALL		484025	3718075	NonCancer	0.00E+00	1.63E-04	0.00E+00	1.42E-05	1.42E-05	1.49E-03	5.10E-03	0.00E+00	3.79E-05	0.00E+00	1.42E-05	2.08E-02	0.00E+00	0.00E+00	2.08E-02
1476	ALL		484525	3718075	NonCancer	0.00E+00	6.57E-05	0.00E+00	1.44E-05	1.44E-05	6.09E-04	1.80E-03	0.00E+00	1.52E-05	0.00E+00	1.44E-05	2.21E-02	0.00E+00	0.00E+00	2.21E-02
1477	ALL		484575	3718075	NonCancer	0.00E+00	5.52E-05	0.00E+00	1.06E-05	1.06E-05	5.10E-04	1.50E-03	0.00E+00	1.28E-05	0.00E+00	1.06E-05	1.47E-02	0.00E+00	0.00E+00	1.47E-02
1478	ALL		484625	3718075	NonCancer	0.00E+00	4.63E-05	0.00E+00	8.46E-06	8.46E-06	4.27E-04	1.26E-03	0.00E+00	1.07E-05	0.00E+00	8.46E-06	1.15E-02	0.00E+00	0.00E+00	1.15E-02
1479	ALL		484675	3718075	NonCancer	0.00E+00	3.92E-05	0.00E+00	7.30E-06	7.30E-06	3.62E-04	1.07E-03	0.00E+00	9.09E-06	0.00E+00	7.30E-06	1.05E-02	0.00E+00	0.00E+00	1.05E-02
1480	ALL		484725	3718075	NonCancer	0.00E+00	3.37E-05	0.00E+00	6.32E-06	6.32E-06	3.11E-04	9.17E-04	0.00E+00	7.82E-06	0.00E+00	6.32E-06	9.33E-03	0.00E+00	0.00E+00	9.33E-03
1481	ALL		484775	3718075	NonCancer	0.00E+00	2.94E-05	0.00E+00	5.46E-06	5.46E-06	2.71E-04	8.00E-04	0.00E+00	6.81E-06	0.00E+00	5.46E-06	8.16E-03	0.00E+00	0.00E+00	8.16E-03
1482	ALL		484825	3718075	NonCancer	0.00E+00	2.58E-05	0.00E+00	4.71E-06	4.71E-06	2.38E-04	7.03E-04	0.00E+00	5.98E-06	0.00E+00	4.71E-06	7.02E-03	0.00E+00	0.00E+00	7.02E-03
1483	ALL		484875	3718075	NonCancer	0.00E+00	2.29E-05	0.00E+00	4.06E-06	4.06E-06	2.11E-04	6.23E-04	0.00E+00	5.30E-06	0.00E+00	4.06E-06	6.00E-03	0.00E+00	0.00E+00	6.00E-03
1484	ALL		484925	3718075	NonCancer	0.00E+00	2.03E-05	0.00E+00	3.70E-06	3.70E-06	1.88E-04	5.54E-04	0.00E+00	4.71E-06	0.00E+00	3.70E-06	5.64E-03	0.00E+00	0.00E+00	5.64E-03
1485	ALL		484975	3718075	NonCancer	0.00E+00	1.82E-05	0.00E+00	3.34E-06	3.34E-06	1.68E-04	4.97E-04	0.00E+00	4.22E-06	0.00E+00	3.34E-06	5.19E-03	0.00E+00	0.00E+00	5.19E-03

*HARP - HRACalc v19044 3/19/2020 1:54:21 PM - Chronic Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitChronicHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1486	ALL		485025	3718075	NonCancer	0.00E+00	1.64E-05	0.00E+00	3.00E-06	3.00E-06	1.51E-04	4.48E-04	0.00E+00	3.80E-06	0.00E+00	3.00E-06	4.69E-03	0.00E+00	0.00E+00	4.69E-03
1487	ALL		485075	3718075	NonCancer	0.00E+00	1.49E-05	0.00E+00	2.70E-06	2.70E-06	1.38E-04	4.08E-04	0.00E+00	3.46E-06	0.00E+00	2.70E-06	4.20E-03	0.00E+00	0.00E+00	4.20E-03
1488	ALL		485125	3718075	NonCancer	0.00E+00	1.36E-05	0.00E+00	2.41E-06	2.41E-06	1.25E-04	3.72E-04	0.00E+00	3.15E-06	0.00E+00	2.41E-06	3.71E-03	0.00E+00	0.00E+00	3.71E-03
1489	ALL		485175	3718075	NonCancer	0.00E+00	1.24E-05	0.00E+00	2.14E-06	2.14E-06	1.14E-04	3.40E-04	0.00E+00	2.87E-06	0.00E+00	2.14E-06	3.24E-03	0.00E+00	0.00E+00	3.24E-03
1490	ALL		485225	3718075	NonCancer	0.00E+00	1.14E-05	0.00E+00	1.91E-06	1.91E-06	1.05E-04	3.14E-04	0.00E+00	2.65E-06	0.00E+00	1.91E-06	2.83E-03	0.00E+00	0.00E+00	2.83E-03
1491	ALL		485275	3718075	NonCancer	0.00E+00	1.04E-05	0.00E+00	1.69E-06	1.69E-06	9.62E-05	2.87E-04	0.00E+00	2.42E-06	0.00E+00	1.69E-06	2.44E-03	0.00E+00	0.00E+00	2.44E-03
1492	ALL		485325	3718075	NonCancer	0.00E+00	9.67E-06	0.00E+00	1.54E-06	1.54E-06	8.91E-05	2.67E-04	0.00E+00	2.24E-06	0.00E+00	1.54E-06	2.22E-03	0.00E+00	0.00E+00	2.22E-03
1493	ALL		485375	3718075	NonCancer	0.00E+00	9.03E-06	0.00E+00	1.44E-06	1.44E-06	8.32E-05	2.49E-04	0.00E+00	2.09E-06	0.00E+00	1.44E-06	2.08E-03	0.00E+00	0.00E+00	2.08E-03
1494	ALL		485425	3718075	NonCancer	0.00E+00	8.50E-06	0.00E+00	1.36E-06	1.36E-06	7.83E-05	2.35E-04	0.00E+00	1.97E-06	0.00E+00	1.36E-06	1.98E-03	0.00E+00	0.00E+00	1.98E-03
1495	ALL		485475	3718075	NonCancer	0.00E+00	7.99E-06	0.00E+00	1.29E-06	1.29E-06	7.36E-05	2.21E-04	0.00E+00	1.85E-06	0.00E+00	1.29E-06	1.88E-03	0.00E+00	0.00E+00	1.88E-03
1496	ALL		482925	3718125	NonCancer	0.00E+00	7.24E-06	0.00E+00	1.12E-06	1.12E-06	6.66E-05	2.10E-04	0.00E+00	1.68E-06	0.00E+00	1.12E-06	1.68E-03	0.00E+00	0.00E+00	1.68E-03
1497	ALL		482975	3718125	NonCancer	0.00E+00	7.77E-06	0.00E+00	1.18E-06	1.18E-06	7.15E-05	2.25E-04	0.00E+00	1.80E-06	0.00E+00	1.18E-06	1.75E-03	0.00E+00	0.00E+00	1.75E-03
1498	ALL		483025	3718125	NonCancer	0.00E+00	8.47E-06	0.00E+00	1.25E-06	1.25E-06	7.79E-05	2.44E-04	0.00E+00	1.97E-06	0.00E+00	1.25E-06	1.83E-03	0.00E+00	0.00E+00	1.83E-03
1499	ALL		483075	3718125	NonCancer	0.00E+00	9.13E-06	0.00E+00	1.32E-06	1.32E-06	8.40E-05	2.63E-04	0.00E+00	2.12E-06	0.00E+00	1.32E-06	1.92E-03	0.00E+00	0.00E+00	1.92E-03
1500	ALL		483125	3718125	NonCancer	0.00E+00	9.93E-06	0.00E+00	1.40E-06	1.40E-06	9.13E-05	2.85E-04	0.00E+00	2.30E-06	0.00E+00	1.40E-06	2.01E-03	0.00E+00	0.00E+00	2.01E-03
1501	ALL		483175	3718125	NonCancer	0.00E+00	1.06E-05	0.00E+00	1.48E-06	1.48E-06	9.73E-05	3.03E-04	0.00E+00	2.45E-06	0.00E+00	1.48E-06	2.10E-03	0.00E+00	0.00E+00	2.10E-03
1502	ALL		483225	3718125	NonCancer	0.00E+00	1.01E-05	0.00E+00	2.01E-06	2.01E-06	9.34E-05	2.92E-04	0.00E+00	2.34E-06	0.00E+00	2.01E-06	3.50E-03	0.00E+00	0.00E+00	3.50E-03
1503	ALL		483275	3718125	NonCancer	0.00E+00	1.20E-05	0.00E+00	1.67E-06	1.67E-06	1.10E-04	3.43E-04	0.00E+00	2.78E-06	0.00E+00	1.67E-06	2.29E-03	0.00E+00	0.00E+00	2.29E-03
1504	ALL		483325	3718125	NonCancer	0.00E+00	1.38E-05	0.00E+00	1.84E-06	1.84E-06	1.26E-04	3.91E-04	0.00E+00	3.19E-06	0.00E+00	1.84E-06	2.56E-03	0.00E+00	0.00E+00	2.56E-03
1505	ALL		483375	3718125	NonCancer	0.00E+00	1.52E-05	0.00E+00	2.03E-06	2.03E-06	1.39E-04	4.30E-04	0.00E+00	3.52E-06	0.00E+00	2.03E-06	2.86E-03	0.00E+00	0.00E+00	2.86E-03
1506	ALL		483425	3718125	NonCancer	0.00E+00	1.64E-05	0.00E+00	2.25E-06	2.25E-06	1.51E-04	4.66E-04	0.00E+00	3.81E-06	0.00E+00	2.25E-06	3.21E-03	0.00E+00	0.00E+00	3.21E-03
1507	ALL		483475	3718125	NonCancer	0.00E+00	1.81E-05	0.00E+00	2.49E-06	2.49E-06	1.66E-04	5.12E-04	0.00E+00	4.20E-06	0.00E+00	2.49E-06	3.58E-03	0.00E+00	0.00E+00	3.58E-03
1508	ALL		483525	3718125	NonCancer	0.00E+00	1.99E-05	0.00E+00	2.76E-06	2.76E-06	1.83E-04	5.61E-04	0.00E+00	4.61E-06	0.00E+00	2.76E-06	4.00E-03	0.00E+00	0.00E+00	4.00E-03
1509	ALL		483575	3718125	NonCancer	0.00E+00	2.19E-05	0.00E+00	3.07E-06	3.07E-06	2.01E-04	6.17E-04	0.00E+00	5.07E-06	0.00E+00	3.07E-06	4.46E-03	0.00E+00	0.00E+00	4.46E-03
1510	ALL		483625	3718125	NonCancer	0.00E+00	2.42E-05	0.00E+00	3.43E-06	3.43E-06	2.22E-04	6.83E-04	0.00E+00	5.61E-06	0.00E+00	3.43E-06	5.00E-03	0.00E+00	0.00E+00	5.00E-03
1511	ALL		483675	3718125	NonCancer	0.00E+00	2.70E-05	0.00E+00	3.85E-06	3.85E-06	2.48E-04	7.62E-04	0.00E+00	6.27E-06	0.00E+00	3.85E-06	5.60E-03	0.00E+00	0.00E+00	5.60E-03
1512	ALL		483725	3718125	NonCancer	0.00E+00	3.04E-05	0.00E+00	4.36E-06	4.36E-06	2.80E-04	8.57E-04	0.00E+00	7.05E-06	0.00E+00	4.36E-06	6.32E-03	0.00E+00	0.00E+00	6.32E-03
1513	ALL		483775	3718125	NonCancer	0.00E+00	3.44E-05	0.00E+00	4.98E-06	4.98E-06	3.17E-04	9.71E-04	0.00E+00	7.99E-06	0.00E+00	4.98E-06	7.22E-03	0.00E+00	0.00E+00	7.22E-03
1514	ALL		483825	3718125	NonCancer	0.00E+00	3.94E-05	0.00E+00	5.68E-06	5.68E-06	3.62E-04	1.11E-03	0.00E+00	9.13E-06	0.00E+00	5.68E-06	8.14E-03	0.00E+00	0.00E+00	8.14E-03
1515	ALL		483875	3718125	NonCancer	0.00E+00	4.55E-05	0.00E+00	6.69E-06	6.69E-06	4.18E-04	1.29E-03	0.00E+00	1.06E-05	0.00E+00	6.69E-06	9.77E-03	0.00E+00	0.00E+00	9.77E-03
1516	ALL		483925	3718125	NonCancer	0.00E+00	5.39E-05	0.00E+00	7.78E-06	7.78E-06	4.96E-04	1.54E-03	0.00E+00	1.25E-05	0.00E+00	7.78E-06	1.13E-02	0.00E+00	0.00E+00	1.13E-02
1517	ALL		483975	3718125	NonCancer	0.00E+00	6.77E-05	0.00E+00	9.58E-06	9.58E-06	6.22E-04	1.97E-03	0.00E+00	1.57E-05	0.00E+00	9.58E-06	1.43E-02	0.00E+00	0.00E+00	1.43E-02
1518	ALL		484025	3718125	NonCancer	0.00E+00	1.03E-04	0.00E+00	1.32E-05	1.32E-05	9.48E-04	3.11E-03	0.00E+00	2.40E-05	0.00E+00	1.32E-05	2.14E-02	0.00E+00	0.00E+00	2.14E-02
1519	ALL		484525	3718125	NonCancer	0.00E+00	5.42E-05	0.00E+00	1.28E-05	1.28E-05	5.04E-04	1.49E-03	0.00E+00	1.26E-05	0.00E+00	1.28E-05	2.07E-02	0.00E+00	0.00E+00	2.07E-02
1520	ALL		484575	3718125	NonCancer	0.00E+00	4.74E-05	0.00E+00	1.07E-05	1.07E-05	4.39E-04	1.30E-03	0.00E+00	1.10E-05	0.00E+00	1.07E-05	1.69E-02	0.00E+00	0.00E+00	1.69E-02
1521	ALL		484625	3718125	NonCancer	0.00E+00	4.11E-05	0.00E+00	8.02E-06	8.02E-06	3.80E-04	1.13E-03	0.00E+00	9.54E-06	0.00E+00	8.02E-06	1.14E-02	0.00E+00	0.00E+00	1.14E-02
1522	ALL		484675	3718125	NonCancer	0.00E+00	3.57E-05	0.00E+00	6.58E-06	6.58E-06	3.30E-04	9.78E-04	0.00E+00	8.28E-06	0.00E+00	6.58E-06	9.10E-03	0.00E+00	0.00E+00	9.10E-03
1523	ALL		484725	3718125	NonCancer	0.00E+00	3.13E-05	0.00E+00	5.58E-06	5.58E-06	2.89E-04	8.57E-04	0.00E+00	7.27E-06	0.00E+00	5.58E-06	7.65E-03	0.00E+00	0.00E+00	7.65E-03
1524	ALL		484775	3718125	NonCancer	0.00E+00	2.77E-05	0.00E+00	5.03E-06	5.03E-06	2.55E-04	7.57E-04	0.00E+00	6.42E-06	0.00E+00	5.03E-06	7.20E-03	0.00E+00	0.00E+00	7.20E-03
1525	ALL		484825	3718125	NonCancer	0.00E+00	2.45E-05	0.00E+00	4.50E-06	4.50E-06	2.26E-04	6.70E-04	0.00E+00	5.68E-06	0.00E+00	4.50E-06	6.63E-03	0.00E+00	0.00E+00	6.63E-03
1526	ALL		484875	3718125	NonCancer	0.00E+00	2.18E-05	0.00E+00	4.00E-06	4.00E-06	2.02E-04	5.98E-04	0.00E+00	5.07E-06	0.00E+00	4.00E-06	5.99E-03	0.00E+00	0.00E+00	5.99E-03
1527	ALL		484925	3718125	NonCancer	0.00E+00	1.96E-05	0.00E+00	3.54E-06	3.54E-06	1.81E-04	5.35E-04	0.00E+00	4.54E-06	0.00E+00	3.54E-06	5.31E-03	0.00E+00	0.00E+00	5.31E-03
1528	ALL		484975	3718125	NonCancer	0.00E+00	1.77E-05	0.00E+00	3.14E-06	3.14E-06	1.63E-04	4.84E-04	0.00E+00	4.10E-06	0.00E+00	3.14E-06	4.69E-03	0.00E+00	0.00E+00	4.69E-03
1529	ALL		485025	3718125	NonCancer	0.00E+00	1.60E-05	0.00E+00	2.77E-06	2.77E-06	1.48E-04	4.40E-04	0.00E+00	3.72E-06	0.00E+00	2.77E-06	4.10E-03	0.00E+00	0.00E+00	4.10E-03
1530	ALL		485075	3718125	NonCancer	0.00E+00	1.46E-05	0.00E+00	2.54E-06	2.54E-06	1.35E-04	4.01E-04	0.00E+00	3.39E-06	0.00E+00	2.54E-06	3.80E-03	0.00E+00	0.00E+00	3.80E-03

*HARP - HRACalc v19044 3/19/2020 1:54:21 PM - Chronic Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitChronicHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1531	ALL		485125	3718125	NonCancer	0.00E+00	1.33E-05	0.00E+00	2.36E-06	2.36E-06	1.23E-04	3.67E-04	0.00E+00	3.10E-06	0.00E+00	2.36E-06	3.61E-03	0.00E+00	0.00E+00	3.61E-03
1532	ALL		485175	3718125	NonCancer	0.00E+00	1.22E-05	0.00E+00	2.17E-06	2.17E-06	1.13E-04	3.36E-04	0.00E+00	2.83E-06	0.00E+00	2.17E-06	3.36E-03	0.00E+00	0.00E+00	3.36E-03
1533	ALL		485225	3718125	NonCancer	0.00E+00	1.12E-05	0.00E+00	1.98E-06	1.98E-06	1.03E-04	3.09E-04	0.00E+00	2.60E-06	0.00E+00	1.98E-06	3.09E-03	0.00E+00	0.00E+00	3.09E-03
1534	ALL		485275	3718125	NonCancer	0.00E+00	1.03E-05	0.00E+00	1.81E-06	1.81E-06	9.52E-05	2.84E-04	0.00E+00	2.39E-06	0.00E+00	1.81E-06	2.81E-03	0.00E+00	0.00E+00	2.81E-03
1535	ALL		485325	3718125	NonCancer	0.00E+00	9.61E-06	0.00E+00	1.65E-06	1.65E-06	8.86E-05	2.65E-04	0.00E+00	2.23E-06	0.00E+00	1.65E-06	2.54E-03	0.00E+00	0.00E+00	2.54E-03
1536	ALL		485375	3718125	NonCancer	0.00E+00	8.98E-06	0.00E+00	1.52E-06	1.52E-06	8.28E-05	2.48E-04	0.00E+00	2.08E-06	0.00E+00	1.52E-06	2.30E-03	0.00E+00	0.00E+00	2.30E-03
1537	ALL		485425	3718125	NonCancer	0.00E+00	8.43E-06	0.00E+00	1.39E-06	1.39E-06	7.77E-05	2.33E-04	0.00E+00	1.96E-06	0.00E+00	1.39E-06	2.08E-03	0.00E+00	0.00E+00	2.08E-03
1538	ALL		485475	3718125	NonCancer	0.00E+00	7.93E-06	0.00E+00	1.28E-06	1.28E-06	7.30E-05	2.19E-04	0.00E+00	1.84E-06	0.00E+00	1.28E-06	1.87E-03	0.00E+00	0.00E+00	1.87E-03
1539	ALL		482925	3718175	NonCancer	0.00E+00	5.78E-06	0.00E+00	1.91E-06	1.91E-06	5.42E-05	1.69E-04	0.00E+00	1.34E-06	0.00E+00	1.91E-06	4.26E-03	0.00E+00	0.00E+00	4.26E-03
1540	ALL		482975	3718175	NonCancer	0.00E+00	6.13E-06	0.00E+00	2.02E-06	2.02E-06	5.75E-05	1.79E-04	0.00E+00	1.42E-06	0.00E+00	2.02E-06	4.49E-03	0.00E+00	0.00E+00	4.49E-03
1541	ALL		483025	3718175	NonCancer	0.00E+00	6.59E-06	0.00E+00	2.07E-06	2.07E-06	6.17E-05	1.92E-04	0.00E+00	1.53E-06	0.00E+00	2.07E-06	4.53E-03	0.00E+00	0.00E+00	4.53E-03
1542	ALL		483075	3718175	NonCancer	0.00E+00	8.24E-06	0.00E+00	1.48E-06	1.48E-06	7.60E-05	2.39E-04	0.00E+00	1.91E-06	0.00E+00	1.48E-06	2.42E-03	0.00E+00	0.00E+00	2.42E-03
1543	ALL		483125	3718175	NonCancer	0.00E+00	9.12E-06	0.00E+00	1.34E-06	1.34E-06	8.39E-05	2.63E-04	0.00E+00	2.12E-06	0.00E+00	1.34E-06	1.86E-03	0.00E+00	0.00E+00	1.86E-03
1544	ALL		483175	3718175	NonCancer	0.00E+00	1.01E-05	0.00E+00	1.46E-06	1.46E-06	9.31E-05	2.91E-04	0.00E+00	2.35E-06	0.00E+00	1.46E-06	2.07E-03	0.00E+00	0.00E+00	2.07E-03
1545	ALL		483225	3718175	NonCancer	0.00E+00	9.27E-06	0.00E+00	2.36E-06	2.36E-06	8.62E-05	2.68E-04	0.00E+00	2.15E-06	0.00E+00	2.36E-06	4.71E-03	0.00E+00	0.00E+00	4.71E-03
1546	ALL		483275	3718175	NonCancer	0.00E+00	1.10E-05	0.00E+00	1.87E-06	1.87E-06	1.02E-04	3.17E-04	0.00E+00	2.56E-06	0.00E+00	1.87E-06	2.92E-03	0.00E+00	0.00E+00	2.92E-03
1547	ALL		483325	3718175	NonCancer	0.00E+00	1.32E-05	0.00E+00	1.91E-06	1.91E-06	1.22E-04	3.77E-04	0.00E+00	3.07E-06	0.00E+00	1.91E-06	2.80E-03	0.00E+00	0.00E+00	2.80E-03
1548	ALL		483375	3718175	NonCancer	0.00E+00	1.46E-05	0.00E+00	2.09E-06	2.09E-06	1.34E-04	4.14E-04	0.00E+00	3.38E-06	0.00E+00	2.09E-06	3.09E-03	0.00E+00	0.00E+00	3.09E-03
1549	ALL		483425	3718175	NonCancer	0.00E+00	1.59E-05	0.00E+00	2.29E-06	2.29E-06	1.46E-04	4.52E-04	0.00E+00	3.69E-06	0.00E+00	2.29E-06	3.41E-03	0.00E+00	0.00E+00	3.41E-03
1550	ALL		483475	3718175	NonCancer	0.00E+00	1.74E-05	0.00E+00	2.51E-06	2.51E-06	1.60E-04	4.92E-04	0.00E+00	4.03E-06	0.00E+00	2.51E-06	3.75E-03	0.00E+00	0.00E+00	3.75E-03
1551	ALL		483525	3718175	NonCancer	0.00E+00	1.90E-05	0.00E+00	2.75E-06	2.75E-06	1.75E-04	5.39E-04	0.00E+00	4.41E-06	0.00E+00	2.75E-06	4.11E-03	0.00E+00	0.00E+00	4.11E-03
1552	ALL		483575	3718175	NonCancer	0.00E+00	2.09E-05	0.00E+00	3.03E-06	3.03E-06	1.92E-04	5.90E-04	0.00E+00	4.84E-06	0.00E+00	3.03E-06	4.51E-03	0.00E+00	0.00E+00	4.51E-03
1553	ALL		483625	3718175	NonCancer	0.00E+00	2.30E-05	0.00E+00	3.34E-06	3.34E-06	2.11E-04	6.50E-04	0.00E+00	5.33E-06	0.00E+00	3.34E-06	4.92E-03	0.00E+00	0.00E+00	4.92E-03
1554	ALL		483675	3718175	NonCancer	0.00E+00	2.55E-05	0.00E+00	3.69E-06	3.69E-06	2.34E-04	7.20E-04	0.00E+00	5.91E-06	0.00E+00	3.69E-06	5.41E-03	0.00E+00	0.00E+00	5.41E-03
1555	ALL		483725	3718175	NonCancer	0.00E+00	2.84E-05	0.00E+00	4.09E-06	4.09E-06	2.61E-04	8.03E-04	0.00E+00	6.58E-06	0.00E+00	4.09E-06	5.90E-03	0.00E+00	0.00E+00	5.90E-03
1556	ALL		483775	3718175	NonCancer	0.00E+00	3.19E-05	0.00E+00	4.64E-06	4.64E-06	2.93E-04	9.02E-04	0.00E+00	7.39E-06	0.00E+00	4.64E-06	6.69E-03	0.00E+00	0.00E+00	6.69E-03
1557	ALL		483825	3718175	NonCancer	0.00E+00	3.60E-05	0.00E+00	5.33E-06	5.33E-06	3.31E-04	1.02E-03	0.00E+00	8.34E-06	0.00E+00	5.33E-06	7.75E-03	0.00E+00	0.00E+00	7.75E-03
1558	ALL		483875	3718175	NonCancer	0.00E+00	4.09E-05	0.00E+00	5.97E-06	5.97E-06	3.76E-04	1.17E-03	0.00E+00	9.49E-06	0.00E+00	5.97E-06	8.48E-03	0.00E+00	0.00E+00	8.48E-03
1559	ALL		483925	3718175	NonCancer	0.00E+00	4.74E-05	0.00E+00	7.35E-06	7.35E-06	4.36E-04	1.37E-03	0.00E+00	1.10E-05	0.00E+00	7.35E-06	1.11E-02	0.00E+00	0.00E+00	1.11E-02
1560	ALL		483975	3718175	NonCancer	0.00E+00	5.70E-05	0.00E+00	9.36E-06	9.36E-06	5.25E-04	1.67E-03	0.00E+00	1.32E-05	0.00E+00	9.36E-06	1.52E-02	0.00E+00	0.00E+00	1.52E-02
1561	ALL		484025	3718175	NonCancer	0.00E+00	7.69E-05	0.00E+00	1.06E-05	1.06E-05	7.07E-04	2.33E-03	0.00E+00	1.78E-05	0.00E+00	1.06E-05	1.66E-02	0.00E+00	0.00E+00	1.66E-02
1562	ALL		484075	3718175	NonCancer	0.00E+00	1.66E-04	0.00E+00	1.34E-05	1.34E-05	1.51E-03	5.55E-03	0.00E+00	3.84E-05	0.00E+00	1.34E-05	2.07E-02	0.00E+00	0.00E+00	2.07E-02
1563	ALL		484525	3718175	NonCancer	0.00E+00	4.57E-05	0.00E+00	9.63E-06	9.63E-06	4.23E-04	1.26E-03	0.00E+00	1.06E-05	0.00E+00	9.63E-06	1.44E-02	0.00E+00	0.00E+00	1.44E-02
1564	ALL		484575	3718175	NonCancer	0.00E+00	4.10E-05	0.00E+00	9.54E-06	9.54E-06	3.80E-04	1.13E-03	0.00E+00	9.50E-06	0.00E+00	9.54E-06	1.56E-02	0.00E+00	0.00E+00	1.56E-02
1565	ALL		484625	3718175	NonCancer	0.00E+00	3.65E-05	0.00E+00	8.27E-06	8.27E-06	3.39E-04	1.01E-03	0.00E+00	8.47E-06	0.00E+00	8.27E-06	1.34E-02	0.00E+00	0.00E+00	1.34E-02
1566	ALL		484675	3718175	NonCancer	0.00E+00	3.25E-05	0.00E+00	6.53E-06	6.53E-06	3.01E-04	8.95E-04	0.00E+00	7.54E-06	0.00E+00	6.53E-06	9.75E-03	0.00E+00	0.00E+00	9.75E-03
1567	ALL		484725	3718175	NonCancer	0.00E+00	2.90E-05	0.00E+00	5.28E-06	5.28E-06	2.68E-04	7.97E-04	0.00E+00	6.72E-06	0.00E+00	5.28E-06	7.32E-03	0.00E+00	0.00E+00	7.32E-03
1568	ALL		484775	3718175	NonCancer	0.00E+00	2.59E-05	0.00E+00	4.60E-06	4.60E-06	2.39E-04	7.12E-04	0.00E+00	6.01E-06	0.00E+00	4.60E-06	6.32E-03	0.00E+00	0.00E+00	6.32E-03
1569	ALL		484825	3718175	NonCancer	0.00E+00	2.32E-05	0.00E+00	4.02E-06	4.02E-06	2.14E-04	6.37E-04	0.00E+00	5.38E-06	0.00E+00	4.02E-06	5.52E-03	0.00E+00	0.00E+00	5.52E-03
1570	ALL		484875	3718175	NonCancer	0.00E+00	2.09E-05	0.00E+00	3.68E-06	3.68E-06	1.93E-04	5.73E-04	0.00E+00	4.84E-06	0.00E+00	3.68E-06	5.25E-03	0.00E+00	0.00E+00	5.25E-03
1571	ALL		484925	3718175	NonCancer	0.00E+00	1.88E-05	0.00E+00	3.35E-06	3.35E-06	1.73E-04	5.15E-04	0.00E+00	4.35E-06	0.00E+00	3.35E-06	4.92E-03	0.00E+00	0.00E+00	4.92E-03
1572	ALL		484975	3718175	NonCancer	0.00E+00	1.70E-05	0.00E+00	3.06E-06	3.06E-06	1.57E-04	4.68E-04	0.00E+00	3.95E-06	0.00E+00	3.06E-06	4.57E-03	0.00E+00	0.00E+00	4.57E-03
1573	ALL		485025	3718175	NonCancer	0.00E+00	1.56E-05	0.00E+00	2.78E-06	2.78E-06	1.44E-04	4.28E-04	0.00E+00	3.61E-06	0.00E+00	2.78E-06	4.18E-03	0.00E+00	0.00E+00	4.18E-03
1574	ALL		485075	3718175	NonCancer	0.00E+00	1.43E-05	0.00E+00	2.52E-06	2.52E-06	1.32E-04	3.93E-04	0.00E+00	3.31E-06	0.00E+00	2.52E-06	3.78E-03	0.00E+00	0.00E+00	3.78E-03
1575	ALL		485125	3718175	NonCancer	0.00E+00	1.31E-05	0.00E+00	2.26E-06	2.26E-06	1.20E-04	3.59E-04	0.00E+00	3.03E-06	0.00E+00	2.26E-06	3.37E-03	0.00E+00	0.00E+00	3.37E-03

*HARP - HRACalc v19044 3/19/2020 1:54:21 PM - Chronic Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitChronicHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1576	ALL		485175	3718175	NonCancer	0.00E+00	1.22E-05	0.00E+00	2.06E-06	2.06E-06	1.12E-04	3.35E-04	0.00E+00	2.82E-06	0.00E+00	2.06E-06	3.03E-03	0.00E+00	0.00E+00	3.03E-03
1577	ALL		485225	3718175	NonCancer	0.00E+00	1.11E-05	0.00E+00	1.84E-06	1.84E-06	1.02E-04	3.06E-04	0.00E+00	2.57E-06	0.00E+00	1.84E-06	2.70E-03	0.00E+00	0.00E+00	2.70E-03
1578	ALL		485275	3718175	NonCancer	0.00E+00	1.02E-05	0.00E+00	1.73E-06	1.73E-06	9.39E-05	2.81E-04	0.00E+00	2.36E-06	0.00E+00	1.73E-06	2.60E-03	0.00E+00	0.00E+00	2.60E-03
1579	ALL		485325	3718175	NonCancer	0.00E+00	9.53E-06	0.00E+00	1.63E-06	1.63E-06	8.79E-05	2.63E-04	0.00E+00	2.21E-06	0.00E+00	1.63E-06	2.49E-03	0.00E+00	0.00E+00	2.49E-03
1580	ALL		485375	3718175	NonCancer	0.00E+00	8.91E-06	0.00E+00	1.54E-06	1.54E-06	8.22E-05	2.46E-04	0.00E+00	2.07E-06	0.00E+00	1.54E-06	2.38E-03	0.00E+00	0.00E+00	2.38E-03
1581	ALL		485425	3718175	NonCancer	0.00E+00	8.35E-06	0.00E+00	1.45E-06	1.45E-06	7.70E-05	2.31E-04	0.00E+00	1.94E-06	0.00E+00	1.45E-06	2.24E-03	0.00E+00	0.00E+00	2.24E-03
1582	ALL		485475	3718175	NonCancer	0.00E+00	7.86E-06	0.00E+00	1.35E-06	1.35E-06	7.25E-05	2.18E-04	0.00E+00	1.82E-06	0.00E+00	1.35E-06	2.10E-03	0.00E+00	0.00E+00	2.10E-03
1583	ALL		482925	3718225	NonCancer	0.00E+00	4.64E-06	0.00E+00	2.63E-06	2.63E-06	4.47E-05	1.38E-04	0.00E+00	1.08E-06	0.00E+00	2.63E-06	6.58E-03	0.00E+00	0.00E+00	6.58E-03
1584	ALL		482975	3718225	NonCancer	0.00E+00	4.77E-06	0.00E+00	2.81E-06	2.81E-06	4.60E-05	1.41E-04	0.00E+00	1.11E-06	0.00E+00	2.81E-06	7.04E-03	0.00E+00	0.00E+00	7.04E-03
1585	ALL		483025	3718225	NonCancer	0.00E+00	5.32E-06	0.00E+00	2.84E-06	2.84E-06	5.10E-05	1.57E-04	0.00E+00	1.24E-06	0.00E+00	2.84E-06	7.02E-03	0.00E+00	0.00E+00	7.02E-03
1586	ALL		483075	3718225	NonCancer	0.00E+00	6.13E-06	0.00E+00	2.63E-06	2.63E-06	5.81E-05	1.79E-04	0.00E+00	1.42E-06	0.00E+00	2.63E-06	6.26E-03	0.00E+00	0.00E+00	6.26E-03
1587	ALL		483125	3718225	NonCancer	0.00E+00	7.52E-06	0.00E+00	2.25E-06	2.25E-06	7.03E-05	2.19E-04	0.00E+00	1.74E-06	0.00E+00	2.25E-06	4.84E-03	0.00E+00	0.00E+00	4.84E-03
1588	ALL		483175	3718225	NonCancer	0.00E+00	8.65E-06	0.00E+00	2.06E-06	2.06E-06	8.04E-05	2.51E-04	0.00E+00	2.01E-06	0.00E+00	2.06E-06	4.01E-03	0.00E+00	0.00E+00	4.01E-03
1589	ALL		483225	3718225	NonCancer	0.00E+00	9.97E-06	0.00E+00	1.83E-06	1.83E-06	9.21E-05	2.88E-04	0.00E+00	2.31E-06	0.00E+00	1.83E-06	3.07E-03	0.00E+00	0.00E+00	3.07E-03
1590	ALL		483275	3718225	NonCancer	0.00E+00	1.10E-05	0.00E+00	1.76E-06	1.76E-06	1.02E-04	3.17E-04	0.00E+00	2.56E-06	0.00E+00	1.76E-06	2.66E-03	0.00E+00	0.00E+00	2.66E-03
1591	ALL		483325	3718225	NonCancer	0.00E+00	1.26E-05	0.00E+00	1.92E-06	1.92E-06	1.16E-04	3.60E-04	0.00E+00	2.92E-06	0.00E+00	1.92E-06	2.92E-03	0.00E+00	0.00E+00	2.92E-03
1592	ALL		483375	3718225	NonCancer	0.00E+00	1.39E-05	0.00E+00	2.09E-06	2.09E-06	1.28E-04	3.97E-04	0.00E+00	3.23E-06	0.00E+00	2.09E-06	3.18E-03	0.00E+00	0.00E+00	3.18E-03
1593	ALL		483425	3718225	NonCancer	0.00E+00	1.49E-05	0.00E+00	2.27E-06	2.27E-06	1.38E-04	4.25E-04	0.00E+00	3.47E-06	0.00E+00	2.27E-06	3.44E-03	0.00E+00	0.00E+00	3.44E-03
1594	ALL		483475	3718225	NonCancer	0.00E+00	1.66E-05	0.00E+00	2.45E-06	2.45E-06	1.53E-04	4.71E-04	0.00E+00	3.85E-06	0.00E+00	2.45E-06	3.70E-03	0.00E+00	0.00E+00	3.70E-03
1595	ALL		483525	3718225	NonCancer	0.00E+00	1.82E-05	0.00E+00	2.66E-06	2.66E-06	1.67E-04	5.16E-04	0.00E+00	4.22E-06	0.00E+00	2.66E-06	3.97E-03	0.00E+00	0.00E+00	3.97E-03
1596	ALL		483575	3718225	NonCancer	0.00E+00	1.98E-05	0.00E+00	2.91E-06	2.91E-06	1.82E-04	5.62E-04	0.00E+00	4.60E-06	0.00E+00	2.91E-06	4.34E-03	0.00E+00	0.00E+00	4.34E-03
1597	ALL		483625	3718225	NonCancer	0.00E+00	2.15E-05	0.00E+00	3.19E-06	3.19E-06	1.98E-04	6.09E-04	0.00E+00	4.99E-06	0.00E+00	3.19E-06	4.71E-03	0.00E+00	0.00E+00	4.71E-03
1598	ALL		483675	3718225	NonCancer	0.00E+00	2.39E-05	0.00E+00	3.52E-06	3.52E-06	2.20E-04	6.78E-04	0.00E+00	5.56E-06	0.00E+00	3.52E-06	5.16E-03	0.00E+00	0.00E+00	5.16E-03
1599	ALL		483725	3718225	NonCancer	0.00E+00	2.66E-05	0.00E+00	3.92E-06	3.92E-06	2.44E-04	7.53E-04	0.00E+00	6.16E-06	0.00E+00	3.92E-06	5.74E-03	0.00E+00	0.00E+00	5.74E-03
1600	ALL		483775	3718225	NonCancer	0.00E+00	2.95E-05	0.00E+00	4.37E-06	4.37E-06	2.72E-04	8.38E-04	0.00E+00	6.85E-06	0.00E+00	4.37E-06	6.36E-03	0.00E+00	0.00E+00	6.36E-03
1601	ALL		483825	3718225	NonCancer	0.00E+00	3.29E-05	0.00E+00	4.86E-06	4.86E-06	3.03E-04	9.39E-04	0.00E+00	7.63E-06	0.00E+00	4.86E-06	6.97E-03	0.00E+00	0.00E+00	6.97E-03
1602	ALL		483875	3718225	NonCancer	0.00E+00	3.70E-05	0.00E+00	5.89E-06	5.89E-06	3.40E-04	1.06E-03	0.00E+00	8.57E-06	0.00E+00	5.89E-06	9.01E-03	0.00E+00	0.00E+00	9.01E-03
1603	ALL		483925	3718225	NonCancer	0.00E+00	4.19E-05	0.00E+00	7.24E-06	7.24E-06	3.86E-04	1.22E-03	0.00E+00	9.71E-06	0.00E+00	7.24E-06	1.18E-02	0.00E+00	0.00E+00	1.18E-02
1604	ALL		483975	3718225	NonCancer	0.00E+00	4.88E-05	0.00E+00	7.88E-06	7.88E-06	4.50E-04	1.44E-03	0.00E+00	1.13E-05	0.00E+00	7.88E-06	1.25E-02	0.00E+00	0.00E+00	1.25E-02
1605	ALL		484025	3718225	NonCancer	0.00E+00	6.18E-05	0.00E+00	8.88E-06	8.88E-06	5.68E-04	1.89E-03	0.00E+00	1.43E-05	0.00E+00	8.88E-06	1.38E-02	0.00E+00	0.00E+00	1.38E-02
1606	ALL		484075	3718225	NonCancer	0.00E+00	1.32E-04	0.00E+00	1.09E-05	1.09E-05	1.20E-03	4.55E-03	0.00E+00	3.06E-05	0.00E+00	1.09E-05	1.68E-02	0.00E+00	0.00E+00	1.68E-02
1607	ALL		484125	3718225	NonCancer	0.00E+00	6.99E-05	0.00E+00	1.00E-05	1.00E-05	6.43E-04	2.15E-03	0.00E+00	1.62E-05	0.00E+00	1.00E-05	1.44E-02	0.00E+00	0.00E+00	1.44E-02
1608	ALL		484175	3718225	NonCancer	0.00E+00	5.98E-05	0.00E+00	1.08E-05	1.08E-05	5.52E-04	1.76E-03	0.00E+00	1.39E-05	0.00E+00	1.08E-05	1.60E-02	0.00E+00	0.00E+00	1.60E-02
1609	ALL		484225	3718225	NonCancer	0.00E+00	5.62E-05	0.00E+00	1.10E-05	1.10E-05	5.20E-04	1.62E-03	0.00E+00	1.30E-05	0.00E+00	1.10E-05	1.61E-02	0.00E+00	0.00E+00	1.61E-02
1610	ALL		484275	3718225	NonCancer	0.00E+00	5.40E-05	0.00E+00	1.06E-05	1.06E-05	4.99E-04	1.54E-03	0.00E+00	1.25E-05	0.00E+00	1.06E-05	1.51E-02	0.00E+00	0.00E+00	1.51E-02
1611	ALL		484325	3718225	NonCancer	0.00E+00	5.17E-05	0.00E+00	1.31E-05	1.31E-05	4.81E-04	1.46E-03	0.00E+00	1.20E-05	0.00E+00	1.31E-05	2.24E-02	0.00E+00	0.00E+00	2.24E-02
1612	ALL		484375	3718225	NonCancer	0.00E+00	4.90E-05	0.00E+00	1.22E-05	1.22E-05	4.56E-04	1.38E-03	0.00E+00	1.14E-05	0.00E+00	1.22E-05	2.06E-02	0.00E+00	0.00E+00	2.06E-02
1613	ALL		484425	3718225	NonCancer	0.00E+00	4.59E-05	0.00E+00	1.01E-05	1.01E-05	4.26E-04	1.28E-03	0.00E+00	1.07E-05	0.00E+00	1.01E-05	1.57E-02	0.00E+00	0.00E+00	1.57E-02
1614	ALL		484475	3718225	NonCancer	0.00E+00	4.26E-05	0.00E+00	9.27E-06	9.27E-06	3.95E-04	1.19E-03	0.00E+00	9.88E-06	0.00E+00	9.27E-06	1.44E-02	0.00E+00	0.00E+00	1.44E-02
1615	ALL		484525	3718225	NonCancer	0.00E+00	3.92E-05	0.00E+00	7.43E-06	7.43E-06	3.62E-04	1.09E-03	0.00E+00	9.09E-06	0.00E+00	7.43E-06	1.02E-02	0.00E+00	0.00E+00	1.02E-02
1616	ALL		484575	3718225	NonCancer	0.00E+00	3.58E-05	0.00E+00	7.42E-06	7.42E-06	3.31E-04	9.92E-04	0.00E+00	8.30E-06	0.00E+00	7.42E-06	1.12E-02	0.00E+00	0.00E+00	1.12E-02
1617	ALL		484625	3718225	NonCancer	0.00E+00	3.25E-05	0.00E+00	7.42E-06	7.42E-06	3.01E-04	9.00E-04	0.00E+00	7.53E-06	0.00E+00	7.42E-06	1.22E-02	0.00E+00	0.00E+00	1.22E-02
1618	ALL		484675	3718225	NonCancer	0.00E+00	2.94E-05	0.00E+00	6.64E-06	6.64E-06	2.73E-04	8.15E-04	0.00E+00	6.82E-06	0.00E+00	6.64E-06	1.09E-02	0.00E+00	0.00E+00	1.09E-02
1619	ALL		484725	3718225	NonCancer	0.00E+00	2.66E-05	0.00E+00	5.46E-06	5.46E-06	2.46E-04	7.37E-04	0.00E+00	6.18E-06	0.00E+00	5.46E-06	8.42E-03	0.00E+00	0.00E+00	8.42E-03
1620	ALL		484775	3718225	NonCancer	0.00E+00	2.41E-05	0.00E+00	4.30E-06	4.30E-06	2.22E-04	6.66E-04	0.00E+00	5.59E-06	0.00E+00	4.30E-06	5.92E-03	0.00E+00	0.00E+00	5.92E-03

*HARP - HRACalc v19044 3/19/2020 1:54:21 PM - Chronic Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitChronicHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1621	ALL		484825	3718225	NonCancei	0.00E+00	2.19E-05	0.00E+00	3.83E-06	3.83E-06	2.02E-04	6.04E-04	0.00E+00	5.08E-06	0.00E+00	3.83E-06	5.25E-03	0.00E+00	0.00E+00	5.25E-03
1622	ALL		484875	3718225	NonCancei	0.00E+00	2.00E-05	0.00E+00	3.46E-06	3.46E-06	1.84E-04	5.50E-04	0.00E+00	4.63E-06	0.00E+00	3.46E-06	4.79E-03	0.00E+00	0.00E+00	4.79E-03
1623	ALL		484925	3718225	NonCancei	0.00E+00	1.80E-05	0.00E+00	3.05E-06	3.05E-06	1.66E-04	4.97E-04	0.00E+00	4.18E-06	0.00E+00	3.05E-06	4.20E-03	0.00E+00	0.00E+00	4.20E-03
1624	ALL		484975	3718225	NonCancei	0.00E+00	1.64E-05	0.00E+00	2.81E-06	2.81E-06	1.51E-04	4.52E-04	0.00E+00	3.80E-06	0.00E+00	2.81E-06	3.98E-03	0.00E+00	0.00E+00	3.98E-03
1625	ALL		485025	3718225	NonCancei	0.00E+00	1.51E-05	0.00E+00	2.62E-06	2.62E-06	1.39E-04	4.15E-04	0.00E+00	3.49E-06	0.00E+00	2.62E-06	3.83E-03	0.00E+00	0.00E+00	3.83E-03
1626	ALL		485075	3718225	NonCancei	0.00E+00	1.38E-05	0.00E+00	2.42E-06	2.42E-06	1.27E-04	3.81E-04	0.00E+00	3.20E-06	0.00E+00	2.42E-06	3.60E-03	0.00E+00	0.00E+00	3.60E-03
1627	ALL		485125	3718225	NonCancei	0.00E+00	1.27E-05	0.00E+00	2.22E-06	2.22E-06	1.17E-04	3.50E-04	0.00E+00	2.94E-06	0.00E+00	2.22E-06	3.34E-03	0.00E+00	0.00E+00	3.34E-03
1628	ALL		485175	3718225	NonCancei	0.00E+00	1.17E-05	0.00E+00	2.04E-06	2.04E-06	1.08E-04	3.23E-04	0.00E+00	2.72E-06	0.00E+00	2.04E-06	3.07E-03	0.00E+00	0.00E+00	3.07E-03
1629	ALL		485225	3718225	NonCancei	0.00E+00	1.09E-05	0.00E+00	1.87E-06	1.87E-06	1.00E-04	3.00E-04	0.00E+00	2.52E-06	0.00E+00	1.87E-06	2.80E-03	0.00E+00	0.00E+00	2.80E-03
1630	ALL		485275	3718225	NonCancei	0.00E+00	1.01E-05	0.00E+00	1.70E-06	1.70E-06	9.30E-05	2.79E-04	0.00E+00	2.34E-06	0.00E+00	1.70E-06	2.54E-03	0.00E+00	0.00E+00	2.54E-03
1631	ALL		485325	3718225	NonCancei	0.00E+00	9.42E-06	0.00E+00	1.56E-06	1.56E-06	8.68E-05	2.60E-04	0.00E+00	2.18E-06	0.00E+00	1.56E-06	2.29E-03	0.00E+00	0.00E+00	2.29E-03
1632	ALL		485375	3718225	NonCancei	0.00E+00	8.81E-06	0.00E+00	1.42E-06	1.42E-06	8.11E-05	2.44E-04	0.00E+00	2.04E-06	0.00E+00	1.42E-06	2.06E-03	0.00E+00	0.00E+00	2.06E-03
1633	ALL		485425	3718225	NonCancei	0.00E+00	8.25E-06	0.00E+00	1.36E-06	1.36E-06	7.60E-05	2.29E-04	0.00E+00	1.91E-06	0.00E+00	1.36E-06	2.01E-03	0.00E+00	0.00E+00	2.01E-03
1634	ALL		485475	3718225	NonCancei	0.00E+00	7.76E-06	0.00E+00	1.30E-06	1.30E-06	7.16E-05	2.15E-04	0.00E+00	1.80E-06	0.00E+00	1.30E-06	1.97E-03	0.00E+00	0.00E+00	1.97E-03
1635	ALL		482925	3718275	NonCancei	0.00E+00	3.79E-06	0.00E+00	2.63E-06	2.63E-06	3.69E-05	1.14E-04	0.00E+00	8.79E-07	0.00E+00	2.63E-06	6.77E-03	0.00E+00	0.00E+00	6.77E-03
1636	ALL		482975	3718275	NonCancei	0.00E+00	3.92E-06	0.00E+00	2.67E-06	2.67E-06	3.82E-05	1.17E-04	0.00E+00	9.10E-07	0.00E+00	2.67E-06	6.85E-03	0.00E+00	0.00E+00	6.85E-03
1637	ALL		483025	3718275	NonCancei	0.00E+00	4.37E-06	0.00E+00	2.86E-06	2.86E-06	4.24E-05	1.30E-04	0.00E+00	1.01E-06	0.00E+00	2.86E-06	7.29E-03	0.00E+00	0.00E+00	7.29E-03
1638	ALL		483075	3718275	NonCancei	0.00E+00	5.00E-06	0.00E+00	3.05E-06	3.05E-06	4.83E-05	1.48E-04	0.00E+00	1.16E-06	0.00E+00	3.05E-06	7.69E-03	0.00E+00	0.00E+00	7.69E-03
1639	ALL		483125	3718275	NonCancei	0.00E+00	5.97E-06	0.00E+00	3.08E-06	3.08E-06	5.71E-05	1.75E-04	0.00E+00	1.38E-06	0.00E+00	3.08E-06	7.58E-03	0.00E+00	0.00E+00	7.58E-03
1640	ALL		483175	3718275	NonCancei	0.00E+00	7.03E-06	0.00E+00	2.89E-06	2.89E-06	6.65E-05	2.04E-04	0.00E+00	1.63E-06	0.00E+00	2.89E-06	6.84E-03	0.00E+00	0.00E+00	6.84E-03
1641	ALL		483225	3718275	NonCancei	0.00E+00	8.35E-06	0.00E+00	2.62E-06	2.62E-06	7.82E-05	2.41E-04	0.00E+00	1.94E-06	0.00E+00	2.62E-06	5.76E-03	0.00E+00	0.00E+00	5.76E-03
1642	ALL		483275	3718275	NonCancei	0.00E+00	9.97E-06	0.00E+00	2.38E-06	2.38E-06	9.26E-05	2.87E-04	0.00E+00	2.31E-06	0.00E+00	2.38E-06	4.66E-03	0.00E+00	0.00E+00	4.66E-03
1643	ALL		483325	3718275	NonCancei	0.00E+00	1.17E-05	0.00E+00	1.88E-06	1.88E-06	1.08E-04	3.35E-04	0.00E+00	2.71E-06	0.00E+00	1.88E-06	2.88E-03	0.00E+00	0.00E+00	2.88E-03
1644	ALL		483375	3718275	NonCancei	0.00E+00	1.34E-05	0.00E+00	2.03E-06	2.03E-06	1.23E-04	3.81E-04	0.00E+00	3.10E-06	0.00E+00	2.03E-06	3.10E-03	0.00E+00	0.00E+00	3.10E-03
1645	ALL		483425	3718275	NonCancei	0.00E+00	1.42E-05	0.00E+00	2.19E-06	2.19E-06	1.31E-04	4.06E-04	0.00E+00	3.30E-06	0.00E+00	2.19E-06	3.32E-03	0.00E+00	0.00E+00	3.32E-03
1646	ALL		483475	3718275	NonCancei	0.00E+00	1.58E-05	0.00E+00	2.37E-06	2.37E-06	1.45E-04	4.49E-04	0.00E+00	3.66E-06	0.00E+00	2.37E-06	3.58E-03	0.00E+00	0.00E+00	3.58E-03
1647	ALL		483525	3718275	NonCancei	0.00E+00	1.73E-05	0.00E+00	2.55E-06	2.55E-06	1.59E-04	4.91E-04	0.00E+00	4.01E-06	0.00E+00	2.55E-06	3.81E-03	0.00E+00	0.00E+00	3.81E-03
1648	ALL		483575	3718275	NonCancei	0.00E+00	1.88E-05	0.00E+00	2.76E-06	2.76E-06	1.73E-04	5.32E-04	0.00E+00	4.35E-06	0.00E+00	2.76E-06	4.10E-03	0.00E+00	0.00E+00	4.10E-03
1649	ALL		483625	3718275	NonCancei	0.00E+00	2.04E-05	0.00E+00	3.05E-06	3.05E-06	1.88E-04	5.78E-04	0.00E+00	4.73E-06	0.00E+00	3.05E-06	4.54E-03	0.00E+00	0.00E+00	4.54E-03
1650	ALL		483675	3718275	NonCancei	0.00E+00	2.26E-05	0.00E+00	3.35E-06	3.35E-06	2.08E-04	6.40E-04	0.00E+00	5.24E-06	0.00E+00	3.35E-06	4.96E-03	0.00E+00	0.00E+00	4.96E-03
1651	ALL		483725	3718275	NonCancei	0.00E+00	2.49E-05	0.00E+00	3.70E-06	3.70E-06	2.29E-04	7.07E-04	0.00E+00	5.78E-06	0.00E+00	3.70E-06	5.45E-03	0.00E+00	0.00E+00	5.45E-03
1652	ALL		483775	3718275	NonCancei	0.00E+00	2.74E-05	0.00E+00	4.06E-06	4.06E-06	2.52E-04	7.80E-04	0.00E+00	6.35E-06	0.00E+00	4.06E-06	5.91E-03	0.00E+00	0.00E+00	5.91E-03
1653	ALL		483825	3718275	NonCancei	0.00E+00	3.00E-05	0.00E+00	4.80E-06	4.80E-06	2.77E-04	8.62E-04	0.00E+00	6.97E-06	0.00E+00	4.80E-06	7.40E-03	0.00E+00	0.00E+00	7.40E-03
1654	ALL		483875	3718275	NonCancei	0.00E+00	3.34E-05	0.00E+00	5.77E-06	5.77E-06	3.08E-04	9.66E-04	0.00E+00	7.75E-06	0.00E+00	5.77E-06	9.38E-03	0.00E+00	0.00E+00	9.38E-03
1655	ALL		483925	3718275	NonCancei	0.00E+00	3.74E-05	0.00E+00	6.26E-06	6.26E-06	3.45E-04	1.09E-03	0.00E+00	8.68E-06	0.00E+00	6.26E-06	9.92E-03	0.00E+00	0.00E+00	9.92E-03
1656	ALL		483975	3718275	NonCancei	0.00E+00	4.28E-05	0.00E+00	6.85E-06	6.85E-06	3.94E-04	1.28E-03	0.00E+00	9.93E-06	0.00E+00	6.85E-06	1.07E-02	0.00E+00	0.00E+00	1.07E-02
1657	ALL		484025	3718275	NonCancei	0.00E+00	5.28E-05	0.00E+00	7.70E-06	7.70E-06	4.86E-04	1.63E-03	0.00E+00	1.23E-05	0.00E+00	7.70E-06	1.21E-02	0.00E+00	0.00E+00	1.21E-02
1658	ALL		484075	3718275	NonCancei	0.00E+00	1.17E-04	0.00E+00	8.56E-06	8.56E-06	1.07E-03	4.08E-03	0.00E+00	2.71E-05	0.00E+00	8.56E-06	1.23E-02	0.00E+00	0.00E+00	1.23E-02
1659	ALL		484125	3718275	NonCancei	0.00E+00	6.36E-05	0.00E+00	8.42E-06	8.42E-06	5.84E-04	2.01E-03	0.00E+00	1.48E-05	0.00E+00	8.42E-06	1.24E-02	0.00E+00	0.00E+00	1.24E-02
1660	ALL		484175	3718275	NonCancei	0.00E+00	5.16E-05	0.00E+00	8.77E-06	8.77E-06	4.76E-04	1.54E-03	0.00E+00	1.20E-05	0.00E+00	8.77E-06	1.31E-02	0.00E+00	0.00E+00	1.31E-02
1661	ALL		484225	3718275	NonCancei	0.00E+00	4.79E-05	0.00E+00	8.89E-06	8.89E-06	4.42E-04	1.40E-03	0.00E+00	1.11E-05	0.00E+00	8.89E-06	1.32E-02	0.00E+00	0.00E+00	1.32E-02
1662	ALL		484275	3718275	NonCancei	0.00E+00	4.56E-05	0.00E+00	8.53E-06	8.53E-06	4.22E-04	1.31E-03	0.00E+00	1.06E-05	0.00E+00	8.53E-06	1.21E-02	0.00E+00	0.00E+00	1.21E-02
1663	ALL		484325	3718275	NonCancei	0.00E+00	4.36E-05	0.00E+00	1.03E-05	1.03E-05	4.05E-04	1.24E-03	0.00E+00	1.01E-05	0.00E+00	1.03E-05	1.74E-02	0.00E+00	0.00E+00	1.74E-02
1664	ALL		484375	3718275	NonCancei	0.00E+00	4.14E-05	0.00E+00	1.02E-05	1.02E-05	3.85E-04	1.17E-03	0.00E+00	9.61E-06	0.00E+00	1.02E-05	1.77E-02	0.00E+00	0.00E+00	1.77E-02
1665	ALL		484425	3718275	NonCancei	0.00E+00	3.91E-05	0.00E+00	8.32E-06	8.32E-06	3.62E-04	1.10E-03	0.00E+00	9.07E-06	0.00E+00	8.32E-06	1.29E-02	0.00E+00	0.00E+00	1.29E-02

*HARP - HRACalc v19044 3/19/2020 1:54:21 PM - Chronic Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitChronicHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1666	ALL		484475	3718275	NonCancei	0.00E+00	3.66E-05	0.00E+00	7.94E-06	7.94E-06	3.39E-04	1.03E-03	0.00E+00	8.50E-06	0.00E+00	7.94E-06	1.26E-02	0.00E+00	0.00E+00	1.26E-02
1667	ALL		484525	3718275	NonCancei	0.00E+00	3.41E-05	0.00E+00	6.90E-06	6.90E-06	3.16E-04	9.51E-04	0.00E+00	7.91E-06	0.00E+00	6.90E-06	1.04E-02	0.00E+00	0.00E+00	1.04E-02
1668	ALL		484575	3718275	NonCancei	0.00E+00	3.15E-05	0.00E+00	5.77E-06	5.77E-06	2.91E-04	8.78E-04	0.00E+00	7.32E-06	0.00E+00	5.77E-06	7.90E-03	0.00E+00	0.00E+00	7.90E-03
1669	ALL		484625	3718275	NonCancei	0.00E+00	2.90E-05	0.00E+00	5.91E-06	5.91E-06	2.69E-04	8.07E-04	0.00E+00	6.73E-06	0.00E+00	5.91E-06	9.03E-03	0.00E+00	0.00E+00	9.03E-03
1670	ALL		484675	3718275	NonCancei	0.00E+00	2.66E-05	0.00E+00	5.94E-06	5.94E-06	2.46E-04	7.39E-04	0.00E+00	6.16E-06	0.00E+00	5.94E-06	9.83E-03	0.00E+00	0.00E+00	9.83E-03
1671	ALL		484725	3718275	NonCancei	0.00E+00	2.44E-05	0.00E+00	5.45E-06	5.45E-06	2.26E-04	6.77E-04	0.00E+00	5.65E-06	0.00E+00	5.45E-06	9.08E-03	0.00E+00	0.00E+00	9.08E-03
1672	ALL		484775	3718275	NonCancei	0.00E+00	2.23E-05	0.00E+00	4.62E-06	4.62E-06	2.07E-04	6.20E-04	0.00E+00	5.18E-06	0.00E+00	4.62E-06	7.31E-03	0.00E+00	0.00E+00	7.31E-03
1673	ALL		484825	3718275	NonCancei	0.00E+00	2.05E-05	0.00E+00	3.73E-06	3.73E-06	1.89E-04	5.67E-04	0.00E+00	4.75E-06	0.00E+00	3.73E-06	5.32E-03	0.00E+00	0.00E+00	5.32E-03
1674	ALL		484875	3718275	NonCancei	0.00E+00	1.88E-05	0.00E+00	3.25E-06	3.25E-06	1.74E-04	5.21E-04	0.00E+00	4.37E-06	0.00E+00	3.25E-06	4.45E-03	0.00E+00	0.00E+00	4.45E-03
1675	ALL		484925	3718275	NonCancei	0.00E+00	1.72E-05	0.00E+00	2.94E-06	2.94E-06	1.58E-04	4.75E-04	0.00E+00	3.99E-06	0.00E+00	2.94E-06	4.07E-03	0.00E+00	0.00E+00	4.07E-03
1676	ALL		484975	3718275	NonCancei	0.00E+00	1.58E-05	0.00E+00	2.66E-06	2.66E-06	1.45E-04	4.36E-04	0.00E+00	3.66E-06	0.00E+00	2.66E-06	3.69E-03	0.00E+00	0.00E+00	3.69E-03
1677	ALL		485025	3718275	NonCancei	0.00E+00	1.45E-05	0.00E+00	2.43E-06	2.43E-06	1.34E-04	4.01E-04	0.00E+00	3.37E-06	0.00E+00	2.43E-06	3.39E-03	0.00E+00	0.00E+00	3.39E-03
1678	ALL		485075	3718275	NonCancei	0.00E+00	1.34E-05	0.00E+00	2.24E-06	2.24E-06	1.24E-04	3.70E-04	0.00E+00	3.11E-06	0.00E+00	2.24E-06	3.15E-03	0.00E+00	0.00E+00	3.15E-03
1679	ALL		485125	3718275	NonCancei	0.00E+00	1.24E-05	0.00E+00	2.10E-06	2.10E-06	1.14E-04	3.42E-04	0.00E+00	2.87E-06	0.00E+00	2.10E-06	3.05E-03	0.00E+00	0.00E+00	3.05E-03
1680	ALL		485175	3718275	NonCancei	0.00E+00	1.15E-05	0.00E+00	1.97E-06	1.97E-06	1.06E-04	3.17E-04	0.00E+00	2.66E-06	0.00E+00	1.97E-06	2.91E-03	0.00E+00	0.00E+00	2.91E-03
1681	ALL		485225	3718275	NonCancei	0.00E+00	1.06E-05	0.00E+00	1.83E-06	1.83E-06	9.81E-05	2.94E-04	0.00E+00	2.47E-06	0.00E+00	1.83E-06	2.74E-03	0.00E+00	0.00E+00	2.74E-03
1682	ALL		485275	3718275	NonCancei	0.00E+00	9.91E-06	0.00E+00	1.70E-06	1.70E-06	9.14E-05	2.74E-04	0.00E+00	2.30E-06	0.00E+00	1.70E-06	2.56E-03	0.00E+00	0.00E+00	2.56E-03
1683	ALL		485325	3718275	NonCancei	0.00E+00	9.26E-06	0.00E+00	1.58E-06	1.58E-06	8.54E-05	2.57E-04	0.00E+00	2.15E-06	0.00E+00	1.58E-06	2.37E-03	0.00E+00	0.00E+00	2.37E-03
1684	ALL		485375	3718275	NonCancei	0.00E+00	8.67E-06	0.00E+00	1.46E-06	1.46E-06	7.99E-05	2.40E-04	0.00E+00	2.01E-06	0.00E+00	1.46E-06	2.18E-03	0.00E+00	0.00E+00	2.18E-03
1685	ALL		485425	3718275	NonCancei	0.00E+00	8.12E-06	0.00E+00	1.34E-06	1.34E-06	7.49E-05	2.25E-04	0.00E+00	1.88E-06	0.00E+00	1.34E-06	1.99E-03	0.00E+00	0.00E+00	1.99E-03
1686	ALL		485475	3718275	NonCancei	0.00E+00	7.62E-06	0.00E+00	1.23E-06	1.23E-06	7.02E-05	2.11E-04	0.00E+00	1.77E-06	0.00E+00	1.23E-06	1.81E-03	0.00E+00	0.00E+00	1.81E-03
1687	ALL		482925	3718325	NonCancei	0.00E+00	3.39E-06	0.00E+00	2.42E-06	2.42E-06	3.31E-05	1.02E-04	0.00E+00	7.87E-07	0.00E+00	2.42E-06	6.26E-03	0.00E+00	0.00E+00	6.26E-03
1688	ALL		482975	3718325	NonCancei	0.00E+00	3.38E-06	0.00E+00	2.47E-06	2.47E-06	3.30E-05	1.02E-04	0.00E+00	7.84E-07	0.00E+00	2.47E-06	6.42E-03	0.00E+00	0.00E+00	6.42E-03
1689	ALL		483025	3718325	NonCancei	0.00E+00	3.68E-06	0.00E+00	2.59E-06	2.59E-06	3.59E-05	1.10E-04	0.00E+00	8.53E-07	0.00E+00	2.59E-06	6.71E-03	0.00E+00	0.00E+00	6.71E-03
1690	ALL		483075	3718325	NonCancei	0.00E+00	4.15E-06	0.00E+00	2.76E-06	2.76E-06	4.04E-05	1.23E-04	0.00E+00	9.64E-07	0.00E+00	2.76E-06	7.10E-03	0.00E+00	0.00E+00	7.10E-03
1691	ALL		483125	3718325	NonCancei	0.00E+00	4.85E-06	0.00E+00	3.07E-06	3.07E-06	4.70E-05	1.43E-04	0.00E+00	1.12E-06	0.00E+00	3.07E-06	7.84E-03	0.00E+00	0.00E+00	7.84E-03
1692	ALL		483175	3718325	NonCancei	0.00E+00	5.77E-06	0.00E+00	3.33E-06	3.33E-06	5.56E-05	1.69E-04	0.00E+00	1.34E-06	0.00E+00	3.33E-06	8.37E-03	0.00E+00	0.00E+00	8.37E-03
1693	ALL		483225	3718325	NonCancei	0.00E+00	7.15E-06	0.00E+00	3.21E-06	3.21E-06	6.79E-05	2.07E-04	0.00E+00	1.66E-06	0.00E+00	3.21E-06	7.76E-03	0.00E+00	0.00E+00	7.76E-03
1694	ALL		483275	3718325	NonCancei	0.00E+00	9.35E-06	0.00E+00	2.55E-06	2.55E-06	8.72E-05	2.69E-04	0.00E+00	2.17E-06	0.00E+00	2.55E-06	5.36E-03	0.00E+00	0.00E+00	5.36E-03
1695	ALL		483325	3718325	NonCancei	0.00E+00	1.08E-05	0.00E+00	2.44E-06	2.44E-06	9.98E-05	3.09E-04	0.00E+00	2.50E-06	0.00E+00	2.44E-06	4.70E-03	0.00E+00	0.00E+00	4.70E-03
1696	ALL		483375	3718325	NonCancei	0.00E+00	1.23E-05	0.00E+00	1.95E-06	1.95E-06	1.14E-04	3.53E-04	0.00E+00	2.86E-06	0.00E+00	1.95E-06	2.97E-03	0.00E+00	0.00E+00	2.97E-03
1697	ALL		483425	3718325	NonCancei	0.00E+00	1.34E-05	0.00E+00	2.36E-06	2.36E-06	1.23E-04	3.81E-04	0.00E+00	3.10E-06	0.00E+00	2.36E-06	3.95E-03	0.00E+00	0.00E+00	3.95E-03
1698	ALL		483475	3718325	NonCancei	0.00E+00	1.51E-05	0.00E+00	2.24E-06	2.24E-06	1.39E-04	4.29E-04	0.00E+00	3.50E-06	0.00E+00	2.24E-06	3.34E-03	0.00E+00	0.00E+00	3.34E-03
1699	ALL		483525	3718325	NonCancei	0.00E+00	1.63E-05	0.00E+00	2.45E-06	2.45E-06	1.50E-04	4.64E-04	0.00E+00	3.79E-06	0.00E+00	2.45E-06	3.68E-03	0.00E+00	0.00E+00	3.68E-03
1700	ALL		483575	3718325	NonCancei	0.00E+00	1.78E-05	0.00E+00	2.67E-06	2.67E-06	1.64E-04	5.04E-04	0.00E+00	4.12E-06	0.00E+00	2.67E-06	4.00E-03	0.00E+00	0.00E+00	4.00E-03
1701	ALL		483625	3718325	NonCancei	0.00E+00	1.94E-05	0.00E+00	3.15E-06	3.15E-06	1.79E-04	5.49E-04	0.00E+00	4.50E-06	0.00E+00	3.15E-06	5.06E-03	0.00E+00	0.00E+00	5.06E-03
1702	ALL		483675	3718325	NonCancei	0.00E+00	2.14E-05	0.00E+00	3.16E-06	3.16E-06	1.97E-04	6.05E-04	0.00E+00	4.97E-06	0.00E+00	3.16E-06	4.69E-03	0.00E+00	0.00E+00	4.69E-03
1703	ALL		483725	3718325	NonCancei	0.00E+00	2.35E-05	0.00E+00	3.47E-06	3.47E-06	2.16E-04	6.68E-04	0.00E+00	5.45E-06	0.00E+00	3.47E-06	5.12E-03	0.00E+00	0.00E+00	5.12E-03
1704	ALL		483775	3718325	NonCancei	0.00E+00	2.55E-05	0.00E+00	4.02E-06	4.02E-06	2.35E-04	7.29E-04	0.00E+00	5.91E-06	0.00E+00	4.02E-06	6.20E-03	0.00E+00	0.00E+00	6.20E-03
1705	ALL		483825	3718325	NonCancei	0.00E+00	2.76E-05	0.00E+00	4.71E-06	4.71E-06	2.54E-04	7.96E-04	0.00E+00	6.39E-06	0.00E+00	4.71E-06	7.64E-03	0.00E+00	0.00E+00	7.64E-03
1706	ALL		483875	3718325	NonCancei	0.00E+00	3.02E-05	0.00E+00	5.06E-06	5.06E-06	2.78E-04	8.80E-04	0.00E+00	7.01E-06	0.00E+00	5.06E-06	8.04E-03	0.00E+00	0.00E+00	8.04E-03
1707	ALL		483925	3718325	NonCancei	0.00E+00	3.35E-05	0.00E+00	5.45E-06	5.45E-06	3.09E-04	9.88E-04	0.00E+00	7.78E-06	0.00E+00	5.45E-06	8.48E-03	0.00E+00	0.00E+00	8.48E-03
1708	ALL		483975	3718325	NonCancei	0.00E+00	3.81E-05	0.00E+00	6.02E-06	6.02E-06	3.51E-04	1.15E-03	0.00E+00	8.85E-06	0.00E+00	6.02E-06	9.37E-03	0.00E+00	0.00E+00	9.37E-03
1709	ALL		484025	3718325	NonCancei	0.00E+00	4.67E-05	0.00E+00	6.38E-06	6.38E-06	4.29E-04	1.46E-03	0.00E+00	1.08E-05	0.00E+00	6.38E-06	9.63E-03	0.00E+00	0.00E+00	9.63E-03
1710	ALL		484075	3718325	NonCancei	0.00E+00	1.01E-04	0.00E+00	7.29E-06	7.29E-06	9.21E-04	3.53E-03	0.00E+00	2.34E-05	0.00E+00	7.29E-06	1.05E-02	0.00E+00	0.00E+00	1.05E-02

