Appendix R

Modeling for Project Alternatives

Appendix R-1

Alternatives Air Quality-Greenhouse Gas Model Outputs

Sywest Development Pipeline v2 Detailed Report

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1.1. Basic Project Information

Data Field	Value
Project Name	Sywest Development Pipeline v2
Construction Start Date	7/1/2027
Lead Agency	City of Goleta
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.40
Precipitation (days)	24.0
Location	34.42642768911588, -119.82725037683926
County	Santa Barbara
City	Goleta
Air District	Santa Barbara County APCD
Air Basin	South Central Coast
TAZ	3391
EDFZ	8
Electric Utility	Central Coast Community Energy
Gas Utility	Southern California Gas
App Version	2022.1.1.26

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
Road Construction	0.83	Mile	0.50	0.00	0.00	—	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Construction	C-2*	Limit Heavy-Duty Diesel Vehicle Idling
Construction	C-10-A	Water Exposed Surfaces
Construction	C-11	Limit Vehicle Speeds on Unpaved Roads

* Qualitative or supporting measure. Emission reductions not included in the mitigated emissions results.

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	2.97	23.6	30.0	0.06	0.99	3.39	4.37	0.91	0.39	1.30	—	6,708	6,708	0.27	0.06	0.81	6,735
Mit.	2.97	23.6	30.0	0.06	0.99	1.45	2.43	0.91	0.18	1.09	—	6,708	6,708	0.27	0.06	0.81	6,735
% Reduced	—	—	—	—	—	57%	44%	—	53%	16%	—	—	—	—	—	—	—
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.33	2.67	3.38	0.01	0.11	0.36	0.47	0.10	0.04	0.14	—	756	756	0.03	0.01	0.04	759
Mit.	0.33	2.67	3.38	0.01	0.11	0.16	0.26	0.10	0.02	0.12	—	756	756	0.03	0.01	0.04	759
% Reduced	—	—	—	—	—	57%	44%	—	53%	16%	—	—	—	—	—	—	—
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.06	0.49	0.62	< 0.005	0.02	0.07	0.09	0.02	0.01	0.03	—	125	125	0.01	< 0.005	0.01	126
Mit.	0.06	0.49	0.62	< 0.005	0.02	0.03	0.05	0.02	< 0.005	0.02	—	125	125	0.01	< 0.005	0.01	126

% Reduced	—	—	—	—	—	57%	44%	—	53%	16%	—	—	—	—	—	—	—

2.2. Construction Emissions by Year, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	2.97	23.6	30.0	0.06	0.99	3.39	4.37	0.91	0.39	1.30	—	6,708	6,708	0.27	0.06	0.81	6,735
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	0.33	2.67	3.38	0.01	0.11	0.36	0.47	0.10	0.04	0.14	—	756	756	0.03	0.01	0.04	759
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	0.06	0.49	0.62	< 0.005	0.02	0.07	0.09	0.02	0.01	0.03	—	125	125	0.01	< 0.005	0.01	126

2.3. Construction Emissions by Year, Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	2.97	23.6	30.0	0.06	0.99	1.45	2.43	0.91	0.18	1.09	—	6,708	6,708	0.27	0.06	0.81	6,735
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	0.33	2.67	3.38	0.01	0.11	0.16	0.26	0.10	0.02	0.12	—	756	756	0.03	0.01	0.04	759

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	0.06	0.49	0.62	< 0.005	0.02	0.03	0.05	0.02	< 0.005	0.02	—	125	125	0.01	< 0.005	0.01	126

3. Construction Emissions Details

3.1. Linear, Grubbing & Land Clearing (2027) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.34	3.00	3.45	< 0.005	0.16	—	0.16	0.15	—	0.15	—	491	491	0.02	< 0.005	—	492
Dust From Material Movement	—	—	—	—	—	0.53	0.53	—	0.06	0.06	—	—	—	—	—	—	—
Onsite truck	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
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.05	0.06	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	8.07	8.07	< 0.005	< 0.005	—	8.10
Dust From Material Movement	—	—	—	—	—	0.01	0.01	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.34	1.34	< 0.005	< 0.005	—	1.34
Dust From Material Movement	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	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
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.02	0.24	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	45.4	45.4	< 0.005	< 0.005	0.18	46.2
Vendor	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
Hauling	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
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.73	0.73	< 0.005	< 0.005	< 0.005	0.74
Vendor	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
Hauling	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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.12	0.12	< 0.005	< 0.005	< 0.005	0.12
Vendor	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
Hauling	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

3.2. Linear, Grubbing & Land Clearing (2027) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.34	3.00	3.45	< 0.005	0.16	—	0.16	0.15	—	0.15	—	491	491	0.02	< 0.005	—	492
Dust From Material Movement	—	—	—	—	—	0.21	0.21	—	0.02	0.02	—	—	—	—	—	—	—
Onsite truck	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
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.05	0.06	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	8.07	8.07	< 0.005	< 0.005	—	8.10
Dust From Material Movement	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.34	1.34	< 0.005	< 0.005	—	1.34
Dust From Material Movement	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	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
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.03	0.02	0.24	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	45.4	45.4	< 0.005	< 0.005	0.18	46.2
Vendor	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
Hauling	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
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.73	0.73	< 0.005	< 0.005	< 0.005	0.74
Vendor	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
Hauling	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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.12	0.12	< 0.005	< 0.005	< 0.005	0.12
Vendor	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
Hauling	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

3.3. Linear, Grading & Excavation (2027) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.84	23.5	29.0	0.06	0.99	—	0.99	0.91	—	0.91	—	6,495	6,495	0.26	0.05	—	6,517
Dust From Material Movement	—	—	—	—	—	3.18	3.18	—	0.34	0.34	—	—	—	—	—	—	—
Onsite truck	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

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.17	1.42	1.75	< 0.005	0.06	—	0.06	0.05	—	0.05	—	391	391	0.02	< 0.005	—	393
Dust From Material Movement	—	—	—	—	—	0.19	0.19	—	0.02	0.02	—	—	—	—	—	—	—
Onsite truck	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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.26	0.32	< 0.005	0.01	—	0.01	0.01	—	0.01	—	64.8	64.8	< 0.005	< 0.005	—	65.0
Dust From Material Movement	—	—	—	—	—	0.03	0.03	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	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
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.13	0.09	1.04	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	197	197	0.01	0.01	0.77	200
Vendor	< 0.005	0.03	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	17.1	17.1	< 0.005	< 0.005	0.04	17.9
Hauling	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
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.06	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	11.6	11.6	< 0.005	< 0.005	0.02	11.8

Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.03	1.03	< 0.005	< 0.005	< 0.005	1.08
Hauling	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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.92	1.92	< 0.005	< 0.005	< 0.005	1.96
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.17	0.17	< 0.005	< 0.005	< 0.005	0.18
Hauling	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

3.4. Linear, Grading & Excavation (2027) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.84	23.5	29.0	0.06	0.99	—	0.99	0.91	—	0.91	—	6,495	6,495	0.26	0.05	—	6,517
Dust From Material Movement	—	—	—	—	—	1.24	1.24	—	0.13	0.13	—	—	—	—	—	—	—
Onsite truck	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
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.17	1.42	1.75	< 0.005	0.06	—	0.06	0.05	—	0.05	—	391	391	0.02	< 0.005	—	393
Dust From Material Movement	—	—	—	—	—	0.07	0.07	—	0.01	0.01	—	—	—	—	—	—	—

Onsite truck	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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.26	0.32	< 0.005	0.01	—	0.01	0.01	—	0.01	—	64.8	64.8	< 0.005	< 0.005	—	65.0
Dust From Material Movement	—	—	—	—	—	0.01	0.01	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	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
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.13	0.09	1.04	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	197	197	0.01	0.01	0.77	200
Vendor	< 0.005	0.03	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	17.1	17.1	< 0.005	< 0.005	0.04	17.9
Hauling	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
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.06	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	11.6	11.6	< 0.005	< 0.005	0.02	11.8
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.03	1.03	< 0.005	< 0.005	< 0.005	1.08
Hauling	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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.92	1.92	< 0.005	< 0.005	< 0.005	1.96
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.17	0.17	< 0.005	< 0.005	< 0.005	0.18
Hauling	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

3.5. Linear, Drainage, Utilities, & Sub-Grade (2027) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.32	19.8	23.2	0.05	0.76	—	0.76	0.70	—	0.70	—	5,692	5,692	0.23	0.05	—	5,711
Dust From Material Movement	—	—	—	—	—	2.65	2.65	—	0.29	0.29	—	—	—	—	—	—	—
Onsite truck	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
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.12	1.03	1.21	< 0.005	0.04	—	0.04	0.04	—	0.04	—	296	296	0.01	< 0.005	—	297
Dust From Material Movement	—	—	—	—	—	0.14	0.14	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.19	0.22	< 0.005	0.01	—	0.01	0.01	—	0.01	—	49.1	49.1	< 0.005	< 0.005	—	49.2
Dust From Material Movement	—	—	—	—	—	0.03	0.03	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	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