*HARP - HRACalc v19044 3/19/2020 1:54:21 PM - Chronic Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitChronicHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1711	ALL		484125	3718325	NonCancer	0.00E+00	5.92E-05	0.00E+00	7.03E-06	7.03E-06	5.43E-04	1.92E-03	0.00E+00	1.37E-05	0.00E+00	7.03E-06	1.02E-02	0.00E+00	0.00E+00	1.02E-02
1712	ALL		484175	3718325	NonCancer	0.00E+00	4.57E-05	0.00E+00	7.22E-06	7.22E-06	4.21E-04	1.38E-03	0.00E+00	1.06E-05	0.00E+00	7.22E-06	1.07E-02	0.00E+00	0.00E+00	1.07E-02
1713	ALL		484225	3718325	NonCancer	0.00E+00	4.17E-05	0.00E+00	7.37E-06	7.37E-06	3.85E-04	1.23E-03	0.00E+00	9.68E-06	0.00E+00	7.37E-06	1.10E-02	0.00E+00	0.00E+00	1.10E-02
1714	ALL		484275	3718325	NonCancer	0.00E+00	3.95E-05	0.00E+00	7.01E-06	7.01E-06	3.64E-04	1.14E-03	0.00E+00	9.15E-06	0.00E+00	7.01E-06	9.95E-03	0.00E+00	0.00E+00	9.95E-03
1715	ALL		484325	3718325	NonCancer	0.00E+00	3.76E-05	0.00E+00	8.28E-06	8.28E-06	3.49E-04	1.08E-03	0.00E+00	8.72E-06	0.00E+00	8.28E-06	1.37E-02	0.00E+00	0.00E+00	1.37E-02
1716	ALL		484375	3718325	NonCancer	0.00E+00	3.58E-05	0.00E+00	8.65E-06	8.65E-06	3.33E-04	1.02E-03	0.00E+00	8.31E-06	0.00E+00	8.65E-06	1.51E-02	0.00E+00	0.00E+00	1.51E-02
1717	ALL		484425	3718325	NonCancer	0.00E+00	3.39E-05	0.00E+00	7.22E-06	7.22E-06	3.14E-04	9.60E-04	0.00E+00	7.87E-06	0.00E+00	7.22E-06	1.15E-02	0.00E+00	0.00E+00	1.15E-02
1718	ALL		484475	3718325	NonCancer	0.00E+00	3.20E-05	0.00E+00	6.64E-06	6.64E-06	2.97E-04	9.02E-04	0.00E+00	7.43E-06	0.00E+00	6.64E-06	1.04E-02	0.00E+00	0.00E+00	1.04E-02
1719	ALL		484525	3718325	NonCancer	0.00E+00	3.00E-05	0.00E+00	6.27E-06	6.27E-06	2.78E-04	8.43E-04	0.00E+00	6.97E-06	0.00E+00	6.27E-06	9.88E-03	0.00E+00	0.00E+00	9.88E-03
1720	ALL		484575	3718325	NonCancer	0.00E+00	2.80E-05	0.00E+00	5.23E-06	5.23E-06	2.59E-04	7.84E-04	0.00E+00	6.50E-06	0.00E+00	5.23E-06	7.49E-03	0.00E+00	0.00E+00	7.49E-03
1721	ALL		484625	3718325	NonCancer	0.00E+00	2.61E-05	0.00E+00	4.67E-06	4.67E-06	2.41E-04	7.27E-04	0.00E+00	6.05E-06	0.00E+00	4.67E-06	6.44E-03	0.00E+00	0.00E+00	6.44E-03
1722	ALL		484675	3718325	NonCancer	0.00E+00	2.41E-05	0.00E+00	4.82E-06	4.82E-06	2.23E-04	6.72E-04	0.00E+00	5.59E-06	0.00E+00	4.82E-06	7.41E-03	0.00E+00	0.00E+00	7.41E-03
1723	ALL		484725	3718325	NonCancer	0.00E+00	2.22E-05	0.00E+00	4.87E-06	4.87E-06	2.06E-04	6.19E-04	0.00E+00	5.15E-06	0.00E+00	4.87E-06	8.07E-03	0.00E+00	0.00E+00	8.07E-03
1724	ALL		484775	3718325	NonCancer	0.00E+00	2.06E-05	0.00E+00	4.56E-06	4.56E-06	1.91E-04	5.74E-04	0.00E+00	4.78E-06	0.00E+00	4.56E-06	7.66E-03	0.00E+00	0.00E+00	7.66E-03
1725	ALL		484825	3718325	NonCancer	0.00E+00	1.91E-05	0.00E+00	3.98E-06	3.98E-06	1.77E-04	5.32E-04	0.00E+00	4.44E-06	0.00E+00	3.98E-06	6.40E-03	0.00E+00	0.00E+00	6.40E-03
1726	ALL		484875	3718325	NonCancer	0.00E+00	1.77E-05	0.00E+00	3.29E-06	3.29E-06	1.63E-04	4.92E-04	0.00E+00	4.10E-06	0.00E+00	3.29E-06	4.85E-03	0.00E+00	0.00E+00	4.85E-03
1727	ALL		484925	3718325	NonCancer	0.00E+00	1.64E-05	0.00E+00	2.82E-06	2.82E-06	1.51E-04	4.55E-04	0.00E+00	3.81E-06	0.00E+00	2.82E-06	3.90E-03	0.00E+00	0.00E+00	3.90E-03
1728	ALL		484975	3718325	NonCancer	0.00E+00	1.52E-05	0.00E+00	2.61E-06	2.61E-06	1.40E-04	4.22E-04	0.00E+00	3.53E-06	0.00E+00	2.61E-06	3.64E-03	0.00E+00	0.00E+00	3.64E-03
1729	ALL		485025	3718325	NonCancer	0.00E+00	1.41E-05	0.00E+00	2.39E-06	2.39E-06	1.30E-04	3.90E-04	0.00E+00	3.27E-06	0.00E+00	2.39E-06	3.34E-03	0.00E+00	0.00E+00	3.34E-03
1730	ALL		485075	3718325	NonCancer	0.00E+00	1.30E-05	0.00E+00	2.19E-06	2.19E-06	1.20E-04	3.61E-04	0.00E+00	3.02E-06	0.00E+00	2.19E-06	3.09E-03	0.00E+00	0.00E+00	3.09E-03
1731	ALL		485125	3718325	NonCancer	0.00E+00	1.20E-05	0.00E+00	2.01E-06	2.01E-06	1.11E-04	3.34E-04	0.00E+00	2.79E-06	0.00E+00	2.01E-06	2.84E-03	0.00E+00	0.00E+00	2.84E-03
1732	ALL		485175	3718325	NonCancer	0.00E+00	1.11E-05	0.00E+00	1.84E-06	1.84E-06	1.03E-04	3.09E-04	0.00E+00	2.58E-06	0.00E+00	1.84E-06	2.60E-03	0.00E+00	0.00E+00	2.60E-03
1733	ALL		485225	3718325	NonCancer	0.00E+00	1.04E-05	0.00E+00	1.72E-06	1.72E-06	9.57E-05	2.88E-04	0.00E+00	2.41E-06	0.00E+00	1.72E-06	2.48E-03	0.00E+00	0.00E+00	2.48E-03
1734	ALL		485275	3718325	NonCancer	0.00E+00	9.70E-06	0.00E+00	1.63E-06	1.63E-06	8.94E-05	2.69E-04	0.00E+00	2.25E-06	0.00E+00	1.63E-06	2.39E-03	0.00E+00	0.00E+00	2.39E-03
1735	ALL		485325	3718325	NonCancer	0.00E+00	9.08E-06	0.00E+00	1.53E-06	1.53E-06	8.37E-05	2.52E-04	0.00E+00	2.11E-06	0.00E+00	1.53E-06	2.28E-03	0.00E+00	0.00E+00	2.28E-03
1736	ALL		485375	3718325	NonCancer	0.00E+00	8.51E-06	0.00E+00	1.44E-06	1.44E-06	7.84E-05	2.36E-04	0.00E+00	1.97E-06	0.00E+00	1.44E-06	2.15E-03	0.00E+00	0.00E+00	2.15E-03
1737	ALL		485425	3718325	NonCancer	0.00E+00	8.03E-06	0.00E+00	1.35E-06	1.35E-06	7.40E-05	2.23E-04	0.00E+00	1.86E-06	0.00E+00	1.35E-06	2.03E-03	0.00E+00	0.00E+00	2.03E-03
1738	ALL		485475	3718325	NonCancer	0.00E+00	7.51E-06	0.00E+00	1.25E-06	1.25E-06	6.92E-05	2.09E-04	0.00E+00	1.74E-06	0.00E+00	1.25E-06	1.88E-03	0.00E+00	0.00E+00	1.88E-03
1739	ALL		482925	3718375	NonCancer	0.00E+00	3.47E-06	0.00E+00	2.43E-06	2.43E-06	3.39E-05	1.04E-04	0.00E+00	8.06E-07	0.00E+00	2.43E-06	6.27E-03	0.00E+00	0.00E+00	6.27E-03
1740	ALL		482975	3718375	NonCancer	0.00E+00	3.25E-06	0.00E+00	2.45E-06	2.45E-06	3.18E-05	9.76E-05	0.00E+00	7.53E-07	0.00E+00	2.45E-06	6.39E-03	0.00E+00	0.00E+00	6.39E-03
1741	ALL		483025	3718375	NonCancer	0.00E+00	3.33E-06	0.00E+00	2.61E-06	2.61E-06	3.27E-05	9.98E-05	0.00E+00	7.72E-07	0.00E+00	2.61E-06	6.85E-03	0.00E+00	0.00E+00	6.85E-03
1742	ALL		483075	3718375	NonCancer	0.00E+00	3.73E-06	0.00E+00	2.69E-06	2.69E-06	3.65E-05	1.11E-04	0.00E+00	8.66E-07	0.00E+00	2.69E-06	7.03E-03	0.00E+00	0.00E+00	7.03E-03
1743	ALL		483125	3718375	NonCancer	0.00E+00	4.33E-06	0.00E+00	2.81E-06	2.81E-06	4.20E-05	1.28E-04	0.00E+00	1.00E-06	0.00E+00	2.81E-06	7.24E-03	0.00E+00	0.00E+00	7.24E-03
1744	ALL		483175	3718375	NonCancer	0.00E+00	5.20E-06	0.00E+00	3.15E-06	3.15E-06	5.02E-05	1.52E-04	0.00E+00	1.21E-06	0.00E+00	3.15E-06	8.04E-03	0.00E+00	0.00E+00	8.04E-03
1745	ALL		483225	3718375	NonCancer	0.00E+00	6.66E-06	0.00E+00	3.32E-06	3.32E-06	6.36E-05	1.93E-04	0.00E+00	1.54E-06	0.00E+00	3.32E-06	8.22E-03	0.00E+00	0.00E+00	8.22E-03
1746	ALL		483275	3718375	NonCancer	0.00E+00	8.18E-06	0.00E+00	3.13E-06	3.13E-06	7.72E-05	2.35E-04	0.00E+00	1.90E-06	0.00E+00	3.13E-06	7.37E-03	0.00E+00	0.00E+00	7.37E-03
1747	ALL		483325	3718375	NonCancer	0.00E+00	1.02E-05	0.00E+00	2.64E-06	2.64E-06	9.52E-05	2.92E-04	0.00E+00	2.37E-06	0.00E+00	2.64E-06	5.48E-03	0.00E+00	0.00E+00	5.48E-03
1748	ALL		483375	3718375	NonCancer	0.00E+00	1.17E-05	0.00E+00	2.47E-06	2.47E-06	1.08E-04	3.34E-04	0.00E+00	2.71E-06	0.00E+00	2.47E-06	4.65E-03	0.00E+00	0.00E+00	4.65E-03
1749	ALL		483425	3718375	NonCancer	0.00E+00	1.30E-05	0.00E+00	2.38E-06	2.38E-06	1.20E-04	3.72E-04	0.00E+00	3.02E-06	0.00E+00	2.38E-06	4.12E-03	0.00E+00	0.00E+00	4.12E-03
1750	ALL		483475	3718375	NonCancer	0.00E+00	1.44E-05	0.00E+00	2.18E-06	2.18E-06	1.32E-04	4.10E-04	0.00E+00	3.34E-06	0.00E+00	2.18E-06	3.31E-03	0.00E+00	0.00E+00	3.31E-03
1751	ALL		483525	3718375	NonCancer	0.00E+00	1.54E-05	0.00E+00	3.01E-06	3.01E-06	1.42E-04	4.36E-04	0.00E+00	3.57E-06	0.00E+00	3.01E-06	5.52E-03	0.00E+00	0.00E+00	5.52E-03
1752	ALL		483575	3718375	NonCancer	0.00E+00	1.70E-05	0.00E+00	3.22E-06	3.22E-06	1.57E-04	4.79E-04	0.00E+00	3.93E-06	0.00E+00	3.22E-06	5.82E-03	0.00E+00	0.00E+00	5.82E-03
1753	ALL		483625	3718375	NonCancer	0.00E+00	1.87E-05	0.00E+00	3.47E-06	3.47E-06	1.73E-04	5.26E-04	0.00E+00	4.33E-06	0.00E+00	3.47E-06	6.21E-03	0.00E+00	0.00E+00	6.21E-03
1754	ALL		483675	3718375	NonCancer	0.00E+00	2.06E-05	0.00E+00	2.98E-06	2.98E-06	1.89E-04	5.80E-04	0.00E+00	4.77E-06	0.00E+00	2.98E-06	4.44E-03	0.00E+00	0.00E+00	4.44E-03
1755	ALL		483725	3718375	NonCancer	0.00E+00	2.22E-05	0.00E+00	3.41E-06	3.41E-06	2.04E-04	6.32E-04	0.00E+00	5.14E-06	0.00E+00	3.41E-06	5.27E-03	0.00E+00	0.00E+00	5.27E-03

*HARP - HRACalc v19044 3/19/2020 1:54:21 PM - Chronic Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitChronicHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1756	ALL		483775	3718375	NonCancer	0.00E+00	2.38E-05	0.00E+00	3.94E-06	3.94E-06	2.19E-04	6.84E-04	0.00E+00	5.52E-06	0.00E+00	3.94E-06	6.36E-03	0.00E+00	0.00E+00	6.36E-03
1757	ALL		483825	3718375	NonCancer	0.00E+00	2.54E-05	0.00E+00	4.20E-06	4.20E-06	2.34E-04	7.37E-04	0.00E+00	5.89E-06	0.00E+00	4.20E-06	6.66E-03	0.00E+00	0.00E+00	6.66E-03
1758	ALL		483875	3718375	NonCancer	0.00E+00	2.76E-05	0.00E+00	4.42E-06	4.42E-06	2.54E-04	8.09E-04	0.00E+00	6.40E-06	0.00E+00	4.42E-06	6.81E-03	0.00E+00	0.00E+00	6.81E-03
1759	ALL		483925	3718375	NonCancer	0.00E+00	3.04E-05	0.00E+00	4.89E-06	4.89E-06	2.80E-04	9.03E-04	0.00E+00	7.06E-06	0.00E+00	4.89E-06	7.62E-03	0.00E+00	0.00E+00	7.62E-03
1760	ALL		483975	3718375	NonCancer	0.00E+00	3.44E-05	0.00E+00	5.31E-06	5.31E-06	3.17E-04	1.04E-03	0.00E+00	7.99E-06	0.00E+00	5.31E-06	8.26E-03	0.00E+00	0.00E+00	8.26E-03
1761	ALL		484025	3718375	NonCancer	0.00E+00	4.21E-05	0.00E+00	5.24E-06	5.24E-06	3.87E-04	1.33E-03	0.00E+00	9.78E-06	0.00E+00	5.24E-06	7.48E-03	0.00E+00	0.00E+00	7.48E-03
1762	ALL		484075	3718375	NonCancer	0.00E+00	9.58E-05	0.00E+00	6.53E-06	6.53E-06	8.73E-04	3.38E-03	0.00E+00	2.22E-05	0.00E+00	6.53E-06	9.59E-03	0.00E+00	0.00E+00	9.59E-03
1763	ALL		484125	3718375	NonCancer	0.00E+00	5.64E-05	0.00E+00	6.18E-06	6.18E-06	5.17E-04	1.86E-03	0.00E+00	1.31E-05	0.00E+00	6.18E-06	9.13E-03	0.00E+00	0.00E+00	9.13E-03
1764	ALL		484175	3718375	NonCancer	0.00E+00	4.12E-05	0.00E+00	6.00E-06	6.00E-06	3.79E-04	1.27E-03	0.00E+00	9.56E-06	0.00E+00	6.00E-06	8.71E-03	0.00E+00	0.00E+00	8.71E-03
1765	ALL		484225	3718375	NonCancer	0.00E+00	3.70E-05	0.00E+00	6.22E-06	6.22E-06	3.41E-04	1.10E-03	0.00E+00	8.59E-06	0.00E+00	6.22E-06	9.29E-03	0.00E+00	0.00E+00	9.29E-03
1766	ALL		484275	3718375	NonCancer	0.00E+00	3.47E-05	0.00E+00	5.87E-06	5.87E-06	3.20E-04	1.02E-03	0.00E+00	8.06E-06	0.00E+00	5.87E-06	8.32E-03	0.00E+00	0.00E+00	8.32E-03
1767	ALL		484325	3718375	NonCancer	0.00E+00	3.30E-05	0.00E+00	6.77E-06	6.77E-06	3.05E-04	9.54E-04	0.00E+00	7.65E-06	0.00E+00	6.77E-06	1.10E-02	0.00E+00	0.00E+00	1.10E-02
1768	ALL		484375	3718375	NonCancer	0.00E+00	3.14E-05	0.00E+00	7.33E-06	7.33E-06	2.92E-04	9.02E-04	0.00E+00	7.29E-06	0.00E+00	7.33E-06	1.28E-02	0.00E+00	0.00E+00	1.28E-02
1769	ALL		484425	3718375	NonCancer	0.00E+00	2.99E-05	0.00E+00	6.50E-06	6.50E-06	2.77E-04	8.52E-04	0.00E+00	6.94E-06	0.00E+00	6.50E-06	1.08E-02	0.00E+00	0.00E+00	1.08E-02
1770	ALL		484475	3718375	NonCancer	0.00E+00	2.84E-05	0.00E+00	5.62E-06	5.62E-06	2.63E-04	8.04E-04	0.00E+00	6.59E-06	0.00E+00	5.62E-06	8.65E-03	0.00E+00	0.00E+00	8.65E-03
1771	ALL		484525	3718375	NonCancer	0.00E+00	2.67E-05	0.00E+00	5.50E-06	5.50E-06	2.48E-04	7.54E-04	0.00E+00	6.20E-06	0.00E+00	5.50E-06	8.74E-03	0.00E+00	0.00E+00	8.74E-03
1772	ALL		484575	3718375	NonCancer	0.00E+00	2.51E-05	0.00E+00	4.94E-06	4.94E-06	2.32E-04	7.06E-04	0.00E+00	5.83E-06	0.00E+00	4.94E-06	7.59E-03	0.00E+00	0.00E+00	7.59E-03
1773	ALL		484625	3718375	NonCancer	0.00E+00	2.35E-05	0.00E+00	4.12E-06	4.12E-06	2.17E-04	6.59E-04	0.00E+00	5.46E-06	0.00E+00	4.12E-06	5.66E-03	0.00E+00	0.00E+00	5.66E-03
1774	ALL		484675	3718375	NonCancer	0.00E+00	2.20E-05	0.00E+00	3.85E-06	3.85E-06	2.03E-04	6.14E-04	0.00E+00	5.10E-06	0.00E+00	3.85E-06	5.33E-03	0.00E+00	0.00E+00	5.33E-03
1775	ALL		484725	3718375	NonCancer	0.00E+00	2.05E-05	0.00E+00	4.01E-06	4.01E-06	1.89E-04	5.72E-04	0.00E+00	4.75E-06	0.00E+00	4.01E-06	6.20E-03	0.00E+00	0.00E+00	6.20E-03
1776	ALL		484775	3718375	NonCancer	0.00E+00	1.91E-05	0.00E+00	4.11E-06	4.11E-06	1.77E-04	5.34E-04	0.00E+00	4.43E-06	0.00E+00	4.11E-06	6.83E-03	0.00E+00	0.00E+00	6.83E-03
1777	ALL		484825	3718375	NonCancer	0.00E+00	1.78E-05	0.00E+00	3.90E-06	3.90E-06	1.65E-04	4.98E-04	0.00E+00	4.14E-06	0.00E+00	3.90E-06	6.58E-03	0.00E+00	0.00E+00	6.58E-03
1778	ALL		484875	3718375	NonCancer	0.00E+00	1.66E-05	0.00E+00	3.45E-06	3.45E-06	1.54E-04	4.63E-04	0.00E+00	3.85E-06	0.00E+00	3.45E-06	5.64E-03	0.00E+00	0.00E+00	5.64E-03
1779	ALL		484925	3718375	NonCancer	0.00E+00	1.55E-05	0.00E+00	2.93E-06	2.93E-06	1.44E-04	4.33E-04	0.00E+00	3.60E-06	0.00E+00	2.93E-06	4.44E-03	0.00E+00	0.00E+00	4.44E-03
1780	ALL		484975	3718375	NonCancer	0.00E+00	1.46E-05	0.00E+00	2.52E-06	2.52E-06	1.34E-04	4.05E-04	0.00E+00	3.38E-06	0.00E+00	2.52E-06	3.55E-03	0.00E+00	0.00E+00	3.55E-03
1781	ALL		485025	3718375	NonCancer	0.00E+00	1.36E-05	0.00E+00	2.34E-06	2.34E-06	1.25E-04	3.78E-04	0.00E+00	3.15E-06	0.00E+00	2.34E-06	3.31E-03	0.00E+00	0.00E+00	3.31E-03
1782	ALL		485075	3718375	NonCancer	0.00E+00	1.26E-05	0.00E+00	2.15E-06	2.15E-06	1.16E-04	3.51E-04	0.00E+00	2.93E-06	0.00E+00	2.15E-06	3.05E-03	0.00E+00	0.00E+00	3.05E-03
1783	ALL		485125	3718375	NonCancer	0.00E+00	1.17E-05	0.00E+00	1.95E-06	1.95E-06	1.07E-04	3.24E-04	0.00E+00	2.70E-06	0.00E+00	1.95E-06	2.75E-03	0.00E+00	0.00E+00	2.75E-03
1784	ALL		485175	3718375	NonCancer	0.00E+00	1.08E-05	0.00E+00	1.80E-06	1.80E-06	9.98E-05	3.01E-04	0.00E+00	2.51E-06	0.00E+00	1.80E-06	2.56E-03	0.00E+00	0.00E+00	2.56E-03
1785	ALL		485225	3718375	NonCancer	0.00E+00	1.01E-05	0.00E+00	1.67E-06	1.67E-06	9.32E-05	2.81E-04	0.00E+00	2.35E-06	0.00E+00	1.67E-06	2.38E-03	0.00E+00	0.00E+00	2.38E-03
1786	ALL		485275	3718375	NonCancer	0.00E+00	9.47E-06	0.00E+00	1.56E-06	1.56E-06	8.73E-05	2.63E-04	0.00E+00	2.20E-06	0.00E+00	1.56E-06	2.23E-03	0.00E+00	0.00E+00	2.23E-03
1787	ALL		485325	3718375	NonCancer	0.00E+00	8.90E-06	0.00E+00	1.46E-06	1.46E-06	8.20E-05	2.47E-04	0.00E+00	2.06E-06	0.00E+00	1.46E-06	2.10E-03	0.00E+00	0.00E+00	2.10E-03
1788	ALL		485375	3718375	NonCancer	0.00E+00	8.48E-06	0.00E+00	1.40E-06	1.40E-06	7.81E-05	2.36E-04	0.00E+00	1.97E-06	0.00E+00	1.40E-06	2.05E-03	0.00E+00	0.00E+00	2.05E-03
1789	ALL		485425	3718375	NonCancer	0.00E+00	8.00E-06	0.00E+00	1.33E-06	1.33E-06	7.37E-05	2.22E-04	0.00E+00	1.86E-06	0.00E+00	1.33E-06	1.95E-03	0.00E+00	0.00E+00	1.95E-03
1790	ALL		485475	3718375	NonCancer	0.00E+00	7.47E-06	0.00E+00	1.24E-06	1.24E-06	6.89E-05	2.08E-04	0.00E+00	1.73E-06	0.00E+00	1.24E-06	1.85E-03	0.00E+00	0.00E+00	1.85E-03
1791	ALL		482925	3718425	NonCancer	0.00E+00	3.63E-06	0.00E+00	2.50E-06	2.50E-06	3.53E-05	1.08E-04	0.00E+00	8.42E-07	0.00E+00	2.50E-06	6.44E-03	0.00E+00	0.00E+00	6.44E-03
1792	ALL		482975	3718425	NonCancer	0.00E+00	3.47E-06	0.00E+00	2.41E-06	2.41E-06	3.38E-05	1.03E-04	0.00E+00	8.05E-07	0.00E+00	2.41E-06	6.25E-03	0.00E+00	0.00E+00	6.25E-03
1793	ALL		483025	3718425	NonCancer	0.00E+00	3.42E-06	0.00E+00	2.52E-06	2.52E-06	3.35E-05	1.02E-04	0.00E+00	7.94E-07	0.00E+00	2.52E-06	6.61E-03	0.00E+00	0.00E+00	6.61E-03
1794	ALL		483075	3718425	NonCancer	0.00E+00	3.55E-06	0.00E+00	2.72E-06	2.72E-06	3.48E-05	1.05E-04	0.00E+00	8.23E-07	0.00E+00	2.72E-06	7.17E-03	0.00E+00	0.00E+00	7.17E-03
1795	ALL		483125	3718425	NonCancer	0.00E+00	4.05E-06	0.00E+00	2.68E-06	2.68E-06	3.94E-05	1.19E-04	0.00E+00	9.40E-07	0.00E+00	2.68E-06	6.96E-03	0.00E+00	0.00E+00	6.96E-03
1796	ALL		483175	3718425	NonCancer	0.00E+00	4.86E-06	0.00E+00	2.94E-06	2.94E-06	4.69E-05	1.42E-04	0.00E+00	1.13E-06	0.00E+00	2.94E-06	7.55E-03	0.00E+00	0.00E+00	7.55E-03
1797	ALL		483225	3718425	NonCancer	0.00E+00	5.95E-06	0.00E+00	3.30E-06	3.30E-06	5.72E-05	1.72E-04	0.00E+00	1.38E-06	0.00E+00	3.30E-06	8.34E-03	0.00E+00	0.00E+00	8.34E-03
1798	ALL		483275	3718425	NonCancer	0.00E+00	7.63E-06	0.00E+00	3.37E-06	3.37E-06	7.24E-05	2.19E-04	0.00E+00	1.77E-06	0.00E+00	3.37E-06	8.19E-03	0.00E+00	0.00E+00	8.19E-03
1799	ALL		483325	3718425	NonCancer	0.00E+00	9.27E-06	0.00E+00	3.06E-06	3.06E-06	8.70E-05	2.64E-04	0.00E+00	2.15E-06	0.00E+00	3.06E-06	7.01E-03	0.00E+00	0.00E+00	7.01E-03
1800	ALL		483375	3718425	NonCancer	0.00E+00	1.09E-05	0.00E+00	2.87E-06	2.87E-06	1.02E-04	3.10E-04	0.00E+00	2.54E-06	0.00E+00	2.87E-06	6.08E-03	0.00E+00	0.00E+00	6.08E-03

*HARP - HRACalc v19044 3/19/2020 1:54:21 PM - Chronic Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitChronicHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1801	ALL		483425	3718425	NonCancei	0.00E+00	1.22E-05	0.00E+00	2.92E-06	2.92E-06	1.13E-04	3.45E-04	0.00E+00	2.83E-06	0.00E+00	2.92E-06	5.98E-03	0.00E+00	0.00E+00	5.98E-03
1802	ALL		483475	3718425	NonCancei	0.00E+00	1.39E-05	0.00E+00	2.47E-06	2.47E-06	1.29E-04	3.96E-04	0.00E+00	3.23E-06	0.00E+00	2.47E-06	4.29E-03	0.00E+00	0.00E+00	4.29E-03
1803	ALL		483525	3718425	NonCancei	0.00E+00	1.42E-05	0.00E+00	3.79E-06	3.79E-06	1.33E-04	3.98E-04	0.00E+00	3.30E-06	0.00E+00	3.79E-06	8.18E-03	0.00E+00	0.00E+00	8.18E-03
1804	ALL		483575	3718425	NonCancei	0.00E+00	1.60E-05	0.00E+00	3.88E-06	3.88E-06	1.49E-04	4.46E-04	0.00E+00	3.71E-06	0.00E+00	3.88E-06	8.08E-03	0.00E+00	0.00E+00	8.08E-03
1805	ALL		483625	3718425	NonCancei	0.00E+00	1.81E-05	0.00E+00	3.74E-06	3.74E-06	1.68E-04	5.08E-04	0.00E+00	4.20E-06	0.00E+00	3.74E-06	7.16E-03	0.00E+00	0.00E+00	7.16E-03
1806	ALL		483675	3718425	NonCancei	0.00E+00	1.97E-05	0.00E+00	3.13E-06	3.13E-06	1.82E-04	5.58E-04	0.00E+00	4.58E-06	0.00E+00	3.13E-06	5.09E-03	0.00E+00	0.00E+00	5.09E-03
1807	ALL		483725	3718425	NonCancei	0.00E+00	2.10E-05	0.00E+00	3.35E-06	3.35E-06	1.93E-04	5.99E-04	0.00E+00	4.86E-06	0.00E+00	3.35E-06	5.40E-03	0.00E+00	0.00E+00	5.40E-03
1808	ALL		483775	3718425	NonCancei	0.00E+00	2.22E-05	0.00E+00	3.55E-06	3.55E-06	2.04E-04	6.41E-04	0.00E+00	5.15E-06	0.00E+00	3.55E-06	5.62E-03	0.00E+00	0.00E+00	5.62E-03
1809	ALL		483825	3718425	NonCancei	0.00E+00	2.34E-05	0.00E+00	3.65E-06	3.65E-06	2.15E-04	6.83E-04	0.00E+00	5.43E-06	0.00E+00	3.65E-06	5.54E-03	0.00E+00	0.00E+00	5.54E-03
1810	ALL		483875	3718425	NonCancei	0.00E+00	2.54E-05	0.00E+00	4.11E-06	4.11E-06	2.34E-04	7.48E-04	0.00E+00	5.88E-06	0.00E+00	4.11E-06	6.46E-03	0.00E+00	0.00E+00	6.46E-03
1811	ALL		483925	3718425	NonCancei	0.00E+00	2.79E-05	0.00E+00	4.43E-06	4.43E-06	2.57E-04	8.34E-04	0.00E+00	6.48E-06	0.00E+00	4.43E-06	6.95E-03	0.00E+00	0.00E+00	6.95E-03
1812	ALL		483975	3718425	NonCancei	0.00E+00	3.14E-05	0.00E+00	4.42E-06	4.42E-06	2.89E-04	9.60E-04	0.00E+00	7.29E-06	0.00E+00	4.42E-06	6.51E-03	0.00E+00	0.00E+00	6.51E-03
1813	ALL		484025	3718425	NonCancei	0.00E+00	3.84E-05	0.00E+00	4.66E-06	4.66E-06	3.53E-04	1.22E-03	0.00E+00	8.92E-06	0.00E+00	4.66E-06	6.72E-03	0.00E+00	0.00E+00	6.72E-03
1814	ALL		484075	3718425	NonCancei	0.00E+00	9.22E-05	0.00E+00	5.81E-06	5.81E-06	8.41E-04	3.28E-03	0.00E+00	2.14E-05	0.00E+00	5.81E-06	8.55E-03	0.00E+00	0.00E+00	8.55E-03
1815	ALL		484125	3718425	NonCancei	0.00E+00	5.49E-05	0.00E+00	5.46E-06	5.46E-06	5.02E-04	1.84E-03	0.00E+00	1.27E-05	0.00E+00	5.46E-06	8.12E-03	0.00E+00	0.00E+00	8.12E-03
1816	ALL		484175	3718425	NonCancei	0.00E+00	3.78E-05	0.00E+00	5.15E-06	5.15E-06	3.47E-04	1.18E-03	0.00E+00	8.77E-06	0.00E+00	5.15E-06	7.47E-03	0.00E+00	0.00E+00	7.47E-03
1817	ALL		484225	3718425	NonCancei	0.00E+00	3.33E-05	0.00E+00	5.32E-06	5.32E-06	3.07E-04	1.00E-03	0.00E+00	7.73E-06	0.00E+00	5.32E-06	7.95E-03	0.00E+00	0.00E+00	7.95E-03
1818	ALL		484275	3718425	NonCancei	0.00E+00	3.10E-05	0.00E+00	4.99E-06	4.99E-06	2.86E-04	9.16E-04	0.00E+00	7.20E-06	0.00E+00	4.99E-06	7.06E-03	0.00E+00	0.00E+00	7.06E-03
1819	ALL		484325	3718425	NonCancei	0.00E+00	2.94E-05	0.00E+00	5.62E-06	5.62E-06	2.72E-04	8.56E-04	0.00E+00	6.82E-06	0.00E+00	5.62E-06	8.94E-03	0.00E+00	0.00E+00	8.94E-03
1820	ALL		484375	3718425	NonCancei	0.00E+00	2.80E-05	0.00E+00	6.24E-06	6.24E-06	2.59E-04	8.08E-04	0.00E+00	6.49E-06	0.00E+00	6.24E-06	1.09E-02	0.00E+00	0.00E+00	1.09E-02
1821	ALL		484425	3718425	NonCancei	0.00E+00	2.67E-05	0.00E+00	5.82E-06	5.82E-06	2.47E-04	7.65E-04	0.00E+00	6.19E-06	0.00E+00	5.82E-06	9.89E-03	0.00E+00	0.00E+00	9.89E-03
1822	ALL		484475	3718425	NonCancei	0.00E+00	2.54E-05	0.00E+00	4.87E-06	4.87E-06	2.35E-04	7.24E-04	0.00E+00	5.90E-06	0.00E+00	4.87E-06	7.43E-03	0.00E+00	0.00E+00	7.43E-03
1823	ALL		484525	3718425	NonCancei	0.00E+00	2.40E-05	0.00E+00	4.75E-06	4.75E-06	2.22E-04	6.81E-04	0.00E+00	5.57E-06	0.00E+00	4.75E-06	7.47E-03	0.00E+00	0.00E+00	7.47E-03
1824	ALL		484575	3718425	NonCancei	0.00E+00	2.27E-05	0.00E+00	4.52E-06	4.52E-06	2.10E-04	6.40E-04	0.00E+00	5.26E-06	0.00E+00	4.52E-06	7.17E-03	0.00E+00	0.00E+00	7.17E-03
1825	ALL		484625	3718425	NonCancei	0.00E+00	2.14E-05	0.00E+00	3.92E-06	3.92E-06	1.97E-04	6.01E-04	0.00E+00	4.96E-06	0.00E+00	3.92E-06	5.79E-03	0.00E+00	0.00E+00	5.79E-03
1826	ALL		484675	3718425	NonCancei	0.00E+00	2.01E-05	0.00E+00	3.48E-06	3.48E-06	1.86E-04	5.65E-04	0.00E+00	4.67E-06	0.00E+00	3.48E-06	4.86E-03	0.00E+00	0.00E+00	4.86E-03
1827	ALL		484725	3718425	NonCancei	0.00E+00	1.89E-05	0.00E+00	3.25E-06	3.25E-06	1.74E-04	5.30E-04	0.00E+00	4.38E-06	0.00E+00	3.25E-06	4.50E-03	0.00E+00	0.00E+00	4.50E-03
1828	ALL		484775	3718425	NonCancei	0.00E+00	1.77E-05	0.00E+00	3.42E-06	3.42E-06	1.64E-04	4.97E-04	0.00E+00	4.11E-06	0.00E+00	3.42E-06	5.30E-03	0.00E+00	0.00E+00	5.30E-03
1829	ALL		484825	3718425	NonCancei	0.00E+00	1.66E-05	0.00E+00	3.51E-06	3.51E-06	1.54E-04	4.66E-04	0.00E+00	3.86E-06	0.00E+00	3.51E-06	5.83E-03	0.00E+00	0.00E+00	5.83E-03
1830	ALL		484875	3718425	NonCancei	0.00E+00	1.56E-05	0.00E+00	3.37E-06	3.37E-06	1.44E-04	4.36E-04	0.00E+00	3.62E-06	0.00E+00	3.37E-06	5.70E-03	0.00E+00	0.00E+00	5.70E-03
1831	ALL		484925	3718425	NonCancei	0.00E+00	1.47E-05	0.00E+00	3.05E-06	3.05E-06	1.36E-04	4.10E-04	0.00E+00	3.40E-06	0.00E+00	3.05E-06	5.02E-03	0.00E+00	0.00E+00	5.02E-03
1832	ALL		484975	3718425	NonCancei	0.00E+00	1.38E-05	0.00E+00	2.65E-06	2.65E-06	1.28E-04	3.87E-04	0.00E+00	3.21E-06	0.00E+00	2.65E-06	4.09E-03	0.00E+00	0.00E+00	4.09E-03
1833	ALL		485025	3718425	NonCancei	0.00E+00	1.30E-05	0.00E+00	2.28E-06	2.28E-06	1.20E-04	3.63E-04	0.00E+00	3.02E-06	0.00E+00	2.28E-06	3.28E-03	0.00E+00	0.00E+00	3.28E-03
1834	ALL		485075	3718425	NonCancei	0.00E+00	1.22E-05	0.00E+00	2.10E-06	2.10E-06	1.12E-04	3.39E-04	0.00E+00	2.82E-06	0.00E+00	2.10E-06	3.00E-03	0.00E+00	0.00E+00	3.00E-03
1835	ALL		485125	3718425	NonCancei	0.00E+00	1.13E-05	0.00E+00	1.91E-06	1.91E-06	1.04E-04	3.15E-04	0.00E+00	2.62E-06	0.00E+00	1.91E-06	2.72E-03	0.00E+00	0.00E+00	2.72E-03
1836	ALL		485175	3718425	NonCancei	0.00E+00	1.05E-05	0.00E+00	1.75E-06	1.75E-06	9.67E-05	2.92E-04	0.00E+00	2.43E-06	0.00E+00	1.75E-06	2.48E-03	0.00E+00	0.00E+00	2.48E-03
1837	ALL		485225	3718425	NonCancei	0.00E+00	9.81E-06	0.00E+00	1.62E-06	1.62E-06	9.04E-05	2.73E-04	0.00E+00	2.27E-06	0.00E+00	1.62E-06	2.31E-03	0.00E+00	0.00E+00	2.31E-03
1838	ALL		485275	3718425	NonCancei	0.00E+00	9.21E-06	0.00E+00	1.52E-06	1.52E-06	8.49E-05	2.57E-04	0.00E+00	2.14E-06	0.00E+00	1.52E-06	2.18E-03	0.00E+00	0.00E+00	2.18E-03
1839	ALL		485325	3718425	NonCancei	0.00E+00	8.70E-06	0.00E+00	1.43E-06	1.43E-06	8.01E-05	2.42E-04	0.00E+00	2.02E-06	0.00E+00	1.43E-06	2.06E-03	0.00E+00	0.00E+00	2.06E-03
1840	ALL		485375	3718425	NonCancei	0.00E+00	8.26E-06	0.00E+00	1.36E-06	1.36E-06	7.61E-05	2.30E-04	0.00E+00	1.92E-06	0.00E+00	1.36E-06	1.97E-03	0.00E+00	0.00E+00	1.97E-03
1841	ALL		485425	3718425	NonCancei	0.00E+00	7.90E-06	0.00E+00	1.32E-06	1.32E-06	7.28E-05	2.20E-04	0.00E+00	1.83E-06	0.00E+00	1.32E-06	1.95E-03	0.00E+00	0.00E+00	1.95E-03
1842	ALL		485475	3718425	NonCancei	0.00E+00	7.49E-06	0.00E+00	1.25E-06	1.25E-06	6.90E-05	2.09E-04	0.00E+00	1.74E-06	0.00E+00	1.25E-06	1.86E-03	0.00E+00	0.00E+00	1.86E-03
1843	ALL		482925	3718475	NonCancei	0.00E+00	3.97E-06	0.00E+00	2.56E-06	2.56E-06	3.85E-05	1.18E-04	0.00E+00	9.22E-07	0.00E+00	2.56E-06	6.55E-03	0.00E+00	0.00E+00	6.55E-03
1844	ALL		482975	3718475	NonCancei	0.00E+00	3.71E-06	0.00E+00	2.48E-06	2.48E-06	3.61E-05	1.10E-04	0.00E+00	8.60E-07	0.00E+00	2.48E-06	6.40E-03	0.00E+00	0.00E+00	6.40E-03
1845	ALL		483025	3718475	NonCancei	0.00E+00	3.71E-06	0.00E+00	2.42E-06	2.42E-06	3.60E-05	1.09E-04	0.00E+00	8.60E-07	0.00E+00	2.42E-06	6.27E-03	0.00E+00	0.00E+00	6.27E-03

*HARP - HRACalc v19044 3/19/2020 1:54:21 PM - Chronic Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitChronicHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1846	ALL		483075	3718475	NonCancer	0.00E+00	3.79E-06	0.00E+00	2.59E-06	2.59E-06	3.69E-05	1.11E-04	0.00E+00	8.78E-07	0.00E+00	2.59E-06	6.77E-03	0.00E+00	0.00E+00	6.77E-03
1847	ALL		483125	3718475	NonCancer	0.00E+00	3.97E-06	0.00E+00	2.74E-06	2.74E-06	3.87E-05	1.16E-04	0.00E+00	9.21E-07	0.00E+00	2.74E-06	7.17E-03	0.00E+00	0.00E+00	7.17E-03
1848	ALL		483175	3718475	NonCancer	0.00E+00	4.65E-06	0.00E+00	2.81E-06	2.81E-06	4.49E-05	1.35E-04	0.00E+00	1.08E-06	0.00E+00	2.81E-06	7.23E-03	0.00E+00	0.00E+00	7.23E-03
1849	ALL		483225	3718475	NonCancer	0.00E+00	5.66E-06	0.00E+00	3.16E-06	3.16E-06	5.44E-05	1.63E-04	0.00E+00	1.31E-06	0.00E+00	3.16E-06	8.01E-03	0.00E+00	0.00E+00	8.01E-03
1850	ALL		483275	3718475	NonCancer	0.00E+00	6.94E-06	0.00E+00	3.44E-06	3.44E-06	6.63E-05	1.99E-04	0.00E+00	1.61E-06	0.00E+00	3.44E-06	8.54E-03	0.00E+00	0.00E+00	8.54E-03
1851	ALL		483325	3718475	NonCancer	0.00E+00	8.56E-06	0.00E+00	3.43E-06	3.43E-06	8.09E-05	2.43E-04	0.00E+00	1.99E-06	0.00E+00	3.43E-06	8.22E-03	0.00E+00	0.00E+00	8.22E-03
1852	ALL		483375	3718475	NonCancer	0.00E+00	9.67E-06	0.00E+00	3.49E-06	3.49E-06	9.11E-05	2.73E-04	0.00E+00	2.24E-06	0.00E+00	3.49E-06	8.21E-03	0.00E+00	0.00E+00	8.21E-03
1853	ALL		483425	3718475	NonCancer	0.00E+00	1.12E-05	0.00E+00	3.49E-06	3.49E-06	1.05E-04	3.15E-04	0.00E+00	2.60E-06	0.00E+00	3.49E-06	7.89E-03	0.00E+00	0.00E+00	7.89E-03
1854	ALL		483475	3718475	NonCancer	0.00E+00	1.31E-05	0.00E+00	3.17E-06	3.17E-06	1.22E-04	3.68E-04	0.00E+00	3.04E-06	0.00E+00	3.17E-06	6.59E-03	0.00E+00	0.00E+00	6.59E-03
1855	ALL		483525	3718475	NonCancer	0.00E+00	1.31E-05	0.00E+00	4.19E-06	4.19E-06	1.23E-04	3.66E-04	0.00E+00	3.04E-06	0.00E+00	4.19E-06	9.52E-03	0.00E+00	0.00E+00	9.52E-03
1856	ALL		483575	3718475	NonCancer	0.00E+00	1.35E-05	0.00E+00	4.82E-06	4.82E-06	1.27E-04	3.75E-04	0.00E+00	3.12E-06	0.00E+00	4.82E-06	1.12E-02	0.00E+00	0.00E+00	1.12E-02
1857	ALL		483625	3718475	NonCancer	0.00E+00	1.76E-05	0.00E+00	4.02E-06	4.02E-06	1.63E-04	4.91E-04	0.00E+00	4.07E-06	0.00E+00	4.02E-06	8.05E-03	0.00E+00	0.00E+00	8.05E-03
1858	ALL		483675	3718475	NonCancer	0.00E+00	1.90E-05	0.00E+00	3.16E-06	3.16E-06	1.75E-04	5.38E-04	0.00E+00	4.41E-06	0.00E+00	3.16E-06	5.38E-03	0.00E+00	0.00E+00	5.38E-03
1859	ALL		483725	3718475	NonCancer	0.00E+00	1.98E-05	0.00E+00	3.05E-06	3.05E-06	1.82E-04	5.67E-04	0.00E+00	4.59E-06	0.00E+00	3.05E-06	4.82E-03	0.00E+00	0.00E+00	4.82E-03
1860	ALL		483775	3718475	NonCancer	0.00E+00	2.09E-05	0.00E+00	3.07E-06	3.07E-06	1.93E-04	6.06E-04	0.00E+00	4.86E-06	0.00E+00	3.07E-06	4.59E-03	0.00E+00	0.00E+00	4.59E-03
1861	ALL		483825	3718475	NonCancer	0.00E+00	2.24E-05	0.00E+00	3.51E-06	3.51E-06	2.06E-04	6.53E-04	0.00E+00	5.19E-06	0.00E+00	3.51E-06	5.51E-03	0.00E+00	0.00E+00	5.51E-03
1862	ALL		483875	3718475	NonCancer	0.00E+00	2.36E-05	0.00E+00	3.70E-06	3.70E-06	2.17E-04	7.00E-04	0.00E+00	5.47E-06	0.00E+00	3.70E-06	5.76E-03	0.00E+00	0.00E+00	5.76E-03
1863	ALL		483925	3718475	NonCancer	0.00E+00	2.59E-05	0.00E+00	3.88E-06	3.88E-06	2.38E-04	7.77E-04	0.00E+00	6.00E-06	0.00E+00	3.88E-06	5.94E-03	0.00E+00	0.00E+00	5.94E-03
1864	ALL		483975	3718475	NonCancer	0.00E+00	2.90E-05	0.00E+00	3.90E-06	3.90E-06	2.66E-04	8.91E-04	0.00E+00	6.72E-06	0.00E+00	3.90E-06	5.68E-03	0.00E+00	0.00E+00	5.68E-03
1865	ALL		484025	3718475	NonCancer	0.00E+00	3.54E-05	0.00E+00	4.16E-06	4.16E-06	3.25E-04	1.13E-03	0.00E+00	8.21E-06	0.00E+00	4.16E-06	6.04E-03	0.00E+00	0.00E+00	6.04E-03
1866	ALL		484075	3718475	NonCancer	0.00E+00	7.87E-05	0.00E+00	5.06E-06	5.06E-06	7.17E-04	2.79E-03	0.00E+00	1.83E-05	0.00E+00	5.06E-06	7.46E-03	0.00E+00	0.00E+00	7.46E-03
1867	ALL		484125	3718475	NonCancer	0.00E+00	5.44E-05	0.00E+00	4.85E-06	4.85E-06	4.97E-04	1.86E-03	0.00E+00	1.26E-05	0.00E+00	4.85E-06	7.20E-03	0.00E+00	0.00E+00	7.20E-03
1868	ALL		484175	3718475	NonCancer	0.00E+00	3.52E-05	0.00E+00	4.55E-06	4.55E-06	3.23E-04	1.11E-03	0.00E+00	8.16E-06	0.00E+00	4.55E-06	6.66E-03	0.00E+00	0.00E+00	6.66E-03
1869	ALL		484225	3718475	NonCancer	0.00E+00	3.05E-05	0.00E+00	4.62E-06	4.62E-06	2.80E-04	9.28E-04	0.00E+00	7.07E-06	0.00E+00	4.62E-06	6.89E-03	0.00E+00	0.00E+00	6.89E-03
1870	ALL		484275	3718475	NonCancer	0.00E+00	2.81E-05	0.00E+00	4.38E-06	4.38E-06	2.59E-04	8.37E-04	0.00E+00	6.52E-06	0.00E+00	4.38E-06	6.25E-03	0.00E+00	0.00E+00	6.25E-03
1871	ALL		484325	3718475	NonCancer	0.00E+00	2.65E-05	0.00E+00	4.73E-06	4.73E-06	2.45E-04	7.78E-04	0.00E+00	6.15E-06	0.00E+00	4.73E-06	7.34E-03	0.00E+00	0.00E+00	7.34E-03
1872	ALL		484375	3718475	NonCancer	0.00E+00	2.52E-05	0.00E+00	5.35E-06	5.35E-06	2.33E-04	7.33E-04	0.00E+00	5.84E-06	0.00E+00	5.35E-06	9.24E-03	0.00E+00	0.00E+00	9.24E-03
1873	ALL		484425	3718475	NonCancer	0.00E+00	2.40E-05	0.00E+00	5.19E-06	5.19E-06	2.23E-04	6.93E-04	0.00E+00	5.57E-06	0.00E+00	5.19E-06	8.95E-03	0.00E+00	0.00E+00	8.95E-03
1874	ALL		484475	3718475	NonCancer	0.00E+00	2.29E-05	0.00E+00	4.36E-06	4.36E-06	2.12E-04	6.57E-04	0.00E+00	5.32E-06	0.00E+00	4.36E-06	6.78E-03	0.00E+00	0.00E+00	6.78E-03
1875	ALL		484525	3718475	NonCancer	0.00E+00	2.17E-05	0.00E+00	4.10E-06	4.10E-06	2.01E-04	6.18E-04	0.00E+00	5.03E-06	0.00E+00	4.10E-06	6.35E-03	0.00E+00	0.00E+00	6.35E-03
1876	ALL		484575	3718475	NonCancer	0.00E+00	2.06E-05	0.00E+00	4.03E-06	4.03E-06	1.90E-04	5.84E-04	0.00E+00	4.78E-06	0.00E+00	4.03E-06	6.40E-03	0.00E+00	0.00E+00	6.40E-03
1877	ALL		484625	3718475	NonCancer	0.00E+00	1.95E-05	0.00E+00	3.72E-06	3.72E-06	1.81E-04	5.52E-04	0.00E+00	4.53E-06	0.00E+00	3.72E-06	5.78E-03	0.00E+00	0.00E+00	5.78E-03
1878	ALL		484675	3718475	NonCancer	0.00E+00	1.85E-05	0.00E+00	3.19E-06	3.19E-06	1.71E-04	5.22E-04	0.00E+00	4.29E-06	0.00E+00	3.19E-06	4.50E-03	0.00E+00	0.00E+00	4.50E-03
1879	ALL		484725	3718475	NonCancer	0.00E+00	1.75E-05	0.00E+00	2.99E-06	2.99E-06	1.61E-04	4.92E-04	0.00E+00	4.05E-06	0.00E+00	2.99E-06	4.21E-03	0.00E+00	0.00E+00	4.21E-03
1880	ALL		484775	3718475	NonCancer	0.00E+00	1.65E-05	0.00E+00	2.82E-06	2.82E-06	1.52E-04	4.63E-04	0.00E+00	3.82E-06	0.00E+00	2.82E-06	3.97E-03	0.00E+00	0.00E+00	3.97E-03
1881	ALL		484825	3718475	NonCancer	0.00E+00	1.55E-05	0.00E+00	2.95E-06	2.95E-06	1.43E-04	4.36E-04	0.00E+00	3.60E-06	0.00E+00	2.95E-06	4.57E-03	0.00E+00	0.00E+00	4.57E-03
1882	ALL		484875	3718475	NonCancer	0.00E+00	1.46E-05	0.00E+00	3.03E-06	3.03E-06	1.35E-04	4.10E-04	0.00E+00	3.39E-06	0.00E+00	3.03E-06	5.03E-03	0.00E+00	0.00E+00	5.03E-03
1883	ALL		484925	3718475	NonCancer	0.00E+00	1.38E-05	0.00E+00	2.94E-06	2.94E-06	1.28E-04	3.86E-04	0.00E+00	3.19E-06	0.00E+00	2.94E-06	4.98E-03	0.00E+00	0.00E+00	4.98E-03
1884	ALL		484975	3718475	NonCancer	0.00E+00	1.30E-05	0.00E+00	2.69E-06	2.69E-06	1.20E-04	3.64E-04	0.00E+00	3.01E-06	0.00E+00	2.69E-06	4.47E-03	0.00E+00	0.00E+00	4.47E-03
1885	ALL		485025	3718475	NonCancer	0.00E+00	1.23E-05	0.00E+00	2.36E-06	2.36E-06	1.14E-04	3.44E-04	0.00E+00	2.85E-06	0.00E+00	2.36E-06	3.72E-03	0.00E+00	0.00E+00	3.72E-03
1886	ALL		485075	3718475	NonCancer	0.00E+00	1.16E-05	0.00E+00	2.01E-06	2.01E-06	1.07E-04	3.24E-04	0.00E+00	2.69E-06	0.00E+00	2.01E-06	2.90E-03	0.00E+00	0.00E+00	2.90E-03
1887	ALL		485125	3718475	NonCancer	0.00E+00	1.08E-05	0.00E+00	1.83E-06	1.83E-06	9.96E-05	3.02E-04	0.00E+00	2.51E-06	0.00E+00	1.83E-06	2.60E-03	0.00E+00	0.00E+00	2.60E-03
1888	ALL		485175	3718475	NonCancer	0.00E+00	1.01E-05	0.00E+00	1.68E-06	1.68E-06	9.29E-05	2.81E-04	0.00E+00	2.34E-06	0.00E+00	1.68E-06	2.38E-03	0.00E+00	0.00E+00	2.38E-03
1889	ALL		485225	3718475	NonCancer	0.00E+00	9.49E-06	0.00E+00	1.58E-06	1.58E-06	8.75E-05	2.65E-04	0.00E+00	2.20E-06	0.00E+00	1.58E-06	2.25E-03	0.00E+00	0.00E+00	2.25E-03
1890	ALL		485275	3718475	NonCancer	0.00E+00	8.96E-06	0.00E+00	1.48E-06	1.48E-06	8.26E-05	2.50E-04	0.00E+00	2.08E-06	0.00E+00	1.48E-06	2.11E-03	0.00E+00	0.00E+00	2.11E-03

*HARP - HRACalc v19044 3/19/2020 1:54:21 PM - Chronic Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitChronicHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1891	ALL		485325	3718475	NonCancer	0.00E+00	8.51E-06	0.00E+00	1.41E-06	1.41E-06	7.85E-05	2.38E-04	0.00E+00	1.97E-06	0.00E+00	1.41E-06	2.03E-03	0.00E+00	0.00E+00	2.03E-03
1892	ALL		485375	3718475	NonCancer	0.00E+00	8.09E-06	0.00E+00	1.34E-06	1.34E-06	7.45E-05	2.26E-04	0.00E+00	1.88E-06	0.00E+00	1.34E-06	1.96E-03	0.00E+00	0.00E+00	1.96E-03
1893	ALL		485425	3718475	NonCancer	0.00E+00	7.65E-06	0.00E+00	1.27E-06	1.27E-06	7.05E-05	2.13E-04	0.00E+00	1.77E-06	0.00E+00	1.27E-06	1.85E-03	0.00E+00	0.00E+00	1.85E-03
1894	ALL		485475	3718475	NonCancer	0.00E+00	7.22E-06	0.00E+00	1.19E-06	1.19E-06	6.65E-05	2.01E-04	0.00E+00	1.67E-06	0.00E+00	1.19E-06	1.74E-03	0.00E+00	0.00E+00	1.74E-03
1895	ALL		482925	3718525	NonCancer	0.00E+00	4.20E-06	0.00E+00	2.50E-06	2.50E-06	4.05E-05	1.24E-04	0.00E+00	9.74E-07	0.00E+00	2.50E-06	6.34E-03	0.00E+00	0.00E+00	6.34E-03
1896	ALL		482975	3718525	NonCancer	0.00E+00	4.10E-06	0.00E+00	2.60E-06	2.60E-06	3.97E-05	1.21E-04	0.00E+00	9.50E-07	0.00E+00	2.60E-06	6.65E-03	0.00E+00	0.00E+00	6.65E-03
1897	ALL		483025	3718525	NonCancer	0.00E+00	4.09E-06	0.00E+00	2.58E-06	2.58E-06	3.96E-05	1.20E-04	0.00E+00	9.50E-07	0.00E+00	2.58E-06	6.63E-03	0.00E+00	0.00E+00	6.63E-03
1898	ALL		483075	3718525	NonCancer	0.00E+00	4.16E-06	0.00E+00	2.57E-06	2.57E-06	4.03E-05	1.22E-04	0.00E+00	9.66E-07	0.00E+00	2.57E-06	6.62E-03	0.00E+00	0.00E+00	6.62E-03
1899	ALL		483125	3718525	NonCancer	0.00E+00	4.32E-06	0.00E+00	2.68E-06	2.68E-06	4.18E-05	1.26E-04	0.00E+00	1.00E-06	0.00E+00	2.68E-06	6.90E-03	0.00E+00	0.00E+00	6.90E-03
1900	ALL		483175	3718525	NonCancer	0.00E+00	4.56E-06	0.00E+00	2.77E-06	2.77E-06	4.41E-05	1.32E-04	0.00E+00	1.06E-06	0.00E+00	2.77E-06	7.14E-03	0.00E+00	0.00E+00	7.14E-03
1901	ALL		483225	3718525	NonCancer	0.00E+00	5.25E-06	0.00E+00	2.91E-06	2.91E-06	5.04E-05	1.51E-04	0.00E+00	1.22E-06	0.00E+00	2.91E-06	7.41E-03	0.00E+00	0.00E+00	7.41E-03
1902	ALL		483275	3718525	NonCancer	0.00E+00	6.24E-06	0.00E+00	3.19E-06	3.19E-06	5.96E-05	1.78E-04	0.00E+00	1.45E-06	0.00E+00	3.19E-06	8.03E-03	0.00E+00	0.00E+00	8.03E-03
1903	ALL		483325	3718525	NonCancer	0.00E+00	7.24E-06	0.00E+00	3.44E-06	3.44E-06	6.90E-05	2.05E-04	0.00E+00	1.68E-06	0.00E+00	3.44E-06	8.56E-03	0.00E+00	0.00E+00	8.56E-03
1904	ALL		483375	3718525	NonCancer	0.00E+00	8.42E-06	0.00E+00	3.67E-06	3.67E-06	7.99E-05	2.38E-04	0.00E+00	1.95E-06	0.00E+00	3.67E-06	8.99E-03	0.00E+00	0.00E+00	8.99E-03
1905	ALL		483425	3718525	NonCancer	0.00E+00	1.04E-05	0.00E+00	3.80E-06	3.80E-06	9.83E-05	2.93E-04	0.00E+00	2.42E-06	0.00E+00	3.80E-06	8.95E-03	0.00E+00	0.00E+00	8.95E-03
1906	ALL		483475	3718525	NonCancer	0.00E+00	1.26E-05	0.00E+00	3.54E-06	3.54E-06	1.17E-04	3.51E-04	0.00E+00	2.91E-06	0.00E+00	3.54E-06	7.77E-03	0.00E+00	0.00E+00	7.77E-03
1907	ALL		483525	3718525	NonCancer	0.00E+00	1.40E-05	0.00E+00	3.71E-06	3.71E-06	1.31E-04	3.92E-04	0.00E+00	3.26E-06	0.00E+00	3.71E-06	7.92E-03	0.00E+00	0.00E+00	7.92E-03
1908	ALL		483575	3718525	NonCancer	0.00E+00	1.39E-05	0.00E+00	4.67E-06	4.67E-06	1.30E-04	3.87E-04	0.00E+00	3.21E-06	0.00E+00	4.67E-06	1.06E-02	0.00E+00	0.00E+00	1.06E-02
1909	ALL		483625	3718525	NonCancer	0.00E+00	1.68E-05	0.00E+00	4.44E-06	4.44E-06	1.56E-04	4.69E-04	0.00E+00	3.89E-06	0.00E+00	4.44E-06	9.21E-03	0.00E+00	0.00E+00	9.21E-03
1910	ALL		483675	3718525	NonCancer	0.00E+00	1.84E-05	0.00E+00	3.28E-06	3.28E-06	1.70E-04	5.21E-04	0.00E+00	4.28E-06	0.00E+00	3.28E-06	5.85E-03	0.00E+00	0.00E+00	5.85E-03
1911	ALL		483725	3718525	NonCancer	0.00E+00	1.84E-05	0.00E+00	2.66E-06	2.66E-06	1.70E-04	5.32E-04	0.00E+00	4.28E-06	0.00E+00	2.66E-06	3.97E-03	0.00E+00	0.00E+00	3.97E-03
1912	ALL		483775	3718525	NonCancer	0.00E+00	1.99E-05	0.00E+00	3.01E-06	3.01E-06	1.83E-04	5.77E-04	0.00E+00	4.62E-06	0.00E+00	3.01E-06	4.70E-03	0.00E+00	0.00E+00	4.70E-03
1913	ALL		483825	3718525	NonCancer	0.00E+00	2.12E-05	0.00E+00	3.16E-06	3.16E-06	1.95E-04	6.19E-04	0.00E+00	4.92E-06	0.00E+00	3.16E-06	4.89E-03	0.00E+00	0.00E+00	4.89E-03
1914	ALL		483875	3718525	NonCancer	0.00E+00	2.24E-05	0.00E+00	3.39E-06	3.39E-06	2.06E-04	6.65E-04	0.00E+00	5.20E-06	0.00E+00	3.39E-06	5.28E-03	0.00E+00	0.00E+00	5.28E-03
1915	ALL		483925	3718525	NonCancer	0.00E+00	2.41E-05	0.00E+00	3.38E-06	3.38E-06	2.22E-04	7.29E-04	0.00E+00	5.60E-06	0.00E+00	3.38E-06	5.00E-03	0.00E+00	0.00E+00	5.00E-03
1916	ALL		483975	3718525	NonCancer	0.00E+00	2.70E-05	0.00E+00	3.54E-06	3.54E-06	2.48E-04	8.34E-04	0.00E+00	6.26E-06	0.00E+00	3.54E-06	5.21E-03	0.00E+00	0.00E+00	5.21E-03
1917	ALL		484025	3718525	NonCancer	0.00E+00	3.28E-05	0.00E+00	3.77E-06	3.77E-06	3.01E-04	1.05E-03	0.00E+00	7.61E-06	0.00E+00	3.77E-06	5.54E-03	0.00E+00	0.00E+00	5.54E-03
1918	ALL		484075	3718525	NonCancer	0.00E+00	6.82E-05	0.00E+00	4.47E-06	4.47E-06	6.22E-04	2.42E-03	0.00E+00	1.58E-05	0.00E+00	4.47E-06	6.60E-03	0.00E+00	0.00E+00	6.60E-03
1919	ALL		484125	3718525	NonCancer	0.00E+00	5.50E-05	0.00E+00	4.34E-06	4.34E-06	5.02E-04	1.91E-03	0.00E+00	1.28E-05	0.00E+00	4.34E-06	6.40E-03	0.00E+00	0.00E+00	6.40E-03
1920	ALL		484175	3718525	NonCancer	0.00E+00	3.31E-05	0.00E+00	4.05E-06	4.05E-06	3.04E-04	1.06E-03	0.00E+00	7.68E-06	0.00E+00	4.05E-06	5.98E-03	0.00E+00	0.00E+00	5.98E-03
1921	ALL		484225	3718525	NonCancer	0.00E+00	2.82E-05	0.00E+00	4.05E-06	4.05E-06	2.59E-04	8.67E-04	0.00E+00	6.53E-06	0.00E+00	4.05E-06	6.04E-03	0.00E+00	0.00E+00	6.04E-03
1922	ALL		484275	3718525	NonCancer	0.00E+00	2.57E-05	0.00E+00	3.88E-06	3.88E-06	2.37E-04	7.74E-04	0.00E+00	5.97E-06	0.00E+00	3.88E-06	5.61E-03	0.00E+00	0.00E+00	5.61E-03
1923	ALL		484325	3718525	NonCancer	0.00E+00	2.42E-05	0.00E+00	4.03E-06	4.03E-06	2.23E-04	7.15E-04	0.00E+00	5.60E-06	0.00E+00	4.03E-06	6.11E-03	0.00E+00	0.00E+00	6.11E-03
1924	ALL		484375	3718525	NonCancer	0.00E+00	2.29E-05	0.00E+00	4.62E-06	4.62E-06	2.12E-04	6.71E-04	0.00E+00	5.32E-06	0.00E+00	4.62E-06	7.87E-03	0.00E+00	0.00E+00	7.87E-03
1925	ALL		484425	3718525	NonCancer	0.00E+00	2.18E-05	0.00E+00	4.63E-06	4.63E-06	2.02E-04	6.34E-04	0.00E+00	5.07E-06	0.00E+00	4.63E-06	8.04E-03	0.00E+00	0.00E+00	8.04E-03
1926	ALL		484475	3718525	NonCancer	0.00E+00	2.08E-05	0.00E+00	4.02E-06	4.02E-06	1.92E-04	5.99E-04	0.00E+00	4.82E-06	0.00E+00	4.02E-06	6.49E-03	0.00E+00	0.00E+00	6.49E-03
1927	ALL		484525	3718525	NonCancer	0.00E+00	1.98E-05	0.00E+00	3.59E-06	3.59E-06	1.83E-04	5.67E-04	0.00E+00	4.59E-06	0.00E+00	3.59E-06	5.46E-03	0.00E+00	0.00E+00	5.46E-03
1928	ALL		484575	3718525	NonCancer	0.00E+00	1.89E-05	0.00E+00	3.58E-06	3.58E-06	1.74E-04	5.38E-04	0.00E+00	4.38E-06	0.00E+00	3.58E-06	5.63E-03	0.00E+00	0.00E+00	5.63E-03
1929	ALL		484625	3718525	NonCancer	0.00E+00	1.80E-05	0.00E+00	3.45E-06	3.45E-06	1.66E-04	5.11E-04	0.00E+00	4.17E-06	0.00E+00	3.45E-06	5.46E-03	0.00E+00	0.00E+00	5.46E-03
1930	ALL		484675	3718525	NonCancer	0.00E+00	1.71E-05	0.00E+00	3.07E-06	3.07E-06	1.58E-04	4.83E-04	0.00E+00	3.96E-06	0.00E+00	3.07E-06	4.61E-03	0.00E+00	0.00E+00	4.61E-03
1931	ALL		484725	3718525	NonCancer	0.00E+00	1.62E-05	0.00E+00	2.76E-06	2.76E-06	1.49E-04	4.57E-04	0.00E+00	3.76E-06	0.00E+00	2.76E-06	3.94E-03	0.00E+00	0.00E+00	3.94E-03
1932	ALL		484775	3718525	NonCancer	0.00E+00	1.53E-05	0.00E+00	2.60E-06	2.60E-06	1.41E-04	4.32E-04	0.00E+00	3.56E-06	0.00E+00	2.60E-06	3.68E-03	0.00E+00	0.00E+00	3.68E-03
1933	ALL		484825	3718525	NonCancer	0.00E+00	1.45E-05	0.00E+00	2.48E-06	2.48E-06	1.34E-04	4.08E-04	0.00E+00	3.37E-06	0.00E+00	2.48E-06	3.52E-03	0.00E+00	0.00E+00	3.52E-03
1934	ALL		484875	3718525	NonCancer	0.00E+00	1.37E-05	0.00E+00	2.57E-06	2.57E-06	1.27E-04	3.86E-04	0.00E+00	3.18E-06	0.00E+00	2.57E-06	3.98E-03	0.00E+00	0.00E+00	3.98E-03
1935	ALL		484925	3718525	NonCancer	0.00E+00	1.30E-05	0.00E+00	2.65E-06	2.65E-06	1.20E-04	3.65E-04	0.00E+00	3.01E-06	0.00E+00	2.65E-06	4.39E-03	0.00E+00	0.00E+00	4.39E-03