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.11	0.07	0.88	0.00	0.00	0.17	0.17	0.00	0.04	0.04	—	166	166	0.01	0.01	0.65	169
Vendor	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
Hauling	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
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	< 0.005	0.05	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	8.49	8.49	< 0.005	< 0.005	0.01	8.63
Vendor	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
Hauling	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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.41	1.41	< 0.005	< 0.005	< 0.005	1.43
Vendor	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
Hauling	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

3.6. Linear, Drainage, Utilities, & Sub-Grade (2027) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.32	19.8	23.2	0.05	0.76	—	0.76	0.70	—	0.70	—	5,692	5,692	0.23	0.05	—	5,711

Dust From Material Movement	—	—	—	—	—	1.03	1.03	—	0.11	0.11	—	—	—	—	—	—	—
Onsite truck	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
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.12	1.03	1.21	< 0.005	0.04	—	0.04	0.04	—	0.04	—	296	296	0.01	< 0.005	—	297
Dust From Material Movement	—	—	—	—	—	0.05	0.05	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.19	0.22	< 0.005	0.01	—	0.01	0.01	—	0.01	—	49.1	49.1	< 0.005	< 0.005	—	49.2
Dust From Material Movement	—	—	—	—	—	0.01	0.01	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	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
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.11	0.07	0.88	0.00	0.00	0.17	0.17	0.00	0.04	0.04	—	166	166	0.01	0.01	0.65	169
Vendor	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
Hauling	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

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	< 0.005	0.05	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	8.49	8.49	< 0.005	< 0.005	0.01	8.63
Vendor	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
Hauling	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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.41	1.41	< 0.005	< 0.005	< 0.005	1.43
Vendor	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
Hauling	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

3.7. Linear, Paving (2027) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.82	7.18	10.8	0.01	0.28	—	0.28	0.26	—	0.26	—	1,619	1,619	0.07	0.01	—	1,625
Onsite truck	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
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.16	0.24	< 0.005	0.01	—	0.01	0.01	—	0.01	—	35.5	35.5	< 0.005	< 0.005	—	35.6

Onsite truck	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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.03	0.04	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	5.88	5.88	< 0.005	< 0.005	—	5.90
Onsite truck	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
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.05	0.64	0.00	0.00	0.12	0.12	0.00	0.03	0.03	—	121	121	< 0.005	0.01	0.47	123
Vendor	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
Hauling	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
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.60	2.60	< 0.005	< 0.005	< 0.005	2.64
Vendor	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
Hauling	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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.43	0.43	< 0.005	< 0.005	< 0.005	0.44
Vendor	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
Hauling	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

3.8. Linear, Paving (2027) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.82	7.18	10.8	0.01	0.28	—	0.28	0.26	—	0.26	—	1,619	1,619	0.07	0.01	—	1,625
Onsite truck	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
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.16	0.24	< 0.005	0.01	—	0.01	0.01	—	0.01	—	35.5	35.5	< 0.005	< 0.005	—	35.6
Onsite truck	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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.03	0.04	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	5.88	5.88	< 0.005	< 0.005	—	5.90
Onsite truck	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
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.05	0.64	0.00	0.00	0.12	0.12	0.00	0.03	0.03	—	121	121	< 0.005	0.01	0.47	123
Vendor	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
Hauling	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
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.60	2.60	< 0.005	< 0.005	< 0.005	2.64

Vendor	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
Hauling	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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.43	0.43	< 0.005	< 0.005	< 0.005	0.44
Vendor	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
Hauling	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

4. Operations Emissions Details

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.5. Above and Belowground Carbon Accumulation by Land Use Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Linear, Grubbing & Land Clearing	Linear, Grubbing & Land Clearing	7/1/2027	7/9/2027	5.00	6.00	—

Linear, Grading & Excavation	Linear, Grading & Excavation	7/10/2027	8/9/2027	5.00	22.0	—
Linear, Drainage, Utilities, & Sub-Grade	Linear, Drainage, Utilities, & Sub-Grade	8/10/2027	9/5/2027	5.00	19.0	—
Linear, Paving	Linear, Paving	9/6/2027	9/17/2027	5.00	8.00	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Linear, Grubbing & Land Clearing	Crawler Tractors	Diesel	Average	1.00	8.00	87.0	0.43
Linear, Grubbing & Land Clearing	Excavators	Diesel	Average	1.00	8.00	36.0	0.38
Linear, Grubbing & Land Clearing	Signal Boards	Electric	Average	1.00	8.00	6.00	0.82
Linear, Grading & Excavation	Crawler Tractors	Diesel	Average	1.00	8.00	87.0	0.43
Linear, Grading & Excavation	Excavators	Diesel	Average	3.00	8.00	36.0	0.38
Linear, Grading & Excavation	Graders	Diesel	Average	1.00	8.00	148	0.41
Linear, Grading & Excavation	Rollers	Diesel	Average	2.00	8.00	36.0	0.38
Linear, Grading & Excavation	Rubber Tired Loaders	Diesel	Average	1.00	8.00	150	0.36
Linear, Grading & Excavation	Scrapers	Diesel	Average	2.00	8.00	423	0.48
Linear, Grading & Excavation	Signal Boards	Electric	Average	1.00	8.00	6.00	0.82
Linear, Grading & Excavation	Tractors/Loaders/Backhoes	Diesel	Average	2.00	8.00	84.0	0.37

Linear, Drainage, Utilities, & Sub-Grade	Air Compressors	Diesel	Average	1.00	8.00	37.0	0.48
Linear, Drainage, Utilities, & Sub-Grade	Generator Sets	Diesel	Average	1.00	8.00	14.0	0.74
Linear, Drainage, Utilities, & Sub-Grade	Graders	Diesel	Average	1.00	8.00	148	0.41
Linear, Drainage, Utilities, & Sub-Grade	Plate Compactors	Diesel	Average	1.00	8.00	8.00	0.43
Linear, Drainage, Utilities, & Sub-Grade	Pumps	Diesel	Average	1.00	8.00	11.0	0.74
Linear, Drainage, Utilities, & Sub-Grade	Rough Terrain Forklifts	Diesel	Average	1.00	8.00	96.0	0.40
Linear, Drainage, Utilities, & Sub-Grade	Scrapers	Diesel	Average	2.00	8.00	423	0.48
Linear, Drainage, Utilities, & Sub-Grade	Signal Boards	Electric	Average	1.00	8.00	6.00	0.82
Linear, Drainage, Utilities, & Sub-Grade	Tractors/Loaders/Backhoes	Diesel	Average	2.00	8.00	84.0	0.37
Linear, Paving	Pavers	Diesel	Average	1.00	8.00	81.0	0.42
Linear, Paving	Paving Equipment	Diesel	Average	1.00	8.00	89.0	0.36
Linear, Paving	Rollers	Diesel	Average	3.00	8.00	36.0	0.38
Linear, Paving	Signal Boards	Electric	Average	1.00	8.00	6.00	0.82
Linear, Paving	Tractors/Loaders/Backhoes	Diesel	Average	2.00	8.00	84.0	0.37

5.2.2. Mitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Linear, Grubbing & Land Clearing	Crawler Tractors	Diesel	Average	1.00	8.00	87.0	0.43
Linear, Grubbing & Land Clearing	Excavators	Diesel	Average	1.00	8.00	36.0	0.38
Linear, Grubbing & Land Clearing	Signal Boards	Electric	Average	1.00	8.00	6.00	0.82

Linear, Grading & Excavation	Crawler Tractors	Diesel	Average	1.00	8.00	87.0	0.43
Linear, Grading & Excavation	Excavators	Diesel	Average	3.00	8.00	36.0	0.38
Linear, Grading & Excavation	Graders	Diesel	Average	1.00	8.00	148	0.41
Linear, Grading & Excavation	Rollers	Diesel	Average	2.00	8.00	36.0	0.38
Linear, Grading & Excavation	Rubber Tired Loaders	Diesel	Average	1.00	8.00	150	0.36
Linear, Grading & Excavation	Scrapers	Diesel	Average	2.00	8.00	423	0.48
Linear, Grading & Excavation	Signal Boards	Electric	Average	1.00	8.00	6.00	0.82
Linear, Grading & Excavation	Tractors/Loaders/Backhoes	Diesel	Average	2.00	8.00	84.0	0.37
Linear, Drainage, Utilities, & Sub-Grade	Air Compressors	Diesel	Average	1.00	8.00	37.0	0.48
Linear, Drainage, Utilities, & Sub-Grade	Generator Sets	Diesel	Average	1.00	8.00	14.0	0.74
Linear, Drainage, Utilities, & Sub-Grade	Graders	Diesel	Average	1.00	8.00	148	0.41
Linear, Drainage, Utilities, & Sub-Grade	Plate Compactors	Diesel	Average	1.00	8.00	8.00	0.43
Linear, Drainage, Utilities, & Sub-Grade	Pumps	Diesel	Average	1.00	8.00	11.0	0.74
Linear, Drainage, Utilities, & Sub-Grade	Rough Terrain Forklifts	Diesel	Average	1.00	8.00	96.0	0.40
Linear, Drainage, Utilities, & Sub-Grade	Scrapers	Diesel	Average	2.00	8.00	423	0.48
Linear, Drainage, Utilities, & Sub-Grade	Signal Boards	Electric	Average	1.00	8.00	6.00	0.82
Linear, Drainage, Utilities, & Sub-Grade	Tractors/Loaders/Backhoes	Diesel	Average	2.00	8.00	84.0	0.37
Linear, Paving	Pavers	Diesel	Average	1.00	8.00	81.0	0.42