*HARP - HRACalc v19044 3/19/2020 1:54:21 PM - Chronic Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitChronicHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1936	ALL		484975	3718525	NonCancei	0.00E+00	1.23E-05	0.00E+00	2.58E-06	2.58E-06	1.14E-04	3.45E-04	0.00E+00	2.85E-06	0.00E+00	2.58E-06	4.38E-03	0.00E+00	0.00E+00	4.38E-03
1937	ALL		485025	3718525	NonCancei	0.00E+00	1.15E-05	0.00E+00	2.37E-06	2.37E-06	1.07E-04	3.23E-04	0.00E+00	2.67E-06	0.00E+00	2.37E-06	3.97E-03	0.00E+00	0.00E+00	3.97E-03
1938	ALL		485075	3718525	NonCancei	0.00E+00	1.09E-05	0.00E+00	2.10E-06	2.10E-06	1.01E-04	3.06E-04	0.00E+00	2.53E-06	0.00E+00	2.10E-06	3.36E-03	0.00E+00	0.00E+00	3.36E-03
1939	ALL		485125	3718525	NonCancei	0.00E+00	1.03E-05	0.00E+00	1.80E-06	1.80E-06	9.51E-05	2.89E-04	0.00E+00	2.39E-06	0.00E+00	1.80E-06	2.67E-03	0.00E+00	0.00E+00	2.67E-03
1940	ALL		485175	3718525	NonCancei	0.00E+00	9.68E-06	0.00E+00	1.61E-06	1.61E-06	8.92E-05	2.71E-04	0.00E+00	2.25E-06	0.00E+00	1.61E-06	2.30E-03	0.00E+00	0.00E+00	2.30E-03
1941	ALL		485225	3718525	NonCancei	0.00E+00	9.18E-06	0.00E+00	1.52E-06	1.52E-06	8.46E-05	2.57E-04	0.00E+00	2.13E-06	0.00E+00	1.52E-06	2.17E-03	0.00E+00	0.00E+00	2.17E-03
1942	ALL		485275	3718525	NonCancei	0.00E+00	8.68E-06	0.00E+00	1.44E-06	1.44E-06	8.00E-05	2.43E-04	0.00E+00	2.01E-06	0.00E+00	1.44E-06	2.07E-03	0.00E+00	0.00E+00	2.07E-03
1943	ALL		485325	3718525	NonCancei	0.00E+00	8.26E-06	0.00E+00	1.37E-06	1.37E-06	7.62E-05	2.31E-04	0.00E+00	1.92E-06	0.00E+00	1.37E-06	1.98E-03	0.00E+00	0.00E+00	1.98E-03
1944	ALL		485375	3718525	NonCancei	0.00E+00	7.87E-06	0.00E+00	1.31E-06	1.31E-06	7.25E-05	2.20E-04	0.00E+00	1.83E-06	0.00E+00	1.31E-06	1.89E-03	0.00E+00	0.00E+00	1.89E-03
1945	ALL		485425	3718525	NonCancei	0.00E+00	7.46E-06	0.00E+00	1.24E-06	1.24E-06	6.88E-05	2.09E-04	0.00E+00	1.73E-06	0.00E+00	1.24E-06	1.80E-03	0.00E+00	0.00E+00	1.80E-03
1946	ALL		485475	3718525	NonCancei	0.00E+00	7.04E-06	0.00E+00	1.16E-06	1.16E-06	6.49E-05	1.97E-04	0.00E+00	1.63E-06	0.00E+00	1.16E-06	1.70E-03	0.00E+00	0.00E+00	1.70E-03
1947	ALL		482925	3718575	NonCancei	0.00E+00	4.39E-06	0.00E+00	2.45E-06	2.45E-06	4.22E-05	1.29E-04	0.00E+00	1.02E-06	0.00E+00	2.45E-06	6.17E-03	0.00E+00	0.00E+00	6.17E-03
1948	ALL		482975	3718575	NonCancei	0.00E+00	4.50E-06	0.00E+00	2.58E-06	2.58E-06	4.33E-05	1.32E-04	0.00E+00	1.04E-06	0.00E+00	2.58E-06	6.51E-03	0.00E+00	0.00E+00	6.51E-03
1949	ALL		483025	3718575	NonCancei	0.00E+00	4.59E-06	0.00E+00	2.71E-06	2.71E-06	4.42E-05	1.34E-04	0.00E+00	1.06E-06	0.00E+00	2.71E-06	6.88E-03	0.00E+00	0.00E+00	6.88E-03
1950	ALL		483075	3718575	NonCancei	0.00E+00	4.55E-06	0.00E+00	2.67E-06	2.67E-06	4.39E-05	1.32E-04	0.00E+00	1.06E-06	0.00E+00	2.67E-06	6.81E-03	0.00E+00	0.00E+00	6.81E-03
1951	ALL		483125	3718575	NonCancei	0.00E+00	4.62E-06	0.00E+00	2.67E-06	2.67E-06	4.45E-05	1.34E-04	0.00E+00	1.07E-06	0.00E+00	2.67E-06	6.82E-03	0.00E+00	0.00E+00	6.82E-03
1952	ALL		483175	3718575	NonCancei	0.00E+00	4.66E-06	0.00E+00	2.74E-06	2.74E-06	4.50E-05	1.34E-04	0.00E+00	1.08E-06	0.00E+00	2.74E-06	7.04E-03	0.00E+00	0.00E+00	7.04E-03
1953	ALL		483225	3718575	NonCancei	0.00E+00	5.03E-06	0.00E+00	2.89E-06	2.89E-06	4.84E-05	1.44E-04	0.00E+00	1.17E-06	0.00E+00	2.89E-06	7.43E-03	0.00E+00	0.00E+00	7.43E-03
1954	ALL		483275	3718575	NonCancei	0.00E+00	5.92E-06	0.00E+00	2.95E-06	2.95E-06	5.65E-05	1.68E-04	0.00E+00	1.37E-06	0.00E+00	2.95E-06	7.44E-03	0.00E+00	0.00E+00	7.44E-03
1955	ALL		483325	3718575	NonCancei	0.00E+00	6.50E-06	0.00E+00	3.12E-06	3.12E-06	6.20E-05	1.83E-04	0.00E+00	1.51E-06	0.00E+00	3.12E-06	7.83E-03	0.00E+00	0.00E+00	7.83E-03
1956	ALL		483375	3718575	NonCancei	0.00E+00	7.64E-06	0.00E+00	3.41E-06	3.41E-06	7.26E-05	2.15E-04	0.00E+00	1.77E-06	0.00E+00	3.41E-06	8.42E-03	0.00E+00	0.00E+00	8.42E-03
1957	ALL		483425	3718575	NonCancei	0.00E+00	9.67E-06	0.00E+00	3.86E-06	3.86E-06	9.13E-05	2.71E-04	0.00E+00	2.24E-06	0.00E+00	3.86E-06	9.25E-03	0.00E+00	0.00E+00	9.25E-03
1958	ALL		483475	3718575	NonCancei	0.00E+00	1.18E-05	0.00E+00	3.84E-06	3.84E-06	1.11E-04	3.31E-04	0.00E+00	2.75E-06	0.00E+00	3.84E-06	8.70E-03	0.00E+00	0.00E+00	8.70E-03
1959	ALL		483525	3718575	NonCancei	0.00E+00	1.33E-05	0.00E+00	3.96E-06	3.96E-06	1.25E-04	3.73E-04	0.00E+00	3.09E-06	0.00E+00	3.96E-06	8.69E-03	0.00E+00	0.00E+00	8.69E-03
1960	ALL		483575	3718575	NonCancei	0.00E+00	1.46E-05	0.00E+00	4.25E-06	4.25E-06	1.37E-04	4.10E-04	0.00E+00	3.40E-06	0.00E+00	4.25E-06	9.13E-03	0.00E+00	0.00E+00	9.13E-03
1961	ALL		483625	3718575	NonCancei	0.00E+00	1.66E-05	0.00E+00	4.20E-06	4.20E-06	1.54E-04	4.66E-04	0.00E+00	3.85E-06	0.00E+00	4.20E-06	8.48E-03	0.00E+00	0.00E+00	8.48E-03
1962	ALL		483675	3718575	NonCancei	0.00E+00	1.81E-05	0.00E+00	4.03E-06	4.03E-06	1.68E-04	5.12E-04	0.00E+00	4.21E-06	0.00E+00	4.03E-06	7.71E-03	0.00E+00	0.00E+00	7.71E-03
1963	ALL		483725	3718575	NonCancei	0.00E+00	1.82E-05	0.00E+00	2.65E-06	2.65E-06	1.68E-04	5.22E-04	0.00E+00	4.23E-06	0.00E+00	2.65E-06	4.16E-03	0.00E+00	0.00E+00	4.16E-03
1964	ALL		483775	3718575	NonCancei	0.00E+00	1.92E-05	0.00E+00	2.83E-06	2.83E-06	1.77E-04	5.55E-04	0.00E+00	4.46E-06	0.00E+00	2.83E-06	4.48E-03	0.00E+00	0.00E+00	4.48E-03
1965	ALL		483825	3718575	NonCancei	0.00E+00	2.02E-05	0.00E+00	2.97E-06	2.97E-06	1.85E-04	5.90E-04	0.00E+00	4.68E-06	0.00E+00	2.97E-06	4.68E-03	0.00E+00	0.00E+00	4.68E-03
1966	ALL		483875	3718575	NonCancei	0.00E+00	2.12E-05	0.00E+00	2.96E-06	2.96E-06	1.95E-04	6.30E-04	0.00E+00	4.92E-06	0.00E+00	2.96E-06	4.43E-03	0.00E+00	0.00E+00	4.43E-03
1967	ALL		483925	3718575	NonCancei	0.00E+00	2.26E-05	0.00E+00	3.07E-06	3.07E-06	2.08E-04	6.86E-04	0.00E+00	5.25E-06	0.00E+00	3.07E-06	4.56E-03	0.00E+00	0.00E+00	4.56E-03
1968	ALL		483975	3718575	NonCancei	0.00E+00	2.52E-05	0.00E+00	3.22E-06	3.22E-06	2.31E-04	7.84E-04	0.00E+00	5.85E-06	0.00E+00	3.22E-06	4.76E-03	0.00E+00	0.00E+00	4.76E-03
1969	ALL		484025	3718575	NonCancei	0.00E+00	3.05E-05	0.00E+00	3.41E-06	3.41E-06	2.80E-04	9.89E-04	0.00E+00	7.09E-06	0.00E+00	3.41E-06	5.04E-03	0.00E+00	0.00E+00	5.04E-03
1970	ALL		484075	3718575	NonCancei	0.00E+00	6.00E-05	0.00E+00	3.98E-06	3.98E-06	5.47E-04	2.12E-03	0.00E+00	1.39E-05	0.00E+00	3.98E-06	5.93E-03	0.00E+00	0.00E+00	5.93E-03
1971	ALL		484125	3718575	NonCancei	0.00E+00	5.68E-05	0.00E+00	4.01E-06	4.01E-06	5.18E-04	2.00E-03	0.00E+00	1.32E-05	0.00E+00	4.01E-06	5.96E-03	0.00E+00	0.00E+00	5.96E-03
1972	ALL		484175	3718575	NonCancei	0.00E+00	3.15E-05	0.00E+00	3.64E-06	3.64E-06	2.89E-04	1.02E-03	0.00E+00	7.32E-06	0.00E+00	3.64E-06	5.40E-03	0.00E+00	0.00E+00	5.40E-03
1973	ALL		484225	3718575	NonCancei	0.00E+00	2.63E-05	0.00E+00	3.59E-06	3.59E-06	2.41E-04	8.18E-04	0.00E+00	6.10E-06	0.00E+00	3.59E-06	5.33E-03	0.00E+00	0.00E+00	5.33E-03
1974	ALL		484275	3718575	NonCancei	0.00E+00	2.38E-05	0.00E+00	3.48E-06	3.48E-06	2.19E-04	7.22E-04	0.00E+00	5.52E-06	0.00E+00	3.48E-06	5.07E-03	0.00E+00	0.00E+00	5.07E-03
1975	ALL		484325	3718575	NonCancei	0.00E+00	2.22E-05	0.00E+00	3.48E-06	3.48E-06	2.05E-04	6.63E-04	0.00E+00	5.15E-06	0.00E+00	3.48E-06	5.14E-03	0.00E+00	0.00E+00	5.14E-03
1976	ALL		484375	3718575	NonCancei	0.00E+00	2.10E-05	0.00E+00	4.01E-06	4.01E-06	1.94E-04	6.20E-04	0.00E+00	4.88E-06	0.00E+00	4.01E-06	6.73E-03	0.00E+00	0.00E+00	6.73E-03
1977	ALL		484425	3718575	NonCancei	0.00E+00	2.00E-05	0.00E+00	4.13E-06	4.13E-06	1.85E-04	5.85E-04	0.00E+00	4.64E-06	0.00E+00	4.13E-06	7.18E-03	0.00E+00	0.00E+00	7.18E-03
1978	ALL		484475	3718575	NonCancei	0.00E+00	1.91E-05	0.00E+00	3.72E-06	3.72E-06	1.77E-04	5.54E-04	0.00E+00	4.43E-06	0.00E+00	3.72E-06	6.17E-03	0.00E+00	0.00E+00	6.17E-03
1979	ALL		484525	3718575	NonCancei	0.00E+00	1.82E-05	0.00E+00	3.19E-06	3.19E-06	1.68E-04	5.25E-04	0.00E+00	4.23E-06	0.00E+00	3.19E-06	4.81E-03	0.00E+00	0.00E+00	4.81E-03
1980	ALL		484575	3718575	NonCancei	0.00E+00	1.74E-05	0.00E+00	3.18E-06	3.18E-06	1.61E-04	4.99E-04	0.00E+00	4.04E-06	0.00E+00	3.18E-06	4.94E-03	0.00E+00	0.00E+00	4.94E-03

*HARP - HRACalc v19044 3/19/2020 1:54:21 PM - Chronic Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitChronicHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1981	ALL		484625	3718575	NonCancer	0.00E+00	1.66E-05	0.00E+00	3.11E-06	3.11E-06	1.53E-04	4.74E-04	0.00E+00	3.85E-06	0.00E+00	3.11E-06	4.93E-03	0.00E+00	0.00E+00	4.93E-03
1982	ALL		484675	3718575	NonCancer	0.00E+00	1.58E-05	0.00E+00	2.92E-06	2.92E-06	1.46E-04	4.49E-04	0.00E+00	3.67E-06	0.00E+00	2.92E-06	4.55E-03	0.00E+00	0.00E+00	4.55E-03
1983	ALL		484725	3718575	NonCancer	0.00E+00	1.50E-05	0.00E+00	2.54E-06	2.54E-06	1.39E-04	4.26E-04	0.00E+00	3.49E-06	0.00E+00	2.54E-06	3.66E-03	0.00E+00	0.00E+00	3.66E-03
1984	ALL		484775	3718575	NonCancer	0.00E+00	1.43E-05	0.00E+00	2.42E-06	2.42E-06	1.32E-04	4.05E-04	0.00E+00	3.32E-06	0.00E+00	2.42E-06	3.47E-03	0.00E+00	0.00E+00	3.47E-03
1985	ALL		484825	3718575	NonCancer	0.00E+00	1.36E-05	0.00E+00	2.29E-06	2.29E-06	1.25E-04	3.84E-04	0.00E+00	3.15E-06	0.00E+00	2.29E-06	3.27E-03	0.00E+00	0.00E+00	3.27E-03
1986	ALL		484875	3718575	NonCancer	0.00E+00	1.29E-05	0.00E+00	2.21E-06	2.21E-06	1.19E-04	3.65E-04	0.00E+00	3.00E-06	0.00E+00	2.21E-06	3.19E-03	0.00E+00	0.00E+00	3.19E-03
1987	ALL		484925	3718575	NonCancer	0.00E+00	1.23E-05	0.00E+00	2.27E-06	2.27E-06	1.13E-04	3.46E-04	0.00E+00	2.85E-06	0.00E+00	2.27E-06	3.51E-03	0.00E+00	0.00E+00	3.51E-03
1988	ALL		484975	3718575	NonCancer	0.00E+00	1.17E-05	0.00E+00	2.34E-06	2.34E-06	1.08E-04	3.28E-04	0.00E+00	2.70E-06	0.00E+00	2.34E-06	3.87E-03	0.00E+00	0.00E+00	3.87E-03
1989	ALL		485025	3718575	NonCancer	0.00E+00	1.10E-05	0.00E+00	2.28E-06	2.28E-06	1.02E-04	3.09E-04	0.00E+00	2.54E-06	0.00E+00	2.28E-06	3.87E-03	0.00E+00	0.00E+00	3.87E-03
1990	ALL		485075	3718575	NonCancer	0.00E+00	1.04E-05	0.00E+00	2.12E-06	2.12E-06	9.60E-05	2.92E-04	0.00E+00	2.41E-06	0.00E+00	2.12E-06	3.57E-03	0.00E+00	0.00E+00	3.57E-03
1991	ALL		485125	3718575	NonCancer	0.00E+00	9.86E-06	0.00E+00	1.91E-06	1.91E-06	9.12E-05	2.77E-04	0.00E+00	2.29E-06	0.00E+00	1.91E-06	3.08E-03	0.00E+00	0.00E+00	3.08E-03
1992	ALL		485175	3718575	NonCancer	0.00E+00	9.39E-06	0.00E+00	1.66E-06	1.66E-06	8.66E-05	2.63E-04	0.00E+00	2.18E-06	0.00E+00	1.66E-06	2.51E-03	0.00E+00	0.00E+00	2.51E-03
1993	ALL		485225	3718575	NonCancer	0.00E+00	8.84E-06	0.00E+00	1.48E-06	1.48E-06	8.15E-05	2.48E-04	0.00E+00	2.05E-06	0.00E+00	1.48E-06	2.12E-03	0.00E+00	0.00E+00	2.12E-03
1994	ALL		485275	3718575	NonCancer	0.00E+00	8.40E-06	0.00E+00	1.39E-06	1.39E-06	7.74E-05	2.35E-04	0.00E+00	1.95E-06	0.00E+00	1.39E-06	2.00E-03	0.00E+00	0.00E+00	2.00E-03
1995	ALL		485325	3718575	NonCancer	0.00E+00	8.00E-06	0.00E+00	1.33E-06	1.33E-06	7.38E-05	2.24E-04	0.00E+00	1.86E-06	0.00E+00	1.33E-06	1.92E-03	0.00E+00	0.00E+00	1.92E-03
1996	ALL		485375	3718575	NonCancer	0.00E+00	7.63E-06	0.00E+00	1.27E-06	1.27E-06	7.03E-05	2.14E-04	0.00E+00	1.77E-06	0.00E+00	1.27E-06	1.85E-03	0.00E+00	0.00E+00	1.85E-03
1997	ALL		485425	3718575	NonCancer	0.00E+00	7.27E-06	0.00E+00	1.21E-06	1.21E-06	6.70E-05	2.04E-04	0.00E+00	1.69E-06	0.00E+00	1.21E-06	1.76E-03	0.00E+00	0.00E+00	1.76E-03
1998	ALL		485475	3718575	NonCancer	0.00E+00	6.89E-06	0.00E+00	1.14E-06	1.14E-06	6.35E-05	1.93E-04	0.00E+00	1.60E-06	0.00E+00	1.14E-06	1.66E-03	0.00E+00	0.00E+00	1.66E-03
1999	ALL		482925	3718625	NonCancer	0.00E+00	4.71E-06	0.00E+00	2.30E-06	2.30E-06	4.49E-05	1.37E-04	0.00E+00	1.09E-06	0.00E+00	2.30E-06	5.67E-03	0.00E+00	0.00E+00	5.67E-03
2000	ALL		482975	3718625	NonCancer	0.00E+00	4.89E-06	0.00E+00	2.45E-06	2.45E-06	4.67E-05	1.42E-04	0.00E+00	1.13E-06	0.00E+00	2.45E-06	6.09E-03	0.00E+00	0.00E+00	6.09E-03
2001	ALL		483025	3718625	NonCancer	0.00E+00	5.05E-06	0.00E+00	2.61E-06	2.61E-06	4.83E-05	1.46E-04	0.00E+00	1.17E-06	0.00E+00	2.61E-06	6.50E-03	0.00E+00	0.00E+00	6.50E-03
2002	ALL		483075	3718625	NonCancer	0.00E+00	4.71E-06	0.00E+00	2.67E-06	2.67E-06	4.53E-05	1.37E-04	0.00E+00	1.09E-06	0.00E+00	2.67E-06	6.78E-03	0.00E+00	0.00E+00	6.78E-03
2003	ALL		483125	3718625	NonCancer	0.00E+00	4.70E-06	0.00E+00	2.62E-06	2.62E-06	4.51E-05	1.35E-04	0.00E+00	1.09E-06	0.00E+00	2.62E-06	6.67E-03	0.00E+00	0.00E+00	6.67E-03
2004	ALL		483175	3718625	NonCancer	0.00E+00	4.80E-06	0.00E+00	2.65E-06	2.65E-06	4.61E-05	1.38E-04	0.00E+00	1.11E-06	0.00E+00	2.65E-06	6.76E-03	0.00E+00	0.00E+00	6.76E-03
2005	ALL		483225	3718625	NonCancer	0.00E+00	5.11E-06	0.00E+00	2.81E-06	2.81E-06	4.91E-05	1.45E-04	0.00E+00	1.19E-06	0.00E+00	2.81E-06	7.19E-03	0.00E+00	0.00E+00	7.19E-03
2006	ALL		483275	3718625	NonCancer	0.00E+00	5.61E-06	0.00E+00	2.98E-06	2.98E-06	5.37E-05	1.58E-04	0.00E+00	1.30E-06	0.00E+00	2.98E-06	7.60E-03	0.00E+00	0.00E+00	7.60E-03
2007	ALL		483325	3718625	NonCancer	0.00E+00	6.23E-06	0.00E+00	3.15E-06	3.15E-06	5.96E-05	1.75E-04	0.00E+00	1.45E-06	0.00E+00	3.15E-06	7.97E-03	0.00E+00	0.00E+00	7.97E-03
2008	ALL		483375	3718625	NonCancer	0.00E+00	7.36E-06	0.00E+00	3.22E-06	3.22E-06	6.98E-05	2.06E-04	0.00E+00	1.71E-06	0.00E+00	3.22E-06	7.95E-03	0.00E+00	0.00E+00	7.95E-03
2009	ALL		483425	3718625	NonCancer	0.00E+00	8.90E-06	0.00E+00	3.64E-06	3.64E-06	8.42E-05	2.49E-04	0.00E+00	2.07E-06	0.00E+00	3.64E-06	8.77E-03	0.00E+00	0.00E+00	8.77E-03
2010	ALL		483475	3718625	NonCancer	0.00E+00	1.05E-05	0.00E+00	4.00E-06	4.00E-06	9.89E-05	2.93E-04	0.00E+00	2.43E-06	0.00E+00	4.00E-06	9.40E-03	0.00E+00	0.00E+00	9.40E-03
2011	ALL		483525	3718625	NonCancer	0.00E+00	1.17E-05	0.00E+00	4.27E-06	4.27E-06	1.10E-04	3.27E-04	0.00E+00	2.71E-06	0.00E+00	4.27E-06	9.84E-03	0.00E+00	0.00E+00	9.84E-03
2012	ALL		483575	3718625	NonCancer	0.00E+00	1.40E-05	0.00E+00	4.42E-06	4.42E-06	1.31E-04	3.93E-04	0.00E+00	3.25E-06	0.00E+00	4.42E-06	9.60E-03	0.00E+00	0.00E+00	9.60E-03
2013	ALL		483625	3718625	NonCancer	0.00E+00	1.62E-05	0.00E+00	4.00E-06	4.00E-06	1.51E-04	4.58E-04	0.00E+00	3.76E-06	0.00E+00	4.00E-06	7.93E-03	0.00E+00	0.00E+00	7.93E-03
2014	ALL		483675	3718625	NonCancer	0.00E+00	1.72E-05	0.00E+00	3.33E-06	3.33E-06	1.59E-04	4.88E-04	0.00E+00	4.00E-06	0.00E+00	3.33E-06	6.16E-03	0.00E+00	0.00E+00	6.16E-03
2015	ALL		483725	3718625	NonCancer	0.00E+00	1.82E-05	0.00E+00	3.29E-06	3.29E-06	1.68E-04	5.17E-04	0.00E+00	4.21E-06	0.00E+00	3.29E-06	5.93E-03	0.00E+00	0.00E+00	5.93E-03
2016	ALL		483775	3718625	NonCancer	0.00E+00	1.87E-05	0.00E+00	2.91E-06	2.91E-06	1.72E-04	5.37E-04	0.00E+00	4.33E-06	0.00E+00	2.91E-06	4.90E-03	0.00E+00	0.00E+00	4.90E-03
2017	ALL		483825	3718625	NonCancer	0.00E+00	1.88E-05	0.00E+00	2.67E-06	2.67E-06	1.73E-04	5.55E-04	0.00E+00	4.37E-06	0.00E+00	2.67E-06	4.12E-03	0.00E+00	0.00E+00	4.12E-03
2018	ALL		483875	3718625	NonCancer	0.00E+00	1.96E-05	0.00E+00	2.71E-06	2.71E-06	1.80E-04	5.89E-04	0.00E+00	4.56E-06	0.00E+00	2.71E-06	4.07E-03	0.00E+00	0.00E+00	4.07E-03
2019	ALL		483925	3718625	NonCancer	0.00E+00	2.13E-05	0.00E+00	2.82E-06	2.82E-06	1.96E-04	6.49E-04	0.00E+00	4.95E-06	0.00E+00	2.82E-06	4.22E-03	0.00E+00	0.00E+00	4.22E-03
2020	ALL		483975	3718625	NonCancer	0.00E+00	2.37E-05	0.00E+00	2.95E-06	2.95E-06	2.17E-04	7.39E-04	0.00E+00	5.49E-06	0.00E+00	2.95E-06	4.40E-03	0.00E+00	0.00E+00	4.40E-03
2021	ALL		484025	3718625	NonCancer	0.00E+00	2.86E-05	0.00E+00	3.11E-06	3.11E-06	2.62E-04	9.29E-04	0.00E+00	6.64E-06	0.00E+00	3.11E-06	4.63E-03	0.00E+00	0.00E+00	4.63E-03
2022	ALL		484075	3718625	NonCancer	0.00E+00	5.36E-05	0.00E+00	3.60E-06	3.60E-06	4.88E-04	1.89E-03	0.00E+00	1.24E-05	0.00E+00	3.60E-06	5.39E-03	0.00E+00	0.00E+00	5.39E-03
2023	ALL		484125	3718625	NonCancer	0.00E+00	5.97E-05	0.00E+00	3.76E-06	3.76E-06	5.44E-04	2.13E-03	0.00E+00	1.38E-05	0.00E+00	3.76E-06	5.64E-03	0.00E+00	0.00E+00	5.64E-03
2024	ALL		484175	3718625	NonCancer	0.00E+00	3.03E-05	0.00E+00	3.29E-06	3.29E-06	2.77E-04	9.93E-04	0.00E+00	7.03E-06	0.00E+00	3.29E-06	4.90E-03	0.00E+00	0.00E+00	4.90E-03
2025	ALL		484225	3718625	NonCancer	0.00E+00	2.47E-05	0.00E+00	3.21E-06	3.21E-06	2.27E-04	7.78E-04	0.00E+00	5.74E-06	0.00E+00	3.21E-06	4.75E-03	0.00E+00	0.00E+00	4.75E-03

*HARP - HRACalc v19044 3/19/2020 1:54:21 PM - Chronic Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitChronicHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
2026	ALL		484275	3718625	NonCancer	0.00E+00	2.22E-05	0.00E+00	3.15E-06	3.15E-06	2.04E-04	6.80E-04	0.00E+00	5.15E-06	0.00E+00	3.15E-06	4.64E-03	0.00E+00	0.00E+00	4.64E-03
2027	ALL		484325	3718625	NonCancer	0.00E+00	2.06E-05	0.00E+00	3.09E-06	3.09E-06	1.90E-04	6.20E-04	0.00E+00	4.78E-06	0.00E+00	3.09E-06	4.52E-03	0.00E+00	0.00E+00	4.52E-03
2028	ALL		484375	3718625	NonCancer	0.00E+00	1.94E-05	0.00E+00	3.51E-06	3.51E-06	1.80E-04	5.78E-04	0.00E+00	4.51E-06	0.00E+00	3.51E-06	5.79E-03	0.00E+00	0.00E+00	5.79E-03
2029	ALL		484425	3718625	NonCancer	0.00E+00	1.85E-05	0.00E+00	3.69E-06	3.69E-06	1.71E-04	5.44E-04	0.00E+00	4.29E-06	0.00E+00	3.69E-06	6.40E-03	0.00E+00	0.00E+00	6.40E-03
2030	ALL		484475	3718625	NonCancer	0.00E+00	1.76E-05	0.00E+00	3.44E-06	3.44E-06	1.63E-04	5.15E-04	0.00E+00	4.09E-06	0.00E+00	3.44E-06	5.79E-03	0.00E+00	0.00E+00	5.79E-03
2031	ALL		484525	3718625	NonCancer	0.00E+00	1.69E-05	0.00E+00	2.90E-06	2.90E-06	1.56E-04	4.89E-04	0.00E+00	3.91E-06	0.00E+00	2.90E-06	4.39E-03	0.00E+00	0.00E+00	4.39E-03
2032	ALL		484575	3718625	NonCancer	0.00E+00	1.61E-05	0.00E+00	2.80E-06	2.80E-06	1.49E-04	4.64E-04	0.00E+00	3.74E-06	0.00E+00	2.80E-06	4.25E-03	0.00E+00	0.00E+00	4.25E-03
2033	ALL		484625	3718625	NonCancer	0.00E+00	1.54E-05	0.00E+00	2.82E-06	2.82E-06	1.42E-04	4.42E-04	0.00E+00	3.57E-06	0.00E+00	2.82E-06	4.43E-03	0.00E+00	0.00E+00	4.43E-03
2034	ALL		484675	3718625	NonCancer	0.00E+00	1.47E-05	0.00E+00	2.72E-06	2.72E-06	1.36E-04	4.20E-04	0.00E+00	3.41E-06	0.00E+00	2.72E-06	4.30E-03	0.00E+00	0.00E+00	4.30E-03
2035	ALL		484725	3718625	NonCancer	0.00E+00	1.40E-05	0.00E+00	2.47E-06	2.47E-06	1.29E-04	3.99E-04	0.00E+00	3.26E-06	0.00E+00	2.47E-06	3.75E-03	0.00E+00	0.00E+00	3.75E-03
2036	ALL		484775	3718625	NonCancer	0.00E+00	1.34E-05	0.00E+00	2.25E-06	2.25E-06	1.23E-04	3.80E-04	0.00E+00	3.10E-06	0.00E+00	2.25E-06	3.27E-03	0.00E+00	0.00E+00	3.27E-03
2037	ALL		484825	3718625	NonCancer	0.00E+00	1.28E-05	0.00E+00	2.16E-06	2.16E-06	1.18E-04	3.62E-04	0.00E+00	2.97E-06	0.00E+00	2.16E-06	3.13E-03	0.00E+00	0.00E+00	3.13E-03
2038	ALL		484875	3718625	NonCancer	0.00E+00	1.22E-05	0.00E+00	2.07E-06	2.07E-06	1.13E-04	3.45E-04	0.00E+00	2.83E-06	0.00E+00	2.07E-06	3.00E-03	0.00E+00	0.00E+00	3.00E-03
2039	ALL		484925	3718625	NonCancer	0.00E+00	1.16E-05	0.00E+00	1.96E-06	1.96E-06	1.07E-04	3.27E-04	0.00E+00	2.69E-06	0.00E+00	1.96E-06	2.85E-03	0.00E+00	0.00E+00	2.85E-03
2040	ALL		484975	3718625	NonCancer	0.00E+00	1.10E-05	0.00E+00	2.01E-06	2.01E-06	1.02E-04	3.11E-04	0.00E+00	2.56E-06	0.00E+00	2.01E-06	3.11E-03	0.00E+00	0.00E+00	3.11E-03
2041	ALL		485025	3718625	NonCancer	0.00E+00	1.04E-05	0.00E+00	2.06E-06	2.06E-06	9.66E-05	2.94E-04	0.00E+00	2.42E-06	0.00E+00	2.06E-06	3.41E-03	0.00E+00	0.00E+00	3.41E-03
2042	ALL		485075	3718625	NonCancer	0.00E+00	9.96E-06	0.00E+00	2.04E-06	2.04E-06	9.22E-05	2.80E-04	0.00E+00	2.31E-06	0.00E+00	2.04E-06	3.47E-03	0.00E+00	0.00E+00	3.47E-03
2043	ALL		485125	3718625	NonCancer	0.00E+00	9.44E-06	0.00E+00	1.92E-06	1.92E-06	8.73E-05	2.66E-04	0.00E+00	2.19E-06	0.00E+00	1.92E-06	3.24E-03	0.00E+00	0.00E+00	3.24E-03
2044	ALL		485175	3718625	NonCancer	0.00E+00	8.94E-06	0.00E+00	1.73E-06	1.73E-06	8.27E-05	2.51E-04	0.00E+00	2.07E-06	0.00E+00	1.73E-06	2.82E-03	0.00E+00	0.00E+00	2.82E-03
2045	ALL		485225	3718625	NonCancer	0.00E+00	8.50E-06	0.00E+00	1.52E-06	1.52E-06	7.85E-05	2.39E-04	0.00E+00	1.97E-06	0.00E+00	1.52E-06	2.33E-03	0.00E+00	0.00E+00	2.33E-03
2046	ALL		485275	3718625	NonCancer	0.00E+00	8.11E-06	0.00E+00	1.35E-06	1.35E-06	7.47E-05	2.28E-04	0.00E+00	1.88E-06	0.00E+00	1.35E-06	1.96E-03	0.00E+00	0.00E+00	1.96E-03
2047	ALL		485325	3718625	NonCancer	0.00E+00	7.74E-06	0.00E+00	1.29E-06	1.29E-06	7.14E-05	2.17E-04	0.00E+00	1.80E-06	0.00E+00	1.29E-06	1.87E-03	0.00E+00	0.00E+00	1.87E-03
2048	ALL		485375	3718625	NonCancer	0.00E+00	7.40E-06	0.00E+00	1.23E-06	1.23E-06	6.82E-05	2.08E-04	0.00E+00	1.72E-06	0.00E+00	1.23E-06	1.78E-03	0.00E+00	0.00E+00	1.78E-03
2049	ALL		485425	3718625	NonCancer	0.00E+00	7.07E-06	0.00E+00	1.18E-06	1.18E-06	6.52E-05	1.98E-04	0.00E+00	1.64E-06	0.00E+00	1.18E-06	1.72E-03	0.00E+00	0.00E+00	1.72E-03
2050	ALL		485475	3718625	NonCancer	0.00E+00	6.75E-06	0.00E+00	1.12E-06	1.12E-06	6.22E-05	1.89E-04	0.00E+00	1.57E-06	0.00E+00	1.12E-06	1.65E-03	0.00E+00	0.00E+00	1.65E-03
2051	ALL		482925	3718675	NonCancer	0.00E+00	4.82E-06	0.00E+00	2.17E-06	2.17E-06	4.58E-05	1.40E-04	0.00E+00	1.12E-06	0.00E+00	2.17E-06	5.29E-03	0.00E+00	0.00E+00	5.29E-03
2052	ALL		482975	3718675	NonCancer	0.00E+00	5.04E-06	0.00E+00	2.36E-06	2.36E-06	4.80E-05	1.46E-04	0.00E+00	1.17E-06	0.00E+00	2.36E-06	5.79E-03	0.00E+00	0.00E+00	5.79E-03
2053	ALL		483025	3718675	NonCancer	0.00E+00	5.15E-06	0.00E+00	2.57E-06	2.57E-06	4.92E-05	1.49E-04	0.00E+00	1.19E-06	0.00E+00	2.57E-06	6.38E-03	0.00E+00	0.00E+00	6.38E-03
2054	ALL		483075	3718675	NonCancer	0.00E+00	4.96E-06	0.00E+00	2.69E-06	2.69E-06	4.76E-05	1.43E-04	0.00E+00	1.15E-06	0.00E+00	2.69E-06	6.77E-03	0.00E+00	0.00E+00	6.77E-03
2055	ALL		483125	3718675	NonCancer	0.00E+00	4.96E-06	0.00E+00	2.61E-06	2.61E-06	4.75E-05	1.42E-04	0.00E+00	1.15E-06	0.00E+00	2.61E-06	6.59E-03	0.00E+00	0.00E+00	6.59E-03
2056	ALL		483175	3718675	NonCancer	0.00E+00	5.12E-06	0.00E+00	2.61E-06	2.61E-06	4.89E-05	1.46E-04	0.00E+00	1.19E-06	0.00E+00	2.61E-06	6.60E-03	0.00E+00	0.00E+00	6.60E-03
2057	ALL		483225	3718675	NonCancer	0.00E+00	5.39E-06	0.00E+00	2.76E-06	2.76E-06	5.15E-05	1.53E-04	0.00E+00	1.25E-06	0.00E+00	2.76E-06	6.98E-03	0.00E+00	0.00E+00	6.98E-03
2058	ALL		483275	3718675	NonCancer	0.00E+00	5.75E-06	0.00E+00	2.92E-06	2.92E-06	5.50E-05	1.62E-04	0.00E+00	1.33E-06	0.00E+00	2.92E-06	7.39E-03	0.00E+00	0.00E+00	7.39E-03
2059	ALL		483325	3718675	NonCancer	0.00E+00	6.27E-06	0.00E+00	3.13E-06	3.13E-06	5.99E-05	1.76E-04	0.00E+00	1.45E-06	0.00E+00	3.13E-06	7.90E-03	0.00E+00	0.00E+00	7.90E-03
2060	ALL		483375	3718675	NonCancer	0.00E+00	7.17E-06	0.00E+00	3.22E-06	3.22E-06	6.81E-05	2.00E-04	0.00E+00	1.66E-06	0.00E+00	3.22E-06	7.96E-03	0.00E+00	0.00E+00	7.96E-03
2061	ALL		483425	3718675	NonCancer	0.00E+00	8.33E-06	0.00E+00	3.38E-06	3.38E-06	7.88E-05	2.32E-04	0.00E+00	1.93E-06	0.00E+00	3.38E-06	8.12E-03	0.00E+00	0.00E+00	8.12E-03
2062	ALL		483475	3718675	NonCancer	0.00E+00	9.38E-06	0.00E+00	3.63E-06	3.63E-06	8.85E-05	2.62E-04	0.00E+00	2.18E-06	0.00E+00	3.63E-06	8.55E-03	0.00E+00	0.00E+00	8.55E-03
2063	ALL		483525	3718675	NonCancer	0.00E+00	1.09E-05	0.00E+00	4.05E-06	4.05E-06	1.03E-04	3.05E-04	0.00E+00	2.53E-06	0.00E+00	4.05E-06	9.31E-03	0.00E+00	0.00E+00	9.31E-03
2064	ALL		483575	3718675	NonCancer	0.00E+00	1.26E-05	0.00E+00	4.44E-06	4.44E-06	1.19E-04	3.55E-04	0.00E+00	2.93E-06	0.00E+00	4.44E-06	9.87E-03	0.00E+00	0.00E+00	9.87E-03
2065	ALL		483625	3718675	NonCancer	0.00E+00	1.54E-05	0.00E+00	4.25E-06	4.25E-06	1.44E-04	4.36E-04	0.00E+00	3.58E-06	0.00E+00	4.25E-06	8.62E-03	0.00E+00	0.00E+00	8.62E-03
2066	ALL		483675	3718675	NonCancer	0.00E+00	1.68E-05	0.00E+00	3.97E-06	3.97E-06	1.56E-04	4.77E-04	0.00E+00	3.89E-06	0.00E+00	3.97E-06	7.64E-03	0.00E+00	0.00E+00	7.64E-03
2067	ALL		483725	3718675	NonCancer	0.00E+00	1.76E-05	0.00E+00	3.48E-06	3.48E-06	1.62E-04	5.00E-04	0.00E+00	4.07E-06	0.00E+00	3.48E-06	6.48E-03	0.00E+00	0.00E+00	6.48E-03
2068	ALL		483775	3718675	NonCancer	0.00E+00	1.75E-05	0.00E+00	2.55E-06	2.55E-06	1.61E-04	5.06E-04	0.00E+00	4.05E-06	0.00E+00	2.55E-06	4.17E-03	0.00E+00	0.00E+00	4.17E-03
2069	ALL		483825	3718675	NonCancer	0.00E+00	1.81E-05	0.00E+00	2.41E-06	2.41E-06	1.67E-04	5.33E-04	0.00E+00	4.21E-06	0.00E+00	2.41E-06	3.65E-03	0.00E+00	0.00E+00	3.65E-03
2070	ALL		483875	3718675	NonCancer	0.00E+00	1.87E-05	0.00E+00	2.50E-06	2.50E-06	1.72E-04	5.62E-04	0.00E+00	4.34E-06	0.00E+00	2.50E-06	3.75E-03	0.00E+00	0.00E+00	3.75E-03

*HARP - HRACalc v19044 3/19/2020 1:54:21 PM - Chronic Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitChronicHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
2071	ALL		483925	3718675	NonCancer	0.00E+00	2.05E-05	0.00E+00	2.60E-06	2.60E-06	1.88E-04	6.22E-04	0.00E+00	4.76E-06	0.00E+00	2.60E-06	3.90E-03	0.00E+00	0.00E+00	3.90E-03
2072	ALL		483975	3718675	NonCancer	0.00E+00	2.25E-05	0.00E+00	2.71E-06	2.71E-06	2.06E-04	7.00E-04	0.00E+00	5.22E-06	0.00E+00	2.71E-06	4.08E-03	0.00E+00	0.00E+00	4.08E-03
2073	ALL		484025	3718675	NonCancer	0.00E+00	2.69E-05	0.00E+00	2.83E-06	2.83E-06	2.46E-04	8.78E-04	0.00E+00	6.24E-06	0.00E+00	2.83E-06	4.23E-03	0.00E+00	0.00E+00	4.23E-03
2074	ALL		484075	3718675	NonCancer	0.00E+00	4.83E-05	0.00E+00	3.28E-06	3.28E-06	4.40E-04	1.70E-03	0.00E+00	1.12E-05	0.00E+00	3.28E-06	4.95E-03	0.00E+00	0.00E+00	4.95E-03
2075	ALL		484125	3718675	NonCancer	0.00E+00	6.37E-05	0.00E+00	3.58E-06	3.58E-06	5.80E-04	2.30E-03	0.00E+00	1.48E-05	0.00E+00	3.58E-06	5.42E-03	0.00E+00	0.00E+00	5.42E-03
2076	ALL		484175	3718675	NonCancer	0.00E+00	2.92E-05	0.00E+00	3.00E-06	3.00E-06	2.68E-04	9.69E-04	0.00E+00	6.78E-06	0.00E+00	3.00E-06	4.47E-03	0.00E+00	0.00E+00	4.47E-03
2077	ALL		484225	3718675	NonCancer	0.00E+00	2.34E-05	0.00E+00	2.89E-06	2.89E-06	2.15E-04	7.44E-04	0.00E+00	5.44E-06	0.00E+00	2.89E-06	4.26E-03	0.00E+00	0.00E+00	4.26E-03
2078	ALL		484275	3718675	NonCancer	0.00E+00	2.08E-05	0.00E+00	2.87E-06	2.87E-06	1.91E-04	6.44E-04	0.00E+00	4.83E-06	0.00E+00	2.87E-06	4.26E-03	0.00E+00	0.00E+00	4.26E-03
2079	ALL		484325	3718675	NonCancer	0.00E+00	1.92E-05	0.00E+00	2.81E-06	2.81E-06	1.77E-04	5.83E-04	0.00E+00	4.46E-06	0.00E+00	2.81E-06	4.14E-03	0.00E+00	0.00E+00	4.14E-03
2080	ALL		484375	3718675	NonCancer	0.00E+00	1.81E-05	0.00E+00	3.08E-06	3.08E-06	1.67E-04	5.41E-04	0.00E+00	4.20E-06	0.00E+00	3.08E-06	4.99E-03	0.00E+00	0.00E+00	4.99E-03
2081	ALL		484425	3718675	NonCancer	0.00E+00	1.72E-05	0.00E+00	3.30E-06	3.30E-06	1.59E-04	5.09E-04	0.00E+00	3.99E-06	0.00E+00	3.30E-06	5.69E-03	0.00E+00	0.00E+00	5.69E-03
2082	ALL		484475	3718675	NonCancer	0.00E+00	1.64E-05	0.00E+00	3.17E-06	3.17E-06	1.52E-04	4.81E-04	0.00E+00	3.80E-06	0.00E+00	3.17E-06	5.39E-03	0.00E+00	0.00E+00	5.39E-03
2083	ALL		484525	3718675	NonCancer	0.00E+00	1.57E-05	0.00E+00	2.75E-06	2.75E-06	1.45E-04	4.57E-04	0.00E+00	3.64E-06	0.00E+00	2.75E-06	4.31E-03	0.00E+00	0.00E+00	4.31E-03
2084	ALL		484575	3718675	NonCancer	0.00E+00	1.50E-05	0.00E+00	2.51E-06	2.51E-06	1.38E-04	4.35E-04	0.00E+00	3.48E-06	0.00E+00	2.51E-06	3.72E-03	0.00E+00	0.00E+00	3.72E-03
2085	ALL		484625	3718675	NonCancer	0.00E+00	1.44E-05	0.00E+00	2.55E-06	2.55E-06	1.33E-04	4.14E-04	0.00E+00	3.33E-06	0.00E+00	2.55E-06	3.96E-03	0.00E+00	0.00E+00	3.96E-03
2086	ALL		484675	3718675	NonCancer	0.00E+00	1.37E-05	0.00E+00	2.48E-06	2.48E-06	1.27E-04	3.94E-04	0.00E+00	3.19E-06	0.00E+00	2.48E-06	3.91E-03	0.00E+00	0.00E+00	3.91E-03
2087	ALL		484725	3718675	NonCancer	0.00E+00	1.31E-05	0.00E+00	2.36E-06	2.36E-06	1.21E-04	3.76E-04	0.00E+00	3.05E-06	0.00E+00	2.36E-06	3.67E-03	0.00E+00	0.00E+00	3.67E-03
2088	ALL		484775	3718675	NonCancer	0.00E+00	1.26E-05	0.00E+00	2.10E-06	2.10E-06	1.16E-04	3.58E-04	0.00E+00	2.91E-06	0.00E+00	2.10E-06	3.07E-03	0.00E+00	0.00E+00	3.07E-03
2089	ALL		484825	3718675	NonCancer	0.00E+00	1.20E-05	0.00E+00	2.00E-06	2.00E-06	1.10E-04	3.41E-04	0.00E+00	2.78E-06	0.00E+00	2.00E-06	2.93E-03	0.00E+00	0.00E+00	2.93E-03
2090	ALL		484875	3718675	NonCancer	0.00E+00	1.15E-05	0.00E+00	1.92E-06	1.92E-06	1.06E-04	3.25E-04	0.00E+00	2.66E-06	0.00E+00	1.92E-06	2.80E-03	0.00E+00	0.00E+00	2.80E-03
2091	ALL		484925	3718675	NonCancer	0.00E+00	1.09E-05	0.00E+00	1.81E-06	1.81E-06	1.01E-04	3.09E-04	0.00E+00	2.53E-06	0.00E+00	1.81E-06	2.62E-03	0.00E+00	0.00E+00	2.62E-03
2092	ALL		484975	3718675	NonCancer	0.00E+00	1.04E-05	0.00E+00	1.76E-06	1.76E-06	9.62E-05	2.95E-04	0.00E+00	2.42E-06	0.00E+00	1.76E-06	2.57E-03	0.00E+00	0.00E+00	2.57E-03
2093	ALL		485025	3718675	NonCancer	0.00E+00	1.00E-05	0.00E+00	1.80E-06	1.80E-06	9.23E-05	2.82E-04	0.00E+00	2.32E-06	0.00E+00	1.80E-06	2.78E-03	0.00E+00	0.00E+00	2.78E-03
2094	ALL		485075	3718675	NonCancer	0.00E+00	9.56E-06	0.00E+00	1.86E-06	1.86E-06	8.84E-05	2.70E-04	0.00E+00	2.22E-06	0.00E+00	1.86E-06	3.07E-03	0.00E+00	0.00E+00	3.07E-03
2095	ALL		485125	3718675	NonCancer	0.00E+00	9.06E-06	0.00E+00	1.84E-06	1.84E-06	8.38E-05	2.56E-04	0.00E+00	2.10E-06	0.00E+00	1.84E-06	3.11E-03	0.00E+00	0.00E+00	3.11E-03
2096	ALL		485175	3718675	NonCancer	0.00E+00	8.54E-06	0.00E+00	1.72E-06	1.72E-06	7.90E-05	2.41E-04	0.00E+00	1.98E-06	0.00E+00	1.72E-06	2.92E-03	0.00E+00	0.00E+00	2.92E-03
2097	ALL		485225	3718675	NonCancer	0.00E+00	8.18E-06	0.00E+00	1.58E-06	1.58E-06	7.56E-05	2.30E-04	0.00E+00	1.90E-06	0.00E+00	1.58E-06	2.60E-03	0.00E+00	0.00E+00	2.60E-03
2098	ALL		485275	3718675	NonCancer	0.00E+00	7.83E-06	0.00E+00	1.41E-06	1.41E-06	7.23E-05	2.20E-04	0.00E+00	1.82E-06	0.00E+00	1.41E-06	2.20E-03	0.00E+00	0.00E+00	2.20E-03
2099	ALL		485325	3718675	NonCancer	0.00E+00	7.49E-06	0.00E+00	1.25E-06	1.25E-06	6.90E-05	2.11E-04	0.00E+00	1.74E-06	0.00E+00	1.25E-06	1.83E-03	0.00E+00	0.00E+00	1.83E-03
2100	ALL		485375	3718675	NonCancer	0.00E+00	7.17E-06	0.00E+00	1.19E-06	1.19E-06	6.61E-05	2.01E-04	0.00E+00	1.66E-06	0.00E+00	1.19E-06	1.75E-03	0.00E+00	0.00E+00	1.75E-03
2101	ALL		485425	3718675	NonCancer	0.00E+00	6.86E-06	0.00E+00	1.14E-06	1.14E-06	6.33E-05	1.93E-04	0.00E+00	1.59E-06	0.00E+00	1.14E-06	1.67E-03	0.00E+00	0.00E+00	1.67E-03
2102	ALL		485475	3718675	NonCancer	0.00E+00	6.58E-06	0.00E+00	1.10E-06	1.10E-06	6.07E-05	1.85E-04	0.00E+00	1.53E-06	0.00E+00	1.10E-06	1.61E-03	0.00E+00	0.00E+00	1.61E-03
2103	ALL		482925	3718725	NonCancer	0.00E+00	4.69E-06	0.00E+00	2.28E-06	2.28E-06	4.47E-05	1.36E-04	0.00E+00	1.09E-06	0.00E+00	2.28E-06	5.64E-03	0.00E+00	0.00E+00	5.64E-03
2104	ALL		482975	3718725	NonCancer	0.00E+00	5.01E-06	0.00E+00	2.38E-06	2.38E-06	4.77E-05	1.45E-04	0.00E+00	1.16E-06	0.00E+00	2.38E-06	5.86E-03	0.00E+00	0.00E+00	5.86E-03
2105	ALL		483025	3718725	NonCancer	0.00E+00	5.27E-06	0.00E+00	2.48E-06	2.48E-06	5.02E-05	1.52E-04	0.00E+00	1.22E-06	0.00E+00	2.48E-06	6.11E-03	0.00E+00	0.00E+00	6.11E-03
2106	ALL		483075	3718725	NonCancer	0.00E+00	5.24E-06	0.00E+00	2.64E-06	2.64E-06	5.01E-05	1.50E-04	0.00E+00	1.22E-06	0.00E+00	2.64E-06	6.58E-03	0.00E+00	0.00E+00	6.58E-03
2107	ALL		483125	3718725	NonCancer	0.00E+00	5.30E-06	0.00E+00	2.68E-06	2.68E-06	5.06E-05	1.51E-04	0.00E+00	1.23E-06	0.00E+00	2.68E-06	6.72E-03	0.00E+00	0.00E+00	6.72E-03
2108	ALL		483175	3718725	NonCancer	0.00E+00	5.53E-06	0.00E+00	2.72E-06	2.72E-06	5.28E-05	1.57E-04	0.00E+00	1.28E-06	0.00E+00	2.72E-06	6.79E-03	0.00E+00	0.00E+00	6.79E-03
2109	ALL		483225	3718725	NonCancer	0.00E+00	5.69E-06	0.00E+00	2.69E-06	2.69E-06	5.42E-05	1.61E-04	0.00E+00	1.32E-06	0.00E+00	2.69E-06	6.70E-03	0.00E+00	0.00E+00	6.70E-03
2110	ALL		483275	3718725	NonCancer	0.00E+00	5.96E-06	0.00E+00	2.85E-06	2.85E-06	5.68E-05	1.67E-04	0.00E+00	1.38E-06	0.00E+00	2.85E-06	7.13E-03	0.00E+00	0.00E+00	7.13E-03
2111	ALL		483325	3718725	NonCancer	0.00E+00	6.37E-06	0.00E+00	3.07E-06	3.07E-06	6.07E-05	1.78E-04	0.00E+00	1.48E-06	0.00E+00	3.07E-06	7.67E-03	0.00E+00	0.00E+00	7.67E-03
2112	ALL		483375	3718725	NonCancer	0.00E+00	7.05E-06	0.00E+00	3.27E-06	3.27E-06	6.71E-05	1.97E-04	0.00E+00	1.64E-06	0.00E+00	3.27E-06	8.09E-03	0.00E+00	0.00E+00	8.09E-03
2113	ALL		483425	3718725	NonCancer	0.00E+00	7.89E-06	0.00E+00	3.40E-06	3.40E-06	7.48E-05	2.20E-04	0.00E+00	1.83E-06	0.00E+00	3.40E-06	8.25E-03	0.00E+00	0.00E+00	8.25E-03
2114	ALL		483475	3718725	NonCancer	0.00E+00	9.00E-06	0.00E+00	3.50E-06	3.50E-06	8.49E-05	2.51E-04	0.00E+00	2.09E-06	0.00E+00	3.50E-06	8.22E-03	0.00E+00	0.00E+00	8.22E-03
2115	ALL		483525	3718725	NonCancer	0.00E+00	1.04E-05	0.00E+00	3.84E-06	3.84E-06	9.78E-05	2.91E-04	0.00E+00	2.41E-06	0.00E+00	3.84E-06	8.75E-03	0.00E+00	0.00E+00	8.75E-03

*HARP - HRACalc v19044 3/19/2020 1:54:21 PM - Chronic Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitChronicHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
2116	ALL		483575	3718725	NonCancei	0.00E+00	1.20E-05	0.00E+00	4.31E-06	4.31E-06	1.13E-04	3.38E-04	0.00E+00	2.78E-06	0.00E+00	4.31E-06	9.60E-03	0.00E+00	0.00E+00	9.60E-03
2117	ALL		483625	3718725	NonCancei	0.00E+00	1.38E-05	0.00E+00	4.61E-06	4.61E-06	1.29E-04	3.91E-04	0.00E+00	3.20E-06	0.00E+00	4.61E-06	9.87E-03	0.00E+00	0.00E+00	9.87E-03
2118	ALL		483675	3718725	NonCancei	0.00E+00	1.58E-05	0.00E+00	4.34E-06	4.34E-06	1.47E-04	4.50E-04	0.00E+00	3.66E-06	0.00E+00	4.34E-06	8.63E-03	0.00E+00	0.00E+00	8.63E-03
2119	ALL		483725	3718725	NonCancei	0.00E+00	1.68E-05	0.00E+00	3.70E-06	3.70E-06	1.56E-04	4.83E-04	0.00E+00	3.91E-06	0.00E+00	3.70E-06	6.95E-03	0.00E+00	0.00E+00	6.95E-03
2120	ALL		483775	3718725	NonCancei	0.00E+00	1.72E-05	0.00E+00	3.14E-06	3.14E-06	1.59E-04	4.98E-04	0.00E+00	4.00E-06	0.00E+00	3.14E-06	5.77E-03	0.00E+00	0.00E+00	5.77E-03
2121	ALL		483825	3718725	NonCancei	0.00E+00	1.78E-05	0.00E+00	2.99E-06	2.99E-06	1.64E-04	5.20E-04	0.00E+00	4.13E-06	0.00E+00	2.99E-06	5.37E-03	0.00E+00	0.00E+00	5.37E-03
2122	ALL		483875	3718725	NonCancei	0.00E+00	1.82E-05	0.00E+00	2.32E-06	2.32E-06	1.67E-04	5.45E-04	0.00E+00	4.22E-06	0.00E+00	2.32E-06	3.51E-03	0.00E+00	0.00E+00	3.51E-03
2123	ALL		483925	3718725	NonCancei	0.00E+00	1.95E-05	0.00E+00	2.66E-06	2.66E-06	1.79E-04	5.94E-04	0.00E+00	4.53E-06	0.00E+00	2.66E-06	4.36E-03	0.00E+00	0.00E+00	4.36E-03
2124	ALL		483975	3718725	NonCancei	0.00E+00	2.13E-05	0.00E+00	2.74E-06	2.74E-06	1.96E-04	6.66E-04	0.00E+00	4.95E-06	0.00E+00	2.74E-06	4.45E-03	0.00E+00	0.00E+00	4.45E-03
2125	ALL		484025	3718725	NonCancei	0.00E+00	2.55E-05	0.00E+00	2.62E-06	2.62E-06	2.33E-04	8.35E-04	0.00E+00	5.91E-06	0.00E+00	2.62E-06	3.94E-03	0.00E+00	0.00E+00	3.94E-03
2126	ALL		484075	3718725	NonCancei	0.00E+00	4.40E-05	0.00E+00	3.00E-06	3.00E-06	4.02E-04	1.55E-03	0.00E+00	1.02E-05	0.00E+00	3.00E-06	4.56E-03	0.00E+00	0.00E+00	4.56E-03
2127	ALL		484125	3718725	NonCancei	0.00E+00	6.87E-05	0.00E+00	3.45E-06	3.45E-06	6.25E-04	2.51E-03	0.00E+00	1.59E-05	0.00E+00	3.45E-06	5.27E-03	0.00E+00	0.00E+00	5.27E-03
2128	ALL		484175	3718725	NonCancei	0.00E+00	2.84E-05	0.00E+00	2.74E-06	2.74E-06	2.60E-04	9.52E-04	0.00E+00	6.59E-06	0.00E+00	2.74E-06	4.10E-03	0.00E+00	0.00E+00	4.10E-03
2129	ALL		484225	3718725	NonCancei	0.00E+00	2.23E-05	0.00E+00	2.62E-06	2.62E-06	2.05E-04	7.16E-04	0.00E+00	5.18E-06	0.00E+00	2.62E-06	3.85E-03	0.00E+00	0.00E+00	3.85E-03
2130	ALL		484275	3718725	NonCancei	0.00E+00	1.96E-05	0.00E+00	2.62E-06	2.62E-06	1.80E-04	6.13E-04	0.00E+00	4.56E-06	0.00E+00	2.62E-06	3.93E-03	0.00E+00	0.00E+00	3.93E-03
2131	ALL		484325	3718725	NonCancei	0.00E+00	1.81E-05	0.00E+00	2.57E-06	2.57E-06	1.66E-04	5.52E-04	0.00E+00	4.19E-06	0.00E+00	2.57E-06	3.82E-03	0.00E+00	0.00E+00	3.82E-03
2132	ALL		484375	3718725	NonCancei	0.00E+00	1.69E-05	0.00E+00	2.73E-06	2.73E-06	1.56E-04	5.10E-04	0.00E+00	3.93E-06	0.00E+00	2.73E-06	4.33E-03	0.00E+00	0.00E+00	4.33E-03
2133	ALL		484425	3718725	NonCancei	0.00E+00	1.60E-05	0.00E+00	2.96E-06	2.96E-06	1.48E-04	4.78E-04	0.00E+00	3.72E-06	0.00E+00	2.96E-06	5.05E-03	0.00E+00	0.00E+00	5.05E-03
2134	ALL		484475	3718725	NonCancei	0.00E+00	1.53E-05	0.00E+00	2.91E-06	2.91E-06	1.41E-04	4.52E-04	0.00E+00	3.55E-06	0.00E+00	2.91E-06	4.99E-03	0.00E+00	0.00E+00	4.99E-03
2135	ALL		484525	3718725	NonCancei	0.00E+00	1.46E-05	0.00E+00	2.60E-06	2.60E-06	1.35E-04	4.29E-04	0.00E+00	3.40E-06	0.00E+00	2.60E-06	4.18E-03	0.00E+00	0.00E+00	4.18E-03
2136	ALL		484575	3718725	NonCancei	0.00E+00	1.40E-05	0.00E+00	2.28E-06	2.28E-06	1.29E-04	4.08E-04	0.00E+00	3.25E-06	0.00E+00	2.28E-06	3.37E-03	0.00E+00	0.00E+00	3.37E-03
2137	ALL		484625	3718725	NonCancei	0.00E+00	1.34E-05	0.00E+00	2.28E-06	2.28E-06	1.24E-04	3.89E-04	0.00E+00	3.12E-06	0.00E+00	2.28E-06	3.47E-03	0.00E+00	0.00E+00	3.47E-03
2138	ALL		484675	3718725	NonCancei	0.00E+00	1.29E-05	0.00E+00	2.28E-06	2.28E-06	1.19E-04	3.71E-04	0.00E+00	2.98E-06	0.00E+00	2.28E-06	3.58E-03	0.00E+00	0.00E+00	3.58E-03
2139	ALL		484725	3718725	NonCancei	0.00E+00	1.23E-05	0.00E+00	2.20E-06	2.20E-06	1.14E-04	3.54E-04	0.00E+00	2.86E-06	0.00E+00	2.20E-06	3.47E-03	0.00E+00	0.00E+00	3.47E-03
2140	ALL		484775	3718725	NonCancei	0.00E+00	1.18E-05	0.00E+00	2.04E-06	2.04E-06	1.09E-04	3.38E-04	0.00E+00	2.74E-06	0.00E+00	2.04E-06	3.10E-03	0.00E+00	0.00E+00	3.10E-03
2141	ALL		484825	3718725	NonCancei	0.00E+00	1.13E-05	0.00E+00	1.87E-06	1.87E-06	1.04E-04	3.22E-04	0.00E+00	2.62E-06	0.00E+00	1.87E-06	2.75E-03	0.00E+00	0.00E+00	2.75E-03
2142	ALL		484875	3718725	NonCancei	0.00E+00	1.08E-05	0.00E+00	1.79E-06	1.79E-06	9.95E-05	3.07E-04	0.00E+00	2.50E-06	0.00E+00	1.79E-06	2.62E-03	0.00E+00	0.00E+00	2.62E-03
2143	ALL		484925	3718725	NonCancei	0.00E+00	1.03E-05	0.00E+00	1.70E-06	1.70E-06	9.52E-05	2.93E-04	0.00E+00	2.40E-06	0.00E+00	1.70E-06	2.48E-03	0.00E+00	0.00E+00	2.48E-03
2144	ALL		484975	3718725	NonCancei	0.00E+00	9.90E-06	0.00E+00	1.64E-06	1.64E-06	9.13E-05	2.81E-04	0.00E+00	2.30E-06	0.00E+00	1.64E-06	2.40E-03	0.00E+00	0.00E+00	2.40E-03
2145	ALL		485025	3718725	NonCancei	0.00E+00	9.52E-06	0.00E+00	1.61E-06	1.61E-06	8.78E-05	2.69E-04	0.00E+00	2.21E-06	0.00E+00	1.61E-06	2.38E-03	0.00E+00	0.00E+00	2.38E-03
2146	ALL		485075	3718725	NonCancei	0.00E+00	9.14E-06	0.00E+00	1.62E-06	1.62E-06	8.44E-05	2.59E-04	0.00E+00	2.12E-06	0.00E+00	1.62E-06	2.51E-03	0.00E+00	0.00E+00	2.51E-03
2147	ALL		485125	3718725	NonCancei	0.00E+00	8.73E-06	0.00E+00	1.68E-06	1.68E-06	8.07E-05	2.47E-04	0.00E+00	2.03E-06	0.00E+00	1.68E-06	2.76E-03	0.00E+00	0.00E+00	2.76E-03
2148	ALL		485175	3718725	NonCancei	0.00E+00	8.28E-06	0.00E+00	1.66E-06	1.66E-06	7.66E-05	2.34E-04	0.00E+00	1.92E-06	0.00E+00	1.66E-06	2.81E-03	0.00E+00	0.00E+00	2.81E-03
2149	ALL		485225	3718725	NonCancei	0.00E+00	7.86E-06	0.00E+00	1.57E-06	1.57E-06	7.27E-05	2.22E-04	0.00E+00	1.82E-06	0.00E+00	1.57E-06	2.67E-03	0.00E+00	0.00E+00	2.67E-03
2150	ALL		485275	3718725	NonCancei	0.00E+00	7.54E-06	0.00E+00	1.46E-06	1.46E-06	6.97E-05	2.13E-04	0.00E+00	1.75E-06	0.00E+00	1.46E-06	2.41E-03	0.00E+00	0.00E+00	2.41E-03
2151	ALL		485325	3718725	NonCancei	0.00E+00	7.24E-06	0.00E+00	1.31E-06	1.31E-06	6.68E-05	2.04E-04	0.00E+00	1.68E-06	0.00E+00	1.31E-06	2.07E-03	0.00E+00	0.00E+00	2.07E-03
2152	ALL		485375	3718725	NonCancei	0.00E+00	6.92E-06	0.00E+00	1.16E-06	1.16E-06	6.38E-05	1.95E-04	0.00E+00	1.61E-06	0.00E+00	1.16E-06	1.70E-03	0.00E+00	0.00E+00	1.70E-03
2153	ALL		485425	3718725	NonCancei	0.00E+00	6.62E-06	0.00E+00	1.10E-06	1.10E-06	6.10E-05	1.86E-04	0.00E+00	1.54E-06	0.00E+00	1.10E-06	1.62E-03	0.00E+00	0.00E+00	1.62E-03
2154	ALL		485475	3718725	NonCancei	0.00E+00	6.31E-06	0.00E+00	1.04E-06	1.04E-06	5.81E-05	1.77E-04	0.00E+00	1.46E-06	0.00E+00	1.04E-06	1.52E-03	0.00E+00	0.00E+00	1.52E-03
2155	ALL		482925	3718775	NonCancei	0.00E+00	4.59E-06	0.00E+00	2.31E-06	2.31E-06	4.38E-05	1.33E-04	0.00E+00	1.06E-06	0.00E+00	2.31E-06	5.75E-03	0.00E+00	0.00E+00	5.75E-03
2156	ALL		482975	3718775	NonCancei	0.00E+00	4.90E-06	0.00E+00	2.37E-06	2.37E-06	4.67E-05	1.41E-04	0.00E+00	1.14E-06	0.00E+00	2.37E-06	5.87E-03	0.00E+00	0.00E+00	5.87E-03
2157	ALL		483025	3718775	NonCancei	0.00E+00	5.40E-06	0.00E+00	2.41E-06	2.41E-06	5.13E-05	1.55E-04	0.00E+00	1.25E-06	0.00E+00	2.41E-06	5.89E-03	0.00E+00	0.00E+00	5.89E-03
2158	ALL		483075	3718775	NonCancei	0.00E+00	5.68E-06	0.00E+00	2.59E-06	2.59E-06	5.40E-05	1.62E-04	0.00E+00	1.32E-06	0.00E+00	2.59E-06	6.37E-03	0.00E+00	0.00E+00	6.37E-03
2159	ALL		483125	3718775	NonCancei	0.00E+00	5.41E-06	0.00E+00	2.64E-06	2.64E-06	5.16E-05	1.54E-04	0.00E+00	1.26E-06	0.00E+00	2.64E-06	6.58E-03	0.00E+00	0.00E+00	6.58E-03
2160	ALL		483175	3718775	NonCancei	0.00E+00	5.58E-06	0.00E+00	2.65E-06	2.65E-06	5.32E-05	1.58E-04	0.00E+00	1.30E-06	0.00E+00	2.65E-06	6.59E-03	0.00E+00	0.00E+00	6.59E-03