Linear, Paving	Paving Equipment	Diesel	Average	1.00	8.00	89.0	0.36
Linear, Paving	Rollers	Diesel	Average	3.00	8.00	36.0	0.38
Linear, Paving	Signal Boards	Electric	Average	1.00	8.00	6.00	0.82
Linear, Paving	Tractors/Loaders/Backhoes	Diesel	Average	2.00	8.00	84.0	0.37

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Linear, Grubbing & Land Clearing	—	—	—	—
Linear, Grubbing & Land Clearing	Worker	7.50	8.80	LDA,LDT1,LDT2
Linear, Grubbing & Land Clearing	Vendor	0.00	5.30	HHDT,MHDT
Linear, Grubbing & Land Clearing	Hauling	0.00	20.0	HHDT
Linear, Grubbing & Land Clearing	Onsite truck	—	—	HHDT
Linear, Grading & Excavation	—	—	—	—
Linear, Grading & Excavation	Worker	32.5	8.80	LDA,LDT1,LDT2
Linear, Grading & Excavation	Vendor	1.00	5.30	HHDT,MHDT
Linear, Grading & Excavation	Hauling	0.00	20.0	HHDT
Linear, Grading & Excavation	Onsite truck	—	—	HHDT
Linear, Drainage, Utilities, & Sub-Grade	—	—	—	—
Linear, Drainage, Utilities, & Sub-Grade	Worker	27.5	8.80	LDA,LDT1,LDT2
Linear, Drainage, Utilities, & Sub-Grade	Vendor	0.00	5.30	HHDT,MHDT
Linear, Drainage, Utilities, & Sub-Grade	Hauling	0.00	20.0	HHDT
Linear, Drainage, Utilities, & Sub-Grade	Onsite truck	—	—	HHDT

Linear, Paving	—	—	—	—
Linear, Paving	Worker	20.0	8.80	LDA,LDT1,LDT2
Linear, Paving	Vendor	0.00	5.30	HHDT,MHDT
Linear, Paving	Hauling	0.00	20.0	HHDT
Linear, Paving	Onsite truck	—	—	HHDT

5.3.2. Mitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Linear, Grubbing & Land Clearing	—	—	—	—
Linear, Grubbing & Land Clearing	Worker	7.50	8.80	LDA,LDT1,LDT2
Linear, Grubbing & Land Clearing	Vendor	0.00	5.30	HHDT,MHDT
Linear, Grubbing & Land Clearing	Hauling	0.00	20.0	HHDT
Linear, Grubbing & Land Clearing	Onsite truck	—	—	HHDT
Linear, Grading & Excavation	—	—	—	—
Linear, Grading & Excavation	Worker	32.5	8.80	LDA,LDT1,LDT2
Linear, Grading & Excavation	Vendor	1.00	5.30	HHDT,MHDT
Linear, Grading & Excavation	Hauling	0.00	20.0	HHDT
Linear, Grading & Excavation	Onsite truck	—	—	HHDT
Linear, Drainage, Utilities, & Sub-Grade	—	—	—	—
Linear, Drainage, Utilities, & Sub-Grade	Worker	27.5	8.80	LDA,LDT1,LDT2
Linear, Drainage, Utilities, & Sub-Grade	Vendor	0.00	5.30	HHDT,MHDT
Linear, Drainage, Utilities, & Sub-Grade	Hauling	0.00	20.0	HHDT
Linear, Drainage, Utilities, & Sub-Grade	Onsite truck	—	—	HHDT
Linear, Paving	—	—	—	—
Linear, Paving	Worker	20.0	8.80	LDA,LDT1,LDT2

Linear, Paving	Vendor	0.00	5.30	HHDT,MHDT
Linear, Paving	Hauling	0.00	20.0	HHDT
Linear, Paving	Onsite truck	—	—	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Non-applicable. No control strategies activated by user.

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (cy)	Material Exported (cy)	Acres Graded (acres)	Material Demolished (sq. ft.)	Acres Paved (acres)
Linear, Grubbing & Land Clearing	—	—	0.50	0.00	—
Linear, Grading & Excavation	—	—	0.50	0.00	—
Linear, Drainage, Utilities, & Sub-Grade	—	—	0.50	0.00	—

5.6.2. Construction Earthmoving Control Strategies

Non-applicable. No control strategies activated by user.

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
Road Construction	0.50	100%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2027	117	9.99	0.03	< 0.005

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

5.18.2.2. Mitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	7.98	annual days of extreme heat
Extreme Precipitation	7.00	annual days with precipitation above 20 mm
Sea Level Rise	0.00	meters of inundation depth
Wildfire	0.00	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	0	0	N/A
Wildfire	1	0	0	N/A

Flooding	N/A	N/A	N/A	N/A
Drought	0	0	0	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	N/A	N/A	N/A	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	1	1	2
Wildfire	1	1	1	2
Flooding	N/A	N/A	N/A	N/A
Drought	1	1	1	2
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	N/A	N/A	N/A	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	20.8
AQ-PM	14.9
AQ-DPM	57.7
Drinking Water	30.9
Lead Risk Housing	60.1
Pesticides	83.2
Toxic Releases	30.5
Traffic	64.3
Effect Indicators	—
CleanUp Sites	63.7
Groundwater	95.7
Haz Waste Facilities/Generators	88.5
Impaired Water Bodies	87.0
Solid Waste	59.2
Sensitive Population	—
Asthma	27.2
Cardio-vascular	35.5
Low Birth Weights	86.5
Socioeconomic Factor Indicators	—
Education	60.9
Housing	50.7
Linguistic	64.1
Poverty	67.2
Unemployment	83.2

7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	59.11715642
Employed	92.12113435
Median HI	52.0980367
Education	—
Bachelor's or higher	50.01924804
High school enrollment	100
Preschool enrollment	77.17182086
Transportation	—
Auto Access	15.29577826
Active commuting	89.31092006
Social	—
2-parent households	12.24175542
Voting	78.62184011
Neighborhood	—
Alcohol availability	15.10329783
Park access	48.44090851
Retail density	80.75195688
Supermarket access	73.73283716
Tree canopy	38.98370332
Housing	—
Homeownership	14.98780957
Housing habitability	21.10868728
Low-inc homeowner severe housing cost burden	7.314256384
Low-inc renter severe housing cost burden	71.89785705

Uncrowded housing	26.43397921
Health Outcomes	—
Insured adults	57.24368023
Arthritis	0.0
Asthma ER Admissions	75.1
High Blood Pressure	0.0
Cancer (excluding skin)	0.0
Asthma	0.0
Coronary Heart Disease	0.0
Chronic Obstructive Pulmonary Disease	0.0
Diagnosed Diabetes	0.0
Life Expectancy at Birth	21.6
Cognitively Disabled	84.2
Physically Disabled	34.8
Heart Attack ER Admissions	90.2
Mental Health Not Good	0.0
Chronic Kidney Disease	0.0
Obesity	0.0
Pedestrian Injuries	69.8
Physical Health Not Good	0.0
Stroke	0.0
Health Risk Behaviors	—
Binge Drinking	0.0
Current Smoker	0.0
No Leisure Time for Physical Activity	0.0
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	65.5

Children	62.5
Elderly	46.6
English Speaking	42.0
Foreign-born	62.0
Outdoor Workers	84.7
Climate Change Adaptive Capacity	—
Impervious Surface Cover	46.3
Traffic Density	54.8
Traffic Access	0.0
Other Indices	—
Hardship	53.2
Other Decision Support	—
2016 Voting	72.7

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	77.0
Healthy Places Index Score for Project Location (b)	67.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	No
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.
b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Construction: Trips and VMT	No vendor trips
Characteristics: Utility Information	Based on applicant provided information

Sywest Industrial Building Project Alt 2 v2 Detailed Report

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1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Sywest Industrial Building Project Alt 2 v2
Construction Start Date	7/1/2027
Operational Year	2028
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.40
Precipitation (days)	24.0
Location	34.42615455718766, -119.82758969616111
County	Santa Barbara
City	Goleta
Air District	Santa Barbara County APCD
Air Basin	South Central Coast
TAZ	3391
EDFZ	8
Electric Utility	Central Coast Community Energy
Gas Utility	Southern California Gas
App Version	2022.1.1.26

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
Unrefrigerated Warehouse-No Rail	70.6	1000sqft	4.39	70,594	106,520	0.00	—	—

Parking Lot	92.0	Space	2.37	0.00	0.00	—	—	—
Other Non-Asphalt Surfaces	4.91	1000sqft	0.11	0.00	0.00	—	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Construction	C-2*	Limit Heavy-Duty Diesel Vehicle Idling
Construction	C-10-A	Water Exposed Surfaces
Construction	C-11	Limit Vehicle Speeds on Unpaved Roads
Energy	E-10-B	Establish Onsite Renewable Energy Systems: Solar Power

* Qualitative or supporting measure. Emission reductions not included in the mitigated emissions results.