*HARP - HRACalc v19044 3/19/2020 1:54:21 PM - Chronic Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitChronicHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
2161	ALL		483225	3718775	NonCancei	0.00E+00	5.78E-06	0.00E+00	2.65E-06	2.65E-06	5.50E-05	1.63E-04	0.00E+00	1.34E-06	0.00E+00	2.65E-06	6.56E-03	0.00E+00	0.00E+00	6.56E-03
2162	ALL		483275	3718775	NonCancei	0.00E+00	6.07E-06	0.00E+00	2.79E-06	2.79E-06	5.77E-05	1.70E-04	0.00E+00	1.41E-06	0.00E+00	2.79E-06	6.90E-03	0.00E+00	0.00E+00	6.90E-03
2163	ALL		483325	3718775	NonCancei	0.00E+00	6.48E-06	0.00E+00	3.04E-06	3.04E-06	6.17E-05	1.81E-04	0.00E+00	1.50E-06	0.00E+00	3.04E-06	7.52E-03	0.00E+00	0.00E+00	7.52E-03
2164	ALL		483375	3718775	NonCancei	0.00E+00	6.99E-06	0.00E+00	3.28E-06	3.28E-06	6.66E-05	1.95E-04	0.00E+00	1.62E-06	0.00E+00	3.28E-06	8.09E-03	0.00E+00	0.00E+00	8.09E-03
2165	ALL		483425	3718775	NonCancei	0.00E+00	7.79E-06	0.00E+00	3.41E-06	3.41E-06	7.40E-05	2.18E-04	0.00E+00	1.81E-06	0.00E+00	3.41E-06	8.22E-03	0.00E+00	0.00E+00	8.22E-03
2166	ALL		483475	3718775	NonCancei	0.00E+00	8.77E-06	0.00E+00	3.46E-06	3.46E-06	8.29E-05	2.46E-04	0.00E+00	2.04E-06	0.00E+00	3.46E-06	8.06E-03	0.00E+00	0.00E+00	8.06E-03
2167	ALL		483525	3718775	NonCancei	0.00E+00	9.73E-06	0.00E+00	3.66E-06	3.66E-06	9.17E-05	2.73E-04	0.00E+00	2.26E-06	0.00E+00	3.66E-06	8.32E-03	0.00E+00	0.00E+00	8.32E-03
2168	ALL		483575	3718775	NonCancei	0.00E+00	1.03E-05	0.00E+00	3.85E-06	3.85E-06	9.73E-05	2.91E-04	0.00E+00	2.39E-06	0.00E+00	3.85E-06	8.66E-03	0.00E+00	0.00E+00	8.66E-03
2169	ALL		483625	3718775	NonCancei	0.00E+00	1.14E-05	0.00E+00	4.09E-06	4.09E-06	1.07E-04	3.22E-04	0.00E+00	2.64E-06	0.00E+00	4.09E-06	9.01E-03	0.00E+00	0.00E+00	9.01E-03
2170	ALL		483675	3718775	NonCancei	0.00E+00	1.36E-05	0.00E+00	4.64E-06	4.64E-06	1.27E-04	3.87E-04	0.00E+00	3.14E-06	0.00E+00	4.64E-06	9.93E-03	0.00E+00	0.00E+00	9.93E-03
2171	ALL		483725	3718775	NonCancei	0.00E+00	1.56E-05	0.00E+00	4.42E-06	4.42E-06	1.46E-04	4.49E-04	0.00E+00	3.62E-06	0.00E+00	4.42E-06	8.81E-03	0.00E+00	0.00E+00	8.81E-03
2172	ALL		483775	3718775	NonCancei	0.00E+00	1.66E-05	0.00E+00	3.73E-06	3.73E-06	1.54E-04	4.82E-04	0.00E+00	3.85E-06	0.00E+00	3.73E-06	7.04E-03	0.00E+00	0.00E+00	7.04E-03
2173	ALL		483825	3718775	NonCancei	0.00E+00	1.70E-05	0.00E+00	3.13E-06	3.13E-06	1.57E-04	4.99E-04	0.00E+00	3.95E-06	0.00E+00	3.13E-06	5.84E-03	0.00E+00	0.00E+00	5.84E-03
2174	ALL		483875	3718775	NonCancei	0.00E+00	1.73E-05	0.00E+00	2.41E-06	2.41E-06	1.59E-04	5.20E-04	0.00E+00	4.01E-06	0.00E+00	2.41E-06	3.98E-03	0.00E+00	0.00E+00	3.98E-03
2175	ALL		483925	3718775	NonCancei	0.00E+00	1.84E-05	0.00E+00	2.43E-06	2.43E-06	1.69E-04	5.66E-04	0.00E+00	4.28E-06	0.00E+00	2.43E-06	3.94E-03	0.00E+00	0.00E+00	3.94E-03
2176	ALL		483975	3718775	NonCancei	0.00E+00	2.03E-05	0.00E+00	2.74E-06	2.74E-06	1.86E-04	6.36E-04	0.00E+00	4.70E-06	0.00E+00	2.74E-06	4.74E-03	0.00E+00	0.00E+00	4.74E-03
2177	ALL		484025	3718775	NonCancei	0.00E+00	2.38E-05	0.00E+00	2.74E-06	2.74E-06	2.18E-04	7.77E-04	0.00E+00	5.52E-06	0.00E+00	2.74E-06	4.58E-03	0.00E+00	0.00E+00	4.58E-03
2178	ALL		484075	3718775	NonCancei	0.00E+00	4.08E-05	0.00E+00	2.76E-06	2.76E-06	3.72E-04	1.44E-03	0.00E+00	9.45E-06	0.00E+00	2.76E-06	4.22E-03	0.00E+00	0.00E+00	4.22E-03
2179	ALL		484125	3718775	NonCancei	0.00E+00	7.64E-05	0.00E+00	3.41E-06	3.41E-06	6.95E-04	2.81E-03	0.00E+00	1.77E-05	0.00E+00	3.41E-06	5.24E-03	0.00E+00	0.00E+00	5.24E-03
2180	ALL		484175	3718775	NonCancei	0.00E+00	2.77E-05	0.00E+00	2.53E-06	2.53E-06	2.53E-04	9.35E-04	0.00E+00	6.41E-06	0.00E+00	2.53E-06	3.79E-03	0.00E+00	0.00E+00	3.79E-03
2181	ALL		484225	3718775	NonCancei	0.00E+00	2.14E-05	0.00E+00	2.41E-06	2.41E-06	1.96E-04	6.92E-04	0.00E+00	4.96E-06	0.00E+00	2.41E-06	3.56E-03	0.00E+00	0.00E+00	3.56E-03
2182	ALL		484275	3718775	NonCancei	0.00E+00	1.86E-05	0.00E+00	2.42E-06	2.42E-06	1.71E-04	5.86E-04	0.00E+00	4.32E-06	0.00E+00	2.42E-06	3.64E-03	0.00E+00	0.00E+00	3.64E-03
2183	ALL		484325	3718775	NonCancei	0.00E+00	1.70E-05	0.00E+00	2.36E-06	2.36E-06	1.56E-04	5.25E-04	0.00E+00	3.95E-06	0.00E+00	2.36E-06	3.53E-03	0.00E+00	0.00E+00	3.53E-03
2184	ALL		484375	3718775	NonCancei	0.00E+00	1.59E-05	0.00E+00	2.43E-06	2.43E-06	1.46E-04	4.83E-04	0.00E+00	3.69E-06	0.00E+00	2.43E-06	3.78E-03	0.00E+00	0.00E+00	3.78E-03
2185	ALL		484425	3718775	NonCancei	0.00E+00	1.51E-05	0.00E+00	2.66E-06	2.66E-06	1.39E-04	4.52E-04	0.00E+00	3.49E-06	0.00E+00	2.66E-06	4.49E-03	0.00E+00	0.00E+00	4.49E-03
2186	ALL		484475	3718775	NonCancei	0.00E+00	1.44E-05	0.00E+00	2.67E-06	2.67E-06	1.33E-04	4.26E-04	0.00E+00	3.33E-06	0.00E+00	2.67E-06	4.58E-03	0.00E+00	0.00E+00	4.58E-03
2187	ALL		484525	3718775	NonCancei	0.00E+00	1.37E-05	0.00E+00	2.45E-06	2.45E-06	1.27E-04	4.04E-04	0.00E+00	3.18E-06	0.00E+00	2.45E-06	4.01E-03	0.00E+00	0.00E+00	4.01E-03
2188	ALL		484575	3718775	NonCancei	0.00E+00	1.32E-05	0.00E+00	2.12E-06	2.12E-06	1.21E-04	3.85E-04	0.00E+00	3.05E-06	0.00E+00	2.12E-06	3.16E-03	0.00E+00	0.00E+00	3.16E-03
2189	ALL		484625	3718775	NonCancei	0.00E+00	1.26E-05	0.00E+00	2.04E-06	2.04E-06	1.16E-04	3.66E-04	0.00E+00	2.92E-06	0.00E+00	2.04E-06	3.02E-03	0.00E+00	0.00E+00	3.02E-03
2190	ALL		484675	3718775	NonCancei	0.00E+00	1.21E-05	0.00E+00	2.08E-06	2.08E-06	1.11E-04	3.49E-04	0.00E+00	2.80E-06	0.00E+00	2.08E-06	3.24E-03	0.00E+00	0.00E+00	3.24E-03
2191	ALL		484725	3718775	NonCancei	0.00E+00	1.16E-05	0.00E+00	2.03E-06	2.03E-06	1.07E-04	3.34E-04	0.00E+00	2.69E-06	0.00E+00	2.03E-06	3.17E-03	0.00E+00	0.00E+00	3.17E-03
2192	ALL		484775	3718775	NonCancei	0.00E+00	1.11E-05	0.00E+00	1.94E-06	1.94E-06	1.03E-04	3.20E-04	0.00E+00	2.58E-06	0.00E+00	1.94E-06	3.02E-03	0.00E+00	0.00E+00	3.02E-03
2193	ALL		484825	3718775	NonCancei	0.00E+00	1.07E-05	0.00E+00	1.76E-06	1.76E-06	9.84E-05	3.05E-04	0.00E+00	2.48E-06	0.00E+00	1.76E-06	2.59E-03	0.00E+00	0.00E+00	2.59E-03
2194	ALL		484875	3718775	NonCancei	0.00E+00	1.02E-05	0.00E+00	1.68E-06	1.68E-06	9.40E-05	2.91E-04	0.00E+00	2.36E-06	0.00E+00	1.68E-06	2.46E-03	0.00E+00	0.00E+00	2.46E-03
2195	ALL		484925	3718775	NonCancei	0.00E+00	9.77E-06	0.00E+00	1.61E-06	1.61E-06	9.01E-05	2.78E-04	0.00E+00	2.27E-06	0.00E+00	1.61E-06	2.36E-03	0.00E+00	0.00E+00	2.36E-03
2196	ALL		484975	3718775	NonCancei	0.00E+00	9.40E-06	0.00E+00	1.55E-06	1.55E-06	8.66E-05	2.67E-04	0.00E+00	2.18E-06	0.00E+00	1.55E-06	2.27E-03	0.00E+00	0.00E+00	2.27E-03
2197	ALL		485025	3718775	NonCancei	0.00E+00	9.03E-06	0.00E+00	1.50E-06	1.50E-06	8.33E-05	2.56E-04	0.00E+00	2.10E-06	0.00E+00	1.50E-06	2.20E-03	0.00E+00	0.00E+00	2.20E-03
2198	ALL		485075	3718775	NonCancei	0.00E+00	8.68E-06	0.00E+00	1.46E-06	1.46E-06	8.00E-05	2.46E-04	0.00E+00	2.01E-06	0.00E+00	1.46E-06	2.17E-03	0.00E+00	0.00E+00	2.17E-03
2199	ALL		485125	3718775	NonCancei	0.00E+00	8.40E-06	0.00E+00	1.48E-06	1.48E-06	7.75E-05	2.38E-04	0.00E+00	1.95E-06	0.00E+00	1.48E-06	2.27E-03	0.00E+00	0.00E+00	2.27E-03
2200	ALL		485175	3718775	NonCancei	0.00E+00	7.98E-06	0.00E+00	1.51E-06	1.51E-06	7.37E-05	2.26E-04	0.00E+00	1.85E-06	0.00E+00	1.51E-06	2.48E-03	0.00E+00	0.00E+00	2.48E-03
2201	ALL		485225	3718775	NonCancei	0.00E+00	7.55E-06	0.00E+00	1.49E-06	1.49E-06	6.98E-05	2.13E-04	0.00E+00	1.75E-06	0.00E+00	1.49E-06	2.53E-03	0.00E+00	0.00E+00	2.53E-03
2202	ALL		485275	3718775	NonCancei	0.00E+00	7.28E-06	0.00E+00	1.45E-06	1.45E-06	6.74E-05	2.06E-04	0.00E+00	1.69E-06	0.00E+00	1.45E-06	2.46E-03	0.00E+00	0.00E+00	2.46E-03
2203	ALL		485325	3718775	NonCancei	0.00E+00	7.00E-06	0.00E+00	1.35E-06	1.35E-06	6.47E-05	1.98E-04	0.00E+00	1.62E-06	0.00E+00	1.35E-06	2.24E-03	0.00E+00	0.00E+00	2.24E-03
2204	ALL		485375	3718775	NonCancei	0.00E+00	6.70E-06	0.00E+00	1.22E-06	1.22E-06	6.18E-05	1.89E-04	0.00E+00	1.55E-06	0.00E+00	1.22E-06	1.94E-03	0.00E+00	0.00E+00	1.94E-03
2205	ALL		485425	3718775	NonCancei	0.00E+00	6.39E-06	0.00E+00	1.07E-06	1.07E-06	5.89E-05	1.80E-04	0.00E+00	1.48E-06	0.00E+00	1.07E-06	1.60E-03	0.00E+00	0.00E+00	1.60E-03

*HARP - HRACalc v19044 3/19/2020 1:54:21 PM - Chronic Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitChronicHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
2206	ALL		485475	3718775	NonCancer	0.00E+00	6.12E-06	0.00E+00	1.01E-06	1.01E-06	5.64E-05	1.72E-04	0.00E+00	1.42E-06	0.00E+00	1.01E-06	1.49E-03	0.00E+00	0.00E+00	1.49E-03
2207	ALL		482925	3718825	NonCancer	0.00E+00	4.47E-06	0.00E+00	2.29E-06	2.29E-06	4.27E-05	1.29E-04	0.00E+00	1.04E-06	0.00E+00	2.29E-06	5.71E-03	0.00E+00	0.00E+00	5.71E-03
2208	ALL		482975	3718825	NonCancer	0.00E+00	4.79E-06	0.00E+00	2.39E-06	2.39E-06	4.57E-05	1.37E-04	0.00E+00	1.11E-06	0.00E+00	2.39E-06	5.94E-03	0.00E+00	0.00E+00	5.94E-03
2209	ALL		483025	3718825	NonCancer	0.00E+00	5.25E-06	0.00E+00	2.49E-06	2.49E-06	5.00E-05	1.50E-04	0.00E+00	1.22E-06	0.00E+00	2.49E-06	6.16E-03	0.00E+00	0.00E+00	6.16E-03
2210	ALL		483075	3718825	NonCancer	0.00E+00	5.62E-06	0.00E+00	2.58E-06	2.58E-06	5.35E-05	1.60E-04	0.00E+00	1.30E-06	0.00E+00	2.58E-06	6.32E-03	0.00E+00	0.00E+00	6.32E-03
2211	ALL		483125	3718825	NonCancer	0.00E+00	5.53E-06	0.00E+00	2.62E-06	2.62E-06	5.27E-05	1.57E-04	0.00E+00	1.28E-06	0.00E+00	2.62E-06	6.49E-03	0.00E+00	0.00E+00	6.49E-03
2212	ALL		483175	3718825	NonCancer	0.00E+00	5.59E-06	0.00E+00	2.56E-06	2.56E-06	5.32E-05	1.58E-04	0.00E+00	1.30E-06	0.00E+00	2.56E-06	6.31E-03	0.00E+00	0.00E+00	6.31E-03
2213	ALL		483225	3718825	NonCancer	0.00E+00	5.86E-06	0.00E+00	2.61E-06	2.61E-06	5.56E-05	1.65E-04	0.00E+00	1.36E-06	0.00E+00	2.61E-06	6.42E-03	0.00E+00	0.00E+00	6.42E-03
2214	ALL		483275	3718825	NonCancer	0.00E+00	6.19E-06	0.00E+00	2.74E-06	2.74E-06	5.87E-05	1.73E-04	0.00E+00	1.44E-06	0.00E+00	2.74E-06	6.71E-03	0.00E+00	0.00E+00	6.71E-03
2215	ALL		483325	3718825	NonCancer	0.00E+00	6.58E-06	0.00E+00	2.96E-06	2.96E-06	6.25E-05	1.84E-04	0.00E+00	1.53E-06	0.00E+00	2.96E-06	7.24E-03	0.00E+00	0.00E+00	7.24E-03
2216	ALL		483375	3718825	NonCancer	0.00E+00	7.10E-06	0.00E+00	3.19E-06	3.19E-06	6.74E-05	1.98E-04	0.00E+00	1.65E-06	0.00E+00	3.19E-06	7.73E-03	0.00E+00	0.00E+00	7.73E-03
2217	ALL		483425	3718825	NonCancer	0.00E+00	7.71E-06	0.00E+00	3.36E-06	3.36E-06	7.31E-05	2.16E-04	0.00E+00	1.79E-06	0.00E+00	3.36E-06	8.02E-03	0.00E+00	0.00E+00	8.02E-03
2218	ALL		483475	3718825	NonCancer	0.00E+00	8.50E-06	0.00E+00	3.46E-06	3.46E-06	8.04E-05	2.39E-04	0.00E+00	1.97E-06	0.00E+00	3.46E-06	8.06E-03	0.00E+00	0.00E+00	8.06E-03
2219	ALL		483525	3718825	NonCancer	0.00E+00	9.16E-06	0.00E+00	3.65E-06	3.65E-06	8.66E-05	2.58E-04	0.00E+00	2.13E-06	0.00E+00	3.65E-06	8.37E-03	0.00E+00	0.00E+00	8.37E-03
2220	ALL		483575	3718825	NonCancer	0.00E+00	9.65E-06	0.00E+00	3.90E-06	3.90E-06	9.12E-05	2.72E-04	0.00E+00	2.24E-06	0.00E+00	3.90E-06	8.91E-03	0.00E+00	0.00E+00	8.91E-03
2221	ALL		483625	3718825	NonCancer	0.00E+00	1.04E-05	0.00E+00	3.93E-06	3.93E-06	9.83E-05	2.95E-04	0.00E+00	2.42E-06	0.00E+00	3.93E-06	8.76E-03	0.00E+00	0.00E+00	8.76E-03
2222	ALL		483675	3718825	NonCancer	0.00E+00	1.15E-05	0.00E+00	4.09E-06	4.09E-06	1.09E-04	3.29E-04	0.00E+00	2.68E-06	0.00E+00	4.09E-06	8.90E-03	0.00E+00	0.00E+00	8.90E-03
2223	ALL		483725	3718825	NonCancer	0.00E+00	1.37E-05	0.00E+00	4.62E-06	4.62E-06	1.29E-04	3.95E-04	0.00E+00	3.18E-06	0.00E+00	4.62E-06	9.80E-03	0.00E+00	0.00E+00	9.80E-03
2224	ALL		483775	3718825	NonCancer	0.00E+00	1.55E-05	0.00E+00	4.11E-06	4.11E-06	1.45E-04	4.52E-04	0.00E+00	3.60E-06	0.00E+00	4.11E-06	8.06E-03	0.00E+00	0.00E+00	8.06E-03
2225	ALL		483825	3718825	NonCancer	0.00E+00	1.61E-05	0.00E+00	3.01E-06	3.01E-06	1.49E-04	4.74E-04	0.00E+00	3.74E-06	0.00E+00	3.01E-06	5.68E-03	0.00E+00	0.00E+00	5.68E-03
2226	ALL		483875	3718825	NonCancer	0.00E+00	1.67E-05	0.00E+00	3.39E-06	3.39E-06	1.55E-04	5.00E-04	0.00E+00	3.88E-06	0.00E+00	3.39E-06	6.44E-03	0.00E+00	0.00E+00	6.44E-03
2227	ALL		483925	3718825	NonCancer	0.00E+00	1.74E-05	0.00E+00	3.53E-06	3.53E-06	1.61E-04	5.30E-04	0.00E+00	4.03E-06	0.00E+00	3.53E-06	6.77E-03	0.00E+00	0.00E+00	6.77E-03
2228	ALL		483975	3718825	NonCancer	0.00E+00	1.91E-05	0.00E+00	3.00E-06	3.00E-06	1.76E-04	6.01E-04	0.00E+00	4.43E-06	0.00E+00	3.00E-06	5.59E-03	0.00E+00	0.00E+00	5.59E-03
2229	ALL		484025	3718825	NonCancer	0.00E+00	2.29E-05	0.00E+00	2.51E-06	2.51E-06	2.10E-04	7.55E-04	0.00E+00	5.32E-06	0.00E+00	2.51E-06	4.18E-03	0.00E+00	0.00E+00	4.18E-03
2230	ALL		484075	3718825	NonCancer	0.00E+00	3.78E-05	0.00E+00	2.54E-06	2.54E-06	3.45E-04	1.33E-03	0.00E+00	8.78E-06	0.00E+00	2.54E-06	3.90E-03	0.00E+00	0.00E+00	3.90E-03
2231	ALL		484125	3718825	NonCancer	0.00E+00	8.48E-05	0.00E+00	3.39E-06	3.39E-06	7.71E-04	3.15E-03	0.00E+00	1.97E-05	0.00E+00	3.39E-06	5.26E-03	0.00E+00	0.00E+00	5.26E-03
2232	ALL		484175	3718825	NonCancer	0.00E+00	2.71E-05	0.00E+00	2.36E-06	2.36E-06	2.48E-04	9.26E-04	0.00E+00	6.30E-06	0.00E+00	2.36E-06	3.55E-03	0.00E+00	0.00E+00	3.55E-03
2233	ALL		484225	3718825	NonCancer	0.00E+00	2.05E-05	0.00E+00	2.23E-06	2.23E-06	1.88E-04	6.70E-04	0.00E+00	4.76E-06	0.00E+00	2.23E-06	3.33E-03	0.00E+00	0.00E+00	3.33E-03
2234	ALL		484275	3718825	NonCancer	0.00E+00	1.78E-05	0.00E+00	2.23E-06	2.23E-06	1.63E-04	5.63E-04	0.00E+00	4.12E-06	0.00E+00	2.23E-06	3.39E-03	0.00E+00	0.00E+00	3.39E-03
2235	ALL		484325	3718825	NonCancer	0.00E+00	1.61E-05	0.00E+00	2.18E-06	2.18E-06	1.48E-04	5.01E-04	0.00E+00	3.74E-06	0.00E+00	2.18E-06	3.28E-03	0.00E+00	0.00E+00	3.28E-03
2236	ALL		484375	3718825	NonCancer	0.00E+00	1.50E-05	0.00E+00	2.17E-06	2.17E-06	1.38E-04	4.59E-04	0.00E+00	3.49E-06	0.00E+00	2.17E-06	3.31E-03	0.00E+00	0.00E+00	3.31E-03
2237	ALL		484425	3718825	NonCancer	0.00E+00	1.42E-05	0.00E+00	2.40E-06	2.40E-06	1.31E-04	4.28E-04	0.00E+00	3.29E-06	0.00E+00	2.40E-06	4.00E-03	0.00E+00	0.00E+00	4.00E-03
2238	ALL		484475	3718825	NonCancer	0.00E+00	1.35E-05	0.00E+00	2.45E-06	2.45E-06	1.25E-04	4.03E-04	0.00E+00	3.13E-06	0.00E+00	2.45E-06	4.20E-03	0.00E+00	0.00E+00	4.20E-03
2239	ALL		484525	3718825	NonCancer	0.00E+00	1.29E-05	0.00E+00	2.29E-06	2.29E-06	1.19E-04	3.82E-04	0.00E+00	2.99E-06	0.00E+00	2.29E-06	3.81E-03	0.00E+00	0.00E+00	3.81E-03
2240	ALL		484575	3718825	NonCancer	0.00E+00	1.24E-05	0.00E+00	2.00E-06	2.00E-06	1.14E-04	3.63E-04	0.00E+00	2.87E-06	0.00E+00	2.00E-06	3.03E-03	0.00E+00	0.00E+00	3.03E-03
2241	ALL		484625	3718825	NonCancer	0.00E+00	1.19E-05	0.00E+00	1.89E-06	1.89E-06	1.09E-04	3.46E-04	0.00E+00	2.75E-06	0.00E+00	1.89E-06	2.82E-03	0.00E+00	0.00E+00	2.82E-03
2242	ALL		484675	3718825	NonCancer	0.00E+00	1.14E-05	0.00E+00	1.89E-06	1.89E-06	1.05E-04	3.30E-04	0.00E+00	2.64E-06	0.00E+00	1.89E-06	2.88E-03	0.00E+00	0.00E+00	2.88E-03
2243	ALL		484725	3718825	NonCancer	0.00E+00	1.09E-05	0.00E+00	1.88E-06	1.88E-06	1.01E-04	3.16E-04	0.00E+00	2.53E-06	0.00E+00	1.88E-06	2.95E-03	0.00E+00	0.00E+00	2.95E-03
2244	ALL		484775	3718825	NonCancer	0.00E+00	1.05E-05	0.00E+00	1.82E-06	1.82E-06	9.69E-05	3.03E-04	0.00E+00	2.44E-06	0.00E+00	1.82E-06	2.86E-03	0.00E+00	0.00E+00	2.86E-03
2245	ALL		484825	3718825	NonCancer	0.00E+00	1.01E-05	0.00E+00	1.71E-06	1.71E-06	9.31E-05	2.90E-04	0.00E+00	2.34E-06	0.00E+00	1.71E-06	2.60E-03	0.00E+00	0.00E+00	2.60E-03
2246	ALL		484875	3718825	NonCancer	0.00E+00	9.67E-06	0.00E+00	1.58E-06	1.58E-06	8.91E-05	2.77E-04	0.00E+00	2.24E-06	0.00E+00	1.58E-06	2.33E-03	0.00E+00	0.00E+00	2.33E-03
2247	ALL		484925	3718825	NonCancer	0.00E+00	9.28E-06	0.00E+00	1.52E-06	1.52E-06	8.55E-05	2.65E-04	0.00E+00	2.15E-06	0.00E+00	1.52E-06	2.25E-03	0.00E+00	0.00E+00	2.25E-03
2248	ALL		484975	3718825	NonCancer	0.00E+00	8.91E-06	0.00E+00	1.45E-06	1.45E-06	8.21E-05	2.54E-04	0.00E+00	2.07E-06	0.00E+00	1.45E-06	2.14E-03	0.00E+00	0.00E+00	2.14E-03
2249	ALL		485025	3718825	NonCancer	0.00E+00	8.56E-06	0.00E+00	1.39E-06	1.39E-06	7.88E-05	2.43E-04	0.00E+00	1.98E-06	0.00E+00	1.39E-06	2.04E-03	0.00E+00	0.00E+00	2.04E-03
2250	ALL		485075	3718825	NonCancer	0.00E+00	8.20E-06	0.00E+00	1.34E-06	1.34E-06	7.55E-05	2.33E-04	0.00E+00	1.90E-06	0.00E+00	1.34E-06	1.96E-03	0.00E+00	0.00E+00	1.96E-03

*HARP - HRACalc v19044 3/19/2020 1:54:21 PM - Chronic Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitChronicHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
2251	ALL		485125	3718825	NonCancer	0.00E+00	7.92E-06	0.00E+00	1.32E-06	1.32E-06	7.30E-05	2.24E-04	0.00E+00	1.84E-06	0.00E+00	1.32E-06	1.96E-03	0.00E+00	0.00E+00	1.96E-03
2252	ALL		485175	3718825	NonCancer	0.00E+00	7.60E-06	0.00E+00	1.32E-06	1.32E-06	7.01E-05	2.15E-04	0.00E+00	1.76E-06	0.00E+00	1.32E-06	2.03E-03	0.00E+00	0.00E+00	2.03E-03
2253	ALL		485225	3718825	NonCancer	0.00E+00	7.26E-06	0.00E+00	1.36E-06	1.36E-06	6.71E-05	2.06E-04	0.00E+00	1.68E-06	0.00E+00	1.36E-06	2.22E-03	0.00E+00	0.00E+00	2.22E-03
2254	ALL		485275	3718825	NonCancer	0.00E+00	7.02E-06	0.00E+00	1.37E-06	1.37E-06	6.49E-05	1.99E-04	0.00E+00	1.63E-06	0.00E+00	1.37E-06	2.32E-03	0.00E+00	0.00E+00	2.32E-03
2255	ALL		485325	3718825	NonCancer	0.00E+00	6.76E-06	0.00E+00	1.33E-06	1.33E-06	6.25E-05	1.91E-04	0.00E+00	1.57E-06	0.00E+00	1.33E-06	2.26E-03	0.00E+00	0.00E+00	2.26E-03
2256	ALL		485375	3718825	NonCancer	0.00E+00	6.52E-06	0.00E+00	1.26E-06	1.26E-06	6.03E-05	1.84E-04	0.00E+00	1.51E-06	0.00E+00	1.26E-06	2.09E-03	0.00E+00	0.00E+00	2.09E-03
2257	ALL		485425	3718825	NonCancer	0.00E+00	6.26E-06	0.00E+00	1.14E-06	1.14E-06	5.78E-05	1.77E-04	0.00E+00	1.45E-06	0.00E+00	1.14E-06	1.83E-03	0.00E+00	0.00E+00	1.83E-03
2258	ALL		485475	3718825	NonCancer	0.00E+00	5.95E-06	0.00E+00	1.01E-06	1.01E-06	5.48E-05	1.68E-04	0.00E+00	1.38E-06	0.00E+00	1.01E-06	1.53E-03	0.00E+00	0.00E+00	1.53E-03
2259	ALL		482925	3718875	NonCancer	0.00E+00	4.52E-06	0.00E+00	2.27E-06	2.27E-06	4.32E-05	1.30E-04	0.00E+00	1.05E-06	0.00E+00	2.27E-06	5.66E-03	0.00E+00	0.00E+00	5.66E-03
2260	ALL		482975	3718875	NonCancer	0.00E+00	4.75E-06	0.00E+00	2.38E-06	2.38E-06	4.53E-05	1.36E-04	0.00E+00	1.10E-06	0.00E+00	2.38E-06	5.93E-03	0.00E+00	0.00E+00	5.93E-03
2261	ALL		483025	3718875	NonCancer	0.00E+00	5.10E-06	0.00E+00	2.44E-06	2.44E-06	4.86E-05	1.45E-04	0.00E+00	1.18E-06	0.00E+00	2.44E-06	6.05E-03	0.00E+00	0.00E+00	6.05E-03
2262	ALL		483075	3718875	NonCancer	0.00E+00	5.62E-06	0.00E+00	2.54E-06	2.54E-06	5.34E-05	1.60E-04	0.00E+00	1.30E-06	0.00E+00	2.54E-06	6.20E-03	0.00E+00	0.00E+00	6.20E-03
2263	ALL		483125	3718875	NonCancer	0.00E+00	5.80E-06	0.00E+00	2.63E-06	2.63E-06	5.51E-05	1.64E-04	0.00E+00	1.35E-06	0.00E+00	2.63E-06	6.42E-03	0.00E+00	0.00E+00	6.42E-03
2264	ALL		483175	3718875	NonCancer	0.00E+00	5.88E-06	0.00E+00	2.63E-06	2.63E-06	5.58E-05	1.66E-04	0.00E+00	1.36E-06	0.00E+00	2.63E-06	6.42E-03	0.00E+00	0.00E+00	6.42E-03
2265	ALL		483225	3718875	NonCancer	0.00E+00	6.09E-06	0.00E+00	2.62E-06	2.62E-06	5.77E-05	1.71E-04	0.00E+00	1.41E-06	0.00E+00	2.62E-06	6.35E-03	0.00E+00	0.00E+00	6.35E-03
2266	ALL		483275	3718875	NonCancer	0.00E+00	6.38E-06	0.00E+00	2.69E-06	2.69E-06	6.04E-05	1.79E-04	0.00E+00	1.48E-06	0.00E+00	2.69E-06	6.48E-03	0.00E+00	0.00E+00	6.48E-03
2267	ALL		483325	3718875	NonCancer	0.00E+00	6.74E-06	0.00E+00	2.87E-06	2.87E-06	6.38E-05	1.89E-04	0.00E+00	1.56E-06	0.00E+00	2.87E-06	6.88E-03	0.00E+00	0.00E+00	6.88E-03
2268	ALL		483375	3718875	NonCancer	0.00E+00	7.19E-06	0.00E+00	3.04E-06	3.04E-06	6.81E-05	2.01E-04	0.00E+00	1.67E-06	0.00E+00	3.04E-06	7.23E-03	0.00E+00	0.00E+00	7.23E-03
2269	ALL		483425	3718875	NonCancer	0.00E+00	7.66E-06	0.00E+00	3.27E-06	3.27E-06	7.26E-05	2.15E-04	0.00E+00	1.78E-06	0.00E+00	3.27E-06	7.71E-03	0.00E+00	0.00E+00	7.71E-03
2270	ALL		483475	3718875	NonCancer	0.00E+00	8.26E-06	0.00E+00	3.47E-06	3.47E-06	7.82E-05	2.33E-04	0.00E+00	1.92E-06	0.00E+00	3.47E-06	8.06E-03	0.00E+00	0.00E+00	8.06E-03
2271	ALL		483525	3718875	NonCancer	0.00E+00	8.82E-06	0.00E+00	3.60E-06	3.60E-06	8.34E-05	2.49E-04	0.00E+00	2.05E-06	0.00E+00	3.60E-06	8.27E-03	0.00E+00	0.00E+00	8.27E-03
2272	ALL		483575	3718875	NonCancer	0.00E+00	9.20E-06	0.00E+00	3.83E-06	3.83E-06	8.71E-05	2.60E-04	0.00E+00	2.13E-06	0.00E+00	3.83E-06	8.80E-03	0.00E+00	0.00E+00	8.80E-03
2273	ALL		483625	3718875	NonCancer	0.00E+00	9.82E-06	0.00E+00	3.85E-06	3.85E-06	9.27E-05	2.79E-04	0.00E+00	2.28E-06	0.00E+00	3.85E-06	8.69E-03	0.00E+00	0.00E+00	8.69E-03
2274	ALL		483675	3718875	NonCancer	0.00E+00	1.08E-05	0.00E+00	3.86E-06	3.86E-06	1.01E-04	3.07E-04	0.00E+00	2.49E-06	0.00E+00	3.86E-06	8.45E-03	0.00E+00	0.00E+00	8.45E-03
2275	ALL		483725	3718875	NonCancer	0.00E+00	1.30E-05	0.00E+00	4.39E-06	4.39E-06	1.22E-04	3.77E-04	0.00E+00	3.02E-06	0.00E+00	4.39E-06	9.31E-03	0.00E+00	0.00E+00	9.31E-03
2276	ALL		483775	3718875	NonCancer	0.00E+00	1.47E-05	0.00E+00	3.91E-06	3.91E-06	1.37E-04	4.30E-04	0.00E+00	3.40E-06	0.00E+00	3.91E-06	7.71E-03	0.00E+00	0.00E+00	7.71E-03
2277	ALL		483825	3718875	NonCancer	0.00E+00	1.52E-05	0.00E+00	3.54E-06	3.54E-06	1.41E-04	4.52E-04	0.00E+00	3.53E-06	0.00E+00	3.54E-06	6.81E-03	0.00E+00	0.00E+00	6.81E-03
2278	ALL		483875	3718875	NonCancer	0.00E+00	1.56E-05	0.00E+00	3.69E-06	3.69E-06	1.45E-04	4.69E-04	0.00E+00	3.61E-06	0.00E+00	3.69E-06	7.22E-03	0.00E+00	0.00E+00	7.22E-03
2279	ALL		483925	3718875	NonCancer	0.00E+00	1.54E-05	0.00E+00	4.12E-06	4.12E-06	1.44E-04	4.72E-04	0.00E+00	3.58E-06	0.00E+00	4.12E-06	8.36E-03	0.00E+00	0.00E+00	8.36E-03
2280	ALL		483975	3718875	NonCancer	0.00E+00	1.77E-05	0.00E+00	3.26E-06	3.26E-06	1.63E-04	5.58E-04	0.00E+00	4.11E-06	0.00E+00	3.26E-06	6.36E-03	0.00E+00	0.00E+00	6.36E-03
2281	ALL		484025	3718875	NonCancer	0.00E+00	2.18E-05	0.00E+00	2.57E-06	2.57E-06	1.99E-04	7.19E-04	0.00E+00	5.05E-06	0.00E+00	2.57E-06	4.58E-03	0.00E+00	0.00E+00	4.58E-03
2282	ALL		484075	3718875	NonCancer	0.00E+00	3.55E-05	0.00E+00	2.36E-06	2.36E-06	3.23E-04	1.25E-03	0.00E+00	8.23E-06	0.00E+00	2.36E-06	3.63E-03	0.00E+00	0.00E+00	3.63E-03
2283	ALL		484125	3718875	NonCancer	0.00E+00	9.68E-05	0.00E+00	3.46E-06	3.46E-06	8.80E-04	3.61E-03	0.00E+00	2.25E-05	0.00E+00	3.46E-06	5.40E-03	0.00E+00	0.00E+00	5.40E-03
2284	ALL		484175	3718875	NonCancer	0.00E+00	2.67E-05	0.00E+00	2.20E-06	2.20E-06	2.44E-04	9.19E-04	0.00E+00	6.20E-06	0.00E+00	2.20E-06	3.32E-03	0.00E+00	0.00E+00	3.32E-03
2285	ALL		484225	3718875	NonCancer	0.00E+00	1.98E-05	0.00E+00	2.08E-06	2.08E-06	1.81E-04	6.50E-04	0.00E+00	4.59E-06	0.00E+00	2.08E-06	3.12E-03	0.00E+00	0.00E+00	3.12E-03
2286	ALL		484275	3718875	NonCancer	0.00E+00	1.70E-05	0.00E+00	2.08E-06	2.08E-06	1.56E-04	5.43E-04	0.00E+00	3.94E-06	0.00E+00	2.08E-06	3.17E-03	0.00E+00	0.00E+00	3.17E-03
2287	ALL		484325	3718875	NonCancer	0.00E+00	1.54E-05	0.00E+00	2.03E-06	2.03E-06	1.41E-04	4.80E-04	0.00E+00	3.56E-06	0.00E+00	2.03E-06	3.07E-03	0.00E+00	0.00E+00	3.07E-03
2288	ALL		484375	3718875	NonCancer	0.00E+00	1.42E-05	0.00E+00	1.98E-06	1.98E-06	1.31E-04	4.38E-04	0.00E+00	3.30E-06	0.00E+00	1.98E-06	2.98E-03	0.00E+00	0.00E+00	2.98E-03
2289	ALL		484425	3718875	NonCancer	0.00E+00	1.34E-05	0.00E+00	2.17E-06	2.17E-06	1.24E-04	4.07E-04	0.00E+00	3.11E-06	0.00E+00	2.17E-06	3.56E-03	0.00E+00	0.00E+00	3.56E-03
2290	ALL		484475	3718875	NonCancer	0.00E+00	1.28E-05	0.00E+00	2.25E-06	2.25E-06	1.18E-04	3.83E-04	0.00E+00	2.96E-06	0.00E+00	2.25E-06	3.84E-03	0.00E+00	0.00E+00	3.84E-03
2291	ALL		484525	3718875	NonCancer	0.00E+00	1.22E-05	0.00E+00	2.15E-06	2.15E-06	1.12E-04	3.63E-04	0.00E+00	2.83E-06	0.00E+00	2.15E-06	3.60E-03	0.00E+00	0.00E+00	3.60E-03
2292	ALL		484575	3718875	NonCancer	0.00E+00	1.17E-05	0.00E+00	1.91E-06	1.91E-06	1.08E-04	3.45E-04	0.00E+00	2.71E-06	0.00E+00	1.91E-06	2.98E-03	0.00E+00	0.00E+00	2.98E-03
2293	ALL		484625	3718875	NonCancer	0.00E+00	1.12E-05	0.00E+00	1.76E-06	1.76E-06	1.03E-04	3.28E-04	0.00E+00	2.59E-06	0.00E+00	1.76E-06	2.63E-03	0.00E+00	0.00E+00	2.63E-03
2294	ALL		484675	3718875	NonCancer	0.00E+00	1.07E-05	0.00E+00	1.71E-06	1.71E-06	9.89E-05	3.13E-04	0.00E+00	2.49E-06	0.00E+00	1.71E-06	2.54E-03	0.00E+00	0.00E+00	2.54E-03
2295	ALL		484725	3718875	NonCancer	0.00E+00	1.03E-05	0.00E+00	1.74E-06	1.74E-06	9.52E-05	3.00E-04	0.00E+00	2.39E-06	0.00E+00	1.74E-06	2.70E-03	0.00E+00	0.00E+00	2.70E-03

*HARP - HRACalc v19044 3/19/2020 1:54:21 PM - Chronic Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitChronicHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
2296	ALL		484775	3718875	NonCancei	0.00E+00	9.95E-06	0.00E+00	1.69E-06	1.69E-06	9.17E-05	2.88E-04	0.00E+00	2.31E-06	0.00E+00	1.69E-06	2.64E-03	0.00E+00	0.00E+00	2.64E-03
2297	ALL		484825	3718875	NonCancei	0.00E+00	9.57E-06	0.00E+00	1.63E-06	1.63E-06	8.83E-05	2.76E-04	0.00E+00	2.22E-06	0.00E+00	1.63E-06	2.53E-03	0.00E+00	0.00E+00	2.53E-03
2298	ALL		484875	3718875	NonCancei	0.00E+00	9.20E-06	0.00E+00	1.49E-06	1.49E-06	8.47E-05	2.64E-04	0.00E+00	2.13E-06	0.00E+00	1.49E-06	2.22E-03	0.00E+00	0.00E+00	2.22E-03
2299	ALL		484925	3718875	NonCancei	0.00E+00	8.84E-06	0.00E+00	1.44E-06	1.44E-06	8.14E-05	2.53E-04	0.00E+00	2.05E-06	0.00E+00	1.44E-06	2.14E-03	0.00E+00	0.00E+00	2.14E-03
2300	ALL		484975	3718875	NonCancei	0.00E+00	8.49E-06	0.00E+00	1.39E-06	1.39E-06	7.82E-05	2.42E-04	0.00E+00	1.97E-06	0.00E+00	1.39E-06	2.06E-03	0.00E+00	0.00E+00	2.06E-03
2301	ALL		485025	3718875	NonCancei	0.00E+00	8.15E-06	0.00E+00	1.33E-06	1.33E-06	7.51E-05	2.32E-04	0.00E+00	1.89E-06	0.00E+00	1.33E-06	1.96E-03	0.00E+00	0.00E+00	1.96E-03
2302	ALL		485075	3718875	NonCancei	0.00E+00	7.84E-06	0.00E+00	1.27E-06	1.27E-06	7.22E-05	2.23E-04	0.00E+00	1.82E-06	0.00E+00	1.27E-06	1.87E-03	0.00E+00	0.00E+00	1.87E-03
2303	ALL		485125	3718875	NonCancei	0.00E+00	7.52E-06	0.00E+00	1.22E-06	1.22E-06	6.93E-05	2.14E-04	0.00E+00	1.74E-06	0.00E+00	1.22E-06	1.80E-03	0.00E+00	0.00E+00	1.80E-03
2304	ALL		485175	3718875	NonCancei	0.00E+00	7.27E-06	0.00E+00	1.20E-06	1.20E-06	6.70E-05	2.06E-04	0.00E+00	1.69E-06	0.00E+00	1.20E-06	1.79E-03	0.00E+00	0.00E+00	1.79E-03
2305	ALL		485225	3718875	NonCancei	0.00E+00	7.05E-06	0.00E+00	1.21E-06	1.21E-06	6.50E-05	2.00E-04	0.00E+00	1.64E-06	0.00E+00	1.21E-06	1.85E-03	0.00E+00	0.00E+00	1.85E-03
2306	ALL		485275	3718875	NonCancei	0.00E+00	6.77E-06	0.00E+00	1.25E-06	1.25E-06	6.25E-05	1.92E-04	0.00E+00	1.57E-06	0.00E+00	1.25E-06	2.04E-03	0.00E+00	0.00E+00	2.04E-03
2307	ALL		485325	3718875	NonCancei	0.00E+00	6.51E-06	0.00E+00	1.26E-06	1.26E-06	6.02E-05	1.84E-04	0.00E+00	1.51E-06	0.00E+00	1.26E-06	2.12E-03	0.00E+00	0.00E+00	2.12E-03
2308	ALL		485375	3718875	NonCancei	0.00E+00	6.24E-06	0.00E+00	1.22E-06	1.22E-06	5.77E-05	1.77E-04	0.00E+00	1.45E-06	0.00E+00	1.22E-06	2.07E-03	0.00E+00	0.00E+00	2.07E-03
2309	ALL		485425	3718875	NonCancei	0.00E+00	6.01E-06	0.00E+00	1.15E-06	1.15E-06	5.56E-05	1.70E-04	0.00E+00	1.39E-06	0.00E+00	1.15E-06	1.93E-03	0.00E+00	0.00E+00	1.93E-03
2310	ALL		485475	3718875	NonCancei	0.00E+00	5.76E-06	0.00E+00	1.05E-06	1.05E-06	5.32E-05	1.63E-04	0.00E+00	1.34E-06	0.00E+00	1.05E-06	1.70E-03	0.00E+00	0.00E+00	1.70E-03
2311	ALL		482925	3718925	NonCancei	0.00E+00	4.41E-06	0.00E+00	2.25E-06	2.25E-06	4.22E-05	1.27E-04	0.00E+00	1.02E-06	0.00E+00	2.25E-06	5.61E-03	0.00E+00	0.00E+00	5.61E-03
2312	ALL		482975	3718925	NonCancei	0.00E+00	4.78E-06	0.00E+00	2.33E-06	2.33E-06	4.55E-05	1.36E-04	0.00E+00	1.11E-06	0.00E+00	2.33E-06	5.77E-03	0.00E+00	0.00E+00	5.77E-03
2313	ALL		483025	3718925	NonCancei	0.00E+00	5.01E-06	0.00E+00	2.40E-06	2.40E-06	4.78E-05	1.43E-04	0.00E+00	1.16E-06	0.00E+00	2.40E-06	5.93E-03	0.00E+00	0.00E+00	5.93E-03
2314	ALL		483075	3718925	NonCancei	0.00E+00	5.40E-06	0.00E+00	2.50E-06	2.50E-06	5.14E-05	1.53E-04	0.00E+00	1.25E-06	0.00E+00	2.50E-06	6.12E-03	0.00E+00	0.00E+00	6.12E-03
2315	ALL		483125	3718925	NonCancei	0.00E+00	5.90E-06	0.00E+00	2.61E-06	2.61E-06	5.60E-05	1.67E-04	0.00E+00	1.37E-06	0.00E+00	2.61E-06	6.33E-03	0.00E+00	0.00E+00	6.33E-03
2316	ALL		483175	3718925	NonCancei	0.00E+00	6.00E-06	0.00E+00	2.60E-06	2.60E-06	5.69E-05	1.69E-04	0.00E+00	1.39E-06	0.00E+00	2.60E-06	6.30E-03	0.00E+00	0.00E+00	6.30E-03
2317	ALL		483225	3718925	NonCancei	0.00E+00	6.27E-06	0.00E+00	2.64E-06	2.64E-06	5.94E-05	1.76E-04	0.00E+00	1.45E-06	0.00E+00	2.64E-06	6.34E-03	0.00E+00	0.00E+00	6.34E-03
2318	ALL		483275	3718925	NonCancei	0.00E+00	6.53E-06	0.00E+00	2.68E-06	2.68E-06	6.18E-05	1.83E-04	0.00E+00	1.51E-06	0.00E+00	2.68E-06	6.38E-03	0.00E+00	0.00E+00	6.38E-03
2319	ALL		483325	3718925	NonCancei	0.00E+00	6.91E-06	0.00E+00	2.76E-06	2.76E-06	6.53E-05	1.94E-04	0.00E+00	1.60E-06	0.00E+00	2.76E-06	6.48E-03	0.00E+00	0.00E+00	6.48E-03
2320	ALL		483375	3718925	NonCancei	0.00E+00	7.25E-06	0.00E+00	2.94E-06	2.94E-06	6.86E-05	2.04E-04	0.00E+00	1.68E-06	0.00E+00	2.94E-06	6.88E-03	0.00E+00	0.00E+00	6.88E-03
2321	ALL		483425	3718925	NonCancei	0.00E+00	7.65E-06	0.00E+00	3.17E-06	3.17E-06	7.24E-05	2.15E-04	0.00E+00	1.77E-06	0.00E+00	3.17E-06	7.36E-03	0.00E+00	0.00E+00	7.36E-03
2322	ALL		483475	3718925	NonCancei	0.00E+00	8.21E-06	0.00E+00	3.25E-06	3.25E-06	7.75E-05	2.31E-04	0.00E+00	1.90E-06	0.00E+00	3.25E-06	7.42E-03	0.00E+00	0.00E+00	7.42E-03
2323	ALL		483525	3718925	NonCancei	0.00E+00	8.73E-06	0.00E+00	3.37E-06	3.37E-06	8.24E-05	2.47E-04	0.00E+00	2.03E-06	0.00E+00	3.37E-06	7.63E-03	0.00E+00	0.00E+00	7.63E-03
2324	ALL		483575	3718925	NonCancei	0.00E+00	8.98E-06	0.00E+00	3.59E-06	3.59E-06	8.49E-05	2.55E-04	0.00E+00	2.08E-06	0.00E+00	3.59E-06	8.17E-03	0.00E+00	0.00E+00	8.17E-03
2325	ALL		483625	3718925	NonCancei	0.00E+00	9.38E-06	0.00E+00	3.70E-06	3.70E-06	8.86E-05	2.67E-04	0.00E+00	2.18E-06	0.00E+00	3.70E-06	8.37E-03	0.00E+00	0.00E+00	8.37E-03
2326	ALL		483675	3718925	NonCancei	0.00E+00	1.00E-05	0.00E+00	3.70E-06	3.70E-06	9.46E-05	2.87E-04	0.00E+00	2.33E-06	0.00E+00	3.70E-06	8.19E-03	0.00E+00	0.00E+00	8.19E-03
2327	ALL		483725	3718925	NonCancei	0.00E+00	1.17E-05	0.00E+00	4.14E-06	4.14E-06	1.10E-04	3.37E-04	0.00E+00	2.70E-06	0.00E+00	4.14E-06	8.95E-03	0.00E+00	0.00E+00	8.95E-03
2328	ALL		483775	3718925	NonCancei	0.00E+00	1.28E-05	0.00E+00	4.27E-06	4.27E-06	1.20E-04	3.75E-04	0.00E+00	2.96E-06	0.00E+00	4.27E-06	9.00E-03	0.00E+00	0.00E+00	9.00E-03
2329	ALL		483825	3718925	NonCancei	0.00E+00	1.36E-05	0.00E+00	4.10E-06	4.10E-06	1.27E-04	4.04E-04	0.00E+00	3.15E-06	0.00E+00	4.10E-06	8.40E-03	0.00E+00	0.00E+00	8.40E-03
2330	ALL		483875	3718925	NonCancei	0.00E+00	1.43E-05	0.00E+00	3.82E-06	3.82E-06	1.33E-04	4.32E-04	0.00E+00	3.32E-06	0.00E+00	3.82E-06	7.70E-03	0.00E+00	0.00E+00	7.70E-03
2331	ALL		483925	3718925	NonCancei	0.00E+00	1.45E-05	0.00E+00	3.89E-06	3.89E-06	1.35E-04	4.45E-04	0.00E+00	3.36E-06	0.00E+00	3.89E-06	8.00E-03	0.00E+00	0.00E+00	8.00E-03
2332	ALL		483975	3718925	NonCancei	0.00E+00	1.59E-05	0.00E+00	3.61E-06	3.61E-06	1.47E-04	5.01E-04	0.00E+00	3.68E-06	0.00E+00	3.61E-06	7.39E-03	0.00E+00	0.00E+00	7.39E-03
2333	ALL		484025	3718925	NonCancei	0.00E+00	2.04E-05	0.00E+00	2.68E-06	2.68E-06	1.88E-04	6.77E-04	0.00E+00	4.74E-06	0.00E+00	2.68E-06	5.06E-03	0.00E+00	0.00E+00	5.06E-03
2334	ALL		484075	3718925	NonCancei	0.00E+00	3.33E-05	0.00E+00	2.19E-06	2.19E-06	3.03E-04	1.18E-03	0.00E+00	7.71E-06	0.00E+00	2.19E-06	3.39E-03	0.00E+00	0.00E+00	3.39E-03
2335	ALL		484125	3718925	NonCancei	0.00E+00	1.07E-04	0.00E+00	3.51E-06	3.51E-06	9.71E-04	4.01E-03	0.00E+00	2.48E-05	0.00E+00	3.51E-06	5.50E-03	0.00E+00	0.00E+00	5.50E-03
2336	ALL		484175	3718925	NonCancei	0.00E+00	2.64E-05	0.00E+00	2.06E-06	2.06E-06	2.41E-04	9.15E-04	0.00E+00	6.12E-06	0.00E+00	2.06E-06	3.12E-03	0.00E+00	0.00E+00	3.12E-03
2337	ALL		484225	3718925	NonCancei	0.00E+00	1.92E-05	0.00E+00	1.95E-06	1.95E-06	1.76E-04	6.37E-04	0.00E+00	4.45E-06	0.00E+00	1.95E-06	2.94E-03	0.00E+00	0.00E+00	2.94E-03
2338	ALL		484275	3718925	NonCancei	0.00E+00	1.63E-05	0.00E+00	1.94E-06	1.94E-06	1.50E-04	5.25E-04	0.00E+00	3.78E-06	0.00E+00	1.94E-06	2.98E-03	0.00E+00	0.00E+00	2.98E-03
2339	ALL		484325	3718925	NonCancei	0.00E+00	1.46E-05	0.00E+00	1.90E-06	1.90E-06	1.34E-04	4.62E-04	0.00E+00	3.40E-06	0.00E+00	1.90E-06	2.90E-03	0.00E+00	0.00E+00	2.90E-03
2340	ALL		484375	3718925	NonCancei	0.00E+00	1.35E-05	0.00E+00	1.86E-06	1.86E-06	1.24E-04	4.20E-04	0.00E+00	3.14E-06	0.00E+00	1.86E-06	2.83E-03	0.00E+00	0.00E+00	2.83E-03

*HARP - HRACalc v19044 3/19/2020 1:54:21 PM - Chronic Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitChronicHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
2341	ALL		484425	3718925	NonCancei	0.00E+00	1.27E-05	0.00E+00	1.97E-06	1.97E-06	1.17E-04	3.88E-04	0.00E+00	2.95E-06	0.00E+00	1.97E-06	3.18E-03	0.00E+00	0.00E+00	3.18E-03
2342	ALL		484475	3718925	NonCancei	0.00E+00	1.21E-05	0.00E+00	2.06E-06	2.06E-06	1.11E-04	3.64E-04	0.00E+00	2.80E-06	0.00E+00	2.06E-06	3.50E-03	0.00E+00	0.00E+00	3.50E-03
2343	ALL		484525	3718925	NonCancei	0.00E+00	1.15E-05	0.00E+00	2.01E-06	2.01E-06	1.06E-04	3.45E-04	0.00E+00	2.67E-06	0.00E+00	2.01E-06	3.39E-03	0.00E+00	0.00E+00	3.39E-03
2344	ALL		484575	3718925	NonCancei	0.00E+00	1.10E-05	0.00E+00	1.82E-06	1.82E-06	1.02E-04	3.27E-04	0.00E+00	2.56E-06	0.00E+00	1.82E-06	2.90E-03	0.00E+00	0.00E+00	2.90E-03
2345	ALL		484625	3718925	NonCancei	0.00E+00	1.06E-05	0.00E+00	1.65E-06	1.65E-06	9.74E-05	3.11E-04	0.00E+00	2.45E-06	0.00E+00	1.65E-06	2.49E-03	0.00E+00	0.00E+00	2.49E-03
2346	ALL		484675	3718925	NonCancei	0.00E+00	1.02E-05	0.00E+00	1.60E-06	1.60E-06	9.36E-05	2.97E-04	0.00E+00	2.36E-06	0.00E+00	1.60E-06	2.40E-03	0.00E+00	0.00E+00	2.40E-03
2347	ALL		484725	3718925	NonCancei	0.00E+00	9.79E-06	0.00E+00	1.59E-06	1.59E-06	9.02E-05	2.85E-04	0.00E+00	2.27E-06	0.00E+00	1.59E-06	2.44E-03	0.00E+00	0.00E+00	2.44E-03
2348	ALL		484775	3718925	NonCancei	0.00E+00	9.43E-06	0.00E+00	1.59E-06	1.59E-06	8.70E-05	2.74E-04	0.00E+00	2.19E-06	0.00E+00	1.59E-06	2.48E-03	0.00E+00	0.00E+00	2.48E-03
2349	ALL		484825	3718925	NonCancei	0.00E+00	9.09E-06	0.00E+00	1.54E-06	1.54E-06	8.38E-05	2.63E-04	0.00E+00	2.11E-06	0.00E+00	1.54E-06	2.39E-03	0.00E+00	0.00E+00	2.39E-03
2350	ALL		484875	3718925	NonCancei	0.00E+00	8.76E-06	0.00E+00	1.45E-06	1.45E-06	8.08E-05	2.52E-04	0.00E+00	2.03E-06	0.00E+00	1.45E-06	2.21E-03	0.00E+00	0.00E+00	2.21E-03
2351	ALL		484925	3718925	NonCancei	0.00E+00	8.43E-06	0.00E+00	1.37E-06	1.37E-06	7.76E-05	2.42E-04	0.00E+00	1.95E-06	0.00E+00	1.37E-06	2.04E-03	0.00E+00	0.00E+00	2.04E-03
2352	ALL		484975	3718925	NonCancei	0.00E+00	8.11E-06	0.00E+00	1.32E-06	1.32E-06	7.47E-05	2.32E-04	0.00E+00	1.88E-06	0.00E+00	1.32E-06	1.97E-03	0.00E+00	0.00E+00	1.97E-03
2353	ALL		485025	3718925	NonCancei	0.00E+00	7.76E-06	0.00E+00	1.26E-06	1.26E-06	7.15E-05	2.22E-04	0.00E+00	1.80E-06	0.00E+00	1.26E-06	1.86E-03	0.00E+00	0.00E+00	1.86E-03
2354	ALL		485075	3718925	NonCancei	0.00E+00	7.49E-06	0.00E+00	1.21E-06	1.21E-06	6.90E-05	2.14E-04	0.00E+00	1.74E-06	0.00E+00	1.21E-06	1.79E-03	0.00E+00	0.00E+00	1.79E-03
2355	ALL		485125	3718925	NonCancei	0.00E+00	7.26E-06	0.00E+00	1.19E-06	1.19E-06	6.69E-05	2.07E-04	0.00E+00	1.68E-06	0.00E+00	1.19E-06	1.76E-03	0.00E+00	0.00E+00	1.76E-03
2356	ALL		485175	3718925	NonCancei	0.00E+00	7.05E-06	0.00E+00	1.17E-06	1.17E-06	6.50E-05	2.00E-04	0.00E+00	1.63E-06	0.00E+00	1.17E-06	1.76E-03	0.00E+00	0.00E+00	1.76E-03
2357	ALL		485225	3718925	NonCancei	0.00E+00	6.79E-06	0.00E+00	1.14E-06	1.14E-06	6.26E-05	1.93E-04	0.00E+00	1.58E-06	0.00E+00	1.14E-06	1.72E-03	0.00E+00	0.00E+00	1.72E-03
2358	ALL		485275	3718925	NonCancei	0.00E+00	6.53E-06	0.00E+00	1.11E-06	1.11E-06	6.02E-05	1.85E-04	0.00E+00	1.51E-06	0.00E+00	1.11E-06	1.70E-03	0.00E+00	0.00E+00	1.70E-03
2359	ALL		485325	3718925	NonCancei	0.00E+00	6.28E-06	0.00E+00	1.15E-06	1.15E-06	5.80E-05	1.78E-04	0.00E+00	1.46E-06	0.00E+00	1.15E-06	1.86E-03	0.00E+00	0.00E+00	1.86E-03
2360	ALL		485375	3718925	NonCancei	0.00E+00	6.02E-06	0.00E+00	1.15E-06	1.15E-06	5.57E-05	1.71E-04	0.00E+00	1.40E-06	0.00E+00	1.15E-06	1.94E-03	0.00E+00	0.00E+00	1.94E-03
2361	ALL		485425	3718925	NonCancei	0.00E+00	5.79E-06	0.00E+00	1.12E-06	1.12E-06	5.35E-05	1.64E-04	0.00E+00	1.34E-06	0.00E+00	1.12E-06	1.91E-03	0.00E+00	0.00E+00	1.91E-03
2362	ALL		485475	3718925	NonCancei	0.00E+00	5.58E-06	0.00E+00	1.07E-06	1.07E-06	5.15E-05	1.58E-04	0.00E+00	1.29E-06	0.00E+00	1.07E-06	1.79E-03	0.00E+00	0.00E+00	1.79E-03
2363	ALL		482925	3718975	NonCancei	0.00E+00	4.37E-06	0.00E+00	2.21E-06	2.21E-06	4.18E-05	1.25E-04	0.00E+00	1.01E-06	0.00E+00	2.21E-06	5.52E-03	0.00E+00	0.00E+00	5.52E-03
2364	ALL		482975	3718975	NonCancei	0.00E+00	4.70E-06	0.00E+00	2.29E-06	2.29E-06	4.49E-05	1.34E-04	0.00E+00	1.09E-06	0.00E+00	2.29E-06	5.67E-03	0.00E+00	0.00E+00	5.67E-03
2365	ALL		483025	3718975	NonCancei	0.00E+00	4.93E-06	0.00E+00	2.34E-06	2.34E-06	4.69E-05	1.40E-04	0.00E+00	1.14E-06	0.00E+00	2.34E-06	5.76E-03	0.00E+00	0.00E+00	5.76E-03
2366	ALL		483075	3718975	NonCancei	0.00E+00	5.37E-06	0.00E+00	2.44E-06	2.44E-06	5.10E-05	1.52E-04	0.00E+00	1.25E-06	0.00E+00	2.44E-06	5.96E-03	0.00E+00	0.00E+00	5.96E-03
2367	ALL		483125	3718975	NonCancei	0.00E+00	5.79E-06	0.00E+00	2.52E-06	2.52E-06	5.49E-05	1.63E-04	0.00E+00	1.34E-06	0.00E+00	2.52E-06	6.10E-03	0.00E+00	0.00E+00	6.10E-03
2368	ALL		483175	3718975	NonCancei	0.00E+00	6.17E-06	0.00E+00	2.62E-06	2.62E-06	5.85E-05	1.74E-04	0.00E+00	1.43E-06	0.00E+00	2.62E-06	6.28E-03	0.00E+00	0.00E+00	6.28E-03
2369	ALL		483225	3718975	NonCancei	0.00E+00	6.47E-06	0.00E+00	2.68E-06	2.68E-06	6.12E-05	1.82E-04	0.00E+00	1.50E-06	0.00E+00	2.68E-06	6.36E-03	0.00E+00	0.00E+00	6.36E-03
2370	ALL		483275	3718975	NonCancei	0.00E+00	6.68E-06	0.00E+00	2.68E-06	2.68E-06	6.31E-05	1.88E-04	0.00E+00	1.55E-06	0.00E+00	2.68E-06	6.29E-03	0.00E+00	0.00E+00	6.29E-03
2371	ALL		483325	3718975	NonCancei	0.00E+00	7.01E-06	0.00E+00	2.76E-06	2.76E-06	6.62E-05	1.97E-04	0.00E+00	1.63E-06	0.00E+00	2.76E-06	6.40E-03	0.00E+00	0.00E+00	6.40E-03
2372	ALL		483375	3718975	NonCancei	0.00E+00	7.34E-06	0.00E+00	2.85E-06	2.85E-06	6.93E-05	2.07E-04	0.00E+00	1.70E-06	0.00E+00	2.85E-06	6.56E-03	0.00E+00	0.00E+00	6.56E-03
2373	ALL		483425	3718975	NonCancei	0.00E+00	7.67E-06	0.00E+00	3.00E-06	3.00E-06	7.24E-05	2.16E-04	0.00E+00	1.78E-06	0.00E+00	3.00E-06	6.86E-03	0.00E+00	0.00E+00	6.86E-03
2374	ALL		483475	3718975	NonCancei	0.00E+00	8.12E-06	0.00E+00	3.11E-06	3.11E-06	7.66E-05	2.30E-04	0.00E+00	1.88E-06	0.00E+00	3.11E-06	7.03E-03	0.00E+00	0.00E+00	7.03E-03
2375	ALL		483525	3718975	NonCancei	0.00E+00	8.58E-06	0.00E+00	3.21E-06	3.21E-06	8.09E-05	2.43E-04	0.00E+00	1.99E-06	0.00E+00	3.21E-06	7.18E-03	0.00E+00	0.00E+00	7.18E-03
2376	ALL		483575	3718975	NonCancei	0.00E+00	8.75E-06	0.00E+00	3.38E-06	3.38E-06	8.26E-05	2.48E-04	0.00E+00	2.03E-06	0.00E+00	3.38E-06	7.60E-03	0.00E+00	0.00E+00	7.60E-03
2377	ALL		483625	3718975	NonCancei	0.00E+00	8.93E-06	0.00E+00	3.56E-06	3.56E-06	8.44E-05	2.55E-04	0.00E+00	2.07E-06	0.00E+00	3.56E-06	8.06E-03	0.00E+00	0.00E+00	8.06E-03
2378	ALL		483675	3718975	NonCancei	0.00E+00	9.39E-06	0.00E+00	3.54E-06	3.54E-06	8.85E-05	2.69E-04	0.00E+00	2.18E-06	0.00E+00	3.54E-06	7.89E-03	0.00E+00	0.00E+00	7.89E-03
2379	ALL		483725	3718975	NonCancei	0.00E+00	9.92E-06	0.00E+00	3.63E-06	3.63E-06	9.34E-05	2.87E-04	0.00E+00	2.30E-06	0.00E+00	3.63E-06	7.97E-03	0.00E+00	0.00E+00	7.97E-03
2380	ALL		483775	3718975	NonCancei	0.00E+00	1.06E-05	0.00E+00	3.88E-06	3.88E-06	1.00E-04	3.12E-04	0.00E+00	2.46E-06	0.00E+00	3.88E-06	8.44E-03	0.00E+00	0.00E+00	8.44E-03
2381	ALL		483825	3718975	NonCancei	0.00E+00	1.16E-05	0.00E+00	4.11E-06	4.11E-06	1.09E-04	3.45E-04	0.00E+00	2.69E-06	0.00E+00	4.11E-06	8.90E-03	0.00E+00	0.00E+00	8.90E-03
2382	ALL		483875	3718975	NonCancei	0.00E+00	1.25E-05	0.00E+00	4.07E-06	4.07E-06	1.17E-04	3.77E-04	0.00E+00	2.89E-06	0.00E+00	4.07E-06	8.69E-03	0.00E+00	0.00E+00	8.69E-03
2383	ALL		483925	3718975	NonCancei	0.00E+00	1.43E-05	0.00E+00	3.36E-06	3.36E-06	1.33E-04	4.44E-04	0.00E+00	3.31E-06	0.00E+00	3.36E-06	6.80E-03	0.00E+00	0.00E+00	6.80E-03
2384	ALL		483975	3718975	NonCancei	0.00E+00	1.65E-05	0.00E+00	2.55E-06	2.55E-06	1.52E-04	5.31E-04	0.00E+00	3.84E-06	0.00E+00	2.55E-06	4.90E-03	0.00E+00	0.00E+00	4.90E-03
2385	ALL		484025	3718975	NonCancei	0.00E+00	1.99E-05	0.00E+00	2.35E-06	2.35E-06	1.83E-04	6.66E-04	0.00E+00	4.62E-06	0.00E+00	2.35E-06	4.30E-03	0.00E+00	0.00E+00	4.30E-03