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	34.5	28.0	28.8	0.05	1.17	19.8	20.9	1.08	10.1	11.2	—	5,711	5,711	0.27	0.45	4.96	5,858
Mit.	34.5	28.0	28.8	0.05	1.17	7.78	8.95	1.08	3.97	5.04	—	5,711	5,711	0.27	0.45	4.96	5,858
% Reduced	—	—	—	—	—	61%	57%	—	61%	55%	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.70	17.9	19.0	0.04	0.63	7.89	8.52	0.58	3.64	4.23	—	5,710	5,710	0.27	0.45	0.13	5,852
Mit.	1.70	17.9	19.0	0.04	0.63	3.55	4.18	0.58	1.55	2.13	—	5,710	5,710	0.27	0.45	0.13	5,852

% Reduced	—	—	—	—	—	55%	51%	—	57%	50%	—	—	—	—	—	—	—
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	2.41	5.96	6.58	0.01	0.22	1.90	2.12	0.20	0.90	1.10	—	1,612	1,612	0.07	0.09	0.43	1,640
Mit.	2.41	5.96	6.58	0.01	0.22	0.85	1.07	0.20	0.38	0.58	—	1,612	1,612	0.07	0.09	0.43	1,640
% Reduced	—	—	—	—	—	55%	50%	—	58%	47%	—	—	—	—	—	—	—
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.44	1.09	1.20	< 0.005	0.04	0.35	0.39	0.04	0.16	0.20	—	267	267	0.01	0.01	0.07	271
Mit.	0.44	1.09	1.20	< 0.005	0.04	0.15	0.19	0.04	0.07	0.11	—	267	267	0.01	0.01	0.07	271
% Reduced	—	—	—	—	—	55%	50%	—	58%	47%	—	—	—	—	—	—	—

2.2. Construction Emissions by Year, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	3.12	28.0	28.8	0.05	1.17	19.8	20.9	1.08	10.1	11.2	—	5,711	5,711	0.27	0.45	4.96	5,858
2028	34.5	9.28	14.0	0.02	0.30	0.24	0.54	0.28	0.06	0.33	—	2,766	2,766	0.11	0.05	1.04	2,786
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	1.70	17.9	19.0	0.04	0.63	7.89	8.52	0.58	3.64	4.23	—	5,710	5,710	0.27	0.45	0.13	5,852
2028	1.11	9.30	14.0	0.02	0.30	0.24	0.54	0.28	0.06	0.33	—	2,763	2,763	0.11	0.06	0.03	2,782
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	0.62	5.96	6.58	0.01	0.22	1.90	2.12	0.20	0.90	1.10	—	1,612	1,612	0.07	0.09	0.43	1,640

2028	2.41	4.23	6.37	0.01	0.14	0.10	0.24	0.13	0.02	0.15	—	1,232	1,232	0.05	0.02	0.20	1,241
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	0.11	1.09	1.20	< 0.005	0.04	0.35	0.39	0.04	0.16	0.20	—	267	267	0.01	0.01	0.07	271
2028	0.44	0.77	1.16	< 0.005	0.03	0.02	0.04	0.02	< 0.005	0.03	—	204	204	0.01	< 0.005	0.03	205

2.3. Construction Emissions by Year, Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	3.12	28.0	28.8	0.05	1.17	7.78	8.95	1.08	3.97	5.04	—	5,711	5,711	0.27	0.45	4.96	5,858
2028	34.5	9.28	14.0	0.02	0.30	0.24	0.54	0.28	0.06	0.33	—	2,766	2,766	0.11	0.05	1.04	2,786
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	1.70	17.9	19.0	0.04	0.63	3.55	4.18	0.58	1.55	2.13	—	5,710	5,710	0.27	0.45	0.13	5,852
2028	1.11	9.30	14.0	0.02	0.30	0.24	0.54	0.28	0.06	0.33	—	2,763	2,763	0.11	0.06	0.03	2,782
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	0.62	5.96	6.58	0.01	0.22	0.85	1.07	0.20	0.38	0.58	—	1,612	1,612	0.07	0.09	0.43	1,640
2028	2.41	4.23	6.37	0.01	0.14	0.10	0.24	0.13	0.02	0.15	—	1,232	1,232	0.05	0.02	0.20	1,241
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	0.11	1.09	1.20	< 0.005	0.04	0.15	0.19	0.04	0.07	0.11	—	267	267	0.01	0.01	0.07	271
2028	0.44	0.77	1.16	< 0.005	0.03	0.02	0.04	0.02	< 0.005	0.03	—	204	204	0.01	< 0.005	0.03	205

2.4. Operations Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	2.66	1.13	5.98	0.01	0.02	0.87	0.89	0.02	0.22	0.24	70.6	1,510	1,580	3.84	0.19	2.86	1,734
Mit.	2.66	1.13	5.98	0.01	0.02	0.87	0.89	0.02	0.22	0.24	70.6	1,173	1,243	3.77	0.18	2.86	1,393
% Reduced	—	—	—	—	—	—	—	—	—	—	—	22%	21%	2%	5%	—	20%
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	2.16	1.16	3.14	0.01	0.01	0.87	0.88	0.01	0.22	0.23	70.6	1,485	1,555	3.84	0.19	0.07	1,707
Mit.	2.16	1.16	3.14	0.01	0.01	0.87	0.88	0.01	0.22	0.23	70.6	1,148	1,219	3.77	0.18	0.07	1,366
% Reduced	—	—	—	—	—	—	—	—	—	—	—	23%	22%	2%	5%	—	20%
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	2.34	1.00	4.10	0.01	0.01	0.73	0.75	0.01	0.19	0.20	70.6	1,339	1,410	3.83	0.17	1.06	1,558
Mit.	2.34	1.00	4.10	0.01	0.01	0.73	0.75	0.01	0.19	0.20	70.6	1,002	1,073	3.76	0.16	1.06	1,217
% Reduced	—	—	—	—	—	—	—	—	—	—	—	25%	24%	2%	5%	—	22%
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.43	0.18	0.75	< 0.005	< 0.005	0.13	0.14	< 0.005	0.03	0.04	11.7	222	233	0.63	0.03	0.18	258
Mit.	0.43	0.18	0.75	< 0.005	< 0.005	0.13	0.14	< 0.005	0.03	0.04	11.7	166	178	0.62	0.03	0.18	201
% Reduced	—	—	—	—	—	—	—	—	—	—	—	25%	24%	2%	5%	—	22%

2.5. Operations Emissions by Sector, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Sector	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.45	1.07	2.88	0.01	0.01	0.87	0.88	0.01	0.22	0.23	—	1,075	1,075	0.06	0.10	2.86	1,109
Area	2.21	0.03	3.07	< 0.005	0.01	—	0.01	< 0.005	—	< 0.005	—	12.6	12.6	< 0.005	< 0.005	—	12.7
Energy	< 0.005	0.04	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	382	382	0.07	0.01	—	386
Water	—	—	—	—	—	—	—	—	—	—	34.9	40.3	75.2	0.13	0.08	—	101
Waste	—	—	—	—	—	—	—	—	—	—	35.8	0.00	35.8	3.57	0.00	—	125
Total	2.66	1.13	5.98	0.01	0.02	0.87	0.89	0.02	0.22	0.24	70.6	1,510	1,580	3.84	0.19	2.86	1,734
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.45	1.12	3.11	0.01	0.01	0.87	0.88	0.01	0.22	0.23	—	1,063	1,063	0.06	0.10	0.07	1,095
Area	1.71	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	< 0.005	0.04	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	382	382	0.07	0.01	—	386
Water	—	—	—	—	—	—	—	—	—	—	34.9	40.3	75.2	0.13	0.08	—	101
Waste	—	—	—	—	—	—	—	—	—	—	35.8	0.00	35.8	3.57	0.00	—	125
Total	2.16	1.16	3.14	0.01	0.01	0.87	0.88	0.01	0.22	0.23	70.6	1,485	1,555	3.84	0.19	0.07	1,707
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.38	0.95	2.56	0.01	0.01	0.73	0.74	0.01	0.19	0.20	—	911	911	0.05	0.09	1.06	939
Area	1.96	0.01	1.51	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	6.23	6.23	< 0.005	< 0.005	—	6.25
Energy	< 0.005	0.04	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	382	382	0.07	0.01	—	386
Water	—	—	—	—	—	—	—	—	—	—	34.9	40.3	75.2	0.13	0.08	—	101
Waste	—	—	—	—	—	—	—	—	—	—	35.8	0.00	35.8	3.57	0.00	—	125
Total	2.34	1.00	4.10	0.01	0.01	0.73	0.75	0.01	0.19	0.20	70.6	1,339	1,410	3.83	0.17	1.06	1,558
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.07	0.17	0.47	< 0.005	< 0.005	0.13	0.14	< 0.005	0.03	0.04	—	151	151	0.01	0.01	0.18	156
Area	0.36	< 0.005	0.28	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.03	1.03	< 0.005	< 0.005	—	1.03
Energy	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	63.2	63.2	0.01	< 0.005	—	63.9

Water	—	—	—	—	—	—	—	—	—	—	5.78	6.67	12.4	0.02	0.01	—	16.8
Waste	—	—	—	—	—	—	—	—	—	—	5.92	0.00	5.92	0.59	0.00	—	20.7
Total	0.43	0.18	0.75	< 0.005	< 0.005	0.13	0.14	< 0.005	0.03	0.04	11.7	222	233	0.63	0.03	0.18	258

2.6. Operations Emissions by Sector, Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Sector	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.45	1.07	2.88	0.01	0.01	0.87	0.88	0.01	0.22	0.23	—	1,075	1,075	0.06	0.10	2.86	1,109
Area	2.21	0.03	3.07	< 0.005	0.01	—	0.01	< 0.005	—	< 0.005	—	12.6	12.6	< 0.005	< 0.005	—	12.7
Energy	< 0.005	0.04	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	44.7	44.7	< 0.005	< 0.005	—	44.8
Water	—	—	—	—	—	—	—	—	—	—	34.9	40.3	75.2	0.13	0.08	—	101
Waste	—	—	—	—	—	—	—	—	—	—	35.8	0.00	35.8	3.57	0.00	—	125
Total	2.66	1.13	5.98	0.01	0.02	0.87	0.89	0.02	0.22	0.24	70.6	1,173	1,243	3.77	0.18	2.86	1,393
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.45	1.12	3.11	0.01	0.01	0.87	0.88	0.01	0.22	0.23	—	1,063	1,063	0.06	0.10	0.07	1,095
Area	1.71	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	< 0.005	0.04	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	44.7	44.7	< 0.005	< 0.005	—	44.8
Water	—	—	—	—	—	—	—	—	—	—	34.9	40.3	75.2	0.13	0.08	—	101
Waste	—	—	—	—	—	—	—	—	—	—	35.8	0.00	35.8	3.57	0.00	—	125
Total	2.16	1.16	3.14	0.01	0.01	0.87	0.88	0.01	0.22	0.23	70.6	1,148	1,219	3.77	0.18	0.07	1,366
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.38	0.95	2.56	0.01	0.01	0.73	0.74	0.01	0.19	0.20	—	911	911	0.05	0.09	1.06	939
Area	1.96	0.01	1.51	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	6.23	6.23	< 0.005	< 0.005	—	6.25
Energy	< 0.005	0.04	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	44.7	44.7	< 0.005	< 0.005	—	44.8

Water	—	—	—	—	—	—	—	—	—	—	34.9	40.3	75.2	0.13	0.08	—	101
Waste	—	—	—	—	—	—	—	—	—	—	35.8	0.00	35.8	3.57	0.00	—	125
Total	2.34	1.00	4.10	0.01	0.01	0.73	0.75	0.01	0.19	0.20	70.6	1,002	1,073	3.76	0.16	1.06	1,217
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.07	0.17	0.47	< 0.005	< 0.005	0.13	0.14	< 0.005	0.03	0.04	—	151	151	0.01	0.01	0.18	156
Area	0.36	< 0.005	0.28	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.03	1.03	< 0.005	< 0.005	—	1.03
Energy	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	7.40	7.40	< 0.005	< 0.005	—	7.42
Water	—	—	—	—	—	—	—	—	—	—	5.78	6.67	12.4	0.02	0.01	—	16.8
Waste	—	—	—	—	—	—	—	—	—	—	5.92	0.00	5.92	0.59	0.00	—	20.7
Total	0.43	0.18	0.75	< 0.005	< 0.005	0.13	0.14	< 0.005	0.03	0.04	11.7	166	178	0.62	0.03	0.18	201

3. Construction Emissions Details

3.1. Demolition (2027) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.21	19.9	18.6	0.03	0.80	—	0.80	0.73	—	0.73	—	3,427	3,427	0.14	0.03	—	3,439
Demolition	—	—	—	—	—	0.18	0.18	—	0.03	0.03	—	—	—	—	—	—	—
Onsite truck	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
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.12	1.09	1.02	< 0.005	0.04	—	0.04	0.04	—	0.04	—	188	188	0.01	< 0.005	—	188
Demolition	—	—	—	—	—	0.01	0.01	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.20	0.19	< 0.005	0.01	—	0.01	0.01	—	0.01	—	31.1	31.1	< 0.005	< 0.005	—	31.2
Demolition	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	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
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.04	0.48	0.00	0.00	0.09	0.09	0.00	0.02	0.02	—	90.7	90.7	< 0.005	< 0.005	0.36	92.4
Vendor	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
Hauling	< 0.005	0.19	0.07	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	143	143	0.01	0.02	0.25	150
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	4.87	4.87	< 0.005	< 0.005	0.01	4.96
Vendor	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
Hauling	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	7.84	7.84	< 0.005	< 0.005	0.01	8.23
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.81	0.81	< 0.005	< 0.005	< 0.005	0.82
Vendor	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
Hauling	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.30	1.30	< 0.005	< 0.005	< 0.005	1.36

3.2. Demolition (2027) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.21	19.9	18.6	0.03	0.80	—	0.80	0.73	—	0.73	—	3,427	3,427	0.14	0.03	—	3,439
Demolition	—	—	—	—	—	0.18	0.18	—	0.03	0.03	—	—	—	—	—	—	—
Onsite truck	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
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.12	1.09	1.02	< 0.005	0.04	—	0.04	0.04	—	0.04	—	188	188	0.01	< 0.005	—	188
Demolition	—	—	—	—	—	0.01	0.01	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.20	0.19	< 0.005	0.01	—	0.01	0.01	—	0.01	—	31.1	31.1	< 0.005	< 0.005	—	31.2
Demolition	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	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
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.04	0.48	0.00	0.00	0.09	0.09	0.00	0.02	0.02	—	90.7	90.7	< 0.005	< 0.005	0.36	92.4
Vendor	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
Hauling	< 0.005	0.19	0.07	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	143	143	0.01	0.02	0.25	150
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	4.87	4.87	< 0.005	< 0.005	0.01	4.96
Vendor	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
Hauling	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	7.84	7.84	< 0.005	< 0.005	0.01	8.23
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.81	0.81	< 0.005	< 0.005	< 0.005	0.82
Vendor	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
Hauling	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.30	1.30	< 0.005	< 0.005	< 0.005	1.36

3.3. Site Preparation (2027) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.05	28.0	28.3	0.05	1.17	—	1.17	1.08	—	1.08	—	5,298	5,298	0.21	0.04	—	5,316
Dust From Material Movement	—	—	—	—	—	19.7	19.7	—	10.1	10.1	—	—	—	—	—	—	—

Onsite truck	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
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.08	0.77	0.77	< 0.005	0.03	—	0.03	0.03	—	0.03	—	145	145	0.01	< 0.005	—	146
Dust From Material Movement	—	—	—	—	—	0.54	0.54	—	0.28	0.28	—	—	—	—	—	—	—
Onsite truck	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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.14	0.14	< 0.005	0.01	—	0.01	0.01	—	0.01	—	24.0	24.0	< 0.005	< 0.005	—	24.1
Dust From Material Movement	—	—	—	—	—	0.10	0.10	—	0.05	0.05	—	—	—	—	—	—	—
Onsite truck	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
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.05	0.56	0.00	0.00	0.11	0.11	0.00	0.03	0.03	—	106	106	< 0.005	< 0.005	0.42	108
Vendor	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
Hauling	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
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.84	2.84	< 0.005	< 0.005	< 0.005	2.89
Vendor	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
Hauling	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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.47	0.47	< 0.005	< 0.005	< 0.005	0.48
Vendor	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
Hauling	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

3.4. Site Preparation (2027) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.05	28.0	28.3	0.05	1.17	—	1.17	1.08	—	1.08	—	5,298	5,298	0.21	0.04	—	5,316
Dust From Material Movement	—	—	—	—	—	7.67	7.67	—	3.94	3.94	—	—	—	—	—	—	—
Onsite truck	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
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.08	0.77	0.77	< 0.005	0.03	—	0.03	0.03	—	0.03	—	145	145	0.01	< 0.005	—	146

Dust From Material Movement	—	—	—	—	—	0.21	0.21	—	0.11	0.11	—	—	—	—	—	—	—
Onsite truck	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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.14	0.14	< 0.005	0.01	—	0.01	0.01	—	0.01	—	24.0	24.0	< 0.005	< 0.005	—	24.1
Dust From Material Movement	—	—	—	—	—	0.04	0.04	—	0.02	0.02	—	—	—	—	—	—	—
Onsite truck	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
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.05	0.56	0.00	0.00	0.11	0.11	0.00	0.03	0.03	—	106	106	< 0.005	< 0.005	0.42	108
Vendor	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
Hauling	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
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.84	2.84	< 0.005	< 0.005	< 0.005	2.89
Vendor	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
Hauling	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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.47	0.47	< 0.005	< 0.005	< 0.005	0.48
Vendor	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
Hauling	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