*HARP - HRACalc v19044 3/19/2020 1:54:21 PM - Chronic Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitChronicHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
2386	ALL		484075	3718975	NonCancer	0.00E+00	3.15E-05	0.00E+00	2.32E-06	2.32E-06	2.87E-04	1.12E-03	0.00E+00	7.30E-06	0.00E+00	2.32E-06	3.96E-03	0.00E+00	0.00E+00	3.96E-03
2387	ALL		484125	3718975	NonCancer	0.00E+00	1.05E-04	0.00E+00	3.37E-06	3.37E-06	9.55E-04	3.95E-03	0.00E+00	2.44E-05	0.00E+00	3.37E-06	5.29E-03	0.00E+00	0.00E+00	5.29E-03
2388	ALL		484175	3718975	NonCancer	0.00E+00	2.62E-05	0.00E+00	1.94E-06	1.94E-06	2.39E-04	9.16E-04	0.00E+00	6.08E-06	0.00E+00	1.94E-06	2.94E-03	0.00E+00	0.00E+00	2.94E-03
2389	ALL		484225	3718975	NonCancer	0.00E+00	1.87E-05	0.00E+00	1.83E-06	1.83E-06	1.71E-04	6.24E-04	0.00E+00	4.33E-06	0.00E+00	1.83E-06	2.78E-03	0.00E+00	0.00E+00	2.78E-03
2390	ALL		484275	3718975	NonCancer	0.00E+00	1.57E-05	0.00E+00	1.81E-06	1.81E-06	1.44E-04	5.09E-04	0.00E+00	3.64E-06	0.00E+00	1.81E-06	2.80E-03	0.00E+00	0.00E+00	2.80E-03
2391	ALL		484325	3718975	NonCancer	0.00E+00	1.40E-05	0.00E+00	1.78E-06	1.78E-06	1.29E-04	4.45E-04	0.00E+00	3.25E-06	0.00E+00	1.78E-06	2.73E-03	0.00E+00	0.00E+00	2.73E-03
2392	ALL		484375	3718975	NonCancer	0.00E+00	1.29E-05	0.00E+00	1.74E-06	1.74E-06	1.18E-04	4.02E-04	0.00E+00	2.99E-06	0.00E+00	1.74E-06	2.67E-03	0.00E+00	0.00E+00	2.67E-03
2393	ALL		484425	3718975	NonCancer	0.00E+00	1.21E-05	0.00E+00	1.79E-06	1.79E-06	1.11E-04	3.72E-04	0.00E+00	2.81E-06	0.00E+00	1.79E-06	2.84E-03	0.00E+00	0.00E+00	2.84E-03
2394	ALL		484475	3718975	NonCancer	0.00E+00	1.15E-05	0.00E+00	1.90E-06	1.90E-06	1.06E-04	3.48E-04	0.00E+00	2.66E-06	0.00E+00	1.90E-06	3.19E-03	0.00E+00	0.00E+00	3.19E-03
2395	ALL		484525	3718975	NonCancer	0.00E+00	1.09E-05	0.00E+00	1.87E-06	1.87E-06	1.01E-04	3.28E-04	0.00E+00	2.53E-06	0.00E+00	1.87E-06	3.17E-03	0.00E+00	0.00E+00	3.17E-03
2396	ALL		484575	3718975	NonCancer	0.00E+00	1.04E-05	0.00E+00	1.73E-06	1.73E-06	9.61E-05	3.10E-04	0.00E+00	2.42E-06	0.00E+00	1.73E-06	2.80E-03	0.00E+00	0.00E+00	2.80E-03
2397	ALL		484625	3718975	NonCancer	0.00E+00	1.00E-05	0.00E+00	1.55E-06	1.55E-06	9.23E-05	2.96E-04	0.00E+00	2.32E-06	0.00E+00	1.55E-06	2.33E-03	0.00E+00	0.00E+00	2.33E-03
2398	ALL		484675	3718975	NonCancer	0.00E+00	9.64E-06	0.00E+00	1.51E-06	1.51E-06	8.88E-05	2.83E-04	0.00E+00	2.24E-06	0.00E+00	1.51E-06	2.27E-03	0.00E+00	0.00E+00	2.27E-03
2399	ALL		484725	3718975	NonCancer	0.00E+00	9.29E-06	0.00E+00	1.47E-06	1.47E-06	8.56E-05	2.72E-04	0.00E+00	2.16E-06	0.00E+00	1.47E-06	2.20E-03	0.00E+00	0.00E+00	2.20E-03
2400	ALL		484775	3718975	NonCancer	0.00E+00	8.96E-06	0.00E+00	1.48E-06	1.48E-06	8.26E-05	2.61E-04	0.00E+00	2.08E-06	0.00E+00	1.48E-06	2.29E-03	0.00E+00	0.00E+00	2.29E-03
2401	ALL		484825	3718975	NonCancer	0.00E+00	8.65E-06	0.00E+00	1.44E-06	1.44E-06	7.97E-05	2.51E-04	0.00E+00	2.01E-06	0.00E+00	1.44E-06	2.24E-03	0.00E+00	0.00E+00	2.24E-03
2402	ALL		484875	3718975	NonCancer	0.00E+00	8.35E-06	0.00E+00	1.39E-06	1.39E-06	7.70E-05	2.41E-04	0.00E+00	1.94E-06	0.00E+00	1.39E-06	2.15E-03	0.00E+00	0.00E+00	2.15E-03
2403	ALL		484925	3718975	NonCancer	0.00E+00	8.02E-06	0.00E+00	1.29E-06	1.29E-06	7.39E-05	2.31E-04	0.00E+00	1.86E-06	0.00E+00	1.29E-06	1.92E-03	0.00E+00	0.00E+00	1.92E-03
2404	ALL		484975	3718975	NonCancer	0.00E+00	7.72E-06	0.00E+00	1.25E-06	1.25E-06	7.12E-05	2.22E-04	0.00E+00	1.79E-06	0.00E+00	1.25E-06	1.86E-03	0.00E+00	0.00E+00	1.86E-03
2405	ALL		485025	3718975	NonCancer	0.00E+00	7.45E-06	0.00E+00	1.21E-06	1.21E-06	6.86E-05	2.13E-04	0.00E+00	1.73E-06	0.00E+00	1.21E-06	1.81E-03	0.00E+00	0.00E+00	1.81E-03
2406	ALL		485075	3718975	NonCancer	0.00E+00	7.21E-06	0.00E+00	1.17E-06	1.17E-06	6.64E-05	2.06E-04	0.00E+00	1.67E-06	0.00E+00	1.17E-06	1.76E-03	0.00E+00	0.00E+00	1.76E-03
2407	ALL		485125	3718975	NonCancer	0.00E+00	7.00E-06	0.00E+00	1.15E-06	1.15E-06	6.45E-05	2.00E-04	0.00E+00	1.62E-06	0.00E+00	1.15E-06	1.73E-03	0.00E+00	0.00E+00	1.73E-03
2408	ALL		485175	3718975	NonCancer	0.00E+00	6.71E-06	0.00E+00	1.09E-06	1.09E-06	6.18E-05	1.91E-04	0.00E+00	1.56E-06	0.00E+00	1.09E-06	1.63E-03	0.00E+00	0.00E+00	1.63E-03
2409	ALL		485225	3718975	NonCancer	0.00E+00	6.47E-06	0.00E+00	1.06E-06	1.06E-06	5.97E-05	1.84E-04	0.00E+00	1.50E-06	0.00E+00	1.06E-06	1.59E-03	0.00E+00	0.00E+00	1.59E-03
2410	ALL		485275	3718975	NonCancer	0.00E+00	6.26E-06	0.00E+00	1.04E-06	1.04E-06	5.77E-05	1.78E-04	0.00E+00	1.45E-06	0.00E+00	1.04E-06	1.57E-03	0.00E+00	0.00E+00	1.57E-03
2411	ALL		485325	3718975	NonCancer	0.00E+00	6.05E-06	0.00E+00	1.02E-06	1.02E-06	5.58E-05	1.72E-04	0.00E+00	1.40E-06	0.00E+00	1.02E-06	1.55E-03	0.00E+00	0.00E+00	1.55E-03
2412	ALL		485375	3718975	NonCancer	0.00E+00	5.81E-06	0.00E+00	1.05E-06	1.05E-06	5.37E-05	1.65E-04	0.00E+00	1.35E-06	0.00E+00	1.05E-06	1.70E-03	0.00E+00	0.00E+00	1.70E-03
2413	ALL		485425	3718975	NonCancer	0.00E+00	5.60E-06	0.00E+00	1.06E-06	1.06E-06	5.17E-05	1.59E-04	0.00E+00	1.30E-06	0.00E+00	1.06E-06	1.78E-03	0.00E+00	0.00E+00	1.78E-03
2414	ALL		485475	3718975	NonCancer	0.00E+00	5.41E-06	0.00E+00	1.04E-06	1.04E-06	5.00E-05	1.53E-04	0.00E+00	1.26E-06	0.00E+00	1.04E-06	1.77E-03	0.00E+00	0.00E+00	1.77E-03
2415	ALL		482925	3719025	NonCancer	0.00E+00	4.22E-06	0.00E+00	2.12E-06	2.12E-06	4.03E-05	1.20E-04	0.00E+00	9.78E-07	0.00E+00	2.12E-06	5.29E-03	0.00E+00	0.00E+00	5.29E-03
2416	ALL		482975	3719025	NonCancer	0.00E+00	4.58E-06	0.00E+00	2.21E-06	2.21E-06	4.37E-05	1.30E-04	0.00E+00	1.06E-06	0.00E+00	2.21E-06	5.45E-03	0.00E+00	0.00E+00	5.45E-03
2417	ALL		483025	3719025	NonCancer	0.00E+00	4.80E-06	0.00E+00	2.23E-06	2.23E-06	4.57E-05	1.36E-04	0.00E+00	1.11E-06	0.00E+00	2.23E-06	5.49E-03	0.00E+00	0.00E+00	5.49E-03
2418	ALL		483075	3719025	NonCancer	0.00E+00	5.17E-06	0.00E+00	2.31E-06	2.31E-06	4.91E-05	1.46E-04	0.00E+00	1.20E-06	0.00E+00	2.31E-06	5.63E-03	0.00E+00	0.00E+00	5.63E-03
2419	ALL		483125	3719025	NonCancer	0.00E+00	5.59E-06	0.00E+00	2.42E-06	2.42E-06	5.30E-05	1.57E-04	0.00E+00	1.30E-06	0.00E+00	2.42E-06	5.84E-03	0.00E+00	0.00E+00	5.84E-03
2420	ALL		483175	3719025	NonCancer	0.00E+00	6.03E-06	0.00E+00	2.54E-06	2.54E-06	5.71E-05	1.70E-04	0.00E+00	1.40E-06	0.00E+00	2.54E-06	6.04E-03	0.00E+00	0.00E+00	6.04E-03
2421	ALL		483225	3719025	NonCancer	0.00E+00	6.46E-06	0.00E+00	2.64E-06	2.64E-06	6.11E-05	1.82E-04	0.00E+00	1.50E-06	0.00E+00	2.64E-06	6.20E-03	0.00E+00	0.00E+00	6.20E-03
2422	ALL		483275	3719025	NonCancer	0.00E+00	6.72E-06	0.00E+00	2.67E-06	2.67E-06	6.35E-05	1.89E-04	0.00E+00	1.56E-06	0.00E+00	2.67E-06	6.19E-03	0.00E+00	0.00E+00	6.19E-03
2423	ALL		483325	3719025	NonCancer	0.00E+00	7.02E-06	0.00E+00	2.75E-06	2.75E-06	6.63E-05	1.98E-04	0.00E+00	1.63E-06	0.00E+00	2.75E-06	6.32E-03	0.00E+00	0.00E+00	6.32E-03
2424	ALL		483375	3719025	NonCancer	0.00E+00	7.35E-06	0.00E+00	2.82E-06	2.82E-06	6.93E-05	2.07E-04	0.00E+00	1.70E-06	0.00E+00	2.82E-06	6.41E-03	0.00E+00	0.00E+00	6.41E-03
2425	ALL		483425	3719025	NonCancer	0.00E+00	7.70E-06	0.00E+00	2.92E-06	2.92E-06	7.26E-05	2.18E-04	0.00E+00	1.79E-06	0.00E+00	2.92E-06	6.60E-03	0.00E+00	0.00E+00	6.60E-03
2426	ALL		483475	3719025	NonCancer	0.00E+00	8.00E-06	0.00E+00	3.02E-06	3.02E-06	7.54E-05	2.27E-04	0.00E+00	1.86E-06	0.00E+00	3.02E-06	6.78E-03	0.00E+00	0.00E+00	6.78E-03
2427	ALL		483525	3719025	NonCancer	0.00E+00	8.38E-06	0.00E+00	3.10E-06	3.10E-06	7.89E-05	2.38E-04	0.00E+00	1.94E-06	0.00E+00	3.10E-06	6.91E-03	0.00E+00	0.00E+00	6.91E-03
2428	ALL		483575	3719025	NonCancer	0.00E+00	8.49E-06	0.00E+00	3.19E-06	3.19E-06	8.00E-05	2.41E-04	0.00E+00	1.97E-06	0.00E+00	3.19E-06	7.14E-03	0.00E+00	0.00E+00	7.14E-03
2429	ALL		483625	3719025	NonCancer	0.00E+00	8.57E-06	0.00E+00	3.39E-06	3.39E-06	8.09E-05	2.45E-04	0.00E+00	1.99E-06	0.00E+00	3.39E-06	7.67E-03	0.00E+00	0.00E+00	7.67E-03
2430	ALL		483675	3719025	NonCancer	0.00E+00	8.74E-06	0.00E+00	3.48E-06	3.48E-06	8.26E-05	2.52E-04	0.00E+00	2.03E-06	0.00E+00	3.48E-06	7.86E-03	0.00E+00	0.00E+00	7.86E-03

*HARP - HRACalc v19044 3/19/2020 1:54:21 PM - Chronic Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitChronicHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
2431	ALL		483725	3719025	NonCancer	0.00E+00	8.95E-06	0.00E+00	3.51E-06	3.51E-06	8.45E-05	2.60E-04	0.00E+00	2.08E-06	0.00E+00	3.51E-06	7.87E-03	0.00E+00	0.00E+00	7.87E-03
2432	ALL		483775	3719025	NonCancer	0.00E+00	9.22E-06	0.00E+00	3.51E-06	3.51E-06	8.69E-05	2.71E-04	0.00E+00	2.14E-06	0.00E+00	3.51E-06	7.79E-03	0.00E+00	0.00E+00	7.79E-03
2433	ALL		483825	3719025	NonCancer	0.00E+00	9.63E-06	0.00E+00	3.57E-06	3.57E-06	9.07E-05	2.87E-04	0.00E+00	2.23E-06	0.00E+00	3.57E-06	7.88E-03	0.00E+00	0.00E+00	7.88E-03
2434	ALL		483875	3719025	NonCancer	0.00E+00	1.07E-05	0.00E+00	3.87E-06	3.87E-06	1.00E-04	3.22E-04	0.00E+00	2.47E-06	0.00E+00	3.87E-06	8.59E-03	0.00E+00	0.00E+00	8.59E-03
2435	ALL		483925	3719025	NonCancer	0.00E+00	1.26E-05	0.00E+00	3.61E-06	3.61E-06	1.18E-04	3.90E-04	0.00E+00	2.92E-06	0.00E+00	3.61E-06	7.71E-03	0.00E+00	0.00E+00	7.71E-03
2436	ALL		483975	3719025	NonCancer	0.00E+00	1.51E-05	0.00E+00	2.84E-06	2.84E-06	1.39E-04	4.83E-04	0.00E+00	3.49E-06	0.00E+00	2.84E-06	5.70E-03	0.00E+00	0.00E+00	5.70E-03
2437	ALL		484025	3719025	NonCancer	0.00E+00	1.90E-05	0.00E+00	2.21E-06	2.21E-06	1.74E-04	6.38E-04	0.00E+00	4.41E-06	0.00E+00	2.21E-06	4.07E-03	0.00E+00	0.00E+00	4.07E-03
2438	ALL		484075	3719025	NonCancer	0.00E+00	3.01E-05	0.00E+00	1.93E-06	1.93E-06	2.75E-04	1.07E-03	0.00E+00	6.99E-06	0.00E+00	1.93E-06	2.99E-03	0.00E+00	0.00E+00	2.99E-03
2439	ALL		484125	3719025	NonCancer	0.00E+00	1.03E-04	0.00E+00	3.22E-06	3.22E-06	9.35E-04	3.87E-03	0.00E+00	2.39E-05	0.00E+00	3.22E-06	5.07E-03	0.00E+00	0.00E+00	5.07E-03
2440	ALL		484175	3719025	NonCancer	0.00E+00	2.63E-05	0.00E+00	1.84E-06	1.84E-06	2.40E-04	9.28E-04	0.00E+00	6.11E-06	0.00E+00	1.84E-06	2.79E-03	0.00E+00	0.00E+00	2.79E-03
2441	ALL		484225	3719025	NonCancer	0.00E+00	1.82E-05	0.00E+00	1.72E-06	1.72E-06	1.66E-04	6.10E-04	0.00E+00	4.21E-06	0.00E+00	1.72E-06	2.62E-03	0.00E+00	0.00E+00	2.62E-03
2442	ALL		484275	3719025	NonCancer	0.00E+00	1.51E-05	0.00E+00	1.70E-06	1.70E-06	1.39E-04	4.93E-04	0.00E+00	3.51E-06	0.00E+00	1.70E-06	2.62E-03	0.00E+00	0.00E+00	2.62E-03
2443	ALL		484325	3719025	NonCancer	0.00E+00	1.35E-05	0.00E+00	1.66E-06	1.66E-06	1.23E-04	4.28E-04	0.00E+00	3.12E-06	0.00E+00	1.66E-06	2.55E-03	0.00E+00	0.00E+00	2.55E-03
2444	ALL		484375	3719025	NonCancer	0.00E+00	1.23E-05	0.00E+00	1.62E-06	1.62E-06	1.13E-04	3.86E-04	0.00E+00	2.86E-06	0.00E+00	1.62E-06	2.48E-03	0.00E+00	0.00E+00	2.48E-03
2445	ALL		484425	3719025	NonCancer	0.00E+00	1.15E-05	0.00E+00	1.63E-06	1.63E-06	1.06E-04	3.55E-04	0.00E+00	2.66E-06	0.00E+00	1.63E-06	2.55E-03	0.00E+00	0.00E+00	2.55E-03
2446	ALL		484475	3719025	NonCancer	0.00E+00	1.09E-05	0.00E+00	1.74E-06	1.74E-06	1.00E-04	3.32E-04	0.00E+00	2.53E-06	0.00E+00	1.74E-06	2.90E-03	0.00E+00	0.00E+00	2.90E-03
2447	ALL		484525	3719025	NonCancer	0.00E+00	1.04E-05	0.00E+00	1.75E-06	1.75E-06	9.55E-05	3.12E-04	0.00E+00	2.40E-06	0.00E+00	1.75E-06	2.96E-03	0.00E+00	0.00E+00	2.96E-03
2448	ALL		484575	3719025	NonCancer	0.00E+00	9.91E-06	0.00E+00	1.64E-06	1.64E-06	9.14E-05	2.96E-04	0.00E+00	2.30E-06	0.00E+00	1.64E-06	2.69E-03	0.00E+00	0.00E+00	2.69E-03
2449	ALL		484625	3719025	NonCancer	0.00E+00	9.52E-06	0.00E+00	1.46E-06	1.46E-06	8.76E-05	2.82E-04	0.00E+00	2.21E-06	0.00E+00	1.46E-06	2.21E-03	0.00E+00	0.00E+00	2.21E-03
2450	ALL		484675	3719025	NonCancer	0.00E+00	9.16E-06	0.00E+00	1.42E-06	1.42E-06	8.43E-05	2.70E-04	0.00E+00	2.12E-06	0.00E+00	1.42E-06	2.14E-03	0.00E+00	0.00E+00	2.14E-03
2451	ALL		484725	3719025	NonCancer	0.00E+00	8.83E-06	0.00E+00	1.39E-06	1.39E-06	8.13E-05	2.59E-04	0.00E+00	2.05E-06	0.00E+00	1.39E-06	2.10E-03	0.00E+00	0.00E+00	2.10E-03
2452	ALL		484775	3719025	NonCancer	0.00E+00	8.53E-06	0.00E+00	1.37E-06	1.37E-06	7.86E-05	2.49E-04	0.00E+00	1.98E-06	0.00E+00	1.37E-06	2.09E-03	0.00E+00	0.00E+00	2.09E-03
2453	ALL		484825	3719025	NonCancer	0.00E+00	8.24E-06	0.00E+00	1.36E-06	1.36E-06	7.59E-05	2.39E-04	0.00E+00	1.91E-06	0.00E+00	1.36E-06	2.11E-03	0.00E+00	0.00E+00	2.11E-03
2454	ALL		484875	3719025	NonCancer	0.00E+00	7.95E-06	0.00E+00	1.31E-06	1.31E-06	7.33E-05	2.30E-04	0.00E+00	1.84E-06	0.00E+00	1.31E-06	2.03E-03	0.00E+00	0.00E+00	2.03E-03
2455	ALL		484925	3719025	NonCancer	0.00E+00	7.64E-06	0.00E+00	1.25E-06	1.25E-06	7.04E-05	2.21E-04	0.00E+00	1.77E-06	0.00E+00	1.25E-06	1.90E-03	0.00E+00	0.00E+00	1.90E-03
2456	ALL		484975	3719025	NonCancer	0.00E+00	7.40E-06	0.00E+00	1.19E-06	1.19E-06	6.82E-05	2.13E-04	0.00E+00	1.72E-06	0.00E+00	1.19E-06	1.79E-03	0.00E+00	0.00E+00	1.79E-03
2457	ALL		485025	3719025	NonCancer	0.00E+00	7.16E-06	0.00E+00	1.16E-06	1.16E-06	6.59E-05	2.05E-04	0.00E+00	1.66E-06	0.00E+00	1.16E-06	1.75E-03	0.00E+00	0.00E+00	1.75E-03
2458	ALL		485075	3719025	NonCancer	0.00E+00	6.93E-06	0.00E+00	1.14E-06	1.14E-06	6.39E-05	1.99E-04	0.00E+00	1.61E-06	0.00E+00	1.14E-06	1.72E-03	0.00E+00	0.00E+00	1.72E-03
2459	ALL		485125	3719025	NonCancer	0.00E+00	6.69E-06	0.00E+00	1.09E-06	1.09E-06	6.17E-05	1.91E-04	0.00E+00	1.55E-06	0.00E+00	1.09E-06	1.65E-03	0.00E+00	0.00E+00	1.65E-03
2460	ALL		485175	3719025	NonCancer	0.00E+00	6.44E-06	0.00E+00	1.04E-06	1.04E-06	5.94E-05	1.84E-04	0.00E+00	1.49E-06	0.00E+00	1.04E-06	1.56E-03	0.00E+00	0.00E+00	1.56E-03
2461	ALL		485225	3719025	NonCancer	0.00E+00	6.20E-06	0.00E+00	1.00E-06	1.00E-06	5.71E-05	1.77E-04	0.00E+00	1.44E-06	0.00E+00	1.00E-06	1.49E-03	0.00E+00	0.00E+00	1.49E-03
2462	ALL		485275	3719025	NonCancer	0.00E+00	5.98E-06	0.00E+00	9.73E-07	9.73E-07	5.51E-05	1.70E-04	0.00E+00	1.39E-06	0.00E+00	9.73E-07	1.46E-03	0.00E+00	0.00E+00	1.46E-03
2463	ALL		485325	3719025	NonCancer	0.00E+00	5.79E-06	0.00E+00	9.51E-07	9.51E-07	5.34E-05	1.65E-04	0.00E+00	1.34E-06	0.00E+00	9.51E-07	1.43E-03	0.00E+00	0.00E+00	1.43E-03
2464	ALL		485375	3719025	NonCancer	0.00E+00	5.61E-06	0.00E+00	9.34E-07	9.34E-07	5.17E-05	1.59E-04	0.00E+00	1.30E-06	0.00E+00	9.34E-07	1.42E-03	0.00E+00	0.00E+00	1.42E-03
2465	ALL		485425	3719025	NonCancer	0.00E+00	5.42E-06	0.00E+00	9.71E-07	9.71E-07	5.00E-05	1.54E-04	0.00E+00	1.26E-06	0.00E+00	9.71E-07	1.57E-03	0.00E+00	0.00E+00	1.57E-03
2466	ALL		485475	3719025	NonCancer	0.00E+00	5.25E-06	0.00E+00	9.84E-07	9.84E-07	4.85E-05	1.49E-04	0.00E+00	1.22E-06	0.00E+00	9.84E-07	1.64E-03	0.00E+00	0.00E+00	1.64E-03

*HARP - HRACalc v19044 3/19/2020 1:55:22 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitCumCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
1	ALL		482925	3716575	5.43E-07	30YrCance	5.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2	ALL		482975	3716575	5.67E-07	30YrCance	5.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3	ALL		483025	3716575	6.26E-07	30YrCance	6.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4	ALL		483075	3716575	6.27E-07	30YrCance	6.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5	ALL		483125	3716575	7.46E-07	30YrCance	7.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6	ALL		483175	3716575	1.21E-06	30YrCance	1.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7	ALL		483225	3716575	2.73E-06	30YrCance	2.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8	ALL		483275	3716575	3.74E-06	30YrCance	3.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9	ALL		483325	3716575	1.45E-06	30YrCance	1.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10	ALL		483375	3716575	1.04E-06	30YrCance	1.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11	ALL		483425	3716575	8.63E-07	30YrCance	8.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12	ALL		483475	3716575	7.83E-07	30YrCance	7.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
13	ALL		483525	3716575	7.32E-07	30YrCance	7.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
14	ALL		483575	3716575	6.90E-07	30YrCance	6.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
15	ALL		483625	3716575	6.53E-07	30YrCance	6.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
16	ALL		483675	3716575	6.32E-07	30YrCance	6.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
17	ALL		483725	3716575	6.14E-07	30YrCance	6.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
18	ALL		483775	3716575	6.06E-07	30YrCance	6.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
19	ALL		483825	3716575	5.97E-07	30YrCance	5.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
20	ALL		483875	3716575	5.91E-07	30YrCance	5.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
21	ALL		483925	3716575	5.82E-07	30YrCance	5.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
22	ALL		483975	3716575	5.80E-07	30YrCance	5.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
23	ALL		484025	3716575	5.75E-07	30YrCance	5.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
24	ALL		484075	3716575	5.69E-07	30YrCance	5.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
25	ALL		484125	3716575	5.63E-07	30YrCance	5.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
26	ALL		484175	3716575	5.54E-07	30YrCance	5.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
27	ALL		484225	3716575	5.49E-07	30YrCance	5.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
28	ALL		484275	3716575	5.44E-07	30YrCance	5.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
29	ALL		484325	3716575	5.42E-07	30YrCance	5.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
30	ALL		484375	3716575	5.36E-07	30YrCance	5.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
31	ALL		484425	3716575	5.30E-07	30YrCance	5.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
32	ALL		484475	3716575	5.17E-07	30YrCance	5.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
33	ALL		484525	3716575	5.11E-07	30YrCance	5.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
34	ALL		484575	3716575	4.98E-07	30YrCance	4.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
35	ALL		484625	3716575	5.33E-07	30YrCance	5.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
36	ALL		484675	3716575	5.44E-07	30YrCance	5.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
37	ALL		484725	3716575	5.12E-07	30YrCance	5.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
38	ALL		484775	3716575	4.63E-07	30YrCance	4.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
39	ALL		484825	3716575	4.50E-07	30YrCance	4.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
40	ALL		484875	3716575	4.37E-07	30YrCance	4.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
41	ALL		484925	3716575	4.28E-07	30YrCance	4.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
42	ALL		484975	3716575	4.20E-07	30YrCance	4.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
43	ALL		485025	3716575	4.20E-07	30YrCance	4.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
44	ALL		485075	3716575	4.27E-07	30YrCance	4.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
45	ALL		485125	3716575	4.36E-07	30YrCance	4.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:55:22 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitCumCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
46	ALL		485175	3716575	4.65E-07	30YrCance	4.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
47	ALL		485225	3716575	4.76E-07	30YrCance	4.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
48	ALL		485275	3716575	4.65E-07	30YrCance	4.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
49	ALL		485325	3716575	4.37E-07	30YrCance	4.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
50	ALL		485375	3716575	3.95E-07	30YrCance	3.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
51	ALL		485425	3716575	3.49E-07	30YrCance	3.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
52	ALL		485475	3716575	3.35E-07	30YrCance	3.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
53	ALL		482925	3716625	5.48E-07	30YrCance	5.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
54	ALL		482975	3716625	5.75E-07	30YrCance	5.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
55	ALL		483025	3716625	5.82E-07	30YrCance	5.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
56	ALL		483075	3716625	6.20E-07	30YrCance	6.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
57	ALL		483125	3716625	7.24E-07	30YrCance	7.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
58	ALL		483175	3716625	1.02E-06	30YrCance	1.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
59	ALL		483225	3716625	1.98E-06	30YrCance	1.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
60	ALL		483275	3716625	7.08E-06	30YrCance	7.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
61	ALL		483325	3716625	1.69E-06	30YrCance	1.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
62	ALL		483375	3716625	1.13E-06	30YrCance	1.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
63	ALL		483425	3716625	9.21E-07	30YrCance	9.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
64	ALL		483475	3716625	8.20E-07	30YrCance	8.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
65	ALL		483525	3716625	7.59E-07	30YrCance	7.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
66	ALL		483575	3716625	7.27E-07	30YrCance	7.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
67	ALL		483625	3716625	6.87E-07	30YrCance	6.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
68	ALL		483675	3716625	6.64E-07	30YrCance	6.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
69	ALL		483725	3716625	6.47E-07	30YrCance	6.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
70	ALL		483775	3716625	6.36E-07	30YrCance	6.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
71	ALL		483825	3716625	6.28E-07	30YrCance	6.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
72	ALL		483875	3716625	6.22E-07	30YrCance	6.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
73	ALL		483925	3716625	6.14E-07	30YrCance	6.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
74	ALL		483975	3716625	6.11E-07	30YrCance	6.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
75	ALL		484025	3716625	6.08E-07	30YrCance	6.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
76	ALL		484075	3716625	6.02E-07	30YrCance	6.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
77	ALL		484125	3716625	5.96E-07	30YrCance	5.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
78	ALL		484175	3716625	5.85E-07	30YrCance	5.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
79	ALL		484225	3716625	5.80E-07	30YrCance	5.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
80	ALL		484275	3716625	5.74E-07	30YrCance	5.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
81	ALL		484325	3716625	5.72E-07	30YrCance	5.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
82	ALL		484375	3716625	5.70E-07	30YrCance	5.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
83	ALL		484425	3716625	5.62E-07	30YrCance	5.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
84	ALL		484475	3716625	5.48E-07	30YrCance	5.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
85	ALL		484525	3716625	5.41E-07	30YrCance	5.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
86	ALL		484575	3716625	5.36E-07	30YrCance	5.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
87	ALL		484625	3716625	5.76E-07	30YrCance	5.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
88	ALL		484675	3716625	5.74E-07	30YrCance	5.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
89	ALL		484725	3716625	5.28E-07	30YrCance	5.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
90	ALL		484775	3716625	4.88E-07	30YrCance	4.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:55:22 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitCumCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
91	ALL		484825	3716625	4.77E-07	30YrCance	4.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
92	ALL		484875	3716625	4.62E-07	30YrCance	4.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
93	ALL		484925	3716625	4.49E-07	30YrCance	4.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
94	ALL		484975	3716625	4.33E-07	30YrCance	4.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
95	ALL		485025	3716625	4.33E-07	30YrCance	4.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
96	ALL		485075	3716625	4.49E-07	30YrCance	4.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
97	ALL		485125	3716625	4.88E-07	30YrCance	4.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
98	ALL		485175	3716625	5.07E-07	30YrCance	5.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
99	ALL		485225	3716625	5.01E-07	30YrCance	5.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
100	ALL		485275	3716625	4.72E-07	30YrCance	4.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
101	ALL		485325	3716625	4.29E-07	30YrCance	4.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
102	ALL		485375	3716625	3.78E-07	30YrCance	3.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
103	ALL		485425	3716625	3.57E-07	30YrCance	3.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
104	ALL		485475	3716625	3.61E-07	30YrCance	3.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
105	ALL		482925	3716675	5.51E-07	30YrCance	5.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
106	ALL		482975	3716675	5.95E-07	30YrCance	5.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
107	ALL		483025	3716675	6.03E-07	30YrCance	6.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
108	ALL		483075	3716675	6.30E-07	30YrCance	6.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
109	ALL		483125	3716675	6.98E-07	30YrCance	6.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
110	ALL		483175	3716675	9.13E-07	30YrCance	9.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
111	ALL		483225	3716675	1.49E-06	30YrCance	1.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
112	ALL		483275	3716675	5.51E-06	30YrCance	5.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
113	ALL		483325	3716675	2.12E-06	30YrCance	2.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
114	ALL		483375	3716675	1.25E-06	30YrCance	1.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
115	ALL		483425	3716675	9.85E-07	30YrCance	9.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
116	ALL		483475	3716675	8.60E-07	30YrCance	8.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
117	ALL		483525	3716675	7.96E-07	30YrCance	7.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
118	ALL		483575	3716675	7.61E-07	30YrCance	7.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
119	ALL		483625	3716675	7.32E-07	30YrCance	7.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
120	ALL		483675	3716675	6.97E-07	30YrCance	6.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
121	ALL		483725	3716675	6.83E-07	30YrCance	6.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
122	ALL		483775	3716675	6.67E-07	30YrCance	6.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
123	ALL		483825	3716675	6.65E-07	30YrCance	6.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
124	ALL		483875	3716675	6.57E-07	30YrCance	6.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
125	ALL		483925	3716675	6.49E-07	30YrCance	6.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
126	ALL		483975	3716675	6.45E-07	30YrCance	6.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
127	ALL		484025	3716675	6.44E-07	30YrCance	6.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
128	ALL		484075	3716675	6.37E-07	30YrCance	6.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
129	ALL		484125	3716675	6.31E-07	30YrCance	6.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
130	ALL		484175	3716675	6.23E-07	30YrCance	6.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
131	ALL		484225	3716675	6.16E-07	30YrCance	6.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
132	ALL		484275	3716675	6.08E-07	30YrCance	6.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
133	ALL		484325	3716675	6.04E-07	30YrCance	6.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
134	ALL		484375	3716675	6.06E-07	30YrCance	6.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
135	ALL		484425	3716675	6.01E-07	30YrCance	6.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:55:22 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitCumCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
136	ALL		484475	3716675	5.90E-07	30YrCance	5.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
137	ALL		484525	3716675	5.76E-07	30YrCance	5.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
138	ALL		484575	3716675	5.88E-07	30YrCance	5.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
139	ALL		484625	3716675	6.24E-07	30YrCance	6.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
140	ALL		484675	3716675	6.03E-07	30YrCance	6.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
141	ALL		484725	3716675	5.42E-07	30YrCance	5.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
142	ALL		484775	3716675	5.15E-07	30YrCance	5.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
143	ALL		484825	3716675	5.01E-07	30YrCance	5.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
144	ALL		484875	3716675	4.90E-07	30YrCance	4.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
145	ALL		484925	3716675	4.72E-07	30YrCance	4.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
146	ALL		484975	3716675	4.53E-07	30YrCance	4.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
147	ALL		485025	3716675	4.52E-07	30YrCance	4.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
148	ALL		485075	3716675	5.02E-07	30YrCance	5.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
149	ALL		485125	3716675	5.32E-07	30YrCance	5.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
150	ALL		485175	3716675	5.37E-07	30YrCance	5.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
151	ALL		485225	3716675	5.12E-07	30YrCance	5.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
152	ALL		485275	3716675	4.66E-07	30YrCance	4.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
153	ALL		485325	3716675	4.11E-07	30YrCance	4.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
154	ALL		485375	3716675	3.84E-07	30YrCance	3.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
155	ALL		485425	3716675	3.88E-07	30YrCance	3.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
156	ALL		485475	3716675	3.85E-07	30YrCance	3.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
157	ALL		482925	3716725	5.46E-07	30YrCance	5.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
158	ALL		482975	3716725	6.00E-07	30YrCance	6.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
159	ALL		483025	3716725	6.37E-07	30YrCance	6.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
160	ALL		483075	3716725	6.73E-07	30YrCance	6.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
161	ALL		483125	3716725	7.33E-07	30YrCance	7.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
162	ALL		483175	3716725	8.52E-07	30YrCance	8.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
163	ALL		483225	3716725	1.21E-06	30YrCance	1.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
164	ALL		483275	3716725	3.83E-06	30YrCance	3.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
165	ALL		483325	3716725	2.99E-06	30YrCance	2.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
166	ALL		483375	3716725	1.40E-06	30YrCance	1.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
167	ALL		483425	3716725	1.06E-06	30YrCance	1.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
168	ALL		483475	3716725	9.24E-07	30YrCance	9.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
169	ALL		483525	3716725	8.39E-07	30YrCance	8.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
170	ALL		483575	3716725	7.92E-07	30YrCance	7.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
171	ALL		483625	3716725	7.66E-07	30YrCance	7.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
172	ALL		483675	3716725	7.38E-07	30YrCance	7.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
173	ALL		483725	3716725	7.21E-07	30YrCance	7.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
174	ALL		483775	3716725	7.08E-07	30YrCance	7.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
175	ALL		483825	3716725	7.00E-07	30YrCance	7.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
176	ALL		483875	3716725	6.95E-07	30YrCance	6.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
177	ALL		483925	3716725	6.90E-07	30YrCance	6.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
178	ALL		483975	3716725	6.83E-07	30YrCance	6.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
179	ALL		484025	3716725	6.84E-07	30YrCance	6.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
180	ALL		484075	3716725	6.77E-07	30YrCance	6.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:55:22 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitCumCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
181	ALL		484125	3716725	6.71E-07	30YrCance	6.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
182	ALL		484175	3716725	6.61E-07	30YrCance	6.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
183	ALL		484225	3716725	6.56E-07	30YrCance	6.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
184	ALL		484275	3716725	6.47E-07	30YrCance	6.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
185	ALL		484325	3716725	6.39E-07	30YrCance	6.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
186	ALL		484375	3716725	6.43E-07	30YrCance	6.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
187	ALL		484425	3716725	6.35E-07	30YrCance	6.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
188	ALL		484475	3716725	6.28E-07	30YrCance	6.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
189	ALL		484525	3716725	6.17E-07	30YrCance	6.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
190	ALL		484575	3716725	6.51E-07	30YrCance	6.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
191	ALL		484625	3716725	6.72E-07	30YrCance	6.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
192	ALL		484675	3716725	6.30E-07	30YrCance	6.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
193	ALL		484725	3716725	5.77E-07	30YrCance	5.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
194	ALL		484775	3716725	5.57E-07	30YrCance	5.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
195	ALL		484825	3716725	5.39E-07	30YrCance	5.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
196	ALL		484875	3716725	5.26E-07	30YrCance	5.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
197	ALL		484925	3716725	5.01E-07	30YrCance	5.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
198	ALL		484975	3716725	4.77E-07	30YrCance	4.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
199	ALL		485025	3716725	5.13E-07	30YrCance	5.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
200	ALL		485075	3716725	5.53E-07	30YrCance	5.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
201	ALL		485125	3716725	5.69E-07	30YrCance	5.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
202	ALL		485175	3716725	5.52E-07	30YrCance	5.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
203	ALL		485225	3716725	5.08E-07	30YrCance	5.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
204	ALL		485275	3716725	4.49E-07	30YrCance	4.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
205	ALL		485325	3716725	4.10E-07	30YrCance	4.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
206	ALL		485375	3716725	4.17E-07	30YrCance	4.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
207	ALL		485425	3716725	4.14E-07	30YrCance	4.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
208	ALL		485475	3716725	4.02E-07	30YrCance	4.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
209	ALL		482925	3716775	5.30E-07	30YrCance	5.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
210	ALL		482975	3716775	5.79E-07	30YrCance	5.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
211	ALL		483025	3716775	6.33E-07	30YrCance	6.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
212	ALL		483075	3716775	6.89E-07	30YrCance	6.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
213	ALL		483125	3716775	7.70E-07	30YrCance	7.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
214	ALL		483175	3716775	9.23E-07	30YrCance	9.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
215	ALL		483225	3716775	1.19E-06	30YrCance	1.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
216	ALL		483275	3716775	2.36E-06	30YrCance	2.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
217	ALL		483325	3716775	5.74E-06	30YrCance	5.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
218	ALL		483375	3716775	1.61E-06	30YrCance	1.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
219	ALL		483425	3716775	1.16E-06	30YrCance	1.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
220	ALL		483475	3716775	9.94E-07	30YrCance	9.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
221	ALL		483525	3716775	8.93E-07	30YrCance	8.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
222	ALL		483575	3716775	8.36E-07	30YrCance	8.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
223	ALL		483625	3716775	7.99E-07	30YrCance	7.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
224	ALL		483675	3716775	7.87E-07	30YrCance	7.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
225	ALL		483725	3716775	7.65E-07	30YrCance	7.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:55:22 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitCumCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
226	ALL		483775	3716775	7.59E-07	30YrCance	7.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
227	ALL		483825	3716775	7.42E-07	30YrCance	7.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
228	ALL		483875	3716775	7.40E-07	30YrCance	7.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
229	ALL		483925	3716775	7.37E-07	30YrCance	7.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
230	ALL		483975	3716775	7.29E-07	30YrCance	7.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
231	ALL		484025	3716775	7.31E-07	30YrCance	7.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
232	ALL		484075	3716775	7.24E-07	30YrCance	7.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
233	ALL		484125	3716775	7.17E-07	30YrCance	7.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
234	ALL		484175	3716775	7.10E-07	30YrCance	7.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
235	ALL		484225	3716775	7.01E-07	30YrCance	7.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
236	ALL		484275	3716775	6.90E-07	30YrCance	6.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
237	ALL		484325	3716775	6.80E-07	30YrCance	6.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
238	ALL		484375	3716775	6.86E-07	30YrCance	6.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
239	ALL		484425	3716775	6.74E-07	30YrCance	6.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
240	ALL		484475	3716775	6.70E-07	30YrCance	6.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
241	ALL		484525	3716775	6.63E-07	30YrCance	6.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
242	ALL		484575	3716775	7.21E-07	30YrCance	7.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
243	ALL		484625	3716775	7.25E-07	30YrCance	7.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
244	ALL		484675	3716775	6.59E-07	30YrCance	6.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
245	ALL		484725	3716775	5.97E-07	30YrCance	5.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
246	ALL		484775	3716775	6.17E-07	30YrCance	6.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
247	ALL		484825	3716775	5.87E-07	30YrCance	5.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
248	ALL		484875	3716775	5.63E-07	30YrCance	5.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
249	ALL		484925	3716775	5.44E-07	30YrCance	5.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
250	ALL		484975	3716775	5.49E-07	30YrCance	5.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
251	ALL		485025	3716775	5.89E-07	30YrCance	5.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
252	ALL		485075	3716775	6.04E-07	30YrCance	6.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
253	ALL		485125	3716775	5.94E-07	30YrCance	5.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
254	ALL		485175	3716775	5.52E-07	30YrCance	5.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
255	ALL		485225	3716775	4.90E-07	30YrCance	4.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
256	ALL		485275	3716775	4.39E-07	30YrCance	4.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
257	ALL		485325	3716775	4.47E-07	30YrCance	4.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
258	ALL		485375	3716775	4.44E-07	30YrCance	4.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
259	ALL		485425	3716775	4.32E-07	30YrCance	4.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
260	ALL		485475	3716775	4.18E-07	30YrCance	4.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
261	ALL		482925	3716825	5.24E-07	30YrCance	5.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
262	ALL		482975	3716825	5.54E-07	30YrCance	5.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
263	ALL		483025	3716825	5.94E-07	30YrCance	5.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
264	ALL		483075	3716825	6.53E-07	30YrCance	6.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
265	ALL		483125	3716825	7.33E-07	30YrCance	7.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
266	ALL		483175	3716825	8.97E-07	30YrCance	8.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
267	ALL		483225	3716825	1.16E-06	30YrCance	1.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
268	ALL		483275	3716825	1.81E-06	30YrCance	1.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
269	ALL		483325	3716825	5.74E-06	30YrCance	5.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
270	ALL		483375	3716825	1.98E-06	30YrCance	1.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