3.5. Grading (2027) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.59	14.2	17.3	0.03	0.60	—	0.60	0.55	—	0.55	—	2,960	2,960	0.12	0.02	—	2,970
Dust From Material Movement	—	—	—	—	—	7.11	7.11	—	3.43	3.43	—	—	—	—	—	—	—
Onsite truck	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
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.59	14.2	17.3	0.03	0.60	—	0.60	0.55	—	0.55	—	2,960	2,960	0.12	0.02	—	2,970
Dust From Material Movement	—	—	—	—	—	7.11	7.11	—	3.43	3.43	—	—	—	—	—	—	—
Onsite truck	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
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.27	2.38	2.89	< 0.005	0.10	—	0.10	0.09	—	0.09	—	495	495	0.02	< 0.005	—	496
Dust From Material Movement	—	—	—	—	—	1.19	1.19	—	0.57	0.57	—	—	—	—	—	—	—

Onsite truck	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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.43	0.53	< 0.005	0.02	—	0.02	0.02	—	0.02	—	81.9	81.9	< 0.005	< 0.005	—	82.2
Dust From Material Movement	—	—	—	—	—	0.22	0.22	—	0.10	0.10	—	—	—	—	—	—	—
Onsite truck	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
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.04	0.48	0.00	0.00	0.09	0.09	0.00	0.02	0.02	—	90.7	90.7	< 0.005	< 0.005	0.36	92.4
Vendor	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
Hauling	0.06	3.55	1.22	0.02	0.03	0.68	0.71	0.03	0.19	0.22	—	2,661	2,661	0.14	0.42	4.60	2,795
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.04	0.50	0.00	0.00	0.09	0.09	0.00	0.02	0.02	—	88.9	88.9	< 0.005	< 0.005	0.01	90.2
Vendor	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
Hauling	0.05	3.66	1.24	0.02	0.03	0.68	0.71	0.03	0.19	0.22	—	2,661	2,661	0.14	0.42	0.12	2,792
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.08	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	14.9	14.9	< 0.005	< 0.005	0.03	15.1
Vendor	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
Hauling	0.01	0.61	0.21	< 0.005	0.01	0.11	0.12	0.01	0.03	0.04	—	445	445	0.02	0.07	0.33	467
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.46	2.46	< 0.005	< 0.005	< 0.005	2.50
Vendor	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

Hauling	< 0.005	0.11	0.04	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	73.6	73.6	< 0.005	0.01	0.06	77.3

3.6. Grading (2027) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.59	14.2	17.3	0.03	0.60	—	0.60	0.55	—	0.55	—	2,960	2,960	0.12	0.02	—	2,970
Dust From Material Movement	—	—	—	—	—	2.77	2.77	—	1.34	1.34	—	—	—	—	—	—	—
Onsite truck	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
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.59	14.2	17.3	0.03	0.60	—	0.60	0.55	—	0.55	—	2,960	2,960	0.12	0.02	—	2,970
Dust From Material Movement	—	—	—	—	—	2.77	2.77	—	1.34	1.34	—	—	—	—	—	—	—
Onsite truck	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
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.27	2.38	2.89	< 0.005	0.10	—	0.10	0.09	—	0.09	—	495	495	0.02	< 0.005	—	496

Dust From Material Movement	—	—	—	—	—	0.46	0.46	—	0.22	0.22	—	—	—	—	—	—	—
Onsite truck	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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.43	0.53	< 0.005	0.02	—	0.02	0.02	—	0.02	—	81.9	81.9	< 0.005	< 0.005	—	82.2
Dust From Material Movement	—	—	—	—	—	0.08	0.08	—	0.04	0.04	—	—	—	—	—	—	—
Onsite truck	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
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.04	0.48	0.00	0.00	0.09	0.09	0.00	0.02	0.02	—	90.7	90.7	< 0.005	< 0.005	0.36	92.4
Vendor	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
Hauling	0.06	3.55	1.22	0.02	0.03	0.68	0.71	0.03	0.19	0.22	—	2,661	2,661	0.14	0.42	4.60	2,795
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.04	0.50	0.00	0.00	0.09	0.09	0.00	0.02	0.02	—	88.9	88.9	< 0.005	< 0.005	0.01	90.2
Vendor	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
Hauling	0.05	3.66	1.24	0.02	0.03	0.68	0.71	0.03	0.19	0.22	—	2,661	2,661	0.14	0.42	0.12	2,792
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.08	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	14.9	14.9	< 0.005	< 0.005	0.03	15.1
Vendor	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
Hauling	0.01	0.61	0.21	< 0.005	0.01	0.11	0.12	0.01	0.03	0.04	—	445	445	0.02	0.07	0.33	467
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.46	2.46	< 0.005	< 0.005	< 0.005	2.50
Vendor	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
Hauling	< 0.005	0.11	0.04	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	73.6	73.6	< 0.005	0.01	0.06	77.3

3.7. Building Construction (2027) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.03	9.39	12.9	0.02	0.34	—	0.34	0.31	—	0.31	—	2,397	2,397	0.10	0.02	—	2,405
Onsite truck	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
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.11	1.05	1.44	< 0.005	0.04	—	0.04	0.03	—	0.03	—	267	267	0.01	< 0.005	—	268
Onsite truck	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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.19	0.26	< 0.005	0.01	—	0.01	0.01	—	0.01	—	44.3	44.3	< 0.005	< 0.005	—	44.4
Onsite truck	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
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.12	0.09	0.98	0.00	0.00	0.18	0.18	0.00	0.04	0.04	—	176	176	0.01	0.01	0.02	178
Vendor	0.01	0.31	0.14	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.02	—	198	198	0.01	0.03	0.01	206
Hauling	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
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.11	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	19.6	19.6	< 0.005	< 0.005	0.03	19.9
Vendor	< 0.005	0.03	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	22.0	22.0	< 0.005	< 0.005	0.02	23.0
Hauling	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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.25	3.25	< 0.005	< 0.005	0.01	3.30
Vendor	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.65	3.65	< 0.005	< 0.005	< 0.005	3.81
Hauling	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

3.8. Building Construction (2027) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.03	9.39	12.9	0.02	0.34	—	0.34	0.31	—	0.31	—	2,397	2,397	0.10	0.02	—	2,405
Onsite truck	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
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.11	1.05	1.44	< 0.005	0.04	—	0.04	0.03	—	0.03	—	267	267	0.01	< 0.005	—	268
Onsite truck	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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.19	0.26	< 0.005	0.01	—	0.01	0.01	—	0.01	—	44.3	44.3	< 0.005	< 0.005	—	44.4
Onsite truck	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
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.12	0.09	0.98	0.00	0.00	0.18	0.18	0.00	0.04	0.04	—	176	176	0.01	0.01	0.02	178
Vendor	0.01	0.31	0.14	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.02	—	198	198	0.01	0.03	0.01	206
Hauling	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
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.11	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	19.6	19.6	< 0.005	< 0.005	0.03	19.9
Vendor	< 0.005	0.03	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	22.0	22.0	< 0.005	< 0.005	0.02	23.0
Hauling	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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.25	3.25	< 0.005	< 0.005	0.01	3.30
Vendor	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.65	3.65	< 0.005	< 0.005	< 0.005	3.81
Hauling	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

3.9. Building Construction (2028) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.99	8.92	12.9	0.02	0.30	—	0.30	0.28	—	0.28	—	2,397	2,397	0.10	0.02	—	2,406
Onsite truck	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
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.99	8.92	12.9	0.02	0.30	—	0.30	0.28	—	0.28	—	2,397	2,397	0.10	0.02	—	2,406
Onsite truck	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
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.41	3.67	5.32	0.01	0.12	—	0.12	0.11	—	0.11	—	985	985	0.04	0.01	—	989
Onsite truck	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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07	0.67	0.97	< 0.005	0.02	—	0.02	0.02	—	0.02	—	163	163	0.01	< 0.005	—	164
Onsite truck	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
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.11	0.07	0.89	0.00	0.00	0.18	0.18	0.00	0.04	0.04	—	176	176	0.01	0.01	0.65	179
Vendor	0.01	0.28	0.13	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.02	—	193	193	0.01	0.03	0.39	201
Hauling	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

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.11	0.08	0.92	0.00	0.00	0.18	0.18	0.00	0.04	0.04	—	172	172	0.01	0.01	0.02	175
Vendor	0.01	0.29	0.13	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.02	—	193	193	0.01	0.03	0.01	201
Hauling	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
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.03	0.37	0.00	0.00	0.07	0.07	0.00	0.02	0.02	—	71.0	71.0	< 0.005	< 0.005	0.11	72.2
Vendor	< 0.005	0.12	0.05	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	79.2	79.2	< 0.005	0.01	0.07	82.7
Hauling	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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.07	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	11.7	11.7	< 0.005	< 0.005	0.02	11.9
Vendor	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	13.1	13.1	< 0.005	< 0.005	0.01	13.7
Hauling	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

3.10. Building Construction (2028) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.99	8.92	12.9	0.02	0.30	—	0.30	0.28	—	0.28	—	2,397	2,397	0.10	0.02	—	2,406
Onsite truck	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
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.99	8.92	12.9	0.02	0.30	—	0.30	0.28	—	0.28	—	2,397	2,397	0.10	0.02	—	2,406

Onsite truck	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
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.41	3.67	5.32	0.01	0.12	—	0.12	0.11	—	0.11	—	985	985	0.04	0.01	—	989
Onsite truck	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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07	0.67	0.97	< 0.005	0.02	—	0.02	0.02	—	0.02	—	163	163	0.01	< 0.005	—	164
Onsite truck	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
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.11	0.07	0.89	0.00	0.00	0.18	0.18	0.00	0.04	0.04	—	176	176	0.01	0.01	0.65	179
Vendor	0.01	0.28	0.13	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.02	—	193	193	0.01	0.03	0.39	201
Hauling	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
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.11	0.08	0.92	0.00	0.00	0.18	0.18	0.00	0.04	0.04	—	172	172	0.01	0.01	0.02	175
Vendor	0.01	0.29	0.13	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.02	—	193	193	0.01	0.03	0.01	201
Hauling	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
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.03	0.37	0.00	0.00	0.07	0.07	0.00	0.02	0.02	—	71.0	71.0	< 0.005	< 0.005	0.11	72.2
Vendor	< 0.005	0.12	0.05	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	79.2	79.2	< 0.005	0.01	0.07	82.7
Hauling	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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.01	0.01	0.07	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	11.7	11.7	< 0.005	< 0.005	0.02	11.9
Vendor	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	13.1	13.1	< 0.005	< 0.005	0.01	13.7
Hauling	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

3.11. Paving (2028) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.69	6.63	9.91	0.01	0.26	—	0.26	0.24	—	0.24	—	1,511	1,511	0.06	0.01	—	1,516
Paving	0.31	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	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
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.36	0.54	< 0.005	0.01	—	0.01	0.01	—	0.01	—	82.8	82.8	< 0.005	< 0.005	—	83.1
Paving	0.02	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.07	0.10	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	13.7	13.7	< 0.005	< 0.005	—	13.8
Paving	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	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

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.04	0.45	0.00	0.00	0.09	0.09	0.00	0.02	0.02	—	89.1	89.1	< 0.005	< 0.005	0.33	90.6
Vendor	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
Hauling	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
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.02	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	4.79	4.79	< 0.005	< 0.005	0.01	4.87
Vendor	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
Hauling	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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.79	0.79	< 0.005	< 0.005	< 0.005	0.81
Vendor	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
Hauling	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

3.12. Paving (2028) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.69	6.63	9.91	0.01	0.26	—	0.26	0.24	—	0.24	—	1,511	1,511	0.06	0.01	—	1,516
Paving	0.31	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	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
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.36	0.54	< 0.005	0.01	—	0.01	0.01	—	0.01	—	82.8	82.8	< 0.005	< 0.005	—	83.1
Paving	0.02	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.07	0.10	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	13.7	13.7	< 0.005	< 0.005	—	13.8
Paving	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	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
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.04	0.45	0.00	0.00	0.09	0.09	0.00	0.02	0.02	—	89.1	89.1	< 0.005	< 0.005	0.33	90.6
Vendor	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
Hauling	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
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.02	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	4.79	4.79	< 0.005	< 0.005	0.01	4.87
Vendor	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
Hauling	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

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.79	0.79	< 0.005	< 0.005	< 0.005	0.81
Vendor	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
Hauling	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

3.13. Architectural Coating (2028) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.11	0.81	1.12	< 0.005	0.02	—	0.02	0.01	—	0.01	—	134	134	0.01	< 0.005	—	134
Architectural Coatings	34.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	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
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.04	0.06	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	7.32	7.32	< 0.005	< 0.005	—	7.34
Architectural Coatings	1.88	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.21	1.21	< 0.005	< 0.005	—	1.22
Architectural Coatings	0.34	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	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
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.01	0.18	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	35.2	35.2	< 0.005	< 0.005	0.13	35.8
Vendor	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
Hauling	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
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.89	1.89	< 0.005	< 0.005	< 0.005	1.92
Vendor	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
Hauling	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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.31	0.31	< 0.005	< 0.005	< 0.005	0.32
Vendor	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
Hauling	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

3.14. Architectural Coating (2028) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.11	0.81	1.12	< 0.005	0.02	—	0.02	0.01	—	0.01	—	134	134	0.01	< 0.005	—	134
Architectural Coatings	34.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	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
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.04	0.06	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	7.32	7.32	< 0.005	< 0.005	—	7.34
Architectural Coatings	1.88	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.21	1.21	< 0.005	< 0.005	—	1.22
Architectural Coatings	0.34	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	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
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.01	0.18	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	35.2	35.2	< 0.005	< 0.005	0.13	35.8

Vendor	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
Hauling	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
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.89	1.89	< 0.005	< 0.005	< 0.005	1.92
Vendor	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
Hauling	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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.31	0.31	< 0.005	< 0.005	< 0.005	0.32
Vendor	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
Hauling	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

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.45	1.07	2.88	0.01	0.01	0.87	0.88	0.01	0.22	0.23	—	1,075	1,075	0.06	0.10	2.86	1,109

Parking Lot	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
Other Non-Asphalt Surfaces	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
Total	0.45	1.07	2.88	0.01	0.01	0.87	0.88	0.01	0.22	0.23	—	1,075	1,075	0.06	0.10	2.86	1,109
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.45	1.12	3.11	0.01	0.01	0.87	0.88	0.01	0.22	0.23	—	1,063	1,063	0.06	0.10	0.07	1,095
Parking Lot	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
Other Non-Asphalt Surfaces	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
Total	0.45	1.12	3.11	0.01	0.01	0.87	0.88	0.01	0.22	0.23	—	1,063	1,063	0.06	0.10	0.07	1,095
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.07	0.17	0.47	< 0.005	< 0.005	0.13	0.14	< 0.005	0.03	0.04	—	151	151	0.01	0.01	0.18	156
Parking Lot	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
Other Non-Asphalt Surfaces	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
Total	0.07	0.17	0.47	< 0.005	< 0.005	0.13	0.14	< 0.005	0.03	0.04	—	151	151	0.01	0.01	0.18	156

4.1.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.45	1.07	2.88	0.01	0.01	0.87	0.88	0.01	0.22	0.23	—	1,075	1,075	0.06	0.10	2.86	1,109
Parking Lot	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
Other Non-Asphalt Surfaces	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
Total	0.45	1.07	2.88	0.01	0.01	0.87	0.88	0.01	0.22	0.23	—	1,075	1,075	0.06	0.10	2.86	1,109
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.45	1.12	3.11	0.01	0.01	0.87	0.88	0.01	0.22	0.23	—	1,063	1,063	0.06	0.10	0.07	1,095
Parking Lot	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
Other Non-Asphalt Surfaces	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
Total	0.45	1.12	3.11	0.01	0.01	0.87	0.88	0.01	0.22	0.23	—	1,063	1,063	0.06	0.10	0.07	1,095
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.07	0.17	0.47	< 0.005	< 0.005	0.13	0.14	< 0.005	0.03	0.04	—	151	151	0.01	0.01	0.18	156

Parking Lot	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
Other Non-Asphalt Surfaces	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
Total	0.07	0.17	0.47	< 0.005	< 0.005	0.13	0.14	< 0.005	0.03	0.04	—	151	151	0.01	0.01	0.18	156

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	298	298	0.06	0.01	—	302
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	39.0	39.0	0.01	< 0.005	—	39.5
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	337	337	0.07	0.01	—	341
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	298	298	0.06	0.01	—	302

Parking Lot	—	—	—	—	—	—	—	—	—	—	—	39.0	39.0	0.01	< 0.005	—	39.5
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	337	337	0.07	0.01	—	341
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	49.3	49.3	0.01	< 0.005	—	49.9
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	6.46	6.46	< 0.005	< 0.005	—	6.55
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	55.8	55.8	0.01	< 0.005	—	56.5

4.2.2. Electricity Emissions By Land Use - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00

Total	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Unrefrige Warehouse-No Rail	< 0.005	0.04	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	44.7	44.7	< 0.005	< 0.005	—	44.8
Parking Lot	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
Other Non-Asphalt Surfaces	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
Total	< 0.005	0.04	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	44.7	44.7	< 0.005	< 0.005	—	44.8
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	< 0.005	0.04	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	44.7	44.7	< 0.005	< 0.005	—	44.8
Parking Lot	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
Other Non-Asphalt Surfaces	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
Total	< 0.005	0.04	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	44.7	44.7	< 0.005	< 0.005	—	44.8
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	7.40	7.40	< 0.005	< 0.005	—	7.42
Parking Lot	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
Other Non-Asphalt Surfaces	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
Total	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	7.40	7.40	< 0.005	< 0.005	—	7.42