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REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
271	ALL		483425	3716825	1.29E-06	30YrCance	1.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
272	ALL		483475	3716825	1.07E-06	30YrCance	1.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
273	ALL		483525	3716825	9.38E-07	30YrCance	9.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
274	ALL		483575	3716825	8.79E-07	30YrCance	8.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
275	ALL		483625	3716825	8.44E-07	30YrCance	8.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
276	ALL		483675	3716825	8.36E-07	30YrCance	8.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
277	ALL		483725	3716825	8.31E-07	30YrCance	8.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
278	ALL		483775	3716825	8.20E-07	30YrCance	8.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
279	ALL		483825	3716825	7.92E-07	30YrCance	7.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
280	ALL		483875	3716825	7.92E-07	30YrCance	7.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
281	ALL		483925	3716825	7.95E-07	30YrCance	7.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
282	ALL		483975	3716825	7.86E-07	30YrCance	7.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
283	ALL		484025	3716825	7.90E-07	30YrCance	7.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
284	ALL		484075	3716825	7.83E-07	30YrCance	7.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
285	ALL		484125	3716825	7.73E-07	30YrCance	7.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
286	ALL		484175	3716825	7.62E-07	30YrCance	7.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
287	ALL		484225	3716825	7.55E-07	30YrCance	7.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
288	ALL		484275	3716825	7.43E-07	30YrCance	7.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
289	ALL		484325	3716825	7.30E-07	30YrCance	7.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
290	ALL		484375	3716825	7.37E-07	30YrCance	7.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
291	ALL		484425	3716825	7.16E-07	30YrCance	7.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
292	ALL		484475	3716825	7.09E-07	30YrCance	7.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
293	ALL		484525	3716825	7.29E-07	30YrCance	7.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
294	ALL		484575	3716825	7.98E-07	30YrCance	7.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
295	ALL		484625	3716825	7.78E-07	30YrCance	7.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
296	ALL		484675	3716825	6.91E-07	30YrCance	6.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
297	ALL		484725	3716825	6.54E-07	30YrCance	6.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
298	ALL		484775	3716825	6.29E-07	30YrCance	6.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
299	ALL		484825	3716825	6.20E-07	30YrCance	6.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
300	ALL		484875	3716825	5.96E-07	30YrCance	5.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
301	ALL		484925	3716825	5.77E-07	30YrCance	5.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
302	ALL		484975	3716825	6.33E-07	30YrCance	6.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
303	ALL		485025	3716825	6.59E-07	30YrCance	6.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
304	ALL		485075	3716825	6.47E-07	30YrCance	6.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
305	ALL		485125	3716825	6.05E-07	30YrCance	6.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
306	ALL		485175	3716825	5.38E-07	30YrCance	5.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
307	ALL		485225	3716825	4.73E-07	30YrCance	4.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
308	ALL		485275	3716825	4.80E-07	30YrCance	4.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
309	ALL		485325	3716825	4.78E-07	30YrCance	4.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
310	ALL		485375	3716825	4.64E-07	30YrCance	4.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
311	ALL		485425	3716825	4.45E-07	30YrCance	4.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
312	ALL		485475	3716825	4.22E-07	30YrCance	4.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
313	ALL		482925	3716875	5.38E-07	30YrCance	5.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
314	ALL		482975	3716875	5.67E-07	30YrCance	5.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
315	ALL		483025	3716875	5.92E-07	30YrCance	5.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:55:22 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitCumCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
316	ALL		483075	3716875	6.28E-07	30YrCance	6.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
317	ALL		483125	3716875	7.07E-07	30YrCance	7.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
318	ALL		483175	3716875	8.68E-07	30YrCance	8.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
319	ALL		483225	3716875	1.04E-06	30YrCance	1.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
320	ALL		483275	3716875	1.41E-06	30YrCance	1.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
321	ALL		483325	3716875	4.74E-06	30YrCance	4.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
322	ALL		483375	3716875	2.84E-06	30YrCance	2.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
323	ALL		483425	3716875	1.46E-06	30YrCance	1.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
324	ALL		483475	3716875	1.14E-06	30YrCance	1.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
325	ALL		483525	3716875	9.69E-07	30YrCance	9.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
326	ALL		483575	3716875	9.09E-07	30YrCance	9.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
327	ALL		483625	3716875	8.89E-07	30YrCance	8.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
328	ALL		483675	3716875	8.48E-07	30YrCance	8.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
329	ALL		483725	3716875	8.69E-07	30YrCance	8.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
330	ALL		483775	3716875	8.74E-07	30YrCance	8.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
331	ALL		483825	3716875	8.52E-07	30YrCance	8.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
332	ALL		483875	3716875	8.76E-07	30YrCance	8.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
333	ALL		483925	3716875	8.86E-07	30YrCance	8.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
334	ALL		483975	3716875	8.79E-07	30YrCance	8.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
335	ALL		484025	3716875	8.71E-07	30YrCance	8.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
336	ALL		484075	3716875	8.52E-07	30YrCance	8.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
337	ALL		484125	3716875	8.43E-07	30YrCance	8.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
338	ALL		484175	3716875	8.25E-07	30YrCance	8.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
339	ALL		484225	3716875	8.19E-07	30YrCance	8.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
340	ALL		484275	3716875	8.08E-07	30YrCance	8.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
341	ALL		484325	3716875	7.91E-07	30YrCance	7.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
342	ALL		484375	3716875	7.98E-07	30YrCance	7.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
343	ALL		484425	3716875	7.64E-07	30YrCance	7.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
344	ALL		484475	3716875	7.56E-07	30YrCance	7.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
345	ALL		484525	3716875	8.09E-07	30YrCance	8.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
346	ALL		484575	3716875	8.61E-07	30YrCance	8.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
347	ALL		484625	3716875	8.45E-07	30YrCance	8.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
348	ALL		484675	3716875	7.93E-07	30YrCance	7.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
349	ALL		484725	3716875	7.29E-07	30YrCance	7.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
350	ALL		484775	3716875	6.94E-07	30YrCance	6.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
351	ALL		484825	3716875	6.55E-07	30YrCance	6.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
352	ALL		484875	3716875	6.22E-07	30YrCance	6.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
353	ALL		484925	3716875	6.65E-07	30YrCance	6.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
354	ALL		484975	3716875	7.09E-07	30YrCance	7.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
355	ALL		485025	3716875	7.10E-07	30YrCance	7.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
356	ALL		485075	3716875	6.69E-07	30YrCance	6.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
357	ALL		485125	3716875	5.99E-07	30YrCance	5.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
358	ALL		485175	3716875	5.13E-07	30YrCance	5.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
359	ALL		485225	3716875	5.21E-07	30YrCance	5.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
360	ALL		485275	3716875	5.17E-07	30YrCance	5.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:55:22 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitCumCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
361	ALL		485325	3716875	5.01E-07	30YrCance	5.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
362	ALL		485375	3716875	4.76E-07	30YrCance	4.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
363	ALL		485425	3716875	4.45E-07	30YrCance	4.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
364	ALL		485475	3716875	4.06E-07	30YrCance	4.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
365	ALL		482925	3716925	5.18E-07	30YrCance	5.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
366	ALL		482975	3716925	5.50E-07	30YrCance	5.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
367	ALL		483025	3716925	5.83E-07	30YrCance	5.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
368	ALL		483075	3716925	6.44E-07	30YrCance	6.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
369	ALL		483125	3716925	7.29E-07	30YrCance	7.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
370	ALL		483175	3716925	8.12E-07	30YrCance	8.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
371	ALL		483225	3716925	9.87E-07	30YrCance	9.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
372	ALL		483275	3716925	1.31E-06	30YrCance	1.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
373	ALL		483325	3716925	2.32E-06	30YrCance	2.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
374	ALL		483375	3716925	7.24E-06	30YrCance	7.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
375	ALL		483425	3716925	1.83E-06	30YrCance	1.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
376	ALL		483475	3716925	1.25E-06	30YrCance	1.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
377	ALL		483525	3716925	1.02E-06	30YrCance	1.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
378	ALL		483575	3716925	8.91E-07	30YrCance	8.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
379	ALL		483625	3716925	1.10E-06	30YrCance	1.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
380	ALL		483675	3716925	1.34E-06	30YrCance	1.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
381	ALL		483725	3716925	9.24E-07	30YrCance	9.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
382	ALL		483775	3716925	9.47E-07	30YrCance	9.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
383	ALL		483825	3716925	9.48E-07	30YrCance	9.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
384	ALL		483875	3716925	9.26E-07	30YrCance	9.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
385	ALL		483925	3716925	9.46E-07	30YrCance	9.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
386	ALL		483975	3716925	9.64E-07	30YrCance	9.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
387	ALL		484025	3716925	9.79E-07	30YrCance	9.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
388	ALL		484075	3716925	9.73E-07	30YrCance	9.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
389	ALL		484125	3716925	9.43E-07	30YrCance	9.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
390	ALL		484175	3716925	9.12E-07	30YrCance	9.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
391	ALL		484225	3716925	8.91E-07	30YrCance	8.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
392	ALL		484275	3716925	8.78E-07	30YrCance	8.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
393	ALL		484325	3716925	8.59E-07	30YrCance	8.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
394	ALL		484375	3716925	8.62E-07	30YrCance	8.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
395	ALL		484425	3716925	8.16E-07	30YrCance	8.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
396	ALL		484475	3716925	8.09E-07	30YrCance	8.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
397	ALL		484525	3716925	8.92E-07	30YrCance	8.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
398	ALL		484575	3716925	9.22E-07	30YrCance	9.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
399	ALL		484625	3716925	8.53E-07	30YrCance	8.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
400	ALL		484675	3716925	8.83E-07	30YrCance	8.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
401	ALL		484725	3716925	8.47E-07	30YrCance	8.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
402	ALL		484775	3716925	7.69E-07	30YrCance	7.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
403	ALL		484825	3716925	7.10E-07	30YrCance	7.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
404	ALL		484875	3716925	7.10E-07	30YrCance	7.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
405	ALL		484925	3716925	7.66E-07	30YrCance	7.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:55:22 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitCumCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
406	ALL		484975	3716925	7.78E-07	30YrCance	7.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
407	ALL		485025	3716925	7.42E-07	30YrCance	7.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
408	ALL		485075	3716925	6.66E-07	30YrCance	6.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
409	ALL		485125	3716925	5.77E-07	30YrCance	5.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
410	ALL		485175	3716925	5.70E-07	30YrCance	5.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
411	ALL		485225	3716925	5.66E-07	30YrCance	5.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
412	ALL		485275	3716925	5.45E-07	30YrCance	5.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
413	ALL		485325	3716925	5.14E-07	30YrCance	5.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
414	ALL		485375	3716925	4.76E-07	30YrCance	4.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
415	ALL		485425	3716925	4.31E-07	30YrCance	4.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
416	ALL		485475	3716925	4.03E-07	30YrCance	4.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
417	ALL		482925	3716975	5.17E-07	30YrCance	5.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
418	ALL		482975	3716975	5.22E-07	30YrCance	5.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
419	ALL		483025	3716975	5.58E-07	30YrCance	5.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
420	ALL		483075	3716975	6.24E-07	30YrCance	6.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
421	ALL		483125	3716975	6.93E-07	30YrCance	6.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
422	ALL		483175	3716975	8.22E-07	30YrCance	8.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
423	ALL		483225	3716975	9.24E-07	30YrCance	9.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
424	ALL		483275	3716975	1.10E-06	30YrCance	1.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
425	ALL		483325	3716975	1.59E-06	30YrCance	1.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
426	ALL		483375	3716975	5.25E-06	30YrCance	5.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
427	ALL		483425	3716975	2.60E-06	30YrCance	2.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
428	ALL		483475	3716975	1.53E-06	30YrCance	1.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
429	ALL		483525	3716975	1.16E-06	30YrCance	1.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
430	ALL		483575	3716975	1.03E-06	30YrCance	1.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
431	ALL		483625	3716975	9.31E-07	30YrCance	9.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
432	ALL		483675	3716975	1.18E-06	30YrCance	1.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
433	ALL		483725	3716975	1.18E-06	30YrCance	1.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
434	ALL		483775	3716975	1.31E-06	30YrCance	1.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
435	ALL		483825	3716975	1.39E-06	30YrCance	1.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
436	ALL		483875	3716975	1.88E-06	30YrCance	1.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
437	ALL		483925	3716975	1.93E-06	30YrCance	1.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
438	ALL		483975	3716975	1.90E-06	30YrCance	1.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
439	ALL		484025	3716975	1.61E-06	30YrCance	1.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
440	ALL		484075	3716975	1.07E-06	30YrCance	1.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
441	ALL		484125	3716975	1.06E-06	30YrCance	1.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
442	ALL		484175	3716975	1.00E-06	30YrCance	1.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
443	ALL		484225	3716975	9.88E-07	30YrCance	9.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
444	ALL		484275	3716975	9.71E-07	30YrCance	9.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
445	ALL		484325	3716975	9.38E-07	30YrCance	9.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
446	ALL		484375	3716975	9.47E-07	30YrCance	9.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
447	ALL		484425	3716975	8.85E-07	30YrCance	8.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
448	ALL		484475	3716975	8.82E-07	30YrCance	8.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
449	ALL		484525	3716975	9.83E-07	30YrCance	9.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
450	ALL		484575	3716975	9.78E-07	30YrCance	9.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:55:22 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitCumCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
451	ALL		484625	3716975	8.68E-07	30YrCance	8.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
452	ALL		484675	3716975	8.73E-07	30YrCance	8.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
453	ALL		484725	3716975	1.25E-06	30YrCance	1.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
454	ALL		484775	3716975	8.73E-07	30YrCance	8.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
455	ALL		484825	3716975	7.75E-07	30YrCance	7.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
456	ALL		484875	3716975	8.33E-07	30YrCance	8.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
457	ALL		484925	3716975	8.64E-07	30YrCance	8.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
458	ALL		484975	3716975	8.33E-07	30YrCance	8.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
459	ALL		485025	3716975	7.55E-07	30YrCance	7.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
460	ALL		485075	3716975	6.44E-07	30YrCance	6.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
461	ALL		485125	3716975	6.27E-07	30YrCance	6.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
462	ALL		485175	3716975	6.23E-07	30YrCance	6.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
463	ALL		485225	3716975	6.00E-07	30YrCance	6.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
464	ALL		485275	3716975	5.60E-07	30YrCance	5.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
465	ALL		485325	3716975	5.12E-07	30YrCance	5.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
466	ALL		485375	3716975	4.63E-07	30YrCance	4.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
467	ALL		485425	3716975	4.26E-07	30YrCance	4.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
468	ALL		485475	3716975	4.07E-07	30YrCance	4.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
469	ALL		482925	3717025	5.37E-07	30YrCance	5.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
470	ALL		482975	3717025	5.54E-07	30YrCance	5.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
471	ALL		483025	3717025	5.81E-07	30YrCance	5.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
472	ALL		483075	3717025	6.13E-07	30YrCance	6.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
473	ALL		483125	3717025	6.90E-07	30YrCance	6.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
474	ALL		483175	3717025	7.94E-07	30YrCance	7.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
475	ALL		483225	3717025	8.41E-07	30YrCance	8.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
476	ALL		483275	3717025	9.45E-07	30YrCance	9.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
477	ALL		483325	3717025	1.32E-06	30YrCance	1.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
478	ALL		483375	3717025	2.42E-06	30YrCance	2.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
479	ALL		483425	3717025	7.08E-06	30YrCance	7.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
480	ALL		483475	3717025	1.89E-06	30YrCance	1.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
481	ALL		483525	3717025	1.39E-06	30YrCance	1.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
482	ALL		483575	3717025	1.19E-06	30YrCance	1.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
483	ALL		483625	3717025	1.11E-06	30YrCance	1.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
484	ALL		483675	3717025	1.14E-06	30YrCance	1.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
485	ALL		483725	3717025	1.78E-06	30YrCance	1.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
486	ALL		483775	3717025	1.99E-06	30YrCance	1.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
487	ALL		483825	3717025	1.73E-06	30YrCance	1.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
488	ALL		483875	3717025	1.92E-06	30YrCance	1.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
489	ALL		483925	3717025	2.15E-06	30YrCance	2.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
490	ALL		483975	3717025	2.16E-06	30YrCance	2.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
491	ALL		484025	3717025	2.25E-06	30YrCance	2.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
492	ALL		484075	3717025	1.71E-06	30YrCance	1.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
493	ALL		484125	3717025	1.18E-06	30YrCance	1.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
494	ALL		484175	3717025	1.16E-06	30YrCance	1.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
495	ALL		484225	3717025	1.11E-06	30YrCance	1.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:55:22 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitCumCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
496	ALL		484275	3717025	1.06E-06	30YrCance	1.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
497	ALL		484325	3717025	1.04E-06	30YrCance	1.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
498	ALL		484375	3717025	1.04E-06	30YrCance	1.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
499	ALL		484425	3717025	9.75E-07	30YrCance	9.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
500	ALL		484475	3717025	9.99E-07	30YrCance	9.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
501	ALL		484525	3717025	1.07E-06	30YrCance	1.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
502	ALL		484575	3717025	1.02E-06	30YrCance	1.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
503	ALL		484625	3717025	8.98E-07	30YrCance	8.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
504	ALL		484675	3717025	8.94E-07	30YrCance	8.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
505	ALL		484725	3717025	9.14E-07	30YrCance	9.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
506	ALL		484775	3717025	9.24E-07	30YrCance	9.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
507	ALL		484825	3717025	9.29E-07	30YrCance	9.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
508	ALL		484875	3717025	9.58E-07	30YrCance	9.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
509	ALL		484925	3717025	9.41E-07	30YrCance	9.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
510	ALL		484975	3717025	8.56E-07	30YrCance	8.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
511	ALL		485025	3717025	7.39E-07	30YrCance	7.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
512	ALL		485075	3717025	6.92E-07	30YrCance	6.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
513	ALL		485125	3717025	6.83E-07	30YrCance	6.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
514	ALL		485175	3717025	6.57E-07	30YrCance	6.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
515	ALL		485225	3717025	6.14E-07	30YrCance	6.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
516	ALL		485275	3717025	5.58E-07	30YrCance	5.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
517	ALL		485325	3717025	4.97E-07	30YrCance	4.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
518	ALL		485375	3717025	4.52E-07	30YrCance	4.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
519	ALL		485425	3717025	4.36E-07	30YrCance	4.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
520	ALL		485475	3717025	4.22E-07	30YrCance	4.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
521	ALL		482925	3717075	5.56E-07	30YrCance	5.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
522	ALL		482975	3717075	5.84E-07	30YrCance	5.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
523	ALL		483025	3717075	6.13E-07	30YrCance	6.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
524	ALL		483075	3717075	6.40E-07	30YrCance	6.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
525	ALL		483125	3717075	7.05E-07	30YrCance	7.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
526	ALL		483175	3717075	7.52E-07	30YrCance	7.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
527	ALL		483225	3717075	7.98E-07	30YrCance	7.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
528	ALL		483275	3717075	9.05E-07	30YrCance	9.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
529	ALL		483325	3717075	1.11E-06	30YrCance	1.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
530	ALL		483375	3717075	1.59E-06	30YrCance	1.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
531	ALL		483425	3717075	5.28E-06	30YrCance	5.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
532	ALL		483475	3717075	2.75E-06	30YrCance	2.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
533	ALL		483525	3717075	1.64E-06	30YrCance	1.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
534	ALL		483575	3717075	1.38E-06	30YrCance	1.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
535	ALL		483625	3717075	1.24E-06	30YrCance	1.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
536	ALL		483675	3717075	1.14E-06	30YrCance	1.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
537	ALL		483725	3717075	1.50E-06	30YrCance	1.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
538	ALL		483775	3717075	1.82E-06	30YrCance	1.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
539	ALL		483825	3717075	1.32E-06	30YrCance	1.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
540	ALL		483875	3717075	1.14E-06	30YrCance	1.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:55:22 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitCumCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
541	ALL		483925	3717075	1.92E-06	30YrCance	1.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
542	ALL		483975	3717075	2.30E-06	30YrCance	2.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
543	ALL		484025	3717075	2.42E-06	30YrCance	2.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
544	ALL		484075	3717075	2.47E-06	30YrCance	2.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
545	ALL		484125	3717075	2.16E-06	30YrCance	2.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
546	ALL		484175	3717075	1.30E-06	30YrCance	1.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
547	ALL		484225	3717075	1.23E-06	30YrCance	1.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
548	ALL		484275	3717075	1.17E-06	30YrCance	1.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
549	ALL		484325	3717075	1.16E-06	30YrCance	1.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
550	ALL		484375	3717075	1.16E-06	30YrCance	1.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
551	ALL		484425	3717075	1.08E-06	30YrCance	1.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
552	ALL		484475	3717075	1.14E-06	30YrCance	1.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
553	ALL		484525	3717075	1.16E-06	30YrCance	1.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
554	ALL		484575	3717075	1.06E-06	30YrCance	1.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
555	ALL		484625	3717075	9.46E-07	30YrCance	9.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
556	ALL		484675	3717075	9.18E-07	30YrCance	9.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
557	ALL		484725	3717075	9.15E-07	30YrCance	9.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
558	ALL		484775	3717075	9.72E-07	30YrCance	9.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
559	ALL		484825	3717075	1.12E-06	30YrCance	1.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
560	ALL		484875	3717075	1.08E-06	30YrCance	1.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
561	ALL		484925	3717075	9.82E-07	30YrCance	9.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
562	ALL		484975	3717075	8.43E-07	30YrCance	8.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
563	ALL		485025	3717075	7.73E-07	30YrCance	7.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
564	ALL		485075	3717075	7.59E-07	30YrCance	7.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
565	ALL		485125	3717075	7.23E-07	30YrCance	7.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
566	ALL		485175	3717075	6.72E-07	30YrCance	6.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
567	ALL		485225	3717075	6.08E-07	30YrCance	6.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
568	ALL		485275	3717075	5.41E-07	30YrCance	5.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
569	ALL		485325	3717075	4.85E-07	30YrCance	4.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
570	ALL		485375	3717075	4.62E-07	30YrCance	4.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
571	ALL		485425	3717075	4.50E-07	30YrCance	4.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
572	ALL		485475	3717075	4.32E-07	30YrCance	4.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
573	ALL		482925	3717125	5.66E-07	30YrCance	5.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
574	ALL		482975	3717125	6.01E-07	30YrCance	6.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
575	ALL		483025	3717125	6.24E-07	30YrCance	6.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
576	ALL		483075	3717125	6.45E-07	30YrCance	6.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
577	ALL		483125	3717125	6.89E-07	30YrCance	6.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
578	ALL		483175	3717125	7.27E-07	30YrCance	7.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
579	ALL		483225	3717125	7.33E-07	30YrCance	7.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
580	ALL		483275	3717125	8.17E-07	30YrCance	8.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
581	ALL		483325	3717125	1.01E-06	30YrCance	1.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
582	ALL		483375	3717125	1.31E-06	30YrCance	1.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
583	ALL		483425	3717125	2.29E-06	30YrCance	2.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
584	ALL		483475	3717125	7.26E-06	30YrCance	7.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
585	ALL		483525	3717125	2.10E-06	30YrCance	2.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:55:22 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitCumCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
586	ALL		483575	3717125	1.54E-06	30YrCance	1.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
587	ALL		483625	3717125	1.39E-06	30YrCance	1.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
588	ALL		483675	3717125	1.30E-06	30YrCance	1.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
589	ALL		483725	3717125	1.20E-06	30YrCance	1.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
590	ALL		483775	3717125	1.17E-06	30YrCance	1.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
591	ALL		483825	3717125	1.28E-06	30YrCance	1.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
592	ALL		483875	3717125	1.31E-06	30YrCance	1.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
593	ALL		483925	3717125	1.29E-06	30YrCance	1.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
594	ALL		483975	3717125	1.77E-06	30YrCance	1.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
595	ALL		484025	3717125	2.03E-06	30YrCance	2.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
596	ALL		484075	3717125	2.57E-06	30YrCance	2.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
597	ALL		484125	3717125	2.55E-06	30YrCance	2.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
598	ALL		484175	3717125	1.43E-06	30YrCance	1.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
599	ALL		484225	3717125	1.39E-06	30YrCance	1.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
600	ALL		484275	3717125	1.32E-06	30YrCance	1.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
601	ALL		484325	3717125	1.31E-06	30YrCance	1.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
602	ALL		484375	3717125	1.29E-06	30YrCance	1.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
603	ALL		484425	3717125	1.18E-06	30YrCance	1.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
604	ALL		484475	3717125	1.29E-06	30YrCance	1.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
605	ALL		484525	3717125	1.26E-06	30YrCance	1.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
606	ALL		484575	3717125	1.09E-06	30YrCance	1.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
607	ALL		484625	3717125	1.00E-06	30YrCance	1.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
608	ALL		484675	3717125	9.67E-07	30YrCance	9.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
609	ALL		484725	3717125	1.01E-06	30YrCance	1.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
610	ALL		484775	3717125	1.15E-06	30YrCance	1.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
611	ALL		484825	3717125	1.20E-06	30YrCance	1.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
612	ALL		484875	3717125	1.22E-06	30YrCance	1.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
613	ALL		484925	3717125	9.82E-07	30YrCance	9.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
614	ALL		484975	3717125	8.67E-07	30YrCance	8.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
615	ALL		485025	3717125	8.50E-07	30YrCance	8.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
616	ALL		485075	3717125	8.05E-07	30YrCance	8.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
617	ALL		485125	3717125	7.39E-07	30YrCance	7.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
618	ALL		485175	3717125	6.64E-07	30YrCance	6.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
619	ALL		485225	3717125	5.86E-07	30YrCance	5.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
620	ALL		485275	3717125	5.30E-07	30YrCance	5.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
621	ALL		485325	3717125	5.02E-07	30YrCance	5.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
622	ALL		485375	3717125	4.75E-07	30YrCance	4.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
623	ALL		485425	3717125	4.57E-07	30YrCance	4.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
624	ALL		485475	3717125	4.40E-07	30YrCance	4.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
625	ALL		482925	3717175	5.80E-07	30YrCance	5.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
626	ALL		482975	3717175	6.12E-07	30YrCance	6.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
627	ALL		483025	3717175	6.43E-07	30YrCance	6.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
628	ALL		483075	3717175	6.77E-07	30YrCance	6.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
629	ALL		483125	3717175	7.04E-07	30YrCance	7.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
630	ALL		483175	3717175	7.29E-07	30YrCance	7.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:55:22 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitCumCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
631	ALL		483225	3717175	7.65E-07	30YrCance	7.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
632	ALL		483275	3717175	8.32E-07	30YrCance	8.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
633	ALL		483325	3717175	9.56E-07	30YrCance	9.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
634	ALL		483375	3717175	1.10E-06	30YrCance	1.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
635	ALL		483425	3717175	1.45E-06	30YrCance	1.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
636	ALL		483475	3717175	4.57E-06	30YrCance	4.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
637	ALL		483525	3717175	3.85E-06	30YrCance	3.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
638	ALL		483575	3717175	1.89E-06	30YrCance	1.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
639	ALL		483625	3717175	1.56E-06	30YrCance	1.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
640	ALL		483675	3717175	1.45E-06	30YrCance	1.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
641	ALL		483725	3717175	1.39E-06	30YrCance	1.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
642	ALL		483775	3717175	1.36E-06	30YrCance	1.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
643	ALL		483825	3717175	1.40E-06	30YrCance	1.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
644	ALL		483875	3717175	1.46E-06	30YrCance	1.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
645	ALL		483925	3717175	1.46E-06	30YrCance	1.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
646	ALL		483975	3717175	1.49E-06	30YrCance	1.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
647	ALL		484025	3717175	1.52E-06	30YrCance	1.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
648	ALL		484075	3717175	2.11E-06	30YrCance	2.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
649	ALL		484125	3717175	2.11E-06	30YrCance	2.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
650	ALL		484175	3717175	1.88E-06	30YrCance	1.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
651	ALL		484225	3717175	1.58E-06	30YrCance	1.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
652	ALL		484275	3717175	1.50E-06	30YrCance	1.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
653	ALL		484325	3717175	1.49E-06	30YrCance	1.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
654	ALL		484375	3717175	1.43E-06	30YrCance	1.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
655	ALL		484425	3717175	1.34E-06	30YrCance	1.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
656	ALL		484475	3717175	1.45E-06	30YrCance	1.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
657	ALL		484525	3717175	1.37E-06	30YrCance	1.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
658	ALL		484575	3717175	1.15E-06	30YrCance	1.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
659	ALL		484625	3717175	1.10E-06	30YrCance	1.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
660	ALL		484675	3717175	1.06E-06	30YrCance	1.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
661	ALL		484725	3717175	1.22E-06	30YrCance	1.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
662	ALL		484775	3717175	1.32E-06	30YrCance	1.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
663	ALL		484825	3717175	1.28E-06	30YrCance	1.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
664	ALL		484875	3717175	1.13E-06	30YrCance	1.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
665	ALL		484925	3717175	9.77E-07	30YrCance	9.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
666	ALL		484975	3717175	9.57E-07	30YrCance	9.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
667	ALL		485025	3717175	8.99E-07	30YrCance	8.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
668	ALL		485075	3717175	8.20E-07	30YrCance	8.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
669	ALL		485125	3717175	7.27E-07	30YrCance	7.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
670	ALL		485175	3717175	6.35E-07	30YrCance	6.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
671	ALL		485225	3717175	5.73E-07	30YrCance	5.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
672	ALL		485275	3717175	5.48E-07	30YrCance	5.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
673	ALL		485325	3717175	5.18E-07	30YrCance	5.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
674	ALL		485375	3717175	4.94E-07	30YrCance	4.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
675	ALL		485425	3717175	4.69E-07	30YrCance	4.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:55:22 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitCumCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
676	ALL		485475	3717175	4.48E-07	30YrCance	4.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
677	ALL		482925	3717225	5.84E-07	30YrCance	5.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
678	ALL		482975	3717225	6.24E-07	30YrCance	6.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
679	ALL		483025	3717225	6.64E-07	30YrCance	6.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
680	ALL		483075	3717225	7.03E-07	30YrCance	7.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
681	ALL		483125	3717225	7.31E-07	30YrCance	7.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
682	ALL		483175	3717225	7.69E-07	30YrCance	7.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
683	ALL		483225	3717225	8.11E-07	30YrCance	8.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
684	ALL		483275	3717225	8.87E-07	30YrCance	8.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
685	ALL		483325	3717225	9.74E-07	30YrCance	9.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
686	ALL		483375	3717225	1.08E-06	30YrCance	1.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
687	ALL		483425	3717225	1.34E-06	30YrCance	1.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
688	ALL		483475	3717225	2.13E-06	30YrCance	2.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
689	ALL		483525	3717225	5.92E-06	30YrCance	5.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
690	ALL		483575	3717225	2.63E-06	30YrCance	2.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
691	ALL		483625	3717225	1.83E-06	30YrCance	1.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
692	ALL		483675	3717225	1.62E-06	30YrCance	1.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
693	ALL		483725	3717225	1.55E-06	30YrCance	1.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
694	ALL		483775	3717225	1.52E-06	30YrCance	1.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
695	ALL		483825	3717225	1.52E-06	30YrCance	1.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
696	ALL		483875	3717225	1.58E-06	30YrCance	1.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
697	ALL		483925	3717225	1.65E-06	30YrCance	1.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
698	ALL		483975	3717225	1.62E-06	30YrCance	1.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
699	ALL		484025	3717225	1.69E-06	30YrCance	1.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
700	ALL		484075	3717225	1.74E-06	30YrCance	1.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
701	ALL		484125	3717225	1.78E-06	30YrCance	1.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
702	ALL		484175	3717225	1.79E-06	30YrCance	1.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
703	ALL		484225	3717225	1.68E-06	30YrCance	1.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
704	ALL		484275	3717225	1.66E-06	30YrCance	1.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
705	ALL		484325	3717225	1.69E-06	30YrCance	1.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
706	ALL		484375	3717225	1.60E-06	30YrCance	1.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
707	ALL		484425	3717225	1.55E-06	30YrCance	1.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
708	ALL		484475	3717225	1.65E-06	30YrCance	1.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
709	ALL		484525	3717225	1.47E-06	30YrCance	1.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
710	ALL		484575	3717225	1.28E-06	30YrCance	1.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
711	ALL		484625	3717225	1.22E-06	30YrCance	1.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
712	ALL		484675	3717225	1.33E-06	30YrCance	1.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
713	ALL		484725	3717225	1.45E-06	30YrCance	1.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
714	ALL		484775	3717225	1.45E-06	30YrCance	1.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
715	ALL		484825	3717225	1.29E-06	30YrCance	1.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
716	ALL		484875	3717225	1.10E-06	30YrCance	1.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
717	ALL		484925	3717225	1.08E-06	30YrCance	1.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
718	ALL		484975	3717225	1.01E-06	30YrCance	1.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
719	ALL		485025	3717225	9.18E-07	30YrCance	9.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
720	ALL		485075	3717225	8.07E-07	30YrCance	8.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:55:22 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitCumCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
721	ALL		485125	3717225	6.94E-07	30YrCance	6.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
722	ALL		485175	3717225	6.23E-07	30YrCance	6.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
723	ALL		485225	3717225	5.90E-07	30YrCance	5.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
724	ALL		485275	3717225	5.64E-07	30YrCance	5.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
725	ALL		485325	3717225	5.35E-07	30YrCance	5.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
726	ALL		485375	3717225	5.13E-07	30YrCance	5.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
727	ALL		485425	3717225	4.94E-07	30YrCance	4.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
728	ALL		485475	3717225	4.79E-07	30YrCance	4.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
729	ALL		482925	3717275	5.76E-07	30YrCance	5.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
730	ALL		482975	3717275	6.21E-07	30YrCance	6.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
731	ALL		483025	3717275	6.68E-07	30YrCance	6.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
732	ALL		483075	3717275	7.17E-07	30YrCance	7.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
733	ALL		483125	3717275	7.63E-07	30YrCance	7.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
734	ALL		483175	3717275	8.13E-07	30YrCance	8.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
735	ALL		483225	3717275	8.61E-07	30YrCance	8.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
736	ALL		483275	3717275	9.26E-07	30YrCance	9.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
737	ALL		483325	3717275	9.99E-07	30YrCance	9.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
738	ALL		483375	3717275	1.12E-06	30YrCance	1.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
739	ALL		483425	3717275	1.33E-06	30YrCance	1.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
740	ALL		483475	3717275	1.71E-06	30YrCance	1.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
741	ALL		483525	3717275	3.04E-06	30YrCance	3.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
742	ALL		483575	3717275	7.13E-06	30YrCance	7.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
743	ALL		483625	3717275	2.29E-06	30YrCance	2.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
744	ALL		483675	3717275	1.83E-06	30YrCance	1.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
745	ALL		483725	3717275	1.69E-06	30YrCance	1.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
746	ALL		483775	3717275	1.67E-06	30YrCance	1.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
747	ALL		483825	3717275	1.65E-06	30YrCance	1.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
748	ALL		483875	3717275	1.68E-06	30YrCance	1.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
749	ALL		483925	3717275	1.85E-06	30YrCance	1.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
750	ALL		483975	3717275	1.85E-06	30YrCance	1.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
751	ALL		484025	3717275	1.87E-06	30YrCance	1.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
752	ALL		484075	3717275	1.94E-06	30YrCance	1.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
753	ALL		484125	3717275	1.97E-06	30YrCance	1.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
754	ALL		484175	3717275	1.98E-06	30YrCance	1.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
755	ALL		484225	3717275	1.95E-06	30YrCance	1.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
756	ALL		484275	3717275	1.89E-06	30YrCance	1.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
757	ALL		484325	3717275	1.96E-06	30YrCance	1.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
758	ALL		484375	3717275	1.82E-06	30YrCance	1.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
759	ALL		484425	3717275	1.84E-06	30YrCance	1.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
760	ALL		484475	3717275	1.87E-06	30YrCance	1.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
761	ALL		484525	3717275	1.57E-06	30YrCance	1.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
762	ALL		484575	3717275	1.44E-06	30YrCance	1.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
763	ALL		484625	3717275	1.47E-06	30YrCance	1.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
764	ALL		484675	3717275	1.65E-06	30YrCance	1.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
765	ALL		484725	3717275	1.67E-06	30YrCance	1.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:55:22 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitCumCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
766	ALL		484775	3717275	1.51E-06	30YrCance	1.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
767	ALL		484825	3717275	1.23E-06	30YrCance	1.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
768	ALL		484875	3717275	1.21E-06	30YrCance	1.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
769	ALL		484925	3717275	1.14E-06	30YrCance	1.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
770	ALL		484975	3717275	1.03E-06	30YrCance	1.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
771	ALL		485025	3717275	9.08E-07	30YrCance	9.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
772	ALL		485075	3717275	7.70E-07	30YrCance	7.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
773	ALL		485125	3717275	6.90E-07	30YrCance	6.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
774	ALL		485175	3717275	6.44E-07	30YrCance	6.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
775	ALL		485225	3717275	6.12E-07	30YrCance	6.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
776	ALL		485275	3717275	5.79E-07	30YrCance	5.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
777	ALL		485325	3717275	5.63E-07	30YrCance	5.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
778	ALL		485375	3717275	5.49E-07	30YrCance	5.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
779	ALL		485425	3717275	5.25E-07	30YrCance	5.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
780	ALL		485475	3717275	4.88E-07	30YrCance	4.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
781	ALL		482925	3717325	5.62E-07	30YrCance	5.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
782	ALL		482975	3717325	6.06E-07	30YrCance	6.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
783	ALL		483025	3717325	6.58E-07	30YrCance	6.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
784	ALL		483075	3717325	7.14E-07	30YrCance	7.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
785	ALL		483125	3717325	7.72E-07	30YrCance	7.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
786	ALL		483175	3717325	8.34E-07	30YrCance	8.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
787	ALL		483225	3717325	8.99E-07	30YrCance	8.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
788	ALL		483275	3717325	9.66E-07	30YrCance	9.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
789	ALL		483325	3717325	1.04E-06	30YrCance	1.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
790	ALL		483375	3717325	1.13E-06	30YrCance	1.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
791	ALL		483425	3717325	1.29E-06	30YrCance	1.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
792	ALL		483475	3717325	1.55E-06	30YrCance	1.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
793	ALL		483525	3717325	2.08E-06	30YrCance	2.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
794	ALL		483575	3717325	5.68E-06	30YrCance	5.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
795	ALL		483625	3717325	3.66E-06	30YrCance	3.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
796	ALL		483675	3717325	2.21E-06	30YrCance	2.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
797	ALL		483725	3717325	1.97E-06	30YrCance	1.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
798	ALL		483775	3717325	1.91E-06	30YrCance	1.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
799	ALL		483825	3717325	1.90E-06	30YrCance	1.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
800	ALL		483875	3717325	1.92E-06	30YrCance	1.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
801	ALL		483925	3717325	2.04E-06	30YrCance	2.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
802	ALL		483975	3717325	2.18E-06	30YrCance	2.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
803	ALL		484025	3717325	2.12E-06	30YrCance	2.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
804	ALL		484075	3717325	2.18E-06	30YrCance	2.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
805	ALL		484125	3717325	2.22E-06	30YrCance	2.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
806	ALL		484175	3717325	2.24E-06	30YrCance	2.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
807	ALL		484225	3717325	2.23E-06	30YrCance	2.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
808	ALL		484275	3717325	2.17E-06	30YrCance	2.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
809	ALL		484325	3717325	2.28E-06	30YrCance	2.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
810	ALL		484375	3717325	2.07E-06	30YrCance	2.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:55:22 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitCumCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
811	ALL		484425	3717325	2.20E-06	30YrCance	2.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
812	ALL		484475	3717325	2.08E-06	30YrCance	2.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
813	ALL		484525	3717325	1.73E-06	30YrCance	1.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
814	ALL		484575	3717325	1.63E-06	30YrCance	1.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
815	ALL		484625	3717325	1.89E-06	30YrCance	1.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
816	ALL		484675	3717325	1.97E-06	30YrCance	1.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
817	ALL		484725	3717325	1.81E-06	30YrCance	1.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
818	ALL		484775	3717325	1.49E-06	30YrCance	1.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
819	ALL		484825	3717325	1.40E-06	30YrCance	1.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
820	ALL		484875	3717325	1.30E-06	30YrCance	1.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
821	ALL		484925	3717325	1.16E-06	30YrCance	1.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
822	ALL		484975	3717325	1.01E-06	30YrCance	1.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
823	ALL		485025	3717325	8.68E-07	30YrCance	8.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
824	ALL		485075	3717325	7.94E-07	30YrCance	7.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
825	ALL		485125	3717325	7.25E-07	30YrCance	7.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
826	ALL		485175	3717325	6.71E-07	30YrCance	6.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
827	ALL		485225	3717325	6.47E-07	30YrCance	6.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
828	ALL		485275	3717325	6.28E-07	30YrCance	6.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
829	ALL		485325	3717325	5.99E-07	30YrCance	5.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
830	ALL		485375	3717325	5.64E-07	30YrCance	5.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
831	ALL		485425	3717325	5.23E-07	30YrCance	5.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
832	ALL		485475	3717325	4.74E-07	30YrCance	4.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
833	ALL		482925	3717375	5.79E-07	30YrCance	5.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
834	ALL		482975	3717375	6.06E-07	30YrCance	6.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
835	ALL		483025	3717375	6.40E-07	30YrCance	6.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
836	ALL		483075	3717375	6.94E-07	30YrCance	6.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
837	ALL		483125	3717375	7.59E-07	30YrCance	7.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
838	ALL		483175	3717375	8.29E-07	30YrCance	8.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
839	ALL		483225	3717375	9.04E-07	30YrCance	9.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
840	ALL		483275	3717375	9.85E-07	30YrCance	9.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
841	ALL		483325	3717375	1.07E-06	30YrCance	1.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
842	ALL		483375	3717375	1.17E-06	30YrCance	1.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
843	ALL		483425	3717375	1.30E-06	30YrCance	1.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
844	ALL		483475	3717375	1.47E-06	30YrCance	1.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
845	ALL		483525	3717375	1.78E-06	30YrCance	1.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
846	ALL		483575	3717375	2.59E-06	30YrCance	2.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
847	ALL		483625	3717375	6.84E-06	30YrCance	6.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
848	ALL		483675	3717375	3.03E-06	30YrCance	3.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
849	ALL		483725	3717375	2.36E-06	30YrCance	2.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
850	ALL		483775	3717375	2.23E-06	30YrCance	2.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
851	ALL		483825	3717375	2.22E-06	30YrCance	2.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
852	ALL		483875	3717375	2.25E-06	30YrCance	2.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
853	ALL		483925	3717375	2.28E-06	30YrCance	2.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
854	ALL		483975	3717375	2.51E-06	30YrCance	2.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
855	ALL		484025	3717375	2.55E-06	30YrCance	2.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:55:22 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitCumCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
856	ALL		484075	3717375	2.50E-06	30YrCance	2.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
857	ALL		484125	3717375	2.57E-06	30YrCance	2.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
858	ALL		484175	3717375	2.61E-06	30YrCance	2.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
859	ALL		484225	3717375	2.61E-06	30YrCance	2.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
860	ALL		484275	3717375	2.57E-06	30YrCance	2.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
861	ALL		484325	3717375	2.68E-06	30YrCance	2.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
862	ALL		484375	3717375	2.41E-06	30YrCance	2.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
863	ALL		484425	3717375	2.58E-06	30YrCance	2.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
864	ALL		484475	3717375	2.26E-06	30YrCance	2.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
865	ALL		484525	3717375	1.96E-06	30YrCance	1.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
866	ALL		484575	3717375	2.14E-06	30YrCance	2.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
867	ALL		484625	3717375	2.34E-06	30YrCance	2.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
868	ALL		484675	3717375	2.20E-06	30YrCance	2.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
869	ALL		484725	3717375	1.82E-06	30YrCance	1.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
870	ALL		484775	3717375	1.65E-06	30YrCance	1.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
871	ALL		484825	3717375	1.51E-06	30YrCance	1.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
872	ALL		484875	3717375	1.32E-06	30YrCance	1.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
873	ALL		484925	3717375	1.12E-06	30YrCance	1.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
874	ALL		484975	3717375	9.44E-07	30YrCance	9.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
875	ALL		485025	3717375	9.03E-07	30YrCance	9.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
876	ALL		485075	3717375	8.30E-07	30YrCance	8.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
877	ALL		485125	3717375	7.64E-07	30YrCance	7.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
878	ALL		485175	3717375	7.37E-07	30YrCance	7.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
879	ALL		485225	3717375	7.00E-07	30YrCance	7.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
880	ALL		485275	3717375	6.51E-07	30YrCance	6.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
881	ALL		485325	3717375	5.95E-07	30YrCance	5.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
882	ALL		485375	3717375	5.49E-07	30YrCance	5.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
883	ALL		485425	3717375	5.30E-07	30YrCance	5.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
884	ALL		485475	3717375	4.85E-07	30YrCance	4.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
885	ALL		482925	3717425	5.84E-07	30YrCance	5.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
886	ALL		482975	3717425	6.17E-07	30YrCance	6.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
887	ALL		483025	3717425	6.51E-07	30YrCance	6.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
888	ALL		483075	3717425	6.91E-07	30YrCance	6.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
889	ALL		483125	3717425	7.32E-07	30YrCance	7.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
890	ALL		483175	3717425	8.00E-07	30YrCance	8.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
891	ALL		483225	3717425	8.83E-07	30YrCance	8.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
892	ALL		483275	3717425	9.74E-07	30YrCance	9.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
893	ALL		483325	3717425	1.08E-06	30YrCance	1.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
894	ALL		483375	3717425	1.19E-06	30YrCance	1.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
895	ALL		483425	3717425	1.33E-06	30YrCance	1.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
896	ALL		483475	3717425	1.49E-06	30YrCance	1.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
897	ALL		483525	3717425	1.72E-06	30YrCance	1.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
898	ALL		483575	3717425	2.12E-06	30YrCance	2.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
899	ALL		483625	3717425	3.59E-06	30YrCance	3.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
900	ALL		483675	3717425	7.27E-06	30YrCance	7.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:55:22 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitCumCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
901	ALL		483725	3717425	3.37E-06	30YrCance	3.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
902	ALL		483775	3717425	2.88E-06	30YrCance	2.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
903	ALL		483825	3717425	2.64E-06	30YrCance	2.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
904	ALL		483875	3717425	2.62E-06	30YrCance	2.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
905	ALL		483925	3717425	2.63E-06	30YrCance	2.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
906	ALL		483975	3717425	2.80E-06	30YrCance	2.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
907	ALL		484025	3717425	3.09E-06	30YrCance	3.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
908	ALL		484075	3717425	2.96E-06	30YrCance	2.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
909	ALL		484125	3717425	3.08E-06	30YrCance	3.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
910	ALL		484175	3717425	3.13E-06	30YrCance	3.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
911	ALL		484225	3717425	3.14E-06	30YrCance	3.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
912	ALL		484275	3717425	3.14E-06	30YrCance	3.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
913	ALL		484325	3717425	3.25E-06	30YrCance	3.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
914	ALL		484375	3717425	2.99E-06	30YrCance	2.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
915	ALL		484425	3717425	3.01E-06	30YrCance	3.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
916	ALL		484475	3717425	2.43E-06	30YrCance	2.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
917	ALL		484525	3717425	2.40E-06	30YrCance	2.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
918	ALL		484575	3717425	2.76E-06	30YrCance	2.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
919	ALL		484625	3717425	2.72E-06	30YrCance	2.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
920	ALL		484675	3717425	2.26E-06	30YrCance	2.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
921	ALL		484725	3717425	1.98E-06	30YrCance	1.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
922	ALL		484775	3717425	1.79E-06	30YrCance	1.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
923	ALL		484825	3717425	1.53E-06	30YrCance	1.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
924	ALL		484875	3717425	1.26E-06	30YrCance	1.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
925	ALL		484925	3717425	1.04E-06	30YrCance	1.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
926	ALL		484975	3717425	9.90E-07	30YrCance	9.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
927	ALL		485025	3717425	9.41E-07	30YrCance	9.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
928	ALL		485075	3717425	8.96E-07	30YrCance	8.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
929	ALL		485125	3717425	8.42E-07	30YrCance	8.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
930	ALL		485175	3717425	7.73E-07	30YrCance	7.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
931	ALL		485225	3717425	7.00E-07	30YrCance	7.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
932	ALL		485275	3717425	6.25E-07	30YrCance	6.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
933	ALL		485325	3717425	5.77E-07	30YrCance	5.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
934	ALL		485375	3717425	5.51E-07	30YrCance	5.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
935	ALL		485425	3717425	5.35E-07	30YrCance	5.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
936	ALL		485475	3717425	5.02E-07	30YrCance	5.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
937	ALL		482925	3717475	5.83E-07	30YrCance	5.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
938	ALL		482975	3717475	6.17E-07	30YrCance	6.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
939	ALL		483025	3717475	6.54E-07	30YrCance	6.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
940	ALL		483075	3717475	6.97E-07	30YrCance	6.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
941	ALL		483125	3717475	7.41E-07	30YrCance	7.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
942	ALL		483175	3717475	7.92E-07	30YrCance	7.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
943	ALL		483225	3717475	8.47E-07	30YrCance	8.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
944	ALL		483275	3717475	9.36E-07	30YrCance	9.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
945	ALL		483325	3717475	1.05E-06	30YrCance	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:55:22 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitCumCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
946	ALL		483375	3717475	1.17E-06	30YrCance	1.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
947	ALL		483425	3717475	1.32E-06	30YrCance	1.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
948	ALL		483475	3717475	1.49E-06	30YrCance	1.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
949	ALL		483525	3717475	1.71E-06	30YrCance	1.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
950	ALL		483575	3717475	2.02E-06	30YrCance	2.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
951	ALL		483625	3717475	2.64E-06	30YrCance	2.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
952	ALL		483675	3717475	6.74E-06	30YrCance	6.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
953	ALL		483725	3717475	5.72E-06	30YrCance	5.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
954	ALL		483775	3717475	7.00E-06	30YrCance	7.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
955	ALL		483825	3717475	3.98E-06	30YrCance	3.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
956	ALL		483875	3717475	3.39E-06	30YrCance	3.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
957	ALL		483925	3717475	3.20E-06	30YrCance	3.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
958	ALL		483975	3717475	3.23E-06	30YrCance	3.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
959	ALL		484025	3717475	3.70E-06	30YrCance	3.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
960	ALL		484075	3717475	3.91E-06	30YrCance	3.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
961	ALL		484125	3717475	3.84E-06	30YrCance	3.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
962	ALL		484175	3717475	3.97E-06	30YrCance	3.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
963	ALL		484225	3717475	3.96E-06	30YrCance	3.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
964	ALL		484275	3717475	4.02E-06	30YrCance	4.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
965	ALL		484325	3717475	4.05E-06	30YrCance	4.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
966	ALL		484375	3717475	3.76E-06	30YrCance	3.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
967	ALL		484425	3717475	3.48E-06	30YrCance	3.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
968	ALL		484475	3717475	2.84E-06	30YrCance	2.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
969	ALL		484525	3717475	3.23E-06	30YrCance	3.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
970	ALL		484575	3717475	3.34E-06	30YrCance	3.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
971	ALL		484625	3717475	2.87E-06	30YrCance	2.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
972	ALL		484675	3717475	2.42E-06	30YrCance	2.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
973	ALL		484725	3717475	2.16E-06	30YrCance	2.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
974	ALL		484775	3717475	1.81E-06	30YrCance	1.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
975	ALL		484825	3717475	1.46E-06	30YrCance	1.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
976	ALL		484875	3717475	1.17E-06	30YrCance	1.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
977	ALL		484925	3717475	1.11E-06	30YrCance	1.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
978	ALL		484975	3717475	1.09E-06	30YrCance	1.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
979	ALL		485025	3717475	1.03E-06	30YrCance	1.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
980	ALL		485075	3717475	9.47E-07	30YrCance	9.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
981	ALL		485125	3717475	8.46E-07	30YrCance	8.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
982	ALL		485175	3717475	7.41E-07	30YrCance	7.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
983	ALL		485225	3717475	6.84E-07	30YrCance	6.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
984	ALL		485275	3717475	6.42E-07	30YrCance	6.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
985	ALL		485325	3717475	5.96E-07	30YrCance	5.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
986	ALL		485375	3717475	5.53E-07	30YrCance	5.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
987	ALL		485425	3717475	5.39E-07	30YrCance	5.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
988	ALL		485475	3717475	5.06E-07	30YrCance	5.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
989	ALL		482925	3717525	5.75E-07	30YrCance	5.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
990	ALL		482975	3717525	6.06E-07	30YrCance	6.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:55:22 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitCumCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
991	ALL		483025	3717525	6.47E-07	30YrCance	6.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
992	ALL		483075	3717525	6.93E-07	30YrCance	6.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
993	ALL		483125	3717525	7.42E-07	30YrCance	7.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
994	ALL		483175	3717525	7.97E-07	30YrCance	7.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
995	ALL		483225	3717525	8.57E-07	30YrCance	8.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
996	ALL		483275	3717525	9.23E-07	30YrCance	9.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
997	ALL		483325	3717525	9.98E-07	30YrCance	9.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
998	ALL		483375	3717525	1.12E-06	30YrCance	1.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
999	ALL		483425	3717525	1.28E-06	30YrCance	1.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1000	ALL		483475	3717525	1.46E-06	30YrCance	1.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1001	ALL		483525	3717525	1.69E-06	30YrCance	1.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1002	ALL		483575	3717525	1.98E-06	30YrCance	1.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1003	ALL		483625	3717525	2.42E-06	30YrCance	2.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1004	ALL		483675	3717525	3.40E-06	30YrCance	3.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1005	ALL		483725	3717525	7.70E-06	30YrCance	7.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1006	ALL		483925	3717525	4.26E-06	30YrCance	4.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1007	ALL		483975	3717525	4.17E-06	30YrCance	4.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1008	ALL		484025	3717525	4.62E-06	30YrCance	4.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1009	ALL		484075	3717525	5.48E-06	30YrCance	5.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1010	ALL		484125	3717525	5.44E-06	30YrCance	5.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1011	ALL		484175	3717525	5.54E-06	30YrCance	5.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1012	ALL		484225	3717525	5.60E-06	30YrCance	5.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1013	ALL		484275	3717525	5.63E-06	30YrCance	5.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1014	ALL		484325	3717525	5.26E-06	30YrCance	5.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1015	ALL		484375	3717525	4.75E-06	30YrCance	4.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1016	ALL		484425	3717525	3.92E-06	30YrCance	3.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1017	ALL		484475	3717525	3.83E-06	30YrCance	3.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1018	ALL		484525	3717525	4.16E-06	30YrCance	4.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1019	ALL		484575	3717525	3.66E-06	30YrCance	3.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1020	ALL		484625	3717525	2.98E-06	30YrCance	2.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1021	ALL		484675	3717525	2.65E-06	30YrCance	2.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1022	ALL		484725	3717525	2.18E-06	30YrCance	2.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1023	ALL		484775	3717525	1.71E-06	30YrCance	1.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1024	ALL		484825	3717525	1.41E-06	30YrCance	1.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1025	ALL		484875	3717525	1.36E-06	30YrCance	1.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1026	ALL		484925	3717525	1.27E-06	30YrCance	1.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1027	ALL		484975	3717525	1.16E-06	30YrCance	1.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1028	ALL		485025	3717525	1.04E-06	30YrCance	1.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1029	ALL		485075	3717525	9.06E-07	30YrCance	9.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1030	ALL		485125	3717525	8.31E-07	30YrCance	8.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1031	ALL		485175	3717525	7.67E-07	30YrCance	7.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1032	ALL		485225	3717525	7.04E-07	30YrCance	7.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1033	ALL		485275	3717525	6.43E-07	30YrCance	6.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1034	ALL		485325	3717525	5.92E-07	30YrCance	5.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1035	ALL		485375	3717525	5.56E-07	30YrCance	5.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:55:22 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitCumCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
1036	ALL		485425	3717525	5.52E-07	30YrCance	5.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1037	ALL		485475	3717525	5.18E-07	30YrCance	5.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1038	ALL		482925	3717575	5.78E-07	30YrCance	5.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1039	ALL		482975	3717575	6.12E-07	30YrCance	6.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1040	ALL		483025	3717575	6.50E-07	30YrCance	6.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1041	ALL		483075	3717575	6.89E-07	30YrCance	6.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1042	ALL		483125	3717575	7.31E-07	30YrCance	7.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1043	ALL		483175	3717575	7.87E-07	30YrCance	7.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1044	ALL		483225	3717575	8.51E-07	30YrCance	8.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1045	ALL		483275	3717575	9.22E-07	30YrCance	9.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1046	ALL		483325	3717575	1.00E-06	30YrCance	1.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1047	ALL		483375	3717575	1.09E-06	30YrCance	1.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1048	ALL		483425	3717575	1.21E-06	30YrCance	1.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1049	ALL		483475	3717575	1.37E-06	30YrCance	1.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1050	ALL		483525	3717575	1.61E-06	30YrCance	1.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1051	ALL		483575	3717575	1.90E-06	30YrCance	1.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1052	ALL		483625	3717575	2.29E-06	30YrCance	2.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1053	ALL		483675	3717575	2.90E-06	30YrCance	2.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1054	ALL		483725	3717575	4.64E-06	30YrCance	4.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1055	ALL		483775	3717575	7.83E-06	30YrCance	7.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1056	ALL		483925	3717575	6.58E-06	30YrCance	6.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1057	ALL		483975	3717575	6.45E-06	30YrCance	6.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1058	ALL		484025	3717575	8.96E-06	30YrCance	8.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1059	ALL		484075	3717575	1.29E-05	30YrCance	1.29E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1060	ALL		484125	3717575	1.38E-05	30YrCance	1.38E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1061	ALL		484175	3717575	1.38E-05	30YrCance	1.38E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1062	ALL		484225	3717575	1.39E-05	30YrCance	1.39E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1063	ALL		484275	3717575	1.42E-05	30YrCance	1.42E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1064	ALL		484325	3717575	7.60E-06	30YrCance	7.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1065	ALL		484375	3717575	6.01E-06	30YrCance	6.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1066	ALL		484425	3717575	4.63E-06	30YrCance	4.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1067	ALL		484475	3717575	5.27E-06	30YrCance	5.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1068	ALL		484525	3717575	4.81E-06	30YrCance	4.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1069	ALL		484575	3717575	3.74E-06	30YrCance	3.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1070	ALL		484625	3717575	3.26E-06	30YrCance	3.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1071	ALL		484675	3717575	2.61E-06	30YrCance	2.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1072	ALL		484725	3717575	2.01E-06	30YrCance	2.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1073	ALL		484775	3717575	1.82E-06	30YrCance	1.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1074	ALL		484825	3717575	1.68E-06	30YrCance	1.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1075	ALL		484875	3717575	1.50E-06	30YrCance	1.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1076	ALL		484925	3717575	1.30E-06	30YrCance	1.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1077	ALL		484975	3717575	1.11E-06	30YrCance	1.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1078	ALL		485025	3717575	1.03E-06	30YrCance	1.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1079	ALL		485075	3717575	9.44E-07	30YrCance	9.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1080	ALL		485125	3717575	8.44E-07	30YrCance	8.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:55:22 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitCumCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
1081	ALL		485175	3717575	7.67E-07	30YrCance	7.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1082	ALL		485225	3717575	7.07E-07	30YrCance	7.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1083	ALL		485275	3717575	6.58E-07	30YrCance	6.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1084	ALL		485325	3717575	6.09E-07	30YrCance	6.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1085	ALL		485375	3717575	5.67E-07	30YrCance	5.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1086	ALL		485425	3717575	5.48E-07	30YrCance	5.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1087	ALL		485475	3717575	5.21E-07	30YrCance	5.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1088	ALL		482925	3717625	5.67E-07	30YrCance	5.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1089	ALL		482975	3717625	6.06E-07	30YrCance	6.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1090	ALL		483025	3717625	6.48E-07	30YrCance	6.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1091	ALL		483075	3717625	6.94E-07	30YrCance	6.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1092	ALL		483125	3717625	7.44E-07	30YrCance	7.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1093	ALL		483175	3717625	7.99E-07	30YrCance	7.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1094	ALL		483225	3717625	8.59E-07	30YrCance	8.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1095	ALL		483275	3717625	9.26E-07	30YrCance	9.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1096	ALL		483325	3717625	9.98E-07	30YrCance	9.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1097	ALL		483375	3717625	1.08E-06	30YrCance	1.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1098	ALL		483425	3717625	1.20E-06	30YrCance	1.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1099	ALL		483475	3717625	1.34E-06	30YrCance	1.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1100	ALL		483525	3717625	1.51E-06	30YrCance	1.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1101	ALL		483575	3717625	1.76E-06	30YrCance	1.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1102	ALL		483625	3717625	2.13E-06	30YrCance	2.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1103	ALL		483675	3717625	2.63E-06	30YrCance	2.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1104	ALL		483725	3717625	3.48E-06	30YrCance	3.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1105	ALL		483775	3717625	7.45E-06	30YrCance	7.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1106	ALL		484525	3717625	4.92E-06	30YrCance	4.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1107	ALL		484575	3717625	4.14E-06	30YrCance	4.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1108	ALL		484625	3717625	3.19E-06	30YrCance	3.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1109	ALL		484675	3717625	2.49E-06	30YrCance	2.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1110	ALL		484725	3717625	2.32E-06	30YrCance	2.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1111	ALL		484775	3717625	2.05E-06	30YrCance	2.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1112	ALL		484825	3717625	1.74E-06	30YrCance	1.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1113	ALL		484875	3717625	1.44E-06	30YrCance	1.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1114	ALL		484925	3717625	1.29E-06	30YrCance	1.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1115	ALL		484975	3717625	1.14E-06	30YrCance	1.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1116	ALL		485025	3717625	1.03E-06	30YrCance	1.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1117	ALL		485075	3717625	9.37E-07	30YrCance	9.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1118	ALL		485125	3717625	8.61E-07	30YrCance	8.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1119	ALL		485175	3717625	7.84E-07	30YrCance	7.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1120	ALL		485225	3717625	7.22E-07	30YrCance	7.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1121	ALL		485275	3717625	6.67E-07	30YrCance	6.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1122	ALL		485325	3717625	6.13E-07	30YrCance	6.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1123	ALL		485375	3717625	5.63E-07	30YrCance	5.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1124	ALL		485425	3717625	5.37E-07	30YrCance	5.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1125	ALL		485475	3717625	5.13E-07	30YrCance	5.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:55:22 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitCumCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
1126	ALL		482925	3717675	5.47E-07	30YrCance	5.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1127	ALL		482975	3717675	5.81E-07	30YrCance	5.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1128	ALL		483025	3717675	6.20E-07	30YrCance	6.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1129	ALL		483075	3717675	6.70E-07	30YrCance	6.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1130	ALL		483125	3717675	7.24E-07	30YrCance	7.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1131	ALL		483175	3717675	7.85E-07	30YrCance	7.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1132	ALL		483225	3717675	8.54E-07	30YrCance	8.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1133	ALL		483275	3717675	9.32E-07	30YrCance	9.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1134	ALL		483325	3717675	1.02E-06	30YrCance	1.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1135	ALL		483375	3717675	1.12E-06	30YrCance	1.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1136	ALL		483425	3717675	1.23E-06	30YrCance	1.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1137	ALL		483475	3717675	1.36E-06	30YrCance	1.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1138	ALL		483525	3717675	1.51E-06	30YrCance	1.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1139	ALL		483575	3717675	1.70E-06	30YrCance	1.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1140	ALL		483625	3717675	1.95E-06	30YrCance	1.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1141	ALL		483675	3717675	2.35E-06	30YrCance	2.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1142	ALL		483725	3717675	3.00E-06	30YrCance	3.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1143	ALL		483775	3717675	4.27E-06	30YrCance	4.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1144	ALL		483825	3717675	9.52E-06	30YrCance	9.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1145	ALL		484525	3717675	5.49E-06	30YrCance	5.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1146	ALL		484575	3717675	3.98E-06	30YrCance	3.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1147	ALL		484625	3717675	3.36E-06	30YrCance	3.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1148	ALL		484675	3717675	2.94E-06	30YrCance	2.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1149	ALL		484725	3717675	2.44E-06	30YrCance	2.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1150	ALL		484775	3717675	2.03E-06	30YrCance	2.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1151	ALL		484825	3717675	1.77E-06	30YrCance	1.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1152	ALL		484875	3717675	1.49E-06	30YrCance	1.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1153	ALL		484925	3717675	1.29E-06	30YrCance	1.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1154	ALL		484975	3717675	1.13E-06	30YrCance	1.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1155	ALL		485025	3717675	1.02E-06	30YrCance	1.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1156	ALL		485075	3717675	9.37E-07	30YrCance	9.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1157	ALL		485125	3717675	8.62E-07	30YrCance	8.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1158	ALL		485175	3717675	7.90E-07	30YrCance	7.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1159	ALL		485225	3717675	7.28E-07	30YrCance	7.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1160	ALL		485275	3717675	6.68E-07	30YrCance	6.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1161	ALL		485325	3717675	6.21E-07	30YrCance	6.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1162	ALL		485375	3717675	5.77E-07	30YrCance	5.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1163	ALL		485425	3717675	5.39E-07	30YrCance	5.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1164	ALL		485475	3717675	5.08E-07	30YrCance	5.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1165	ALL		482925	3717725	5.61E-07	30YrCance	5.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1166	ALL		482975	3717725	5.95E-07	30YrCance	5.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1167	ALL		483025	3717725	6.28E-07	30YrCance	6.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1168	ALL		483075	3717725	6.63E-07	30YrCance	6.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1169	ALL		483125	3717725	7.00E-07	30YrCance	7.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1170	ALL		483175	3717725	7.40E-07	30YrCance	7.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:55:22 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitCumCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
1171	ALL		483225	3717725	8.06E-07	30YrCance	8.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1172	ALL		483275	3717725	8.87E-07	30YrCance	8.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1173	ALL		483325	3717725	9.79E-07	30YrCance	9.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1174	ALL		483375	3717725	1.09E-06	30YrCance	1.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1175	ALL		483425	3717725	1.21E-06	30YrCance	1.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1176	ALL		483475	3717725	1.36E-06	30YrCance	1.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1177	ALL		483525	3717725	1.53E-06	30YrCance	1.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1178	ALL		483575	3717725	1.74E-06	30YrCance	1.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1179	ALL		483625	3717725	2.00E-06	30YrCance	2.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1180	ALL		483675	3717725	2.32E-06	30YrCance	2.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1181	ALL		483725	3717725	2.74E-06	30YrCance	2.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1182	ALL		483775	3717725	3.41E-06	30YrCance	3.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1183	ALL		483825	3717725	5.60E-06	30YrCance	5.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1184	ALL		484525	3717725	5.47E-06	30YrCance	5.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1185	ALL		484575	3717725	4.59E-06	30YrCance	4.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1186	ALL		484625	3717725	3.62E-06	30YrCance	3.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1187	ALL		484675	3717725	2.91E-06	30YrCance	2.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1188	ALL		484725	3717725	2.42E-06	30YrCance	2.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1189	ALL		484775	3717725	1.99E-06	30YrCance	1.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1190	ALL		484825	3717725	1.71E-06	30YrCance	1.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1191	ALL		484875	3717725	1.45E-06	30YrCance	1.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1192	ALL		484925	3717725	1.28E-06	30YrCance	1.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1193	ALL		484975	3717725	1.14E-06	30YrCance	1.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1194	ALL		485025	3717725	1.03E-06	30YrCance	1.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1195	ALL		485075	3717725	9.39E-07	30YrCance	9.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1196	ALL		485125	3717725	8.65E-07	30YrCance	8.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1197	ALL		485175	3717725	8.07E-07	30YrCance	8.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1198	ALL		485225	3717725	7.46E-07	30YrCance	7.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1199	ALL		485275	3717725	6.82E-07	30YrCance	6.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1200	ALL		485325	3717725	6.29E-07	30YrCance	6.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1201	ALL		485375	3717725	5.84E-07	30YrCance	5.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1202	ALL		485425	3717725	5.40E-07	30YrCance	5.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1203	ALL		485475	3717725	5.07E-07	30YrCance	5.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1204	ALL		482925	3717775	5.85E-07	30YrCance	5.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1205	ALL		482975	3717775	6.18E-07	30YrCance	6.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1206	ALL		483025	3717775	6.54E-07	30YrCance	6.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1207	ALL		483075	3717775	6.90E-07	30YrCance	6.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1208	ALL		483125	3717775	7.33E-07	30YrCance	7.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1209	ALL		483175	3717775	7.79E-07	30YrCance	7.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1210	ALL		483225	3717775	8.36E-07	30YrCance	8.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1211	ALL		483275	3717775	8.99E-07	30YrCance	8.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1212	ALL		483325	3717775	9.71E-07	30YrCance	9.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1213	ALL		483375	3717775	1.05E-06	30YrCance	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1214	ALL		483425	3717775	1.15E-06	30YrCance	1.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1215	ALL		483475	3717775	1.26E-06	30YrCance	1.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:55:22 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitCumCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
1216	ALL		483525	3717775	1.43E-06	30YrCance	1.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1217	ALL		483575	3717775	1.65E-06	30YrCance	1.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1218	ALL		483625	3717775	1.91E-06	30YrCance	1.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1219	ALL		483675	3717775	2.25E-06	30YrCance	2.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1220	ALL		483725	3717775	2.70E-06	30YrCance	2.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1221	ALL		483775	3717775	3.32E-06	30YrCance	3.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1222	ALL		483825	3717775	4.41E-06	30YrCance	4.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1223	ALL		483875	3717775	8.84E-06	30YrCance	8.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1224	ALL		484525	3717775	6.32E-06	30YrCance	6.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1225	ALL		484575	3717775	4.75E-06	30YrCance	4.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1226	ALL		484625	3717775	3.59E-06	30YrCance	3.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1227	ALL		484675	3717775	2.78E-06	30YrCance	2.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1228	ALL		484725	3717775	2.36E-06	30YrCance	2.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1229	ALL		484775	3717775	2.03E-06	30YrCance	2.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1230	ALL		484825	3717775	1.75E-06	30YrCance	1.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1231	ALL		484875	3717775	1.52E-06	30YrCance	1.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1232	ALL		484925	3717775	1.34E-06	30YrCance	1.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1233	ALL		484975	3717775	1.19E-06	30YrCance	1.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1234	ALL		485025	3717775	1.05E-06	30YrCance	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1235	ALL		485075	3717775	9.42E-07	30YrCance	9.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1236	ALL		485125	3717775	8.68E-07	30YrCance	8.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1237	ALL		485175	3717775	8.05E-07	30YrCance	8.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1238	ALL		485225	3717775	7.43E-07	30YrCance	7.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1239	ALL		485275	3717775	6.88E-07	30YrCance	6.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1240	ALL		485325	3717775	6.34E-07	30YrCance	6.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1241	ALL		485375	3717775	5.88E-07	30YrCance	5.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1242	ALL		485425	3717775	5.46E-07	30YrCance	5.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1243	ALL		485475	3717775	5.14E-07	30YrCance	5.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1244	ALL		482925	3717825	5.96E-07	30YrCance	5.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1245	ALL		482975	3717825	6.31E-07	30YrCance	6.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1246	ALL		483025	3717825	6.67E-07	30YrCance	6.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1247	ALL		483075	3717825	7.06E-07	30YrCance	7.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1248	ALL		483125	3717825	7.55E-07	30YrCance	7.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1249	ALL		483175	3717825	8.04E-07	30YrCance	8.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1250	ALL		483225	3717825	8.61E-07	30YrCance	8.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1251	ALL		483275	3717825	9.29E-07	30YrCance	9.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1252	ALL		483325	3717825	1.00E-06	30YrCance	1.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1253	ALL		483375	3717825	1.09E-06	30YrCance	1.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1254	ALL		483425	3717825	1.19E-06	30YrCance	1.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1255	ALL		483475	3717825	1.30E-06	30YrCance	1.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1256	ALL		483525	3717825	1.44E-06	30YrCance	1.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1257	ALL		483575	3717825	1.60E-06	30YrCance	1.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1258	ALL		483625	3717825	1.80E-06	30YrCance	1.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1259	ALL		483675	3717825	2.05E-06	30YrCance	2.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1260	ALL		483725	3717825	2.39E-06	30YrCance	2.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:55:22 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitCumCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
1261	ALL		483775	3717825	2.95E-06	30YrCance	2.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1262	ALL		483825	3717825	3.82E-06	30YrCance	3.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1263	ALL		483875	3717825	5.50E-06	30YrCance	5.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1264	ALL		483925	3717825	1.20E-05	30YrCance	1.20E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1265	ALL		484525	3717825	6.47E-06	30YrCance	6.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1266	ALL		484575	3717825	4.90E-06	30YrCance	4.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1267	ALL		484625	3717825	3.76E-06	30YrCance	3.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1268	ALL		484675	3717825	3.01E-06	30YrCance	3.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1269	ALL		484725	3717825	2.48E-06	30YrCance	2.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1270	ALL		484775	3717825	2.08E-06	30YrCance	2.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1271	ALL		484825	3717825	1.76E-06	30YrCance	1.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1272	ALL		484875	3717825	1.51E-06	30YrCance	1.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1273	ALL		484925	3717825	1.31E-06	30YrCance	1.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1274	ALL		484975	3717825	1.17E-06	30YrCance	1.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1275	ALL		485025	3717825	1.05E-06	30YrCance	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1276	ALL		485075	3717825	9.53E-07	30YrCance	9.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1277	ALL		485125	3717825	8.68E-07	30YrCance	8.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1278	ALL		485175	3717825	7.98E-07	30YrCance	7.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1279	ALL		485225	3717825	7.30E-07	30YrCance	7.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1280	ALL		485275	3717825	6.75E-07	30YrCance	6.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1281	ALL		485325	3717825	6.25E-07	30YrCance	6.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1282	ALL		485375	3717825	5.81E-07	30YrCance	5.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1283	ALL		485425	3717825	5.49E-07	30YrCance	5.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1284	ALL		485475	3717825	5.14E-07	30YrCance	5.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1285	ALL		482925	3717875	5.96E-07	30YrCance	5.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1286	ALL		482975	3717875	6.31E-07	30YrCance	6.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1287	ALL		483025	3717875	6.69E-07	30YrCance	6.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1288	ALL		483075	3717875	7.08E-07	30YrCance	7.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1289	ALL		483125	3717875	7.59E-07	30YrCance	7.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1290	ALL		483175	3717875	8.11E-07	30YrCance	8.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1291	ALL		483225	3717875	8.62E-07	30YrCance	8.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1292	ALL		483275	3717875	9.32E-07	30YrCance	9.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1293	ALL		483325	3717875	1.01E-06	30YrCance	1.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1294	ALL		483375	3717875	1.10E-06	30YrCance	1.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1295	ALL		483425	3717875	1.20E-06	30YrCance	1.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1296	ALL		483475	3717875	1.32E-06	30YrCance	1.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1297	ALL		483525	3717875	1.46E-06	30YrCance	1.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1298	ALL		483575	3717875	1.62E-06	30YrCance	1.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1299	ALL		483625	3717875	1.81E-06	30YrCance	1.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1300	ALL		483675	3717875	2.04E-06	30YrCance	2.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1301	ALL		483725	3717875	2.34E-06	30YrCance	2.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1302	ALL		483775	3717875	2.75E-06	30YrCance	2.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1303	ALL		483825	3717875	3.36E-06	30YrCance	3.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1304	ALL		483875	3717875	4.37E-06	30YrCance	4.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1305	ALL		483925	3717875	7.00E-06	30YrCance	7.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:55:22 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitCumCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
1306	ALL		484525	3717875	6.52E-06	30YrCance	6.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1307	ALL		484575	3717875	4.78E-06	30YrCance	4.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1308	ALL		484625	3717875	3.70E-06	30YrCance	3.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1309	ALL		484675	3717875	2.97E-06	30YrCance	2.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1310	ALL		484725	3717875	2.47E-06	30YrCance	2.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1311	ALL		484775	3717875	2.09E-06	30YrCance	2.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1312	ALL		484825	3717875	1.79E-06	30YrCance	1.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1313	ALL		484875	3717875	1.56E-06	30YrCance	1.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1314	ALL		484925	3717875	1.36E-06	30YrCance	1.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1315	ALL		484975	3717875	1.21E-06	30YrCance	1.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1316	ALL		485025	3717875	1.09E-06	30YrCance	1.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1317	ALL		485075	3717875	9.71E-07	30YrCance	9.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1318	ALL		485125	3717875	8.80E-07	30YrCance	8.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1319	ALL		485175	3717875	8.00E-07	30YrCance	8.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1320	ALL		485225	3717875	7.35E-07	30YrCance	7.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1321	ALL		485275	3717875	6.82E-07	30YrCance	6.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1322	ALL		485325	3717875	6.31E-07	30YrCance	6.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1323	ALL		485375	3717875	5.91E-07	30YrCance	5.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1324	ALL		485425	3717875	5.54E-07	30YrCance	5.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1325	ALL		485475	3717875	5.20E-07	30YrCance	5.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1326	ALL		482925	3717925	5.78E-07	30YrCance	5.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1327	ALL		482975	3717925	6.17E-07	30YrCance	6.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1328	ALL		483025	3717925	6.56E-07	30YrCance	6.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1329	ALL		483075	3717925	6.96E-07	30YrCance	6.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1330	ALL		483125	3717925	7.41E-07	30YrCance	7.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1331	ALL		483175	3717925	7.90E-07	30YrCance	7.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1332	ALL		483225	3717925	8.44E-07	30YrCance	8.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1333	ALL		483275	3717925	9.10E-07	30YrCance	9.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1334	ALL		483325	3717925	9.84E-07	30YrCance	9.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1335	ALL		483375	3717925	1.07E-06	30YrCance	1.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1336	ALL		483425	3717925	1.16E-06	30YrCance	1.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1337	ALL		483475	3717925	1.28E-06	30YrCance	1.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1338	ALL		483525	3717925	1.41E-06	30YrCance	1.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1339	ALL		483575	3717925	1.57E-06	30YrCance	1.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1340	ALL		483625	3717925	1.73E-06	30YrCance	1.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1341	ALL		483675	3717925	1.95E-06	30YrCance	1.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1342	ALL		483725	3717925	2.22E-06	30YrCance	2.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1343	ALL		483775	3717925	2.59E-06	30YrCance	2.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1344	ALL		483825	3717925	3.09E-06	30YrCance	3.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1345	ALL		483875	3717925	3.91E-06	30YrCance	3.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1346	ALL		483925	3717925	5.36E-06	30YrCance	5.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1347	ALL		483975	3717925	9.64E-06	30YrCance	9.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1348	ALL		484525	3717925	6.73E-06	30YrCance	6.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1349	ALL		484575	3717925	4.66E-06	30YrCance	4.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1350	ALL		484625	3717925	3.50E-06	30YrCance	3.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:55:22 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitCumCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
1351	ALL		484675	3717925	2.80E-06	30YrCance	2.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1352	ALL		484725	3717925	2.31E-06	30YrCance	2.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1353	ALL		484775	3717925	1.97E-06	30YrCance	1.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1354	ALL		484825	3717925	1.71E-06	30YrCance	1.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1355	ALL		484875	3717925	1.50E-06	30YrCance	1.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1356	ALL		484925	3717925	1.32E-06	30YrCance	1.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1357	ALL		484975	3717925	1.18E-06	30YrCance	1.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1358	ALL		485025	3717925	1.06E-06	30YrCance	1.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1359	ALL		485075	3717925	9.62E-07	30YrCance	9.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1360	ALL		485125	3717925	8.75E-07	30YrCance	8.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1361	ALL		485175	3717925	8.06E-07	30YrCance	8.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1362	ALL		485225	3717925	7.43E-07	30YrCance	7.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1363	ALL		485275	3717925	6.88E-07	30YrCance	6.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1364	ALL		485325	3717925	6.40E-07	30YrCance	6.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1365	ALL		485375	3717925	5.93E-07	30YrCance	5.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1366	ALL		485425	3717925	5.54E-07	30YrCance	5.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1367	ALL		485475	3717925	5.21E-07	30YrCance	5.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1368	ALL		482925	3717975	5.75E-07	30YrCance	5.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1369	ALL		482975	3717975	6.10E-07	30YrCance	6.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1370	ALL		483025	3717975	6.48E-07	30YrCance	6.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1371	ALL		483075	3717975	6.88E-07	30YrCance	6.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1372	ALL		483125	3717975	7.33E-07	30YrCance	7.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1373	ALL		483175	3717975	7.83E-07	30YrCance	7.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1374	ALL		483225	3717975	8.40E-07	30YrCance	8.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1375	ALL		483275	3717975	9.03E-07	30YrCance	9.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1376	ALL		483325	3717975	9.74E-07	30YrCance	9.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1377	ALL		483375	3717975	1.06E-06	30YrCance	1.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1378	ALL		483425	3717975	1.15E-06	30YrCance	1.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1379	ALL		483475	3717975	1.25E-06	30YrCance	1.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1380	ALL		483525	3717975	1.38E-06	30YrCance	1.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1381	ALL		483575	3717975	1.51E-06	30YrCance	1.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1382	ALL		483625	3717975	1.67E-06	30YrCance	1.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1383	ALL		483675	3717975	1.85E-06	30YrCance	1.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1384	ALL		483725	3717975	2.14E-06	30YrCance	2.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1385	ALL		483775	3717975	2.45E-06	30YrCance	2.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1386	ALL		483825	3717975	2.82E-06	30YrCance	2.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1387	ALL		483875	3717975	3.55E-06	30YrCance	3.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1388	ALL		483925	3717975	4.76E-06	30YrCance	4.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1389	ALL		483975	3717975	8.20E-06	30YrCance	8.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1390	ALL		484525	3717975	6.30E-06	30YrCance	6.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1391	ALL		484575	3717975	4.94E-06	30YrCance	4.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1392	ALL		484625	3717975	4.00E-06	30YrCance	4.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1393	ALL		484675	3717975	3.24E-06	30YrCance	3.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1394	ALL		484725	3717975	2.64E-06	30YrCance	2.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1395	ALL		484775	3717975	2.16E-06	30YrCance	2.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:55:22 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitCumCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_E	EGG_RISK
1396	ALL		484825	3717975	1.78E-06	30YrCance	1.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1397	ALL		484875	3717975	1.49E-06	30YrCance	1.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1398	ALL		484925	3717975	1.33E-06	30YrCance	1.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1399	ALL		484975	3717975	1.19E-06	30YrCance	1.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1400	ALL		485025	3717975	1.07E-06	30YrCance	1.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1401	ALL		485075	3717975	9.73E-07	30YrCance	9.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1402	ALL		485125	3717975	8.87E-07	30YrCance	8.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1403	ALL		485175	3717975	8.31E-07	30YrCance	8.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1404	ALL		485225	3717975	7.51E-07	30YrCance	7.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1405	ALL		485275	3717975	6.87E-07	30YrCance	6.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1406	ALL		485325	3717975	6.41E-07	30YrCance	6.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1407	ALL		485375	3717975	5.92E-07	30YrCance	5.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1408	ALL		485425	3717975	5.56E-07	30YrCance	5.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1409	ALL		485475	3717975	5.23E-07	30YrCance	5.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1410	ALL		482925	3718025	5.68E-07	30YrCance	5.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1411	ALL		482975	3718025	6.02E-07	30YrCance	6.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1412	ALL		483025	3718025	6.38E-07	30YrCance	6.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1413	ALL		483075	3718025	6.77E-07	30YrCance	6.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1414	ALL		483125	3718025	7.20E-07	30YrCance	7.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1415	ALL		483175	3718025	7.68E-07	30YrCance	7.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1416	ALL		483225	3718025	8.20E-07	30YrCance	8.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1417	ALL		483275	3718025	8.79E-07	30YrCance	8.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1418	ALL		483325	3718025	9.45E-07	30YrCance	9.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1419	ALL		483375	3718025	1.02E-06	30YrCance	1.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1420	ALL		483425	3718025	1.10E-06	30YrCance	1.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1421	ALL		483475	3718025	1.19E-06	30YrCance	1.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1422	ALL		483525	3718025	1.30E-06	30YrCance	1.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1423	ALL		483575	3718025	1.42E-06	30YrCance	1.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1424	ALL		483625	3718025	1.56E-06	30YrCance	1.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1425	ALL		483675	3718025	1.72E-06	30YrCance	1.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1426	ALL		483725	3718025	2.01E-06	30YrCance	2.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1427	ALL		483775	3718025	2.35E-06	30YrCance	2.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1428	ALL		483825	3718025	2.74E-06	30YrCance	2.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1429	ALL		483875	3718025	3.40E-06	30YrCance	3.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1430	ALL		483925	3718025	4.47E-06	30YrCance	4.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1431	ALL		483975	3718025	6.34E-06	30YrCance	6.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1432	ALL		484025	3718025	1.27E-05	30YrCance	1.27E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1433	ALL		484525	3718025	5.28E-06	30YrCance	5.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1434	ALL		484575	3718025	4.34E-06	30YrCance	4.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1435	ALL		484625	3718025	3.59E-06	30YrCance	3.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1436	ALL		484675	3718025	2.96E-06	30YrCance	2.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1437	ALL		484725	3718025	2.53E-06	30YrCance	2.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1438	ALL		484775	3718025	2.25E-06	30YrCance	2.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1439	ALL		484825	3718025	1.97E-06	30YrCance	1.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1440	ALL		484875	3718025	1.72E-06	30YrCance	1.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:55:22 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitCumCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
1441	ALL		484925	3718025	1.49E-06	30YrCance	1.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1442	ALL		484975	3718025	1.28E-06	30YrCance	1.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1443	ALL		485025	3718025	1.11E-06	30YrCance	1.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1444	ALL		485075	3718025	9.70E-07	30YrCance	9.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1445	ALL		485125	3718025	8.79E-07	30YrCance	8.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1446	ALL		485175	3718025	8.22E-07	30YrCance	8.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1447	ALL		485225	3718025	7.54E-07	30YrCance	7.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1448	ALL		485275	3718025	6.84E-07	30YrCance	6.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1449	ALL		485325	3718025	6.36E-07	30YrCance	6.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1450	ALL		485375	3718025	5.93E-07	30YrCance	5.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1451	ALL		485425	3718025	5.65E-07	30YrCance	5.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1452	ALL		485475	3718025	5.32E-07	30YrCance	5.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1453	ALL		482925	3718075	5.45E-07	30YrCance	5.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1454	ALL		482975	3718075	5.79E-07	30YrCance	5.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1455	ALL		483025	3718075	6.13E-07	30YrCance	6.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1456	ALL		483075	3718075	6.50E-07	30YrCance	6.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1457	ALL		483125	3718075	6.86E-07	30YrCance	6.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1458	ALL		483175	3718075	7.27E-07	30YrCance	7.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1459	ALL		483225	3718075	7.65E-07	30YrCance	7.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1460	ALL		483275	3718075	8.31E-07	30YrCance	8.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1461	ALL		483325	3718075	8.90E-07	30YrCance	8.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1462	ALL		483375	3718075	9.55E-07	30YrCance	9.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1463	ALL		483425	3718075	1.03E-06	30YrCance	1.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1464	ALL		483475	3718075	1.10E-06	30YrCance	1.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1465	ALL		483525	3718075	1.22E-06	30YrCance	1.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1466	ALL		483575	3718075	1.36E-06	30YrCance	1.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1467	ALL		483625	3718075	1.53E-06	30YrCance	1.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1468	ALL		483675	3718075	1.74E-06	30YrCance	1.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1469	ALL		483725	3718075	2.03E-06	30YrCance	2.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1470	ALL		483775	3718075	2.33E-06	30YrCance	2.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1471	ALL		483825	3718075	2.73E-06	30YrCance	2.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1472	ALL		483875	3718075	3.26E-06	30YrCance	3.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1473	ALL		483925	3718075	3.94E-06	30YrCance	3.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1474	ALL		483975	3718075	5.20E-06	30YrCance	5.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1475	ALL		484025	3718075	1.00E-05	30YrCance	1.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1476	ALL		484525	3718075	5.21E-06	30YrCance	5.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1477	ALL		484575	3718075	3.77E-06	30YrCance	3.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1478	ALL		484625	3718075	3.04E-06	30YrCance	3.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1479	ALL		484675	3718075	2.69E-06	30YrCance	2.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1480	ALL		484725	3718075	2.37E-06	30YrCance	2.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1481	ALL		484775	3718075	2.08E-06	30YrCance	2.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1482	ALL		484825	3718075	1.80E-06	30YrCance	1.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1483	ALL		484875	3718075	1.57E-06	30YrCance	1.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1484	ALL		484925	3718075	1.44E-06	30YrCance	1.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1485	ALL		484975	3718075	1.32E-06	30YrCance	1.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:55:22 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitCumCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
1486	ALL		485025	3718075	1.19E-06	30YrCance	1.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1487	ALL		485075	3718075	1.08E-06	30YrCance	1.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1488	ALL		485125	3718075	9.65E-07	30YrCance	9.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1489	ALL		485175	3718075	8.59E-07	30YrCance	8.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1490	ALL		485225	3718075	7.69E-07	30YrCance	7.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1491	ALL		485275	3718075	6.81E-07	30YrCance	6.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1492	ALL		485325	3718075	6.26E-07	30YrCance	6.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1493	ALL		485375	3718075	5.87E-07	30YrCance	5.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1494	ALL		485425	3718075	5.56E-07	30YrCance	5.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1495	ALL		485475	3718075	5.27E-07	30YrCance	5.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1496	ALL		482925	3718125	5.03E-07	30YrCance	5.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1497	ALL		482975	3718125	5.31E-07	30YrCance	5.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1498	ALL		483025	3718125	5.66E-07	30YrCance	5.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1499	ALL		483075	3718125	5.99E-07	30YrCance	5.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1500	ALL		483125	3718125	6.37E-07	30YrCance	6.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1501	ALL		483175	3718125	6.71E-07	30YrCance	6.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1502	ALL		483225	3718125	8.79E-07	30YrCance	8.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1503	ALL		483275	3718125	7.44E-07	30YrCance	7.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1504	ALL		483325	3718125	8.41E-07	30YrCance	8.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1505	ALL		483375	3718125	9.30E-07	30YrCance	9.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1506	ALL		483425	3718125	1.02E-06	30YrCance	1.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1507	ALL		483475	3718125	1.13E-06	30YrCance	1.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1508	ALL		483525	3718125	1.25E-06	30YrCance	1.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1509	ALL		483575	3718125	1.38E-06	30YrCance	1.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1510	ALL		483625	3718125	1.54E-06	30YrCance	1.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1511	ALL		483675	3718125	1.72E-06	30YrCance	1.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1512	ALL		483725	3718125	1.94E-06	30YrCance	1.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1513	ALL		483775	3718125	2.20E-06	30YrCance	2.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1514	ALL		483825	3718125	2.51E-06	30YrCance	2.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1515	ALL		483875	3718125	2.97E-06	30YrCance	2.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1516	ALL		483925	3718125	3.52E-06	30YrCance	3.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1517	ALL		483975	3718125	4.52E-06	30YrCance	4.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1518	ALL		484025	3718125	7.24E-06	30YrCance	7.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1519	ALL		484525	3718125	4.71E-06	30YrCance	4.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1520	ALL		484575	3718125	3.94E-06	30YrCance	3.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1521	ALL		484625	3718125	2.91E-06	30YrCance	2.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1522	ALL		484675	3718125	2.40E-06	30YrCance	2.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1523	ALL		484725	3718125	2.05E-06	30YrCance	2.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1524	ALL		484775	3718125	1.89E-06	30YrCance	1.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1525	ALL		484825	3718125	1.71E-06	30YrCance	1.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1526	ALL		484875	3718125	1.54E-06	30YrCance	1.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1527	ALL		484925	3718125	1.38E-06	30YrCance	1.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1528	ALL		484975	3718125	1.23E-06	30YrCance	1.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1529	ALL		485025	3718125	1.09E-06	30YrCance	1.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1530	ALL		485075	3718125	1.01E-06	30YrCance	1.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:55:22 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitCumCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
1531	ALL		485125	3718125	9.43E-07	30YrCance	9.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1532	ALL		485175	3718125	8.75E-07	30YrCance	8.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1533	ALL		485225	3718125	8.05E-07	30YrCance	8.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1534	ALL		485275	3718125	7.36E-07	30YrCance	7.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1535	ALL		485325	3718125	6.76E-07	30YrCance	6.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1536	ALL		485375	3718125	6.21E-07	30YrCance	6.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1537	ALL		485425	3718125	5.71E-07	30YrCance	5.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1538	ALL		485475	3718125	5.24E-07	30YrCance	5.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1539	ALL		482925	3718175	8.65E-07	30YrCance	8.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1540	ALL		482975	3718175	9.13E-07	30YrCance	9.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1541	ALL		483025	3718175	9.33E-07	30YrCance	9.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1542	ALL		483075	3718175	6.51E-07	30YrCance	6.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1543	ALL		483125	3718175	5.90E-07	30YrCance	5.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1544	ALL		483175	3718175	6.53E-07	30YrCance	6.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1545	ALL		483225	3718175	1.04E-06	30YrCance	1.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1546	ALL		483275	3718175	8.14E-07	30YrCance	8.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1547	ALL		483325	3718175	8.62E-07	30YrCance	8.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1548	ALL		483375	3718175	9.49E-07	30YrCance	9.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1549	ALL		483425	3718175	1.04E-06	30YrCance	1.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1550	ALL		483475	3718175	1.14E-06	30YrCance	1.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1551	ALL		483525	3718175	1.24E-06	30YrCance	1.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1552	ALL		483575	3718175	1.36E-06	30YrCance	1.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1553	ALL		483625	3718175	1.49E-06	30YrCance	1.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1554	ALL		483675	3718175	1.65E-06	30YrCance	1.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1555	ALL		483725	3718175	1.81E-06	30YrCance	1.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1556	ALL		483775	3718175	2.05E-06	30YrCance	2.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1557	ALL		483825	3718175	2.35E-06	30YrCance	2.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1558	ALL		483875	3718175	2.64E-06	30YrCance	2.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1559	ALL		483925	3718175	3.30E-06	30YrCance	3.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1560	ALL		483975	3718175	4.34E-06	30YrCance	4.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1561	ALL		484025	3718175	5.49E-06	30YrCance	5.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1562	ALL		484075	3718175	1.13E-05	30YrCance	1.13E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1563	ALL		484525	3718175	3.51E-06	30YrCance	3.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1564	ALL		484575	3718175	3.58E-06	30YrCance	3.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1565	ALL		484625	3718175	3.11E-06	30YrCance	3.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1566	ALL		484675	3718175	2.42E-06	30YrCance	2.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1567	ALL		484725	3718175	1.95E-06	30YrCance	1.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1568	ALL		484775	3718175	1.71E-06	30YrCance	1.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1569	ALL		484825	3718175	1.51E-06	30YrCance	1.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1570	ALL		484875	3718175	1.40E-06	30YrCance	1.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1571	ALL		484925	3718175	1.30E-06	30YrCance	1.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1572	ALL		484975	3718175	1.19E-06	30YrCance	1.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1573	ALL		485025	3718175	1.09E-06	30YrCance	1.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1574	ALL		485075	3718175	9.97E-07	30YrCance	9.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1575	ALL		485125	3718175	8.99E-07	30YrCance	8.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:55:22 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitCumCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
1576	ALL		485175	3718175	8.21E-07	30YrCance	8.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1577	ALL		485225	3718175	7.40E-07	30YrCance	7.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1578	ALL		485275	3718175	7.00E-07	30YrCance	7.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1579	ALL		485325	3718175	6.66E-07	30YrCance	6.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1580	ALL		485375	3718175	6.31E-07	30YrCance	6.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1581	ALL		485425	3718175	5.95E-07	30YrCance	5.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1582	ALL		485475	3718175	5.59E-07	30YrCance	5.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1583	ALL		482925	3718225	1.20E-06	30YrCance	1.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1584	ALL		482975	3718225	1.27E-06	30YrCance	1.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1585	ALL		483025	3718225	1.29E-06	30YrCance	1.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1586	ALL		483075	3718225	1.19E-06	30YrCance	1.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1587	ALL		483125	3718225	1.01E-06	30YrCance	1.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1588	ALL		483175	3718225	9.14E-07	30YrCance	9.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1589	ALL		483225	3718225	8.06E-07	30YrCance	8.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1590	ALL		483275	3718225	7.73E-07	30YrCance	7.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1591	ALL		483325	3718225	8.62E-07	30YrCance	8.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1592	ALL		483375	3718225	9.43E-07	30YrCance	9.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1593	ALL		483425	3718225	1.02E-06	30YrCance	1.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1594	ALL		483475	3718225	1.11E-06	30YrCance	1.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1595	ALL		483525	3718225	1.20E-06	30YrCance	1.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1596	ALL		483575	3718225	1.31E-06	30YrCance	1.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1597	ALL		483625	3718225	1.41E-06	30YrCance	1.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1598	ALL		483675	3718225	1.56E-06	30YrCance	1.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1599	ALL		483725	3718225	1.74E-06	30YrCance	1.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1600	ALL		483775	3718225	1.93E-06	30YrCance	1.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1601	ALL		483825	3718225	2.14E-06	30YrCance	2.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1602	ALL		483875	3718225	2.61E-06	30YrCance	2.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1603	ALL		483925	3718225	3.24E-06	30YrCance	3.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1604	ALL		483975	3718225	3.65E-06	30YrCance	3.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1605	ALL		484025	3718225	4.53E-06	30YrCance	4.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1606	ALL		484075	3718225	9.39E-06	30YrCance	9.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1607	ALL		484125	3718225	4.94E-06	30YrCance	4.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1608	ALL		484175	3718225	4.50E-06	30YrCance	4.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1609	ALL		484225	3718225	4.28E-06	30YrCance	4.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1610	ALL		484275	3718225	3.99E-06	30YrCance	3.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1611	ALL		484325	3718225	5.03E-06	30YrCance	5.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1612	ALL		484375	3718225	4.64E-06	30YrCance	4.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1613	ALL		484425	3718225	3.77E-06	30YrCance	3.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1614	ALL		484475	3718225	3.46E-06	30YrCance	3.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1615	ALL		484525	3718225	2.70E-06	30YrCance	2.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1616	ALL		484575	3718225	2.76E-06	30YrCance	2.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1617	ALL		484625	3718225	2.83E-06	30YrCance	2.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1618	ALL		484675	3718225	2.54E-06	30YrCance	2.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1619	ALL		484725	3718225	2.07E-06	30YrCance	2.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1620	ALL		484775	3718225	1.60E-06	30YrCance	1.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:55:22 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitCumCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
1621	ALL		484825	3718225	1.44E-06	30YrCance	1.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1622	ALL		484875	3718225	1.31E-06	30YrCance	1.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1623	ALL		484925	3718225	1.17E-06	30YrCance	1.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1624	ALL		484975	3718225	1.09E-06	30YrCance	1.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1625	ALL		485025	3718225	1.03E-06	30YrCance	1.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1626	ALL		485075	3718225	9.58E-07	30YrCance	9.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1627	ALL		485125	3718225	8.85E-07	30YrCance	8.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1628	ALL		485175	3718225	8.17E-07	30YrCance	8.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1629	ALL		485225	3718225	7.52E-07	30YrCance	7.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1630	ALL		485275	3718225	6.89E-07	30YrCance	6.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1631	ALL		485325	3718225	6.31E-07	30YrCance	6.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1632	ALL		485375	3718225	5.78E-07	30YrCance	5.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1633	ALL		485425	3718225	5.55E-07	30YrCance	5.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1634	ALL		485475	3718225	5.36E-07	30YrCance	5.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1635	ALL		482925	3718275	1.20E-06	30YrCance	1.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1636	ALL		482975	3718275	1.22E-06	30YrCance	1.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1637	ALL		483025	3718275	1.30E-06	30YrCance	1.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1638	ALL		483075	3718275	1.38E-06	30YrCance	1.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1639	ALL		483125	3718275	1.39E-06	30YrCance	1.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1640	ALL		483175	3718275	1.31E-06	30YrCance	1.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1641	ALL		483225	3718275	1.18E-06	30YrCance	1.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1642	ALL		483275	3718275	1.06E-06	30YrCance	1.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1643	ALL		483325	3718275	8.28E-07	30YrCance	8.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1644	ALL		483375	3718275	9.13E-07	30YrCance	9.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1645	ALL		483425	3718275	9.75E-07	30YrCance	9.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1646	ALL		483475	3718275	1.06E-06	30YrCance	1.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1647	ALL		483525	3718275	1.15E-06	30YrCance	1.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1648	ALL		483575	3718275	1.23E-06	30YrCance	1.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1649	ALL		483625	3718275	1.35E-06	30YrCance	1.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1650	ALL		483675	3718275	1.49E-06	30YrCance	1.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1651	ALL		483725	3718275	1.64E-06	30YrCance	1.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1652	ALL		483775	3718275	1.80E-06	30YrCance	1.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1653	ALL		483825	3718275	2.13E-06	30YrCance	2.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1654	ALL		483875	3718275	2.57E-06	30YrCance	2.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1655	ALL		483925	3718275	2.82E-06	30YrCance	2.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1656	ALL		483975	3718275	3.20E-06	30YrCance	3.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1657	ALL		484025	3718275	3.96E-06	30YrCance	3.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1658	ALL		484075	3718275	8.05E-06	30YrCance	8.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1659	ALL		484125	3718275	4.56E-06	30YrCance	4.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1660	ALL		484175	3718275	3.86E-06	30YrCance	3.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1661	ALL		484225	3718275	3.62E-06	30YrCance	3.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1662	ALL		484275	3718275	3.32E-06	30YrCance	3.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1663	ALL		484325	3718275	4.05E-06	30YrCance	4.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1664	ALL		484375	3718275	4.00E-06	30YrCance	4.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1665	ALL		484425	3718275	3.17E-06	30YrCance	3.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:55:22 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitCumCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
1666	ALL		484475	3718275	3.03E-06	30YrCance	3.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1667	ALL		484525	3718275	2.60E-06	30YrCance	2.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1668	ALL		484575	3718275	2.13E-06	30YrCance	2.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1669	ALL		484625	3718275	2.24E-06	30YrCance	2.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1670	ALL		484675	3718275	2.30E-06	30YrCance	2.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1671	ALL		484725	3718275	2.12E-06	30YrCance	2.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1672	ALL		484775	3718275	1.78E-06	30YrCance	1.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1673	ALL		484825	3718275	1.41E-06	30YrCance	1.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1674	ALL		484875	3718275	1.23E-06	30YrCance	1.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1675	ALL		484925	3718275	1.13E-06	30YrCance	1.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1676	ALL		484975	3718275	1.03E-06	30YrCance	1.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1677	ALL		485025	3718275	9.45E-07	30YrCance	9.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1678	ALL		485075	3718275	8.77E-07	30YrCance	8.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1679	ALL		485125	3718275	8.33E-07	30YrCance	8.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1680	ALL		485175	3718275	7.85E-07	30YrCance	7.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1681	ALL		485225	3718275	7.37E-07	30YrCance	7.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1682	ALL		485275	3718275	6.88E-07	30YrCance	6.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1683	ALL		485325	3718275	6.41E-07	30YrCance	6.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1684	ALL		485375	3718275	5.94E-07	30YrCance	5.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1685	ALL		485425	3718275	5.49E-07	30YrCance	5.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1686	ALL		485475	3718275	5.07E-07	30YrCance	5.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1687	ALL		482925	3718325	1.11E-06	30YrCance	1.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1688	ALL		482975	3718325	1.13E-06	30YrCance	1.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1689	ALL		483025	3718325	1.19E-06	30YrCance	1.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1690	ALL		483075	3718325	1.26E-06	30YrCance	1.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1691	ALL		483125	3718325	1.40E-06	30YrCance	1.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1692	ALL		483175	3718325	1.51E-06	30YrCance	1.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1693	ALL		483225	3718325	1.46E-06	30YrCance	1.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1694	ALL		483275	3718325	1.15E-06	30YrCance	1.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1695	ALL		483325	3718325	1.09E-06	30YrCance	1.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1696	ALL		483375	3718325	8.62E-07	30YrCance	8.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1697	ALL		483425	3718325	1.05E-06	30YrCance	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1698	ALL		483475	3718325	1.00E-06	30YrCance	1.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1699	ALL		483525	3718325	1.10E-06	30YrCance	1.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1700	ALL		483575	3718325	1.19E-06	30YrCance	1.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1701	ALL		483625	3718325	1.40E-06	30YrCance	1.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1702	ALL		483675	3718325	1.40E-06	30YrCance	1.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1703	ALL		483725	3718325	1.55E-06	30YrCance	1.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1704	ALL		483775	3718325	1.79E-06	30YrCance	1.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1705	ALL		483825	3718325	2.10E-06	30YrCance	2.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1706	ALL		483875	3718325	2.27E-06	30YrCance	2.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1707	ALL		483925	3718325	2.49E-06	30YrCance	2.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1708	ALL		483975	3718325	2.85E-06	30YrCance	2.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1709	ALL		484025	3718325	3.38E-06	30YrCance	3.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1710	ALL		484075	3718325	6.97E-06	30YrCance	6.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:55:22 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitCumCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
1711	ALL		484125	3718325	4.19E-06	30YrCance	4.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1712	ALL		484175	3718325	3.35E-06	30YrCance	3.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1713	ALL		484225	3718325	3.13E-06	30YrCance	3.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1714	ALL		484275	3718325	2.82E-06	30YrCance	2.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1715	ALL		484325	3718325	3.32E-06	30YrCance	3.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1716	ALL		484375	3718325	3.46E-06	30YrCance	3.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1717	ALL		484425	3718325	2.82E-06	30YrCance	2.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1718	ALL		484475	3718325	2.57E-06	30YrCance	2.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1719	ALL		484525	3718325	2.42E-06	30YrCance	2.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1720	ALL		484575	3718325	1.98E-06	30YrCance	1.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1721	ALL		484625	3718325	1.76E-06	30YrCance	1.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1722	ALL		484675	3718325	1.85E-06	30YrCance	1.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1723	ALL		484725	3718325	1.91E-06	30YrCance	1.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1724	ALL		484775	3718325	1.79E-06	30YrCance	1.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1725	ALL		484825	3718325	1.55E-06	30YrCance	1.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1726	ALL		484875	3718325	1.27E-06	30YrCance	1.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1727	ALL		484925	3718325	1.08E-06	30YrCance	1.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1728	ALL		484975	3718325	1.01E-06	30YrCance	1.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1729	ALL		485025	3718325	9.27E-07	30YrCance	9.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1730	ALL		485075	3718325	8.59E-07	30YrCance	8.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1731	ALL		485125	3718325	7.93E-07	30YrCance	7.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1732	ALL		485175	3718325	7.30E-07	30YrCance	7.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1733	ALL		485225	3718325	6.89E-07	30YrCance	6.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1734	ALL		485275	3718325	6.57E-07	30YrCance	6.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1735	ALL		485325	3718325	6.22E-07	30YrCance	6.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1736	ALL		485375	3718325	5.86E-07	30YrCance	5.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1737	ALL		485425	3718325	5.53E-07	30YrCance	5.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1738	ALL		485475	3718325	5.15E-07	30YrCance	5.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1739	ALL		482925	3718375	1.11E-06	30YrCance	1.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1740	ALL		482975	3718375	1.12E-06	30YrCance	1.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1741	ALL		483025	3718375	1.20E-06	30YrCance	1.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1742	ALL		483075	3718375	1.24E-06	30YrCance	1.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1743	ALL		483125	3718375	1.29E-06	30YrCance	1.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1744	ALL		483175	3718375	1.44E-06	30YrCance	1.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1745	ALL		483225	3718375	1.51E-06	30YrCance	1.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1746	ALL		483275	3718375	1.42E-06	30YrCance	1.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1747	ALL		483325	3718375	1.19E-06	30YrCance	1.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1748	ALL		483375	3718375	1.10E-06	30YrCance	1.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1749	ALL		483425	3718375	1.06E-06	30YrCance	1.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1750	ALL		483475	3718375	9.77E-07	30YrCance	9.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1751	ALL		483525	3718375	1.35E-06	30YrCance	1.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1752	ALL		483575	3718375	1.44E-06	30YrCance	1.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1753	ALL		483625	3718375	1.56E-06	30YrCance	1.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1754	ALL		483675	3718375	1.34E-06	30YrCance	1.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1755	ALL		483725	3718375	1.54E-06	30YrCance	1.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:55:22 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitCumCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
1756	ALL		483775	3718375	1.77E-06	30YrCance	1.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1757	ALL		483825	3718375	1.89E-06	30YrCance	1.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1758	ALL		483875	3718375	2.01E-06	30YrCance	2.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1759	ALL		483925	3718375	2.27E-06	30YrCance	2.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1760	ALL		483975	3718375	2.57E-06	30YrCance	2.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1761	ALL		484025	3718375	2.90E-06	30YrCance	2.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1762	ALL		484075	3718375	6.65E-06	30YrCance	6.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1763	ALL		484125	3718375	4.02E-06	30YrCance	4.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1764	ALL		484175	3718375	2.94E-06	30YrCance	2.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1765	ALL		484225	3718375	2.75E-06	30YrCance	2.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1766	ALL		484275	3718375	2.45E-06	30YrCance	2.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1767	ALL		484325	3718375	2.78E-06	30YrCance	2.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1768	ALL		484375	3718375	2.99E-06	30YrCance	2.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1769	ALL		484425	3718375	2.60E-06	30YrCance	2.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1770	ALL		484475	3718375	2.21E-06	30YrCance	2.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1771	ALL		484525	3718375	2.16E-06	30YrCance	2.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1772	ALL		484575	3718375	1.93E-06	30YrCance	1.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1773	ALL		484625	3718375	1.58E-06	30YrCance	1.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1774	ALL		484675	3718375	1.47E-06	30YrCance	1.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1775	ALL		484725	3718375	1.57E-06	30YrCance	1.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1776	ALL		484775	3718375	1.63E-06	30YrCance	1.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1777	ALL		484825	3718375	1.55E-06	30YrCance	1.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1778	ALL		484875	3718375	1.37E-06	30YrCance	1.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1779	ALL		484925	3718375	1.15E-06	30YrCance	1.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1780	ALL		484975	3718375	9.77E-07	30YrCance	9.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1781	ALL		485025	3718375	9.12E-07	30YrCance	9.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1782	ALL		485075	3718375	8.44E-07	30YrCance	8.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1783	ALL		485125	3718375	7.70E-07	30YrCance	7.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1784	ALL		485175	3718375	7.16E-07	30YrCance	7.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1785	ALL		485225	3718375	6.68E-07	30YrCance	6.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1786	ALL		485275	3718375	6.26E-07	30YrCance	6.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1787	ALL		485325	3718375	5.90E-07	30YrCance	5.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1788	ALL		485375	3718375	5.69E-07	30YrCance	5.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1789	ALL		485425	3718375	5.41E-07	30YrCance	5.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1790	ALL		485475	3718375	5.10E-07	30YrCance	5.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1791	ALL		482925	3718425	1.14E-06	30YrCance	1.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1792	ALL		482975	3718425	1.11E-06	30YrCance	1.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1793	ALL		483025	3718425	1.16E-06	30YrCance	1.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1794	ALL		483075	3718425	1.25E-06	30YrCance	1.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1795	ALL		483125	3718425	1.23E-06	30YrCance	1.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1796	ALL		483175	3718425	1.35E-06	30YrCance	1.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1797	ALL		483225	3718425	1.51E-06	30YrCance	1.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1798	ALL		483275	3718425	1.53E-06	30YrCance	1.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1799	ALL		483325	3718425	1.40E-06	30YrCance	1.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1800	ALL		483375	3718425	1.30E-06	30YrCance	1.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:55:22 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitCumCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
1801	ALL		483425	3718425	1.32E-06	30YrCance	1.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1802	ALL		483475	3718425	1.12E-06	30YrCance	1.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1803	ALL		483525	3718425	1.72E-06	30YrCance	1.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1804	ALL		483575	3718425	1.76E-06	30YrCance	1.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1805	ALL		483625	3718425	1.68E-06	30YrCance	1.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1806	ALL		483675	3718425	1.42E-06	30YrCance	1.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1807	ALL		483725	3718425	1.52E-06	30YrCance	1.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1808	ALL		483775	3718425	1.61E-06	30YrCance	1.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1809	ALL		483825	3718425	1.66E-06	30YrCance	1.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1810	ALL		483875	3718425	1.89E-06	30YrCance	1.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1811	ALL		483925	3718425	2.09E-06	30YrCance	2.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1812	ALL		483975	3718425	2.21E-06	30YrCance	2.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1813	ALL		484025	3718425	2.66E-06	30YrCance	2.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1814	ALL		484075	3718425	6.40E-06	30YrCance	6.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1815	ALL		484125	3718425	3.91E-06	30YrCance	3.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1816	ALL		484175	3718425	2.67E-06	30YrCance	2.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1817	ALL		484225	3718425	2.45E-06	30YrCance	2.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1818	ALL		484275	3718425	2.17E-06	30YrCance	2.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1819	ALL		484325	3718425	2.37E-06	30YrCance	2.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1820	ALL		484375	3718425	2.60E-06	30YrCance	2.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1821	ALL		484425	3718425	2.39E-06	30YrCance	2.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1822	ALL		484475	3718425	1.95E-06	30YrCance	1.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1823	ALL		484525	3718425	1.90E-06	30YrCance	1.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1824	ALL		484575	3718425	1.80E-06	30YrCance	1.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1825	ALL		484625	3718425	1.54E-06	30YrCance	1.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1826	ALL		484675	3718425	1.36E-06	30YrCance	1.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1827	ALL		484725	3718425	1.26E-06	30YrCance	1.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1828	ALL		484775	3718425	1.35E-06	30YrCance	1.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1829	ALL		484825	3718425	1.40E-06	30YrCance	1.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1830	ALL		484875	3718425	1.35E-06	30YrCance	1.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1831	ALL		484925	3718425	1.22E-06	30YrCance	1.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1832	ALL		484975	3718425	1.05E-06	30YrCance	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1833	ALL		485025	3718425	8.94E-07	30YrCance	8.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1834	ALL		485075	3718425	8.25E-07	30YrCance	8.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1835	ALL		485125	3718425	7.57E-07	30YrCance	7.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1836	ALL		485175	3718425	6.96E-07	30YrCance	6.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1837	ALL		485225	3718425	6.49E-07	30YrCance	6.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1838	ALL		485275	3718425	6.12E-07	30YrCance	6.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1839	ALL		485325	3718425	5.79E-07	30YrCance	5.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1840	ALL		485375	3718425	5.52E-07	30YrCance	5.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1841	ALL		485425	3718425	5.38E-07	30YrCance	5.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1842	ALL		485475	3718425	5.13E-07	30YrCance	5.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1843	ALL		482925	3718475	1.17E-06	30YrCance	1.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1844	ALL		482975	3718475	1.14E-06	30YrCance	1.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1845	ALL		483025	3718475	1.12E-06	30YrCance	1.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

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REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
1846	ALL		483075	3718475	1.20E-06	30YrCance	1.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1847	ALL		483125	3718475	1.27E-06	30YrCance	1.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1848	ALL		483175	3718475	1.30E-06	30YrCance	1.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1849	ALL		483225	3718475	1.45E-06	30YrCance	1.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1850	ALL		483275	3718475	1.57E-06	30YrCance	1.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1851	ALL		483325	3718475	1.56E-06	30YrCance	1.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1852	ALL		483375	3718475	1.59E-06	30YrCance	1.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1853	ALL		483425	3718475	1.59E-06	30YrCance	1.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1854	ALL		483475	3718475	1.44E-06	30YrCance	1.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1855	ALL		483525	3718475	1.90E-06	30YrCance	1.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1856	ALL		483575	3718475	2.17E-06	30YrCance	2.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1857	ALL		483625	3718475	1.80E-06	30YrCance	1.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1858	ALL		483675	3718475	1.44E-06	30YrCance	1.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1859	ALL		483725	3718475	1.40E-06	30YrCance	1.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1860	ALL		483775	3718475	1.42E-06	30YrCance	1.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1861	ALL		483825	3718475	1.62E-06	30YrCance	1.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1862	ALL		483875	3718475	1.73E-06	30YrCance	1.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1863	ALL		483925	3718475	1.87E-06	30YrCance	1.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1864	ALL		483975	3718475	2.01E-06	30YrCance	2.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1865	ALL		484025	3718475	2.46E-06	30YrCance	2.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1866	ALL		484075	3718475	5.46E-06	30YrCance	5.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1867	ALL		484125	3718475	3.84E-06	30YrCance	3.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1868	ALL		484175	3718475	2.49E-06	30YrCance	2.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1869	ALL		484225	3718475	2.22E-06	30YrCance	2.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1870	ALL		484275	3718475	1.97E-06	30YrCance	1.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1871	ALL		484325	3718475	2.04E-06	30YrCance	2.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1872	ALL		484375	3718475	2.27E-06	30YrCance	2.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1873	ALL		484425	3718475	2.17E-06	30YrCance	2.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1874	ALL		484475	3718475	1.78E-06	30YrCance	1.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1875	ALL		484525	3718475	1.67E-06	30YrCance	1.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1876	ALL		484575	3718475	1.63E-06	30YrCance	1.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1877	ALL		484625	3718475	1.50E-06	30YrCance	1.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1878	ALL		484675	3718475	1.26E-06	30YrCance	1.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1879	ALL		484725	3718475	1.18E-06	30YrCance	1.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1880	ALL		484775	3718475	1.11E-06	30YrCance	1.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1881	ALL		484825	3718475	1.18E-06	30YrCance	1.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1882	ALL		484875	3718475	1.22E-06	30YrCance	1.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1883	ALL		484925	3718475	1.19E-06	30YrCance	1.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1884	ALL		484975	3718475	1.09E-06	30YrCance	1.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1885	ALL		485025	3718475	9.46E-07	30YrCance	9.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1886	ALL		485075	3718475	7.95E-07	30YrCance	7.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1887	ALL		485125	3718475	7.25E-07	30YrCance	7.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1888	ALL		485175	3718475	6.70E-07	30YrCance	6.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1889	ALL		485225	3718475	6.32E-07	30YrCance	6.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1890	ALL		485275	3718475	5.96E-07	30YrCance	5.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:55:22 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitCumCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
1891	ALL		485325	3718475	5.70E-07	30YrCance	5.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1892	ALL		485375	3718475	5.46E-07	30YrCance	5.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1893	ALL		485425	3718475	5.16E-07	30YrCance	5.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1894	ALL		485475	3718475	4.86E-07	30YrCance	4.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1895	ALL		482925	3718525	1.14E-06	30YrCance	1.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1896	ALL		482975	3718525	1.19E-06	30YrCance	1.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1897	ALL		483025	3718525	1.18E-06	30YrCance	1.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1898	ALL		483075	3718525	1.18E-06	30YrCance	1.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1899	ALL		483125	3718525	1.23E-06	30YrCance	1.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1900	ALL		483175	3718525	1.28E-06	30YrCance	1.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1901	ALL		483225	3718525	1.34E-06	30YrCance	1.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1902	ALL		483275	3718525	1.46E-06	30YrCance	1.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1903	ALL		483325	3718525	1.58E-06	30YrCance	1.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1904	ALL		483375	3718525	1.68E-06	30YrCance	1.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1905	ALL		483425	3718525	1.73E-06	30YrCance	1.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1906	ALL		483475	3718525	1.61E-06	30YrCance	1.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1907	ALL		483525	3718525	1.67E-06	30YrCance	1.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1908	ALL		483575	3718525	2.08E-06	30YrCance	2.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1909	ALL		483625	3718525	1.96E-06	30YrCance	1.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1910	ALL		483675	3718525	1.50E-06	30YrCance	1.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1911	ALL		483725	3718525	1.23E-06	30YrCance	1.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1912	ALL		483775	3718525	1.40E-06	30YrCance	1.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1913	ALL		483825	3718525	1.49E-06	30YrCance	1.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1914	ALL		483875	3718525	1.62E-06	30YrCance	1.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1915	ALL		483925	3718525	1.68E-06	30YrCance	1.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1916	ALL		483975	3718525	1.88E-06	30YrCance	1.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1917	ALL		484025	3718525	2.29E-06	30YrCance	2.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1918	ALL		484075	3718525	4.73E-06	30YrCance	4.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1919	ALL		484125	3718525	3.85E-06	30YrCance	3.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1920	ALL		484175	3718525	2.35E-06	30YrCance	2.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1921	ALL		484225	3718525	2.03E-06	30YrCance	2.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1922	ALL		484275	3718525	1.81E-06	30YrCance	1.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1923	ALL		484325	3718525	1.79E-06	30YrCance	1.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1924	ALL		484375	3718525	2.00E-06	30YrCance	2.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1925	ALL		484425	3718525	1.97E-06	30YrCance	1.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1926	ALL		484475	3718525	1.68E-06	30YrCance	1.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1927	ALL		484525	3718525	1.48E-06	30YrCance	1.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1928	ALL		484575	3718525	1.47E-06	30YrCance	1.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1929	ALL		484625	3718525	1.41E-06	30YrCance	1.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1930	ALL		484675	3718525	1.24E-06	30YrCance	1.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1931	ALL		484725	3718525	1.11E-06	30YrCance	1.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1932	ALL		484775	3718525	1.04E-06	30YrCance	1.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1933	ALL		484825	3718525	9.87E-07	30YrCance	9.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1934	ALL		484875	3718525	1.03E-06	30YrCance	1.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1935	ALL		484925	3718525	1.08E-06	30YrCance	1.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:55:22 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitCumCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
1936	ALL		484975	3718525	1.05E-06	30YrCance	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1937	ALL		485025	3718525	9.65E-07	30YrCance	9.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1938	ALL		485075	3718525	8.51E-07	30YrCance	8.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1939	ALL		485125	3718525	7.24E-07	30YrCance	7.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1940	ALL		485175	3718525	6.47E-07	30YrCance	6.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1941	ALL		485225	3718525	6.13E-07	30YrCance	6.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1942	ALL		485275	3718525	5.82E-07	30YrCance	5.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1943	ALL		485325	3718525	5.56E-07	30YrCance	5.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1944	ALL		485375	3718525	5.30E-07	30YrCance	5.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1945	ALL		485425	3718525	5.04E-07	30YrCance	5.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1946	ALL		485475	3718525	4.75E-07	30YrCance	4.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1947	ALL		482925	3718575	1.12E-06	30YrCance	1.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1948	ALL		482975	3718575	1.18E-06	30YrCance	1.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1949	ALL		483025	3718575	1.24E-06	30YrCance	1.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1950	ALL		483075	3718575	1.22E-06	30YrCance	1.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1951	ALL		483125	3718575	1.23E-06	30YrCance	1.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1952	ALL		483175	3718575	1.26E-06	30YrCance	1.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1953	ALL		483225	3718575	1.33E-06	30YrCance	1.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1954	ALL		483275	3718575	1.36E-06	30YrCance	1.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1955	ALL		483325	3718575	1.44E-06	30YrCance	1.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1956	ALL		483375	3718575	1.56E-06	30YrCance	1.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1957	ALL		483425	3718575	1.75E-06	30YrCance	1.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1958	ALL		483475	3718575	1.73E-06	30YrCance	1.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1959	ALL		483525	3718575	1.77E-06	30YrCance	1.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1960	ALL		483575	3718575	1.88E-06	30YrCance	1.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1961	ALL		483625	3718575	1.84E-06	30YrCance	1.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1962	ALL		483675	3718575	1.77E-06	30YrCance	1.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1963	ALL		483725	3718575	1.25E-06	30YrCance	1.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1964	ALL		483775	3718575	1.35E-06	30YrCance	1.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1965	ALL		483825	3718575	1.43E-06	30YrCance	1.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1966	ALL		483875	3718575	1.45E-06	30YrCance	1.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1967	ALL		483925	3718575	1.56E-06	30YrCance	1.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1968	ALL		483975	3718575	1.75E-06	30YrCance	1.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1969	ALL		484025	3718575	2.14E-06	30YrCance	2.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1970	ALL		484075	3718575	4.17E-06	30YrCance	4.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1971	ALL		484125	3718575	3.97E-06	30YrCance	3.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1972	ALL		484175	3718575	2.24E-06	30YrCance	2.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1973	ALL		484225	3718575	1.88E-06	30YrCance	1.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1974	ALL		484275	3718575	1.68E-06	30YrCance	1.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1975	ALL		484325	3718575	1.59E-06	30YrCance	1.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1976	ALL		484375	3718575	1.78E-06	30YrCance	1.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1977	ALL		484425	3718575	1.79E-06	30YrCance	1.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1978	ALL		484475	3718575	1.59E-06	30YrCance	1.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1979	ALL		484525	3718575	1.34E-06	30YrCance	1.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1980	ALL		484575	3718575	1.32E-06	30YrCance	1.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:55:22 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitCumCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
1981	ALL		484625	3718575	1.29E-06	30YrCance	1.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1982	ALL		484675	3718575	1.20E-06	30YrCance	1.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1983	ALL		484725	3718575	1.03E-06	30YrCance	1.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1984	ALL		484775	3718575	9.80E-07	30YrCance	9.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1985	ALL		484825	3718575	9.24E-07	30YrCance	9.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1986	ALL		484875	3718575	8.91E-07	30YrCance	8.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1987	ALL		484925	3718575	9.20E-07	30YrCance	9.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1988	ALL		484975	3718575	9.57E-07	30YrCance	9.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1989	ALL		485025	3718575	9.36E-07	30YrCance	9.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1990	ALL		485075	3718575	8.71E-07	30YrCance	8.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1991	ALL		485125	3718575	7.78E-07	30YrCance	7.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1992	ALL		485175	3718575	6.74E-07	30YrCance	6.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1993	ALL		485225	3718575	5.97E-07	30YrCance	5.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1994	ALL		485275	3718575	5.64E-07	30YrCance	5.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1995	ALL		485325	3718575	5.39E-07	30YrCance	5.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1996	ALL		485375	3718575	5.17E-07	30YrCance	5.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1997	ALL		485425	3718575	4.93E-07	30YrCance	4.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1998	ALL		485475	3718575	4.66E-07	30YrCance	4.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1999	ALL		482925	3718625	1.05E-06	30YrCance	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2000	ALL		482975	3718625	1.12E-06	30YrCance	1.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2001	ALL		483025	3718625	1.19E-06	30YrCance	1.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2002	ALL		483075	3718625	1.22E-06	30YrCance	1.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2003	ALL		483125	3718625	1.20E-06	30YrCance	1.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2004	ALL		483175	3718625	1.22E-06	30YrCance	1.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2005	ALL		483225	3718625	1.30E-06	30YrCance	1.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2006	ALL		483275	3718625	1.37E-06	30YrCance	1.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2007	ALL		483325	3718625	1.45E-06	30YrCance	1.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2008	ALL		483375	3718625	1.48E-06	30YrCance	1.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2009	ALL		483425	3718625	1.65E-06	30YrCance	1.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2010	ALL		483475	3718625	1.80E-06	30YrCance	1.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2011	ALL		483525	3718625	1.90E-06	30YrCance	1.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2012	ALL		483575	3718625	1.93E-06	30YrCance	1.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2013	ALL		483625	3718625	1.74E-06	30YrCance	1.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2014	ALL		483675	3718625	1.51E-06	30YrCance	1.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2015	ALL		483725	3718625	1.51E-06	30YrCance	1.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2016	ALL		483775	3718625	1.39E-06	30YrCance	1.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2017	ALL		483825	3718625	1.31E-06	30YrCance	1.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2018	ALL		483875	3718625	1.36E-06	30YrCance	1.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2019	ALL		483925	3718625	1.47E-06	30YrCance	1.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2020	ALL		483975	3718625	1.65E-06	30YrCance	1.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2021	ALL		484025	3718625	2.00E-06	30YrCance	2.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2022	ALL		484075	3718625	3.74E-06	30YrCance	3.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2023	ALL		484125	3718625	4.18E-06	30YrCance	4.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2024	ALL		484175	3718625	2.14E-06	30YrCance	2.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2025	ALL		484225	3718625	1.76E-06	30YrCance	1.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:55:22 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitCumCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
2026	ALL		484275	3718625	1.58E-06	30YrCance	1.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2027	ALL		484325	3718625	1.46E-06	30YrCance	1.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2028	ALL		484375	3718625	1.59E-06	30YrCance	1.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2029	ALL		484425	3718625	1.63E-06	30YrCance	1.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2030	ALL		484475	3718625	1.50E-06	30YrCance	1.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2031	ALL		484525	3718625	1.24E-06	30YrCance	1.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2032	ALL		484575	3718625	1.18E-06	30YrCance	1.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2033	ALL		484625	3718625	1.18E-06	30YrCance	1.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2034	ALL		484675	3718625	1.13E-06	30YrCance	1.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2035	ALL		484725	3718625	1.02E-06	30YrCance	1.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2036	ALL		484775	3718625	9.24E-07	30YrCance	9.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2037	ALL		484825	3718625	8.82E-07	30YrCance	8.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2038	ALL		484875	3718625	8.42E-07	30YrCance	8.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2039	ALL		484925	3718625	7.98E-07	30YrCance	7.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2040	ALL		484975	3718625	8.21E-07	30YrCance	8.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2041	ALL		485025	3718625	8.51E-07	30YrCance	8.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2042	ALL		485075	3718625	8.44E-07	30YrCance	8.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2043	ALL		485125	3718625	7.92E-07	30YrCance	7.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2044	ALL		485175	3718625	7.12E-07	30YrCance	7.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2045	ALL		485225	3718625	6.22E-07	30YrCance	6.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2046	ALL		485275	3718625	5.51E-07	30YrCance	5.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2047	ALL		485325	3718625	5.25E-07	30YrCance	5.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2048	ALL		485375	3718625	5.01E-07	30YrCance	5.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2049	ALL		485425	3718625	4.82E-07	30YrCance	4.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2050	ALL		485475	3718625	4.61E-07	30YrCance	4.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2051	ALL		482925	3718675	9.93E-07	30YrCance	9.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2052	ALL		482975	3718675	1.08E-06	30YrCance	1.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2053	ALL		483025	3718675	1.17E-06	30YrCance	1.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2054	ALL		483075	3718675	1.23E-06	30YrCance	1.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2055	ALL		483125	3718675	1.20E-06	30YrCance	1.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2056	ALL		483175	3718675	1.20E-06	30YrCance	1.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2057	ALL		483225	3718675	1.27E-06	30YrCance	1.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2058	ALL		483275	3718675	1.34E-06	30YrCance	1.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2059	ALL		483325	3718675	1.44E-06	30YrCance	1.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2060	ALL		483375	3718675	1.47E-06	30YrCance	1.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2061	ALL		483425	3718675	1.53E-06	30YrCance	1.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2062	ALL		483475	3718675	1.63E-06	30YrCance	1.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2063	ALL		483525	3718675	1.79E-06	30YrCance	1.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2064	ALL		483575	3718675	1.93E-06	30YrCance	1.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2065	ALL		483625	3718675	1.83E-06	30YrCance	1.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2066	ALL		483675	3718675	1.72E-06	30YrCance	1.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2067	ALL		483725	3718675	1.58E-06	30YrCance	1.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2068	ALL		483775	3718675	1.25E-06	30YrCance	1.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2069	ALL		483825	3718675	1.21E-06	30YrCance	1.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2070	ALL		483875	3718675	1.28E-06	30YrCance	1.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:55:22 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitCumCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
2071	ALL		483925	3718675	1.39E-06	30YrCance	1.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2072	ALL		483975	3718675	1.55E-06	30YrCance	1.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2073	ALL		484025	3718675	1.88E-06	30YrCance	1.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2074	ALL		484075	3718675	3.38E-06	30YrCance	3.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2075	ALL		484125	3718675	4.46E-06	30YrCance	4.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2076	ALL		484175	3718675	2.06E-06	30YrCance	2.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2077	ALL		484225	3718675	1.65E-06	30YrCance	1.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2078	ALL		484275	3718675	1.48E-06	30YrCance	1.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2079	ALL		484325	3718675	1.36E-06	30YrCance	1.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2080	ALL		484375	3718675	1.43E-06	30YrCance	1.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2081	ALL		484425	3718675	1.49E-06	30YrCance	1.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2082	ALL		484475	3718675	1.40E-06	30YrCance	1.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2083	ALL		484525	3718675	1.20E-06	30YrCance	1.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2084	ALL		484575	3718675	1.07E-06	30YrCance	1.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2085	ALL		484625	3718675	1.08E-06	30YrCance	1.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2086	ALL		484675	3718675	1.05E-06	30YrCance	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2087	ALL		484725	3718675	9.90E-07	30YrCance	9.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2088	ALL		484775	3718675	8.72E-07	30YrCance	8.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2089	ALL		484825	3718675	8.30E-07	30YrCance	8.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2090	ALL		484875	3718675	7.92E-07	30YrCance	7.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2091	ALL		484925	3718675	7.46E-07	30YrCance	7.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2092	ALL		484975	3718675	7.21E-07	30YrCance	7.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2093	ALL		485025	3718675	7.40E-07	30YrCance	7.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2094	ALL		485075	3718675	7.72E-07	30YrCance	7.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2095	ALL		485125	3718675	7.63E-07	30YrCance	7.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2096	ALL		485175	3718675	7.17E-07	30YrCance	7.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2097	ALL		485225	3718675	6.56E-07	30YrCance	6.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2098	ALL		485275	3718675	5.81E-07	30YrCance	5.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2099	ALL		485325	3718675	5.13E-07	30YrCance	5.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2100	ALL		485375	3718675	4.90E-07	30YrCance	4.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2101	ALL		485425	3718675	4.69E-07	30YrCance	4.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2102	ALL		485475	3718675	4.51E-07	30YrCance	4.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2103	ALL		482925	3718725	1.04E-06	30YrCance	1.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2104	ALL		482975	3718725	1.09E-06	30YrCance	1.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2105	ALL		483025	3718725	1.13E-06	30YrCance	1.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2106	ALL		483075	3718725	1.21E-06	30YrCance	1.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2107	ALL		483125	3718725	1.23E-06	30YrCance	1.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2108	ALL		483175	3718725	1.24E-06	30YrCance	1.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2109	ALL		483225	3718725	1.23E-06	30YrCance	1.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2110	ALL		483275	3718725	1.31E-06	30YrCance	1.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2111	ALL		483325	3718725	1.40E-06	30YrCance	1.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2112	ALL		483375	3718725	1.49E-06	30YrCance	1.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2113	ALL		483425	3718725	1.54E-06	30YrCance	1.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2114	ALL		483475	3718725	1.56E-06	30YrCance	1.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2115	ALL		483525	3718725	1.69E-06	30YrCance	1.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:55:22 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitCumCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
2116	ALL		483575	3718725	1.87E-06	30YrCance	1.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2117	ALL		483625	3718725	1.97E-06	30YrCance	1.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2118	ALL		483675	3718725	1.85E-06	30YrCance	1.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2119	ALL		483725	3718725	1.63E-06	30YrCance	1.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2120	ALL		483775	3718725	1.48E-06	30YrCance	1.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2121	ALL		483825	3718725	1.46E-06	30YrCance	1.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2122	ALL		483875	3718725	1.22E-06	30YrCance	1.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2123	ALL		483925	3718725	1.43E-06	30YrCance	1.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2124	ALL		483975	3718725	1.57E-06	30YrCance	1.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2125	ALL		484025	3718725	1.78E-06	30YrCance	1.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2126	ALL		484075	3718725	3.08E-06	30YrCance	3.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2127	ALL		484125	3718725	4.80E-06	30YrCance	4.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2128	ALL		484175	3718725	2.00E-06	30YrCance	2.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2129	ALL		484225	3718725	1.56E-06	30YrCance	1.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2130	ALL		484275	3718725	1.40E-06	30YrCance	1.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2131	ALL		484325	3718725	1.29E-06	30YrCance	1.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2132	ALL		484375	3718725	1.30E-06	30YrCance	1.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2133	ALL		484425	3718725	1.36E-06	30YrCance	1.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2134	ALL		484475	3718725	1.31E-06	30YrCance	1.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2135	ALL		484525	3718725	1.15E-06	30YrCance	1.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2136	ALL		484575	3718725	9.93E-07	30YrCance	9.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2137	ALL		484625	3718725	9.83E-07	30YrCance	9.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2138	ALL		484675	3718725	9.76E-07	30YrCance	9.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2139	ALL		484725	3718725	9.37E-07	30YrCance	9.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2140	ALL		484775	3718725	8.59E-07	30YrCance	8.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2141	ALL		484825	3718725	7.85E-07	30YrCance	7.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2142	ALL		484875	3718725	7.47E-07	30YrCance	7.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2143	ALL		484925	3718725	7.09E-07	30YrCance	7.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2144	ALL		484975	3718725	6.81E-07	30YrCance	6.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2145	ALL		485025	3718725	6.65E-07	30YrCance	6.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2146	ALL		485075	3718725	6.73E-07	30YrCance	6.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2147	ALL		485125	3718725	6.99E-07	30YrCance	6.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2148	ALL		485175	3718725	6.93E-07	30YrCance	6.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2149	ALL		485225	3718725	6.58E-07	30YrCance	6.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2150	ALL		485275	3718725	6.08E-07	30YrCance	6.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2151	ALL		485325	3718725	5.44E-07	30YrCance	5.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2152	ALL		485375	3718725	4.76E-07	30YrCance	4.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2153	ALL		485425	3718725	4.54E-07	30YrCance	4.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2154	ALL		485475	3718725	4.29E-07	30YrCance	4.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2155	ALL		482925	3718775	1.06E-06	30YrCance	1.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2156	ALL		482975	3718775	1.08E-06	30YrCance	1.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2157	ALL		483025	3718775	1.10E-06	30YrCance	1.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2158	ALL		483075	3718775	1.18E-06	30YrCance	1.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2159	ALL		483125	3718775	1.21E-06	30YrCance	1.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2160	ALL		483175	3718775	1.21E-06	30YrCance	1.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:55:22 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitCumCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
2161	ALL		483225	3718775	1.21E-06	30YrCance	1.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2162	ALL		483275	3718775	1.27E-06	30YrCance	1.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2163	ALL		483325	3718775	1.38E-06	30YrCance	1.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2164	ALL		483375	3718775	1.48E-06	30YrCance	1.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2165	ALL		483425	3718775	1.53E-06	30YrCance	1.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2166	ALL		483475	3718775	1.53E-06	30YrCance	1.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2167	ALL		483525	3718775	1.60E-06	30YrCance	1.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2168	ALL		483575	3718775	1.67E-06	30YrCance	1.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2169	ALL		483625	3718775	1.76E-06	30YrCance	1.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2170	ALL		483675	3718775	1.98E-06	30YrCance	1.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2171	ALL		483725	3718775	1.88E-06	30YrCance	1.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2172	ALL		483775	3718775	1.65E-06	30YrCance	1.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2173	ALL		483825	3718775	1.51E-06	30YrCance	1.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2174	ALL		483875	3718775	1.27E-06	30YrCance	1.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2175	ALL		483925	3718775	1.34E-06	30YrCance	1.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2176	ALL		483975	3718775	1.58E-06	30YrCance	1.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2177	ALL		484025	3718775	1.80E-06	30YrCance	1.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2178	ALL		484075	3718775	2.86E-06	30YrCance	2.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2179	ALL		484125	3718775	5.33E-06	30YrCance	5.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2180	ALL		484175	3718775	1.95E-06	30YrCance	1.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2181	ALL		484225	3718775	1.50E-06	30YrCance	1.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2182	ALL		484275	3718775	1.33E-06	30YrCance	1.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2183	ALL		484325	3718775	1.22E-06	30YrCance	1.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2184	ALL		484375	3718775	1.19E-06	30YrCance	1.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2185	ALL		484425	3718775	1.25E-06	30YrCance	1.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2186	ALL		484475	3718775	1.22E-06	30YrCance	1.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2187	ALL		484525	3718775	1.10E-06	30YrCance	1.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2188	ALL		484575	3718775	9.38E-07	30YrCance	9.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2189	ALL		484625	3718775	8.91E-07	30YrCance	8.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2190	ALL		484675	3718775	9.02E-07	30YrCance	9.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2191	ALL		484725	3718775	8.72E-07	30YrCance	8.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2192	ALL		484775	3718775	8.30E-07	30YrCance	8.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2193	ALL		484825	3718775	7.45E-07	30YrCance	7.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2194	ALL		484875	3718775	7.07E-07	30YrCance	7.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2195	ALL		484925	3718775	6.75E-07	30YrCance	6.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2196	ALL		484975	3718775	6.48E-07	30YrCance	6.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2197	ALL		485025	3718775	6.24E-07	30YrCance	6.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2198	ALL		485075	3718775	6.08E-07	30YrCance	6.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2199	ALL		485125	3718775	6.14E-07	30YrCance	6.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2200	ALL		485175	3718775	6.33E-07	30YrCance	6.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2201	ALL		485225	3718775	6.28E-07	30YrCance	6.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2202	ALL		485275	3718775	6.08E-07	30YrCance	6.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2203	ALL		485325	3718775	5.65E-07	30YrCance	5.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2204	ALL		485375	3718775	5.08E-07	30YrCance	5.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2205	ALL		485425	3718775	4.46E-07	30YrCance	4.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:55:22 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitCumCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
2206	ALL		485475	3718775	4.20E-07	30YrCance	4.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2207	ALL		482925	3718825	1.05E-06	30YrCance	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2208	ALL		482975	3718825	1.09E-06	30YrCance	1.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2209	ALL		483025	3718825	1.14E-06	30YrCance	1.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2210	ALL		483075	3718825	1.17E-06	30YrCance	1.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2211	ALL		483125	3718825	1.20E-06	30YrCance	1.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2212	ALL		483175	3718825	1.17E-06	30YrCance	1.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2213	ALL		483225	3718825	1.19E-06	30YrCance	1.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2214	ALL		483275	3718825	1.25E-06	30YrCance	1.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2215	ALL		483325	3718825	1.34E-06	30YrCance	1.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2216	ALL		483375	3718825	1.43E-06	30YrCance	1.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2217	ALL		483425	3718825	1.49E-06	30YrCance	1.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2218	ALL		483475	3718825	1.52E-06	30YrCance	1.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2219	ALL		483525	3718825	1.59E-06	30YrCance	1.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2220	ALL		483575	3718825	1.69E-06	30YrCance	1.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2221	ALL		483625	3718825	1.70E-06	30YrCance	1.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2222	ALL		483675	3718825	1.76E-06	30YrCance	1.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2223	ALL		483725	3718825	1.97E-06	30YrCance	1.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2224	ALL		483775	3718825	1.78E-06	30YrCance	1.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2225	ALL		483825	3718825	1.46E-06	30YrCance	1.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2226	ALL		483875	3718825	1.62E-06	30YrCance	1.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2227	ALL		483925	3718825	1.72E-06	30YrCance	1.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2228	ALL		483975	3718825	1.67E-06	30YrCance	1.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2229	ALL		484025	3718825	1.72E-06	30YrCance	1.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2230	ALL		484075	3718825	2.65E-06	30YrCance	2.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2231	ALL		484125	3718825	5.91E-06	30YrCance	5.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2232	ALL		484175	3718825	1.91E-06	30YrCance	1.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2233	ALL		484225	3718825	1.44E-06	30YrCance	1.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2234	ALL		484275	3718825	1.27E-06	30YrCance	1.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2235	ALL		484325	3718825	1.15E-06	30YrCance	1.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2236	ALL		484375	3718825	1.09E-06	30YrCance	1.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2237	ALL		484425	3718825	1.15E-06	30YrCance	1.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2238	ALL		484475	3718825	1.14E-06	30YrCance	1.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2239	ALL		484525	3718825	1.05E-06	30YrCance	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2240	ALL		484575	3718825	8.98E-07	30YrCance	8.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2241	ALL		484625	3718825	8.40E-07	30YrCance	8.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2242	ALL		484675	3718825	8.28E-07	30YrCance	8.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2243	ALL		484725	3718825	8.20E-07	30YrCance	8.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2244	ALL		484775	3718825	7.88E-07	30YrCance	7.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2245	ALL		484825	3718825	7.31E-07	30YrCance	7.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2246	ALL		484875	3718825	6.72E-07	30YrCance	6.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2247	ALL		484925	3718825	6.46E-07	30YrCance	6.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2248	ALL		484975	3718825	6.15E-07	30YrCance	6.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2249	ALL		485025	3718825	5.87E-07	30YrCance	5.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2250	ALL		485075	3718825	5.62E-07	30YrCance	5.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:55:22 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitCumCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
2251	ALL		485125	3718825	5.52E-07	30YrCance	5.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2252	ALL		485175	3718825	5.52E-07	30YrCance	5.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2253	ALL		485225	3718825	5.72E-07	30YrCance	5.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2254	ALL		485275	3718825	5.79E-07	30YrCance	5.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2255	ALL		485325	3718825	5.62E-07	30YrCance	5.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2256	ALL		485375	3718825	5.28E-07	30YrCance	5.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2257	ALL		485425	3718825	4.78E-07	30YrCance	4.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2258	ALL		485475	3718825	4.21E-07	30YrCance	4.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2259	ALL		482925	3718875	1.04E-06	30YrCance	1.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2260	ALL		482975	3718875	1.09E-06	30YrCance	1.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2261	ALL		483025	3718875	1.11E-06	30YrCance	1.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2262	ALL		483075	3718875	1.15E-06	30YrCance	1.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2263	ALL		483125	3718875	1.19E-06	30YrCance	1.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2264	ALL		483175	3718875	1.19E-06	30YrCance	1.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2265	ALL		483225	3718875	1.19E-06	30YrCance	1.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2266	ALL		483275	3718875	1.21E-06	30YrCance	1.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2267	ALL		483325	3718875	1.29E-06	30YrCance	1.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2268	ALL		483375	3718875	1.35E-06	30YrCance	1.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2269	ALL		483425	3718875	1.44E-06	30YrCance	1.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2270	ALL		483475	3718875	1.52E-06	30YrCance	1.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2271	ALL		483525	3718875	1.57E-06	30YrCance	1.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2272	ALL		483575	3718875	1.66E-06	30YrCance	1.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2273	ALL		483625	3718875	1.67E-06	30YrCance	1.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2274	ALL		483675	3718875	1.66E-06	30YrCance	1.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2275	ALL		483725	3718875	1.88E-06	30YrCance	1.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2276	ALL		483775	3718875	1.70E-06	30YrCance	1.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2277	ALL		483825	3718875	1.60E-06	30YrCance	1.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2278	ALL		483875	3718875	1.70E-06	30YrCance	1.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2279	ALL		483925	3718875	1.89E-06	30YrCance	1.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2280	ALL		483975	3718875	1.73E-06	30YrCance	1.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2281	ALL		484025	3718875	1.73E-06	30YrCance	1.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2282	ALL		484075	3718875	2.49E-06	30YrCance	2.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2283	ALL		484125	3718875	6.73E-06	30YrCance	6.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2284	ALL		484175	3718875	1.88E-06	30YrCance	1.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2285	ALL		484225	3718875	1.39E-06	30YrCance	1.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2286	ALL		484275	3718875	1.22E-06	30YrCance	1.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2287	ALL		484325	3718875	1.10E-06	30YrCance	1.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2288	ALL		484375	3718875	1.02E-06	30YrCance	1.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2289	ALL		484425	3718875	1.06E-06	30YrCance	1.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2290	ALL		484475	3718875	1.06E-06	30YrCance	1.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2291	ALL		484525	3718875	9.97E-07	30YrCance	9.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2292	ALL		484575	3718875	8.71E-07	30YrCance	8.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2293	ALL		484625	3718875	7.93E-07	30YrCance	7.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2294	ALL		484675	3718875	7.58E-07	30YrCance	7.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2295	ALL		484725	3718875	7.64E-07	30YrCance	7.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:55:22 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitCumCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
2296	ALL		484775	3718875	7.39E-07	30YrCance	7.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2297	ALL		484825	3718875	7.07E-07	30YrCance	7.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2298	ALL		484875	3718875	6.43E-07	30YrCance	6.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2299	ALL		484925	3718875	6.17E-07	30YrCance	6.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2300	ALL		484975	3718875	5.92E-07	30YrCance	5.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2301	ALL		485025	3718875	5.63E-07	30YrCance	5.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2302	ALL		485075	3718875	5.39E-07	30YrCance	5.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2303	ALL		485125	3718875	5.17E-07	30YrCance	5.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2304	ALL		485175	3718875	5.06E-07	30YrCance	5.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2305	ALL		485225	3718875	5.09E-07	30YrCance	5.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2306	ALL		485275	3718875	5.29E-07	30YrCance	5.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2307	ALL		485325	3718875	5.33E-07	30YrCance	5.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2308	ALL		485375	3718875	5.18E-07	30YrCance	5.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2309	ALL		485425	3718875	4.87E-07	30YrCance	4.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2310	ALL		485475	3718875	4.44E-07	30YrCance	4.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2311	ALL		482925	3718925	1.03E-06	30YrCance	1.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2312	ALL		482975	3718925	1.06E-06	30YrCance	1.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2313	ALL		483025	3718925	1.09E-06	30YrCance	1.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2314	ALL		483075	3718925	1.13E-06	30YrCance	1.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2315	ALL		483125	3718925	1.18E-06	30YrCance	1.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2316	ALL		483175	3718925	1.18E-06	30YrCance	1.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2317	ALL		483225	3718925	1.19E-06	30YrCance	1.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2318	ALL		483275	3718925	1.20E-06	30YrCance	1.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2319	ALL		483325	3718925	1.23E-06	30YrCance	1.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2320	ALL		483375	3718925	1.30E-06	30YrCance	1.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2321	ALL		483425	3718925	1.39E-06	30YrCance	1.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2322	ALL		483475	3718925	1.41E-06	30YrCance	1.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2323	ALL		483525	3718925	1.46E-06	30YrCance	1.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2324	ALL		483575	3718925	1.56E-06	30YrCance	1.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2325	ALL		483625	3718925	1.60E-06	30YrCance	1.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2326	ALL		483675	3718925	1.60E-06	30YrCance	1.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2327	ALL		483725	3718925	1.78E-06	30YrCance	1.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2328	ALL		483775	3718925	1.84E-06	30YrCance	1.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2329	ALL		483825	3718925	1.79E-06	30YrCance	1.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2330	ALL		483875	3718925	1.73E-06	30YrCance	1.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2331	ALL		483925	3718925	1.80E-06	30YrCance	1.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2332	ALL		483975	3718925	1.81E-06	30YrCance	1.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2333	ALL		484025	3718925	1.75E-06	30YrCance	1.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2334	ALL		484075	3718925	2.33E-06	30YrCance	2.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2335	ALL		484125	3718925	7.41E-06	30YrCance	7.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2336	ALL		484175	3718925	1.86E-06	30YrCance	1.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2337	ALL		484225	3718925	1.36E-06	30YrCance	1.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2338	ALL		484275	3718925	1.18E-06	30YrCance	1.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2339	ALL		484325	3718925	1.06E-06	30YrCance	1.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2340	ALL		484375	3718925	9.79E-07	30YrCance	9.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:55:22 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitCumCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
2341	ALL		484425	3718925	9.81E-07	30YrCance	9.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2342	ALL		484475	3718925	9.93E-07	30YrCance	9.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2343	ALL		484525	3718925	9.45E-07	30YrCance	9.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2344	ALL		484575	3718925	8.42E-07	30YrCance	8.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2345	ALL		484625	3718925	7.54E-07	30YrCance	7.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2346	ALL		484675	3718925	7.21E-07	30YrCance	7.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2347	ALL		484725	3718925	7.09E-07	30YrCance	7.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2348	ALL		484775	3718925	7.00E-07	30YrCance	7.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2349	ALL		484825	3718925	6.72E-07	30YrCance	6.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2350	ALL		484875	3718925	6.31E-07	30YrCance	6.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2351	ALL		484925	3718925	5.90E-07	30YrCance	5.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2352	ALL		484975	3718925	5.68E-07	30YrCance	5.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2353	ALL		485025	3718925	5.38E-07	30YrCance	5.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2354	ALL		485075	3718925	5.17E-07	30YrCance	5.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2355	ALL		485125	3718925	5.04E-07	30YrCance	5.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2356	ALL		485175	3718925	4.97E-07	30YrCance	4.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2357	ALL		485225	3718925	4.81E-07	30YrCance	4.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2358	ALL		485275	3718925	4.69E-07	30YrCance	4.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2359	ALL		485325	3718925	4.87E-07	30YrCance	4.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2360	ALL		485375	3718925	4.90E-07	30YrCance	4.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2361	ALL		485425	3718925	4.78E-07	30YrCance	4.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2362	ALL		485475	3718925	4.52E-07	30YrCance	4.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2363	ALL		482925	3718975	1.01E-06	30YrCance	1.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2364	ALL		482975	3718975	1.04E-06	30YrCance	1.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2365	ALL		483025	3718975	1.06E-06	30YrCance	1.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2366	ALL		483075	3718975	1.10E-06	30YrCance	1.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2367	ALL		483125	3718975	1.14E-06	30YrCance	1.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2368	ALL		483175	3718975	1.18E-06	30YrCance	1.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2369	ALL		483225	3718975	1.20E-06	30YrCance	1.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2370	ALL		483275	3718975	1.19E-06	30YrCance	1.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2371	ALL		483325	3718975	1.22E-06	30YrCance	1.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2372	ALL		483375	3718975	1.25E-06	30YrCance	1.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2373	ALL		483425	3718975	1.31E-06	30YrCance	1.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2374	ALL		483475	3718975	1.35E-06	30YrCance	1.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2375	ALL		483525	3718975	1.39E-06	30YrCance	1.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2376	ALL		483575	3718975	1.46E-06	30YrCance	1.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2377	ALL		483625	3718975	1.54E-06	30YrCance	1.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2378	ALL		483675	3718975	1.54E-06	30YrCance	1.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2379	ALL		483725	3718975	1.57E-06	30YrCance	1.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2380	ALL		483775	3718975	1.68E-06	30YrCance	1.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2381	ALL		483825	3718975	1.80E-06	30YrCance	1.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2382	ALL		483875	3718975	1.81E-06	30YrCance	1.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2383	ALL		483925	3718975	1.63E-06	30YrCance	1.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2384	ALL		483975	3718975	1.49E-06	30YrCance	1.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2385	ALL		484025	3718975	1.63E-06	30YrCance	1.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:55:22 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitCumCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
2386	ALL		484075	3718975	2.33E-06	30YrCance	2.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2387	ALL		484125	3718975	7.29E-06	30YrCance	7.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2388	ALL		484175	3718975	1.84E-06	30YrCance	1.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2389	ALL		484225	3718975	1.32E-06	30YrCance	1.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2390	ALL		484275	3718975	1.13E-06	30YrCance	1.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2391	ALL		484325	3718975	1.02E-06	30YrCance	1.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2392	ALL		484375	3718975	9.37E-07	30YrCance	9.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2393	ALL		484425	3718975	9.13E-07	30YrCance	9.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2394	ALL		484475	3718975	9.28E-07	30YrCance	9.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2395	ALL		484525	3718975	8.94E-07	30YrCance	8.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2396	ALL		484575	3718975	8.09E-07	30YrCance	8.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2397	ALL		484625	3718975	7.15E-07	30YrCance	7.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2398	ALL		484675	3718975	6.85E-07	30YrCance	6.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2399	ALL		484725	3718975	6.59E-07	30YrCance	6.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2400	ALL		484775	3718975	6.58E-07	30YrCance	6.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2401	ALL		484825	3718975	6.36E-07	30YrCance	6.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2402	ALL		484875	3718975	6.10E-07	30YrCance	6.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2403	ALL		484925	3718975	5.60E-07	30YrCance	5.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2404	ALL		484975	3718975	5.40E-07	30YrCance	5.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2405	ALL		485025	3718975	5.22E-07	30YrCance	5.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2406	ALL		485075	3718975	5.05E-07	30YrCance	5.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2407	ALL		485125	3718975	4.92E-07	30YrCance	4.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2408	ALL		485175	3718975	4.67E-07	30YrCance	4.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2409	ALL		485225	3718975	4.52E-07	30YrCance	4.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2410	ALL		485275	3718975	4.41E-07	30YrCance	4.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2411	ALL		485325	3718975	4.32E-07	30YrCance	4.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2412	ALL		485375	3718975	4.48E-07	30YrCance	4.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2413	ALL		485425	3718975	4.53E-07	30YrCance	4.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2414	ALL		485475	3718975	4.45E-07	30YrCance	4.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2415	ALL		482925	3719025	9.66E-07	30YrCance	9.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2416	ALL		482975	3719025	1.00E-06	30YrCance	1.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2417	ALL		483025	3719025	1.01E-06	30YrCance	1.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2418	ALL		483075	3719025	1.05E-06	30YrCance	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2419	ALL		483125	3719025	1.09E-06	30YrCance	1.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2420	ALL		483175	3719025	1.14E-06	30YrCance	1.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2421	ALL		483225	3719025	1.17E-06	30YrCance	1.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2422	ALL		483275	3719025	1.18E-06	30YrCance	1.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2423	ALL		483325	3719025	1.21E-06	30YrCance	1.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2424	ALL		483375	3719025	1.23E-06	30YrCance	1.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2425	ALL		483425	3719025	1.27E-06	30YrCance	1.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2426	ALL		483475	3719025	1.31E-06	30YrCance	1.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2427	ALL		483525	3719025	1.34E-06	30YrCance	1.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2428	ALL		483575	3719025	1.38E-06	30YrCance	1.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2429	ALL		483625	3719025	1.47E-06	30YrCance	1.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2430	ALL		483675	3719025	1.51E-06	30YrCance	1.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 3/19/2020 1:55:22 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11092 Costco Murrieta\HRA\Revised 2020.02\HARP2\OPUNMIT\hra\OpUnmitCumCancerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
2431	ALL		483725	3719025	1.53E-06	30YrCance	1.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2432	ALL		483775	3719025	1.53E-06	30YrCance	1.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2433	ALL		483825	3719025	1.57E-06	30YrCance	1.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2434	ALL		483875	3719025	1.73E-06	30YrCance	1.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2435	ALL		483925	3719025	1.70E-06	30YrCance	1.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2436	ALL		483975	3719025	1.54E-06	30YrCance	1.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2437	ALL		484025	3719025	1.56E-06	30YrCance	1.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2438	ALL		484075	3719025	2.12E-06	30YrCance	2.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2439	ALL		484125	3719025	7.14E-06	30YrCance	7.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2440	ALL		484175	3719025	1.85E-06	30YrCance	1.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2441	ALL		484225	3719025	1.29E-06	30YrCance	1.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2442	ALL		484275	3719025	1.09E-06	30YrCance	1.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2443	ALL		484325	3719025	9.70E-07	30YrCance	9.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2444	ALL		484375	3719025	8.90E-07	30YrCance	8.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2445	ALL		484425	3719025	8.51E-07	30YrCance	8.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2446	ALL		484475	3719025	8.67E-07	30YrCance	8.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2447	ALL		484525	3719025	8.44E-07	30YrCance	8.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2448	ALL		484575	3719025	7.77E-07	30YrCance	7.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2449	ALL		484625	3719025	6.81E-07	30YrCance	6.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2450	ALL		484675	3719025	6.52E-07	30YrCance	6.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2451	ALL		484725	3719025	6.30E-07	30YrCance	6.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2452	ALL		484775	3719025	6.14E-07	30YrCance	6.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2453	ALL		484825	3719025	6.06E-07	30YrCance	6.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2454	ALL		484875	3719025	5.81E-07	30YrCance	5.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2455	ALL		484925	3719025	5.47E-07	30YrCance	5.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2456	ALL		484975	3719025	5.20E-07	30YrCance	5.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2457	ALL		485025	3719025	5.05E-07	30YrCance	5.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2458	ALL		485075	3719025	4.92E-07	30YrCance	4.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2459	ALL		485125	3719025	4.72E-07	30YrCance	4.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2460	ALL		485175	3719025	4.48E-07	30YrCance	4.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2461	ALL		485225	3719025	4.30E-07	30YrCance	4.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2462	ALL		485275	3719025	4.16E-07	30YrCance	4.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2463	ALL		485325	3719025	4.06E-07	30YrCance	4.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2464	ALL		485375	3719025	3.98E-07	30YrCance	3.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2465	ALL		485425	3719025	4.14E-07	30YrCance	4.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2466	ALL		485475	3719025	4.21E-07	30YrCance	4.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

APPENDIX E

Health Effects

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DRAFT
MEMORANDUM

To:	Memorandum to File
From:	Jennifer Reed, Samantha Wang; Dudek
Subject:	Health Effects from Criteria Air Pollutants Associated with the Costco/Vineyard II Retail Development Project
Date:	January 15, 2020

1 Purpose and Introduction

In response to the California Supreme Court's *Sierra Club v. County of Fresno* (2018) 6 Cal. 5th 502 decision (referred to herein as the Friant Ranch decision), this memorandum addresses the potential for adverse health effects related to emissions of criteria air pollutants associated with construction and operation of the proposed Costco/Vineyard II Retail Development Project (proposed project), based on scientific information and technological methods available at the time of this memorandum's preparation. The published Friant Ranch decision (issued on December 24, 2018) addresses the need to correlate mass emission values for criteria air pollutants to specific health consequences, and contains the following direction from the California Supreme Court: "The Environmental Impact Report (EIR) must provide an adequate analysis to inform the public how its bare numbers translate to create potential adverse impacts or it must explain what the agency *does* know and why, given existing scientific constraints, it cannot translate potential health impacts further." (Italics original.) (Sierra Club v. County of Fresno 2018.)

As discussed below, at the time of this memorandum's preparation, no expert agency, including the South Coast Air Quality Management District (SCAQMD), the California Air Resources Board (CARB), or the U.S. Environmental Protection Agency (EPA), have approved a quantitative method to reliably, meaningfully, and consistently translate the mass emission estimates for the criteria air pollutants resulting from the proposed project to specific health effects. No California air district or other expert agency/entity has published *quantitative* guidance on how to address the Friant Ranch decision.[1] However, in April 2019, the Sacramento Metropolitan Air Quality Management District (SMAQMD) published an Interim Recommendation on implementing the Friant Ranch decision in the review and analysis of proposed projects under the California Environmental Quality Act (CEQA) in Sacramento County. The SMAQMD Interim Recommendation, which does not endorse use of any quantitative methodology, is summarized in Section 4, below.

[1] The following air districts, state agencies and entities were contacted by Dudek in January 2019, which could not provide guidance on how to proceed in response to the Friant Ranch decision at that time: San Diego Air Pollution Control District (APCD), Mojave Desert AQMD, San Joaquin Valley APCD, Santa Barbara County APCD, San Luis Obispo County APCD, Bay Area AQMD, California Air Resources Board, California Office of Planning and Research, California Air Pollution Control Officers Association, and Office of Environmental Health Hazard Assessment.

Nonetheless, following the Supreme Court's Friant Ranch decision, some EIRs where estimated criteria air pollutant emissions exceeded applicable air district thresholds, have included a quantitative analysis of potential project-generated health effects using a combination of a regional photochemical grid model (PGM) and the EPA Benefits Mapping and Analysis Program (BenMAP or BenMAP–Community Edition (CE)). The publically available health impact assessments (HIA) typically present results in terms of an increase in health incidences and/or the increase in background health incidence for various health outcomes resulting from the project's estimated increase in concentrations of ozone (O_3) and particulate matter with an aerodynamic diameter less than or equal to 2.5 microns ($PM_{2.5}$). To date, all of the HIAs that are publically available have concluded that the evaluated project's health effects associated with the estimated project-generated increase in concentrations of O_3 and $PM_{2.5}$ represent a small increase in incidences and a very small percent of the number of background incidences, indicating that these health impacts are negligible and potentially within the models' margin of error. A review of the publically available HIAs in CEQA documents is provided in Section 4.

2 National and California Ambient Air Quality Standards

As discussed in Section 4.2, Air Quality, of the proposed project's EIR, ambient air quality standards (AAQS) define clean air, and are established to protect even the most sensitive individuals (CARB 2019a). An AAQS defines the maximum amount of a pollutant averaged over a specified period of time that can be present in outdoor air without harm to the public's health. The EPA and California Air Resources Board (CARB) are both authorized to set AAQS.

The Clean Air Act Amendments of 1970 instruct the EPA to set primary National AAQS (NAAQS) to protect public health, and secondary NAAQS to protect plants, forests, crops and materials from damage due to exposure to the following criteria air pollutants: O_3, nitrogen dioxide (NO_2), carbon monoxide (CO), sulfur dioxide (SO_2), particulate matter with an aerodynamic diameter less than or equal to 10 microns (PM_{10}), $PM_{2.5}$, and lead.

The federal Clean Air Act requires that the EPA reassess, at least every five years, whether adopted standards are adequate to protect public health based on current scientific evidence. The EPA is required to rely on the advice of an independent scientific panel, the Clean Air Scientific Advisory Committee. Reviewing the NAAQS is a lengthy undertaking and includes the following major phases: planning, integrated science assessment, risk/exposure assessment, policy assessment, and rulemaking (EPA 2018a). During the integrated science assessment, a comprehensive review, synthesis, and evaluation of the most policy-relevant science is conducted, including key science judgments that are important to inform the development of the risk and exposure assessments (EPA 2018a). Then, the risk/exposure assessment draws upon information and conclusions presented in the integrated science assessment to develop quantitative characterizations of exposures and associated risks to human health or the environment associated with recent air quality conditions and with air quality estimated to just meet the current or alternative standard(s) under consideration (EPA 2018a). Scientific review during policy assessment development, and the NAAQS review process in general, is thorough and extensive.

In 1959, California enacted legislation requiring the state Department of Public Health to establish AAQS and necessary controls for motor vehicle emissions (CARB 2019b). California's AAQS (CAAQS) were adopted in 1971 (CARB 2019b). The CAAQS are established for O_3, NO_2, CO, SO_2, PM_{10}, and $PM_{2.5}$, as well as hydrogen sulfide, vinyl chloride, sulfates, and visibility reducing particles.

Air quality standard setting in California commences with a critical review of all relevant peer reviewed scientific literature. The Office of Environmental Health Hazard Assessment (OEHHA) uses the review of health literature to

develop a recommendation for the standard. The recommendation can be for no change, or can recommend a new standard. The review, including the OEHHA recommendation, is summarized in a document called the draft Initial Statement of Reasons (ISOR), which is released for comment by the public, and also for public peer review by the Air Quality Advisory Committee (AQAC). AQAC members are appointed by the President of the University of California for their expertise in the range of subjects covered in the ISOR, including health, exposure, air quality monitoring, atmospheric chemistry and physics, and effects on plants, trees, materials, and ecosystems. The Committee provides written comments on the draft ISOR. CARB staff next revises the ISOR based on comments from AQAC and the public. The revised ISOR is then released for a 45-day public comment period prior to consideration by the Board of CARB at a regularly scheduled Board hearing (CARB 2017a).

Federal law requires that all states attain the NAAQS. Failure of a state to reach attainment of the NAAQS by the target date can trigger penalties, including withholding of federal highway funds (CARB 2019b). California law similarly continues to mandate CAAQS, although attainment of the NAAQS has precedence over attainment of the CAAQS (CARB 2019b).

Of importance to this memorandum, California air districts have based their thresholds of significance for CEQA purposes on the levels that scientific and factual data demonstrate that the air basin can accommodate without affecting the attainment date for the NAAQS or CAAQS. Since an AAQS is based on maximum pollutant levels in outdoor air that would not harm the public's health, and air district thresholds pertain to attainment of the AAQS, this means that the thresholds established by air districts are also protective of human health. The particular thresholds of relevance to the proposed project are illustrated in Table 4.2-4, South Coast Air Quality Management District Air Quality Significance Thresholds, of the EIR. Because O_3 is not emitted directly, air districts have established emissions-based thresholds for O_3 precursors—volatile organic compounds (VOCs) and oxides of nitrogen (NO_x)—which are intended to serve as a surrogate for an "O_3 significance threshold" (i.e., the potential for adverse O_3 impacts to occur).

The NAAQS and CAAQS for O_3, NO_2, CO, SO_2, PM_{10}, and $PM_{2.5}$ are presented in Table 1. Hydrogen sulfide, vinyl chloride, sulfates, and visibility reducing particles are not addressed further in this evaluation because they are not routinely associated with land use development projects subject to CEQA review, and are thus not presented in Table 1.[2]

Table 1
Ambient Air Quality Standards

Pollutant	Averaging Time	California Standards[a]	National Standards[b]	
		Concentration[c]	Primary[c,d]	Secondary[c,e]
O_3	1 hour	0.09 ppm (180 µg/m³)	—	Same as Primary Standard[f]
	8 hours	0.070 ppm (137 µg/m³)	0.070 ppm (137 µg/m³)[f]	
NO_2[g]	1 hour	0.18 ppm (339 µg/m³)	0.100 ppm (188 µg/m³)	Same as Primary Standard
	Annual Arithmetic Mean	0.030 ppm (57 µg/m³)	0.053 ppm (100 µg/m³)	

[2] Ambient Air Quality Standards table is provided as Table 1 in the Air Quality and GHG Emissions Analysis Technical Report, and EIR Section 4.2, Air Quality, Table 4.2-1.

Table 1
Ambient Air Quality Standards

Pollutant	Averaging Time	California Standards[a]	National Standards[b]	
		Concentration[c]	Primary[c,d]	Secondary[c,e]
CO	1 hour	20 ppm (23 mg/m^3)	35 ppm (40 mg/m^3)	None
	8 hours	9.0 ppm (10 mg/m^3)	9 ppm (10 mg/m^3)	
SO_2[h]	1 hour	0.25 ppm (655 µg/m^3)	0.075 ppm (196 µg/m^3)	—
	3 hours	—	—	0.5 ppm (1,300 µg/m^3)
	24 hours	0.04 ppm (105 µg/m^3)	0.14 ppm (for certain areas)[g]	—
	Annual	—	0.030 ppm (for certain areas)[g]	—
PM_{10}[i]	24 hours	50 µg/m^3	150 µg/m^3	Same as Primary Standard
	Annual Arithmetic Mean	20 µg/m^3	—	
$PM_{2.5}$[i]	24 hours	—	35 µg/m^3	Same as Primary Standard
	Annual Arithmetic Mean	12 µg/m^3	12.0 µg/m^3	15.0 µg/m^3

Source: CARB 2016.

Notes: µg/m^3 = micrograms per cubic meter; mg/m^3= milligrams per cubic meter; ppm = parts per million by volume; O_3 = ozone; NO_2 = nitrogen dioxide; CO = carbon monoxide; SO_2 = sulfur dioxide; PM_{10} = particulate matter with an aerodynamic diameter less than or equal to 10 microns; $PM_{2.5}$ = particulate matter with an aerodynamic diameter less than or equal to 2.5 microns.

a California standards for O_3, CO, SO_2 (1-hour and 24-hour), NO_2, suspended particulate matter (PM_{10}, $PM_{2.5}$), and visibility-reducing particles are values that are not to be exceeded. All others are not to be equaled or exceeded. CAAQS are listed in the Table of Standards in Section 70200 of Title 17 of the California Code of Regulations.

b National standards (other than O_3, NO_2, SO_2, particulate matter, and those based on annual averages or annual arithmetic mean) are not to be exceeded more than once per year. The O_3 standard is attained when the fourth highest 8-hour concentration measured at each site in a year, averaged over 3 years, is equal to or less than the standard. For PM_{10}, the 24-hour standard is attained when the expected number of days per calendar year with a 24-hour average concentration above 150 µg/m^3 is equal to or less than 1. For $PM_{2.5}$, the 24-hour standard is attained when 98% of the daily concentrations, averaged over 3 years, are equal to or less than the standard.

c Concentration expressed first in units in which it was promulgated. Equivalent units given in parentheses are based on a reference temperature of 25°C and a reference pressure of 760 torr. Most measurements of air quality are to be corrected to a reference temperature of 25°C and a reference pressure of 760 torr; ppm in this table refers to ppm by volume, or micromoles of pollutant per mole of gas.

d National Primary Standards: The levels of air quality necessary, with an adequate margin of safety, to protect the public health.

e National Secondary Standards: The levels of air quality necessary to protect the public welfare from any known or anticipated adverse effects of a pollutant.

f On October 1, 2015, the national 8-hour O_3 primary and secondary standards were lowered from 0.075 to 0.070 ppm.

g To attain the national 1-hour standard, the 3-year average of the annual 98th percentile of the 1-hour daily maximum concentrations at each site must not exceed 100 parts per billion (ppb). Note that the national 1-hour standard is in units of ppb. California standards are in units of ppm. To directly compare the national 1-hour standard to the California standards, the units can be converted from ppb to ppm. In this case, the national standard of 100 ppb is identical to 0.100 ppm.

h On June 2, 2010, a new 1-hour SO_2 standard was established, and the existing 24-hour and annual primary standards were revoked. To attain the national 1-hour standard, the 3-year average of the annual 99th percentile of the 1-hour daily maximum concentrations at each site must not exceed 75 ppb. The 1971 SO_2 national standards (24-hour and annual) remain in effect until 1 year after an area is designated for the 2010 standard, except that in areas designated nonattainment of the 1971 standards, the 1971 standards remain in effect until implementation plans to attain or maintain the 2010 standards are approved.

i CARB adopted new PM standards in June of 2002, responding to requirements of the Children's Environmental Health Protection Act (Senate Bill 25, Escutia 1999), specifically the evaluation of all health-based AAQS to determine if the standards adequately protect human health, particularly that of infants and children. The subsequent review of the PM standards resulted in the recommendation of more health-protective AAQS for PM_{10} and a new standard for $PM_{2.5}$. The new PM standards became effective in 2003. Upon further review, the national annual $PM_{2.5}$ primary standard was lowered

from 15 μg/m^3 to 12.0 μg/m^3 on December 14, 2012. The existing national 24-hour $PM_{2.5}$ standards (primary and secondary) were retained at 35 μg/m^3, as was the annual secondary standard of 15 μg/m^3. The existing 24-hour PM_{10} standards (primary and secondary) of 150 μg/m^3 were also retained. The form of the annual primary and secondary standards is the annual mean averaged over 3 years.

Pursuant to the 1990 Clean Air Act amendments, the EPA classifies air basins (or portions thereof) as "attainment" or "nonattainment" for each criteria air pollutant, based on whether the NAAQS have been achieved. Generally, if the recorded concentrations of a pollutant are lower than the standard, the area is classified as "attainment" for that pollutant. If an area exceeds the standard, the area is classified as "nonattainment" for that pollutant. If there is not enough data available to determine whether the standard is exceeded in an area, the area is designated as "unclassified" or "unclassifiable." The designation of "unclassifiable/attainment" means that the area meets the standard or is expected to be meet the standard despite a lack of monitoring data. Nonattainment areas must develop plans to attain the NAAQS. Areas that achieve the standards after a nonattainment designation are redesignated as maintenance areas and must have approved maintenance plans to ensure continued attainment of the standards. The California Clean Air Act, like its federal counterpart, called for the designation of areas as "attainment" or "nonattainment," but based on CAAQS rather than NAAQS. The attainment designations for O_3, NO_2, CO, SO_2, PM_{10}, and $PM_{2.5}$ for the South Coast Air Basin (SCAB) are listed in Table 2.[3]

Table 2
South Coast Air Basin Attainment Designation

Pollutant	National Designation	California Designation
O_3 (1-hour)	No National Standard	**Nonattainment**
O_3 (8-hour – 1997) (8-hour – 2008)	Attainment (Maintenance) **Nonattainment (Moderate)**	**Nonattainment**
NO_2	Unclassifiable/attainment	Attainment
CO	Attainment/maintenance	Attainment
SO_2	Unclassifiable/attainment	Attainment
PM_{10}	Attainment/maintenance	**Nonattainment**
$PM_{2.5}$	Serious nonattainment	**Nonattainment**

Sources: EPA 2018b (national); CARB 2018a (California).
Notes:
Bold text = not in attainment; Attainment = meets the standards; Attainment (Maintenance) = achieve the standards after a nonattainment designation; Nonattainment = does not meet the standards; Unclassified or Unclassifiable = insufficient data to classify; Unclassifiable/Attainment = meets the standard or is expected to be meet the standard despite a lack of monitoring data.

As shown in Table 2, the SCAB is designated as a nonattainment area for O_3, PM_{10}, and $PM_{2.5}$ under the NAAQS and/or the CAAQS.

As discussed in 4.2.2, Relevant Plans, Policies, and, the SCAQMD is responsible for developing and implementing the clean air plan for attainment and maintenance of the AAQS in the SCAB and portions of the Salton Sea Air Basin and Mojave Desert Air Basin. Accordingly, the SCAQMD has adopted federal and state attainment plans; most recently, the 2016 Air Quality Management Plan (AQMP). The AQMP relies on information from CARB and Southern

[3] The same discussion of the SCAB attainment designation is provided in Section 2.3.1, South Coast Air Basin Attainment Designation, of the Air Quality and GHG Emissions Analysis Technical Report, and Section 4.2.2, Relevant Plans, Policies, and Ordinances, of the EIR.

California Association of Governments, as well as information regarding projected growth in the cities and counties (all of Orange County and the non-desert portions of Los Angeles, Riverside and San Bernardino counties) within the SCAQMD jurisdiction, to forecast future emissions and then determine from that the strategies necessary for the reduction of emissions through regulatory controls. As the SCAQMD develops and implements plans and control measures designed to attain the AAQS, the SCAQMD implements measures to reduce public health effects associated with criteria air pollutants.

3 Health Effects of Criteria Air Pollutants and their Precursors

Numerous scientific studies published over the past 50 years point to the harmful effects of air pollution (CARB 2019b). As explained above, the AAQS are designed to prevent these effects (CARB 2019b). The adverse health effects associated with air pollution are diverse and include (SCAQMD 2017):

- Premature mortality
- Cardiovascular effects
- Increased health care utilization (hospitalization, physician and emergency room visits)
- Increased respiratory illness and other morbidity (symptoms, infections, and asthma exacerbation)
- Decreased lung function (breathing capacity)
- Lung inflammation
- Potential immunological changes
- Increased airway reactivity to a known pharmacological agent exposure - a method used in laboratories to evaluate the tendency of airways to have an increased possibility of developing an asthmatic response
- A decreased tolerance for exercise
- Adverse birth outcomes such as low birth weights

The evidence linking these effects to air pollutants is derived from population-based observational and field studies (epidemiological) as well as controlled laboratory studies involving human subjects and animals. There have been an increasing number of studies focusing on the mechanisms (that is, on learning how specific organs, cell types, and biomarkers are involved in the human body's response to air pollution) and specific pollutants responsible for individual effects. Yet the underlying biological pathways for these effects are not always clearly understood (SCAQMD 2017).

Although individuals inhale pollutants as a mixture under ambient conditions, the regulatory framework and the control measures developed are pollutant-specific for six major outdoor pollutants covered under Sections 108 and 109 of the Clean Air Act. This is appropriate, in that different pollutants usually differ in their sources, their times and places of occurrence, the kinds of health effects they may cause, and their overall levels of health risk. Different pollutants, from the same or different sources, oftentimes occur together. Evidence for more than additive effects has not been strong and, as a practical matter, health scientists, as well as regulatory officials, usually must deal with one pollutant at a time in adopting AAQS (SCAQMD 2017).

Health effects associated with criteria air pollutants are discussed below; the same or similar information is provided in Section 2.1.2, Pollutants and Effects, of the Air Quality and GHG Emissions Analysis Technical Report prepared for the project, and Section 4.2, Air Quality, of the proposed project's EIR.

Ozone (O_3). O_3 in the troposphere causes numerous adverse health effects; short-term exposures (lasting for a few hours) to O_3 at levels typically observed in Southern California can result in breathing pattern changes, reduction of breathing capacity, respiratory symptoms, worsening of lung disease leading to premature death, increased susceptibility to infections, inflammation of and damage to the lung tissue, and some immunological changes (EPA 2013, CARB 2019c). These health problems are particularly acute in sensitive receptors such as the sick, older adults, and young children.

Inhalation of O_3 causes inflammation and irritation of the tissues lining human airways, causing and worsening a variety of symptoms. Exposure to O_3 can reduce the volume of air that the lungs breathe in and cause shortness of breath. O_3 in sufficient doses increases the permeability of lung cells, rendering them more susceptible to toxins and microorganisms. The occurrence and severity of health effects from O_3 exposure vary widely among individuals, even when the dose and the duration of exposure are the same. Research shows adults and children who spend more time outdoors participating in vigorous physical activities are at greater risk from the harmful health effects of O_3 exposure. While there are relatively few studies of O_3's effects on children, the available studies show that children are no more or less likely to suffer harmful effects than adults. However, there are a number of reasons why children may be more susceptible to O_3 and other pollutants. Children and teens spend nearly twice as much time outdoors and engaged in vigorous activities as adults. Children breathe more rapidly than adults and inhale more pollution per pound of their body weight than adults. Also, children are less likely than adults to notice their own symptoms and avoid harmful exposures. Further research may be able to better distinguish between health effects in children and adults. Children, adolescents and adults who exercise or work outdoors, where O_3 concentrations are the highest, are at the greatest risk of harm from this pollutant (CARB 2019c).

A number of population groups are potentially at increased risk for O_3 exposure effects. In the ongoing review of O_3, the EPA has identified populations as having adequate evidence for increased risk from O_3 exposures include individuals with asthma, younger and older age groups, individuals with reduced intake of certain nutrients such as Vitamins C and E, and outdoor workers. There is suggestive evidence for other potential factors, such as variations in genes related to oxidative metabolism or inflammation, gender, socioeconomic status, and obesity. However further evidence is needed (SCAQMD 2017).

The adverse effects reported with short-term O_3 exposure are greater with increased activity because activity increases the breathing rate and the volume of air reaching the lungs, resulting in an increased amount of O_3 reaching the lungs. Children may be a particularly vulnerable population to air pollution effects because they spend more time outdoors, are generally more active, and have a higher specific ventilation relative to their body weight, compared to adults (SCAQMD 2017).

Volatile Organic Compounds (VOCs). The primary health effects of VOCs result from the formation of O_3 and its related health effects. High levels of VOCs in the atmosphere can interfere with oxygen intake by reducing the amount of available oxygen through displacement. Carcinogenic forms of hydrocarbons, such as benzene, are considered TACs. There are no separate health standards for VOCs as a group. Within this evaluation, VOC and reactive organic gases (ROGs) are used interchangeably.

Nitrogen Dioxide (NO_2). A large body of health science literature indicates that exposure to NO_2 can induce adverse health effects. The strongest health evidence, and the health basis for the AAQS for NO_2, is results from controlled human exposure studies that show that NO_2 exposure can intensify responses to allergens in allergic asthmatics. In addition, a number of epidemiological studies have demonstrated associations between NO_2 exposure and

premature death, cardiopulmonary effects, decreased lung function growth in children, respiratory symptoms, emergency room visits for asthma, and intensified allergic responses. Infants and children are particularly at risk because they have disproportionately higher exposure to NO_2 than adults due to their greater breathing rate for their body weight and their typically greater outdoor exposure duration. Several studies have shown that long-term NO_2 exposure during childhood, the period of rapid lung growth, can lead to smaller lungs at maturity in children with higher compared to lower levels of exposure. In addition, children with asthma have a greater degree of airway responsiveness compared with adult asthmatics. In adults, the greatest risk is to people who have chronic respiratory diseases, such as asthma and chronic obstructive pulmonary disease (CARB 2019d).

Carbon Monoxide (CO). Carbon monoxide is harmful because it binds to hemoglobin in the blood, reducing the ability of blood to carry oxygen. This interferes with oxygen delivery to the body's organs. The most common effects of CO exposure are fatigue, headaches, confusion and reduced mental alertness, and light-headedness, dizziness due to inadequate oxygen delivery to the brain. For people with cardiovascular disease, short-term CO exposure can further reduce their body's already compromised ability to respond to the increased oxygen demands of exercise, exertion, or stress. Inadequate oxygen delivery to the heart muscle leads to chest pain and decreased exercise tolerance. Unborn babies whose mothers experience high levels of CO exposure during pregnancy are at risk of adverse developmental effects. Unborn babies, infants, elderly people, and people with anemia or with a history of heart or respiratory disease are most likely to experience health effects with exposure to elevated levels of CO (CARB 2019e).

Sulfur Dioxide (SO_2). SO_2 is an irritant gas that attacks the throat and lungs and can cause acute respiratory symptoms and diminished ventilator function in children. When combined with particulate matter (PM), SO_2 can injure lung tissue and reduce visibility and the level of sunlight. SO_2 can worsen asthma resulting in increased symptoms, increased medication usage, and emergency room visits.

Controlled human exposure and epidemiological studies show that children and adults with asthma are more likely to experience adverse responses with SO_2 exposure, compared with the non-asthmatic population. Effects at levels near the one-hour standard are those of asthma exacerbation, including bronchoconstriction accompanied by symptoms of respiratory irritation such as wheezing, shortness of breath and chest tightness, especially during exercise or physical activity. Also, exposure at elevated levels of SO_2 (above 1 parts per million (ppm)) results in increased incidence of pulmonary symptoms and disease, decreased pulmonary function, and increased risk of mortality. The elderly and people with cardiovascular disease or chronic lung disease (such as bronchitis or emphysema) are most likely to experience these adverse effects (CARB 2019f).

SO_2 is of concern both because it is a direct respiratory irritant and because it contributes to the formation of sulfate and sulfuric acid in PM (NRC 2005). People with asthma are of particular concern, both because they have increased baseline airflow resistance and because their SO_2-induced increase in resistance is greater than in healthy people, and it increases with the severity of their asthma (NRC 2005). SO_2 is thought to induce airway constriction via neural reflexes involving irritant receptors in the airways (NRC 2005).

Particulate Matter (PM_{10} and $PM_{2.5}$). A number of adverse health effects have been associated with exposure to both $PM_{2.5}$ and PM_{10}. For $PM_{2.5}$, short-term exposures (up to 24-hours duration) have been associated with premature mortality, increased hospital admissions for heart or lung causes, acute and chronic bronchitis, asthma attacks, emergency room visits, respiratory symptoms, and restricted activity days. These adverse health effects have been reported primarily in infants, children, and older adults with preexisting heart or lung diseases. In

addition, of all of the common air pollutants, $PM_{2.5}$ is associated with the greatest proportion of adverse health effects related to air pollution, both in the United States and world-wide based on the World Health Organization's Global Burden of Disease Project. Short-term exposures to PM_{10} have been associated primarily with worsening of respiratory diseases, including asthma and chronic obstructive pulmonary disease, leading to hospitalization and emergency department visits (CARB 2017b).

Long-term (months to years) exposure to $PM_{2.5}$ has been linked to premature death, particularly in people who have chronic heart or lung diseases, and reduced lung function growth in children. The effects of long-term exposure to PM_{10} are less clear, although several studies suggest a link between long-term PM_{10} exposure and respiratory mortality. The International Agency for Research on Cancer published a review in 2015 that concluded that PM in outdoor air pollution causes lung cancer (CARB 2017b).

People with influenza, people with chronic respiratory and cardiovascular diseases, and older adults may suffer worsening illness and premature death as a result of breathing PM. People with bronchitis can expect aggravated symptoms from breathing PM. Children may experience a decline in lung function due to breathing in PM_{10} and $PM_{2.5}$ (EPA 2009).

PM encompasses a physically and chemically diverse class of ambient air pollutants of both anthropogenic and biological origin. The PM standard is the only NAAQS that does not target a specific chemical or family of chemical species (NRC 2005). The range of human health effects associated with ambient PM levels or demonstrated in laboratory studies has expanded from earlier concerns for total mortality and respiratory morbidity to include cardiac mortality and morbidity, blood vessel constriction, stroke, premature birth, low birth weight, retarded lung growth, enhancement of allergic responses, reduced resistance to infection, degenerative lesions in the brain, and lung cancer (EPA 2004).

4 Scientific and Technological Complexities

At issue in the Friant Ranch decision was the fact that a development project's EIR did not connect its mass emission totals to specific adverse human health effects. Concerned with the sufficiency of the EIR as an informational document, and specifically whether the magnitude of project impacts was adequately disclosed, the California Supreme Court stated the following:

> "The task for real party and the County is clear: The EIR must provide an adequate analysis to inform the public how its bare numbers translate to create potential adverse impacts or it must adequately explain what the agency *does* know and why, given existing scientific constraints, it cannot translate potential health impacts further." (Sierra Club v. County of Fresno 2018; italics original)

As discussed further below, at the time of this writing, no available modeling tools have been proven to provide a reliable and meaningful analysis to correlate an increase in mass totals or concentrations of criteria air pollutants from an individual project to specific health effects, or estimate additional pollutant nonattainment days relative to the NAAQS and CAAQS due to a single project.

Formation of Secondary Pollutants

The California Supreme Court noted, in the Friant Ranch decision, that: "The raw numbers estimating the tons per year of ROG and NO_x from the Project do not give any information to the reader about how much ozone is estimated to be produced as a result."

In response, the formation of O_3 and PM in the atmosphere, as secondary pollutants,[4] involves complex chemical and physical interactions of multiple pollutants from natural and anthropogenic sources, as further explained below. The complexity in how secondary pollutants are formed and dispersed has resulted in ongoing difficulties in measuring and regulating those pollutants.

Tropospheric, or ground level O_3, is not emitted directly into the air, but is created by chemical reactions between NO_x and VOCs (EPA 2018c). This happens when pollutants emitted by cars, power plants, industrial boilers, refineries, chemical plants, and other sources chemically react in the presence of sunlight (EPA 2018c). O_3 is most likely to reach unhealthy levels on hot sunny days in urban environments, but can still reach high levels during colder months (EPA 2018c). O_3 can also be transported long distances by wind, so even rural areas can experience high O_3 levels (EPA 2018c).

The O_3 reaction is self-perpetuating (or catalytic) in the presence of sunlight because NO_2 is photochemically reformed from nitric oxide (NO). In this way, O_3 is controlled by both NO_x and VOC emissions (NRC 2005). The complexity of these interacting cycles of pollutants means that incremental decreases in one emission may not result in proportional decreases in O_3 (NRC 2005). Although these reactions and interactions are well understood, variability in emission source operations and meteorology creates uncertainty in the modeled O_3 concentrations to which downwind populations may be exposed (NRC 2005). This is especially true for individual projects, like the proposed project, where project-generated criteria air pollutant emissions are not derived from a single "point source," but from mobile sources (cars and trucks) driving to, from and around the Project area and area sources (consumer products, architectural coating, natural gas fireplaces, etc.).

In many urban areas, O_3 nonattainment is not caused by emissions from the local area alone (EPA 2008). Due to atmospheric transport, contributions of precursors from the surrounding region can also be important (EPA 2008, O_3 NAAQS). Thus, in designing control strategies to reduce O_3 concentrations in a local area, it is often necessary to account for regional transport within the U.S. (EPA 2008). In some areas, such as California, global transport of O_3 from beyond North America also can contribute to nonattainment areas (EPA 2008).

PM can be divided into two categories: directly emitted PM and secondary PM. Secondary PM, like O_3, is formed via complex chemical reactions in the atmosphere between precursor chemicals such as SO_x and NO_x (SJVAPCD 2015). In general, PM_{10} is composed largely of primary particles, and a much greater portion of $PM_{2.5}$ contains secondary particles (EPA 2015b). The secondary formation of $PM_{2.5}$ is dominated by a variety of chemical species or components of atmospheric particles, such as ammonium sulfate, ammonium nitrate, organic carbon mass, elemental carbon, and other soil compounds and oxidized metals. $PM_{2.5}$, sulfate, nitrate, and ammonium ions are predominantly the result of chemical reactions of the oxidized products of SO_2 and NO_x emissions with direct ammonia emission (EPA 2017a). Because of the complexity of secondary PM formation, including the potential to

[4] Air pollutants formed through chemical reactions in the atmosphere are referred to as secondary pollutants.

be transported long distances by wind, the tonnage of PM-forming precursor emissions in an area does not necessarily result in an equivalent concentration of secondary PM in that area (SJVAPCD 2015).

Because of the long-range transport of some pollutants, important emission sources may be far from the locations where measured pollutant concentrations exceed the AAQS (NRC 2005). Thus, for areas experiencing higher ambient concentrations of pollutants, such as O_3 and PM, controlling emissions of those pollutants and their precursors is typically a regional, often multistate, problem, not a local one (NRC 2005).

San Joaquin Valley Air Pollution Control District and South Coast Air Quality Management District Briefs

In connection with the judicial proceedings culminating in issuance of the Friant Ranch decision, the San Joaquin Valley Air Pollution Control District (SJVAPCD) and the South Coast Air Quality Management District (SCAQMD) filed amicus briefs attesting to the extreme difficulty of correlating an individual project's criteria air pollutant emissions to specific health impacts. Both the SJVAPCD and the SCAQMD have among the most sophisticated air quality modeling and health impact evaluation capabilities of the air districts in the State. While the information and arguments presented in those briefs was considered by the California Supreme Court, the Court noted that such information was not part of the administrative record associated with the County's decision to approve the Friant Ranch project. A summary of the key, relevant points of the SJVAPCD and SCAQMD briefs is provided below.

Difference between Toxic Air Contaminants and Criteria Air Pollutants

As explained in Section 4.2.1, Existing Conditions, a toxic air contaminant (TAC) is an air pollutant, identified in regulation by CARB, which may cause or contribute to an increase in deaths or in serious illness, or which may pose a present or potential hazard to human health. TACs are considered under a different regulatory process (California Health and Safety Code section 39650 et seq.) than pollutants subject to CAAQS and NAAQS. Health effects to TACs may occur at extremely low levels and it is typically difficult to identify levels of exposure which do not produce adverse health effects. A criteria air pollutant, on the other hand, is an air pollutant for which acceptable levels of exposure can be determined and for which an AAQS has been set (CARB 2019g).

As the SJVAPCD explained in their brief, "Although criteria air pollutants can also be harmful to human health, they are distinguishable from TACs and are regulated separately. The most relevant difference between criteria pollutants and TACs for purposes of this case is the manner in which human health impacts are accounted for. While it is common practice to analyze the correlation between an individual facility's TAC emissions and the expected localized human health impacts, such is not the case for criteria pollutants" (SJVAPCD 2015). Unlike with TACs (where assessment occurs in conjunction with environmental analysis for individual projects), the human health impacts associated with criteria air pollutants are analyzed and taken into consideration when EPA sets the NAAQS for each criteria pollutant. (42 U.S.C. § 7409(b)(1).) The health impact of a particular criteria pollutant is analyzed on a regional and not a facility or individual project level based on how close the area is to complying with (attaining) the NAAQS (SJVAPCD 2015). The SJVAPCD concluded that while it is possible to perform a health impact analysis for TACs, which was done for construction of the proposed project (see Section 4.2.4 Impacts Analysis, AQ-3), "it is not feasible to conduct a similar analysis for criteria air pollutants because currently available computer modeling tools are not equipped for this task" (SJVAPCD 2015).

Disconnect Between Mass and Concentration

Another important technical nuance is that health effects from air pollutants are related to the concentration of the air pollutant that an individual is exposed to, not necessarily the individual mass quantity of emissions associated with an individual project. For example, health effects from O_3 are correlated with increases in the ambient level of O_3 in the air a person breathes (SCAQMD 2015). However, it takes a large amount of additional precursor emissions to cause a modeled increase in ambient O_3 levels over an entire region (SCAQMD 2015).

For CEQA analyses, project-generated emissions are typically estimated in pounds per day or tons per year and compared to mass daily or annual emission thresholds. While CEQA thresholds are established at levels that the air basin can accommodate without affecting the attainment date for the AAQS, even if a project exceeds established CEQA significance thresholds, this does not mean that one can easily determine the concentration of O_3 or PM that will be created at or near the project site on a particular day or month of the year, or what specific health impacts will occur (SJVAPCD 2015).

As the SJVAPCD points out, the tonnage of PM "emitted does not always equate to the local PM concentration because it can be transported long distances by wind," and "[s]econdary PM, like O_3, is formed via complex chemical reactions in the atmosphere between precursor chemicals such as sulfur dioxides (SO_x) and NO_x," meaning that "the tonnage of PM-forming precursor emissions in an area does not necessarily result in an equivalent concentration of secondary PM in that area" (SJVAPCD 2015). The disconnect between the tonnage of precursor pollutants (NO_x, SO_x and VOCs) and the concentration of O_3 or PM formed is important because it is not necessarily the tonnage of precursor pollutants that causes human health effects, but the concentration of resulting O_3 or PM (SJVAPCD 2015). As discussed previously, the AAQS are established as concentrations of O_3 or PM and not as tonnages of their precursor pollutants (SJVAPCD 2015). The disconnect between the amount of precursor pollutants and the concentration of O_3 or PM formed makes it difficult to determine potential health impacts, which are related to the concentration of O_3 and PM experienced by the receptor rather than levels of NO_x, SO_x, and VOCs produced by a source (SJVAPCD 2015).

As discussed above, attainment of a particular AAQS occurs when the concentration of the relevant pollutant remains below a set threshold on a consistent basis throughout a particular region (SJVAPCD 2015). Because the AAQS are focused on achieving a particular concentration of pollution region-wide, an air district's tools and plans for attaining the AAQS are regional in nature (SJVAPCD 2015). For instance, the computer models used to simulate and predict an attainment date for the O_3 or PM NAAQS in the San Joaquin Valley are based on regional inputs, such as regional inventories of precursor pollutants (NO_x, SO_x and VOCs) and the atmospheric chemistry and meteorology of the San Joaquin Valley (SJVAPCD 2015). At a very basic level, the models simulate future O_3 or PM levels based on predicted changes in precursor emissions San Joaquin Valley Air Basin-wide (SJVAPCD 2015). Because the AAQS are set levels necessary to protect human health, the closer a region is to attaining a particular AAQS, the lower the human health impact is from that pollutant (SJVAPCD 2015).

The goal of these modeling exercises is not to determine whether the emissions generated by a particular factory or development project will affect the date that the San Joaquin Valley Air Basin attains the AAQS (SJVAPCD 2015). Rather, the SJVAPCD's modeling and planning strategy is regional in nature and based on the extent to which all of the emission-generating sources in the San Joaquin Valley Air Basin (current and future) must be controlled in order to reach attainment (SJVAPCD 2015).

Correlation to Health Effects

The SJVAPCD ties the difficulty of correlating the emission of criteria pollutants to health impacts to how O_3 and PM are formed, as explained above. According to SJVAPCD, "even once a model is developed to accurately ascertain local increases in concentrations of photochemical pollutants like O_3 and some particulates, it remains impossible, using today's models, to correlate that increase in concentration to a specific health impact [because] such models are designed to determine regional, population-wide health impacts, and simply are not accurate when applied at the local level" (SJVAPCD 2015).

To demonstrate the relative scale between emissions within the SCAQMD jurisdiction used in photochemical and other regional modeling and proposed project-level emissions, emissions for the SCAQMD jurisdiction from the CARB California Emissions Projection Analysis Model (CEPAM) emissions inventory and estimated emissions from the proposed project are summarized below. CEPAM produces projected emissions that can then be gridded to serve as the emission input for photochemical modeling. Including all sources except natural sources,[5] total emissions for the SCAQMD for the CEPAM baseline year of 2012 is as follows: 485 tons per day for VOC, 573 tons per day of NO_x, 2,183 tons per day of CO, 19 tons per day for SO_x, 168 tons per day of PM_{10}, and 70 tons per day of $PM_{2.5}$ (CARB 2018b). For the proposed project's buildout year of 2021, total projected emissions for the SCAQMD for all sources expect natural, as forecasted by CEPAM, is as follows: 379 tons per day for VOC, 336 tons per day of NO_x, 1,400 tons per day of CO, 16 tons per day for SO_x, 184 tons per day of PM_{10}, and 67 tons per day of $PM_{2.5}$ (CARB 2018b). Construction of the proposed project is estimated to result in maximum daily emissions of 0.01 ton per day for VOC, 0.04 ton per day of NO_x, 0.06 ton per day of CO, less than 0.01 ton per day for SO_x, 0.01 ton per day of PM_{10}, and 0.01 ton per day of $PM_{2.5}$ after incorporation of mitigation (see Table 4.2-14, Estimated Maximum Daily Construction Criteria Air Pollutant Emissions - Mitigated). Proposed project operation is anticipated to result in maximum daily emissions of 0.02 ton per day for VOC, 0.12 ton per day of NO_x, 0.14 ton per day of CO, less than 0.01 ton per day for SO_x, 0.04 ton per day of PM_{10}, and 0.01 ton per day of $PM_{2.5}$ under unmitigated conditions (see Table 4.2-8, Estimated Maximum Daily Operational Emissions - Unmitigated). As presented above, proposed project emissions represent a small fraction of the total emissions in the SCAQMD jurisdiction.

SCAQMD used O_3, which is formed from the chemical reaction of NO_x and VOCs in the presence of sunlight, as an example of why it is impracticable to determine specific health outcomes from criteria pollutants for all but very large, regional-scale projects. First, forming O_3 "takes time and the influence of meteorological conditions for these reactions to occur, so ozone may be formed at a distance downwind from the sources" (SCAQMD 2015). Second, "it takes a large amount of additional precursor emissions (NO_x and VOCs) to cause a modeled increase in ambient ozone levels over an entire region," with a 2012 study showing that "reducing NO_x by 432 tons per day (157,680 tons/year) and reducing VOC by 187 tons per day (68,255 tons/year) would reduce ozone levels at the SCAQMD's monitor site with the highest levels by only 9 parts per billion" (SCAQMD 2015). SCAQMD thus concludes that it "does not currently know of a way to accurately quantify O_3-related health impacts caused by NO_x or VOC emissions from relatively small projects" (SCAQMD 2015).

Essentially, SCAQMD takes the position that a project emitting only 10 tons per year of NO_x or VOC is small enough that its regional impact on ambient O_3 levels may not be detected in the regional air quality models that are currently used to determine O_3 levels; thus, in this case it would not be feasible to directly correlate project emissions of VOC

[5] Natural sources are non-manmade emission sources, which include biological and geological sources, wildfires, windblown dust, and biogenic emissions from plants and trees.

or NO_x with specific health impacts from O_3 (SCAQMD 2015). Therefore, lead agencies that use SCAQMD's thresholds of significance may determine that many projects have "significant" air quality impacts and must apply all feasible mitigation measures, yet will not be able to precisely correlate the project to quantifiable health impacts.

Effects on Number of Nonattainment Days

In regard to regional concentrations and air basin attainment, the SJVAPCD emphasized that attempting to identify a change in background pollutant concentrations that can be attributed to a single project, even one as large as the entire Friant Ranch Specific Plan, is a theoretical exercise. The SJVAPCD brief noted that it "would be extremely difficult to model the impact on NAAQS attainment that the emissions from the Friant Ranch project may have" (SJVAPCD 2015). The situation is further complicated by the fact that background concentrations of regional pollutants are not uniform either temporally or geographically throughout an air basin, but are constantly fluctuating based upon meteorology and other environmental factors. As discussed above, the currently available modeling tools are equipped to model the impact of all emission sources in the San Joaquin Valley Air Basin on attainment (SJVAPCD 2015). The SJVAPCD brief then indicated that, "Running the photochemical grid model used for predicting O_3 attainment with the emissions solely from the Friant Ranch project (which equate to less than one-tenth of one percent of the total NO_x and VOC in the Valley) is not likely to yield valid information given the relative scale involved" (SJVAPCD 2015).

Sacramento Metropolitan Air Quality Management District Interim Recommendation

As previously discussed, the SMAQMD is to date the only California air district to formally release guidance (Interim Recommendation, April 2019) for lead agencies and practitioners preparing CEQA documents for projects within Sacramento County to comply with the Friant Ranch decision. Consistent with the expert opinions submitted to the Court in Friant Ranch by SJVAPCD and SCAQMD, the SMAQMD guidance confirms the absence of an acceptable or reliable quantitative methodology that would correlate the expected criteria air pollutant emissions of projects to the likely health consequences to people of project-generated criteria air pollutant emissions. The SMAQMD guidance explains that while it is in the process of developing a methodology to assess these impacts, lead agencies should follow the Friant Court's advice to explain in meaningful detail why this analysis is not yet feasible.

The Interim Recommendation further states that, "neither the Sac Metro Air District nor any other air district currently have methodologies that would provide Lead Agencies and CEQA practitioners with a consistent, reliable, and meaningful analysis to correlate specific health impacts that may result from a proposed project's mass emissions" (SMAQMD 2019). The recommendation further explains that air districts have focused on reducing regional emissions from all sectors to meet the health-based concentration standards, thereby reducing the pollutant specific health impacts for the entire population. For example, the SMAQMD prepared plans to attain and maintain the O_3 and PM AAQS. These attainment plans include emissions inventories, air monitoring data, control measures, modeling, future pollutant-level estimates, and general health information. Attainment planning models rely on regional inputs to determine O_3 and PM formation and concentrations in a regional context, not a project specific context. Because of the complexity of O_3 formation, the pounds or tons of emissions from a proposed project in a specific geographical location does not equate to a specific concentration of ozone formation in a given area, because in addition to emission levels, O_3 formation is affected by atmospheric chemistry, geography, and weather. Secondary formation of PM is very similar to the complexity of O_3 formation, and localized impacts of directly emitted PM do not always equate to local PM concentrations due to transport of emissions. Accordingly, because air district attainment plans and supporting air model tools are regional in nature, they do not allow for

analysis of the health impacts of specific projects on any given geographic location. The Interim Recommendation also references available health-related information, but indicates that the available information cannot be directly correlated to the pounds/day or tons/year of emissions estimated from a single, proposed project.

The Interim Recommendation is in place to assist lead agencies and practitioners with CEQA document preparation until SMAQMD develops a methodology that provides a consistent, reliable and meaningful analysis to address the Court's direction on correlating health impacts to a project's emissions.

Methods Available

At the time of writing, no specific tools have been developed for use in CEQA documents to connect criteria air pollutant emissions from an individual project to specific health effects in response to Friant Ranch. However, it has been demonstrated to be technically feasible to use existing regional models and an existing health effect modeling program to evaluate individual projects, which has been conducted for a few projects in 2019. The following CEQA documents included a quantitative HIA to address Friant Ranch:

1. California State University Dominguez Hills 2018 Campus Master Plan EIR (CSUDH MP) (Cal State University Dominguez Hills 2019)

2. March Joint Powers Association K4 Warehouse and Cactus Channel Improvements EIR (March JPA K4) (March JPA 2019)

3. Mineta San Jose Airport Amendment to the Airport Master Plan EIR (San Jose Airport) (City of San Jose 2019)

4. City of Inglewood Basketball and Entertainment Center Project EIR (IBEC) (City of Inglewood 2019)

The first step in all of the four above listed examples including running a regional PGM, such as the Community Multiscale Air Quality (CMAQ)[6] model or the Comprehensive Air Quality Model with extensions (CAMx)[7] to estimate the increase in concentrations of O_3 and $PM_{2.5}$ as a result of project-generated emissions of criteria and precursor pollutants. Air districts, such as the SCAQMD, use photochemical air quality models for regional air quality planning. These photochemical models are large-scale air quality models that simulate the changes of pollutant concentrations in the atmosphere using a set of mathematical equations characterizing the chemical and physical processes in the atmosphere (EPA 2017b).

[6] The CMAQ modeling system includes state-of-the-science capabilities for conducting urban-to-regional-to-hemispheric scale simulations of multiple air quality issues, including tropospheric O_3, fine particles, TACs, acid deposition, and visibility degradation. CMAQ brings together three kinds of models: (1) Meteorological models to represent atmospheric and weather activities, (2) Emission models to represent man-made and naturally-occurring contributions to the atmosphere, and (3) An air chemistry-transport model to predict the atmospheric fate of air pollutants under varying conditions (EPA 2018d).

[7] CAMx is a three-dimensional grid-based Eulerian air quality model designed to estimate the formation and fate of oxidant precursors, primary and secondary particulate matter concentrations, and deposition over regional and urban spatial scales (e.g., over the contiguous U.S.) (EPA 2015a).

After estimating the increase in concentrations of O_3 and $PM_{2.5}$, the second step in the four examples includes use of BenMAP or BenMAP-CE to estimate the resulting associated health effects. BenMAP estimates the number of health incidences resulting from changes in air pollution concentrations (EPA 2018e). The health impact function in BenMAP-CE incorporates four key sources of data: (i) modeled or monitored air quality changes, (ii) population, (iii) baseline incidence rates, and (iv) an effect estimate. While BenMAP can estimate the health effects of emissions of VOC, NO_x, CO, SO_2, and $PM_{2.5}$, O_3 and $PM_{2.5}$ were determined to have the most critical health impacts and thus, were the pollutants evaluated to determine the project's health effects in three of the four examples (i.e., CSUDH MP, March JPA K4, and San Jose Airport). The current version of BenMAP-CE only has health impact functions associated with O_3 and $PM_{2.5}$, which is why the example HIA using BenMAP-CE only quantitatively addressed O_3 and $PM_{2.5}$ related health outcomes. As such, all example HIAs focused on O_3 and $PM_{2.5}$.

BenMAP outputs include O_3- and PM-related health endpoints such as premature mortality, hospital admissions, and emergency room visits (City of San Jose 2019). BenMAP uses the following simplified formula to relate changes in ambient air pollution to certain health endpoints (City of San Jose 2019):

$$Health\ Effect = Air\ Quality\ Change \times Health\ Effect\ Estimate \times Exposed\ Population \times Background\ Health\ Incidence$$

Population characteristics are a key variable in the BenMAP estimate of health incidences. As such, small increases in emissions in an area with a high population may have a much greater affect than large increases in emissions over an area with a small population. While location and associated population is a key factor, making the four examples specific not only to the project-generated emissions, but also to the geographic location and underlying population estimates, the findings of the four examples are provided herein for context, particularly for the conclusions.

For the CSUDH MP, the proposed project retains the existing campus enrollment cap of 20,000 full-time-equivalent students, while providing a framework for development of the CSUDH's campus in a forward-looking manner that accommodates growth from the current enrollment of approximately 11,000 full-time-equivalent students to the maximum enrollment of 20,000 full-time-equivalent students over a planning horizon extending to 2035. The project is located within Los Angeles County within the SCAQMD jurisdictional boundaries (within the South Coast Air Basin). For context, the maximum daily emissions of relevant pollutants generated by the CSUDH MP were estimated to be 482.6 pounds per day of VOC, 240.1 pounds per day of NO_x, 2.7 pounds per day of SO_2, and 79.5 pounds per day of $PM_{2.5}$.

The CSUDH MP presented HIA results in terms of an increase in health incidences and the increase in background health incidence for various health outcomes referred to as endpoints. The background health incidence is the actual incidence of health effects as measured in the local population in the absence of additional emissions from the project. (CSUDH 2019)

The two highest $PM_{2.5}$-related health outcomes attributed to the CSUDH MP project-related increases in ambient air concentrations included mortality (10.31 incidences per year, 0.0032% in background health incidence) and asthma-related emergency room visits (4.38 incidences per year, 0.0033% in background health incidence). The remaining health endpoints, including asthma-related hospital admissions, all cardiovascular-related hospital admissions (not including myocardial infarctions), all respiratory-related hospital admissions, and nonfatal acute

myocardial infarction ranged from 0.00044 to 2.44 incidences per year (0.00047% to 0.0014% in background health incidence). (CSUDH 2019)

O_3-related health outcomes attributed to the CSDUDH project-related increases in ambient air concentrations included respiratory-related hospital admissions (0.67 incidences per year, 0.00034% in background health incidence), mortality (0.28 incidences per year, 0.00013% in background health incidence), and asthma-related emergency room visits for any age range (lower than 3.38 incidences per year for all age groups, lower than 0.0058% percent in background health incidence for all age groups). (CSUDH 2019)

The CSUDH MP HIA then concluded that "for all these health endpoints, the number of estimated incidences is less than 0.0058% of the background health incidence. … When taken into context, the small increase in incidences and the very small percent of the number of background incidences indicate that these health impacts are negligible in a developed, urban environment." (CSUDH 2019). Of the four examples discussed herein, the CSUDH MP HIA estimated the highest health effects from $PM_{2.5}$; however, the associated health effect was determined to not be substantial.

The March JPA K4 project is also located within the SCAQMD jurisdictional boundaries (within the South Coast Air Basin), but within Riverside County. The proposed project involves the development of the five parcels on the 35.4-acre K4 Parcel with a 718,000-square-foot building conservatively assumed to be occupied by High-Cube ecommerce/fulfillment center use. The mitigated maximum daily operational emissions of relevant pollutants generated by the March JPA K4 were estimated to be 41.0 pounds per day of VOC, 253.0 pounds per day of NO_x, 1.4 pounds per day of SO_x, and 30.3 pounds per day of $PM_{2.5}$. The March HPA K4 HIA determined that, "for all these health endpoints, the number of estimated incidences is less than 0.0042% of the baseline number of incidences," and that "these health impacts are conservatively estimated, and the actual impacts may be zero." (March JPA 2019). Of the four examples, the March JPA K4 project is most similar to the Costco/Vineyard II Retail project based on both the population characteristics (both within Riverside County) and the total relevant criteria and precursor pollutant emissions.

While the San Jose Airport project is not similar to the proposed Costco/Vineyard II Retail project based on land use type, emissions profile, and geographical location, the results still provide a relevant data point. San Jose Airport is located in Santa Clara County within the Bay Area AQMD jurisdictional boundaries (within the San Francisco Bay Area Air Basin). The San Jose Airport project includes amending the approved 2018 Airport Master Plan to a) shift the planning horizon year from 2027 to 2037, b) modify future facility requirements at the airport to reflect updated demand forecasts, and c) modify certain components of the airfield to reduce to potential for runway incursions. (City of San Jose 2019). The estimated maximum daily incremental operational emissions of relevant pollutants generated by the San Jose Airport project were estimated to be -49.4 pounds per day of VOC, 5,325 pounds per day of NO_x, and 52 pounds per day of $PM_{2.5}$. However, the following emissions inventory was assumed for the HIA: 57.3 pounds per day of VOC, 5,643.0 pounds per day of NO_x, and 51.6 pounds per day of $PM_{2.5}$.

The San Jose Airport HIA estimated that the highest health endpoint from $PM_{2.5}$ was mortality at 4.46 incidences (0.0017% percent in background health incidence). All other PM_{2-5}-related health incidences ranged from 0.00022 to 1.89 (0.00027% to 0.0016% percent in background health incidence). For O_3-related health endpoints, the highest was emergency room visits for asthma, which was estimated to be 11.05 incidences (0.028% percent in background health incidence) for ages 0-17 and 14.59 incidences (0.019% percent in background health incidence) for ages 18-99 (City of San Jose 2019). Of the four examples discussed herein, the San Jose Airport

resulted in the greatest O_3 incidences, which correlates with the estimated high emissions of ozone-precursors, specifically NO_x at 5,643 pounds per day. Nonetheless, the conclusion was that "when taken into context, the small increase in incidences and the very small percent of the number of background incidences indicate that these health impacts are negligible in a developed, urban environment." (City of San Jose 2019)

The IBEC project HIA provides another important data point for consideration. The IBEC project consists of an arena designed to host the LA Clippers basketball team with up to 18,000 fixed seals for National Basketball Association games and up to 500 additional temporary seats for events such as family shows, concerts, conventions, corporate events, and non-LA Clippers sporting events. The IBEC project is located within Los Angeles County within the jurisdictional boundaries of the SCAQMD (within the South Coast Air Basin). The IBEC EIR evaluated nine operational scenarios; across these multiple scenarios, the estimated maximum daily net increase in operational emissions of relevant pollutants was 94 pounds per day of VOC, 99 pounds per day of NO_x, 3 pounds per day of SO_x, and 89 pounds per day of $PM_{2.5}$.

The IBEC EIR analysis provided helpful context on using regional models for individual projects, as follows: "Generally, models that correlate criteria air pollutant concentrations with specific health effects focus on regulatory decision-making that will apply throughout an entire air basin or region. These models focus on the region-wide health effects of pollutants so that regulators can assess the costs and benefits of adopting a proposed regulation that applies to an entire category of air pollutant sources, rather than the health effects related to emissions from a specific proposed project or source. Because of the scale of these analyses, any one project is likely to have only very small incremental effects which may be difficult to differentiate from the effects of air pollutant concentrations in an entire air basin. … For regional pollutants, it is difficult to trace a particular project's criteria air pollutant emissions to a specific health effect. Moreover, the modeled results may be misleading because the margin of error in such modeling is large enough that, even if the modeled results report a given health effect, the model is sufficiently imprecise that the actual effect may differ from the reported results; that is, the modeled results suggest precision, when in fact available models cannot be that precise on a project level." (City of Inglewood 2019).

For O_3-related health endpoints, emergency room visits for asthma was estimated to be 0.087 incidence per year for all studied age groups combined, 0.016 incidence per year of respiratory-related hospital admissions, and less than 0.02 incidence per year of mortality; the amount of estimated incremental health effects incidence is less than 0.0001% of the baseline number of health effects incidences in the study area.

A key finding from the IBEC HIA was that the for $PM_{2.5}$-related health endpoints, due to the very small changes in ambient $PM_{2.5}$ concentrations as modeled by CMAQ, all of the estimated incremental health incidences were negative values. The IBEC HIA stated that this further confirms that the modeled $PM_{2.5}$ concentrations are within the model's margin of error, no meaningful conclusions can be reached on the specific health effects that may be caused by the proposed project O_3 precursor and $PM_{2.5}$ emissions, and health impacts may in fact be zero, and they would still be well within the models' margin of error (City of Inglewood 2019).

It is also important to note that while these results conclude that the project emissions do not result in a substantial increase in health incidences, the estimated emissions and assumed toxicity is also conservatively inputted into the HIA and thus, overestimate health incidences, particularly for $PM_{2.5}$. For example, as discussed in the San Jose Airport HIA, "the USEPA has also stated that results from various studies have shown the importance of considering particle size, composition, and particle source in determining the health impacts of PM. Further, USEPA found that studies have reported that particles from industrial sources and from coal combustion appear to be the most

significant contributors to PM-related mortality, consistent with the findings by Rohr and Wyzga and others. This is particularly important to note here, as the majority of PM emissions generated from the Project are from entrained roadway dust, and not from combustion. Therefore, by not considering the relative toxicity of PM components, the results presented here are conservative." (City of San Jose 2019).

As explained in the SJVAPCD brief and noted previously, running the PGM used for predicting O_3 attainment with the emissions solely from an individual project like the Friant Ranch project or the proposed project is not likely to yield valid information given the relative scale involved. The four examples discussed herein support the SJVAPCD's brief contention that consistent, reliable, and meaningful results may not be provided by methods applied at this time. Accordingly, additional work in the industry and more importantly, air district participation, is needed to develop a more meaningful analysis to correlate project-level mass criteria air pollutant emissions and health effects for decision makers and the public. Furthermore, at the time of writing, no HIA has concluded that health effects estimated using the PGM and BenMAP approach are substantial provided that the estimated project-generated incidences represent a very small percent of the number of background incidences, potentially within the models' margin of error.

5 Evaluation of the Proposed Project's Health Effects

Based on the evaluation of methods available provided in Section 4, this evaluation does not attempt to quantify health effects, but builds upon the discussion provided in Sections 2 and 3 to disclose potential health effects associated with the proposed project. As explained in Section 2, the EPA and CARB have established AAQS at levels above which concentrations could be harmful to human health and welfare, with an adequate margin of safety. Further, California air districts (like SCAQMD) have established emission-based thresholds that provide project-level estimates of criteria air pollutant quantities that air basins can accommodate without affecting the attainment dates for the AAQS. Accordingly, elevated levels of criteria air pollutants as a result of a proposed project's emissions could cause adverse health effects associated with these pollutants.

In this case, construction of the proposed project is estimated to exceed SCAQMD thresholds for NO_x before mitigation but would not exceed SCAQMD thresholds after mitigation is incorporated. Operation of the proposed project is estimated to exceed SCAQMD thresholds for VOC and NO_x before and after mitigation is incorporated. As shown in Table 2 (Section 2), the SCAB is designated as a nonattainment area for O_3 under the NAAQS and the CAAQS.

As discussed in Section 3, health effects associated with O_3 include respiratory symptoms, worsening of lung disease leading to premature death, and damage to lung tissue (CARB 2019h). VOCs and NO_x are precursors to O_3, for which the SCAB is designated as nonattainment with respect to the NAAQS and CAAQS. The contribution of VOCs and NO_x to regional ambient O_3 concentrations is the result of complex photochemistry. The increases in O_3 concentrations in the SCAB due to O_3 precursor emissions tend to be found downwind from the source location to allow time for the photochemical reactions to occur. However, the potential for exacerbating excessive O_3 concentrations would also depend on the time of year that the VOC emissions would occur because exceedances of the O_3 AAQS tend to occur between April and October when solar radiation is highest. The holistic effect of a single project's emissions of O_3 precursors is speculative because of the lack of quantitative methods to assess this impact. Nonetheless, because VOC and NO_x emissions associated with proposed project construction and/or operation would exceed the SCAQMD mass daily construction threshold, it could minimally contribute to regional O_3 concentrations and the associated health effects.

Health effects associated with NO_x include lung irritation and enhanced allergic responses (see Section 3; CARB 2019h). Health impacts that result from NO_2 and NO_x include respiratory irritation. Although the proposed project construction would generate NO_x emissions that would exceed the SCAQMD mass daily thresholds, it is unlikely that construction of the proposed project would contribute to exceedances of the NAAQS and CAAQS for NO_2 because the SCAB is designated as in attainment of the NAAQS and CAAQS for NO_2 and the existing NO_2 concentrations in the area are well below the NAAQS and CAAQS standards. Nonetheless, because there are nearby receptors that could be affected by off-road construction equipment (primary source of NO_x), the proposed project could result in potential health effects associated with NO_2 and NO_x.

Health effects associated with CO include chest pain in patients with heart disease, headache, light-headedness, and reduced mental alertness (See Section 3; CARB 2019h). CO tends to be a localized impact associated with congested intersections. The associated potential for CO hotspots were discussed in Section 4.2.4 Impacts Analysis, AQ-3, and are determined to be a less-than-significant impact. Furthermore, because construction of the proposed project would generate CO emissions that would not exceed the SCAQMD threshold, the project's CO emissions would not contribute to health effects associated with this pollutant.

In summary, because operation of the proposed project could result in exceedances of the SCAQMD significance thresholds for VOC and NO_x,, the proposed project would potentially result in health effects associated with those pollutants, as explained in Section 3. Because construction of the proposed project would not exceed SCAQMD thresholds, operation of the proposed project would not exceed the SCAQMD thresholds for CO, SO_x, PM_{10}, and $PM_{2.5}$, and because the SCAQMD thresholds are based on levels that the SCAB can accommodate without affecting the attainment date for the AAQS and the AAQS are established to protect public health and welfare, the proposed project is not anticipated to result in health effects associated with CO, SO_x, PM_{10}, or $PM_{2.5}$. At the time of preparation of this memorandum, there are no modeling tools, as explained above, that can provide reliable and meaningful additional information regarding the potential health effects or potential for further nonattainment days from criteria air pollutants generated by the proposed project.

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