4.2.4. Natural Gas Emissions By Land Use - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	< 0.005	0.04	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	44.7	44.7	< 0.005	< 0.005	—	44.8
Parking Lot	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
Other Non-Asphalt Surfaces	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
Total	< 0.005	0.04	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	44.7	44.7	< 0.005	< 0.005	—	44.8
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	< 0.005	0.04	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	44.7	44.7	< 0.005	< 0.005	—	44.8
Parking Lot	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
Other Non-Asphalt Surfaces	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
Total	< 0.005	0.04	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	44.7	44.7	< 0.005	< 0.005	—	44.8
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Unrefrigerated Warehouse-No	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	7.40	7.40	< 0.005	< 0.005	—	7.42
Parking Lot	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
Other Non-Asphalt Surfaces	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
Total	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	7.40	7.40	< 0.005	< 0.005	—	7.42

4.3. Area Emissions by Source

4.3.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Source	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	1.52	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.19	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.50	0.03	3.07	< 0.005	0.01	—	0.01	< 0.005	—	< 0.005	—	12.6	12.6	< 0.005	< 0.005	—	12.7
Total	2.21	0.03	3.07	< 0.005	0.01	—	0.01	< 0.005	—	< 0.005	—	12.6	12.6	< 0.005	< 0.005	—	12.7
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Consumer Products	1.52	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.19	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	1.71	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	0.28	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.03	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.05	< 0.005	0.28	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.03	1.03	< 0.005	< 0.005	—	1.03
Total	0.36	< 0.005	0.28	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.03	1.03	< 0.005	< 0.005	—	1.03

4.3.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Source	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	1.52	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.19	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.50	0.03	3.07	< 0.005	0.01	—	0.01	< 0.005	—	< 0.005	—	12.6	12.6	< 0.005	< 0.005	—	12.7

Total	2.21	0.03	3.07	< 0.005	0.01	—	0.01	< 0.005	—	< 0.005	—	12.6	12.6	< 0.005	< 0.005	—	12.7
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	1.52	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.19	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	1.71	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	0.28	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.03	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.05	< 0.005	0.28	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.03	1.03	< 0.005	< 0.005	—	1.03
Total	0.36	< 0.005	0.28	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.03	1.03	< 0.005	< 0.005	—	1.03

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Unrefrigerated Warehou Rail	—	—	—	—	—	—	—	—	—	—	34.9	40.3	75.2	0.13	0.08	—	101
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	34.9	40.3	75.2	0.13	0.08	—	101
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	34.9	40.3	75.2	0.13	0.08	—	101
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	34.9	40.3	75.2	0.13	0.08	—	101
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	5.78	6.67	12.4	0.02	0.01	—	16.8
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	5.78	6.67	12.4	0.02	0.01	—	16.8

4.4.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	34.9	40.3	75.2	0.13	0.08	—	101
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	34.9	40.3	75.2	0.13	0.08	—	101
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	34.9	40.3	75.2	0.13	0.08	—	101
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	34.9	40.3	75.2	0.13	0.08	—	101
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Unrefrigerated Warehouse-No	—	—	—	—	—	—	—	—	—	—	5.78	6.67	12.4	0.02	0.01	—	16.8
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	5.78	6.67	12.4	0.02	0.01	—	16.8

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	35.8	0.00	35.8	3.57	0.00	—	125
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	35.8	0.00	35.8	3.57	0.00	—	125
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Unrefrigerated	—	—	—	—	—	—	—	—	—	—	35.8	0.00	35.8	3.57	0.00	—	125
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	35.8	0.00	35.8	3.57	0.00	—	125
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	5.92	0.00	5.92	0.59	0.00	—	20.7
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	5.92	0.00	5.92	0.59	0.00	—	20.7

4.5.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	35.8	0.00	35.8	3.57	0.00	—	125
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00

Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	35.8	0.00	35.8	3.57	0.00	—	125
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	35.8	0.00	35.8	3.57	0.00	—	125
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	35.8	0.00	35.8	3.57	0.00	—	125
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	5.92	0.00	5.92	0.59	0.00	—	20.7
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	5.92	0.00	5.92	0.59	0.00	—	20.7

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.6.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipme Type	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.7.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.8.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.9.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.5. Above and Belowground Carbon Accumulation by Land Use Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Demolition	Demolition	7/1/2027	7/28/2027	5.00	20.0	—
Site Preparation	Site Preparation	7/29/2027	8/11/2027	5.00	10.0	—
Grading	Grading	8/12/2027	11/4/2027	5.00	61.0	—
Building Construction	Building Construction	11/5/2027	7/28/2028	5.00	191	—
Paving	Paving	7/29/2028	8/25/2028	5.00	20.0	—
Architectural Coating	Architectural Coating	8/26/2028	9/22/2028	5.00	20.0	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor

Demolition	Concrete/Industrial Saws	Diesel	Average	1.00	8.00	33.0	0.73
Demolition	Excavators	Diesel	Average	3.00	8.00	36.0	0.38
Demolition	Rubber Tired Dozers	Diesel	Average	2.00	8.00	367	0.40
Site Preparation	Rubber Tired Dozers	Diesel	Average	3.00	8.00	367	0.40
Site Preparation	Tractors/Loaders/Backhoes	Diesel	Average	4.00	8.00	84.0	0.37
Grading	Excavators	Diesel	Average	1.00	8.00	36.0	0.38
Grading	Graders	Diesel	Average	1.00	8.00	148	0.41
Grading	Rubber Tired Dozers	Diesel	Average	1.00	8.00	367	0.40
Grading	Tractors/Loaders/Backhoes	Diesel	Average	3.00	8.00	84.0	0.37
Building Construction	Cranes	Diesel	Average	1.00	7.00	367	0.29
Building Construction	Forklifts	Diesel	Average	3.00	8.00	82.0	0.20
Building Construction	Generator Sets	Diesel	Average	1.00	8.00	14.0	0.74
Building Construction	Tractors/Loaders/Backhoes	Diesel	Average	3.00	7.00	84.0	0.37
Building Construction	Welders	Diesel	Average	1.00	8.00	46.0	0.45
Paving	Pavers	Diesel	Average	2.00	8.00	81.0	0.42
Paving	Paving Equipment	Diesel	Average	2.00	8.00	89.0	0.36
Paving	Rollers	Diesel	Average	2.00	8.00	36.0	0.38
Architectural Coating	Air Compressors	Diesel	Average	1.00	6.00	37.0	0.48

5.2.2. Mitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Demolition	Concrete/Industrial Saws	Diesel	Average	1.00	8.00	33.0	0.73
Demolition	Excavators	Diesel	Average	3.00	8.00	36.0	0.38
Demolition	Rubber Tired Dozers	Diesel	Average	2.00	8.00	367	0.40
Site Preparation	Rubber Tired Dozers	Diesel	Average	3.00	8.00	367	0.40

Site Preparation	Tractors/Loaders/Back	Diesel	Average	4.00	8.00	84.0	0.37
Grading	Excavators	Diesel	Average	1.00	8.00	36.0	0.38
Grading	Graders	Diesel	Average	1.00	8.00	148	0.41
Grading	Rubber Tired Dozers	Diesel	Average	1.00	8.00	367	0.40
Grading	Tractors/Loaders/Back hoes	Diesel	Average	3.00	8.00	84.0	0.37
Building Construction	Cranes	Diesel	Average	1.00	7.00	367	0.29
Building Construction	Forklifts	Diesel	Average	3.00	8.00	82.0	0.20
Building Construction	Generator Sets	Diesel	Average	1.00	8.00	14.0	0.74
Building Construction	Tractors/Loaders/Back hoes	Diesel	Average	3.00	7.00	84.0	0.37
Building Construction	Welders	Diesel	Average	1.00	8.00	46.0	0.45
Paving	Pavers	Diesel	Average	2.00	8.00	81.0	0.42
Paving	Paving Equipment	Diesel	Average	2.00	8.00	89.0	0.36
Paving	Rollers	Diesel	Average	2.00	8.00	36.0	0.38
Architectural Coating	Air Compressors	Diesel	Average	1.00	6.00	37.0	0.48

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Demolition	—	—	—	—
Demolition	Worker	15.0	8.80	LDA,LDT1,LDT2
Demolition	Vendor	—	5.30	HHDT,MHDT
Demolition	Hauling	2.15	18.8	HHDT
Demolition	Onsite truck	—	—	HHDT
Site Preparation	—	—	—	—
Site Preparation	Worker	17.5	8.80	LDA,LDT1,LDT2
Site Preparation	Vendor	—	5.30	HHDT,MHDT

Site Preparation	Hauling	0.00	20.0	HHDT
Site Preparation	Onsite truck	—	—	HHDT
Grading	—	—	—	—
Grading	Worker	15.0	8.80	LDA,LDT1,LDT2
Grading	Vendor	—	5.30	HHDT,MHDT
Grading	Hauling	37.6	20.0	HHDT
Grading	Onsite truck	—	—	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	29.6	8.80	LDA,LDT1,LDT2
Building Construction	Vendor	11.6	5.30	HHDT,MHDT
Building Construction	Hauling	0.00	20.0	HHDT
Building Construction	Onsite truck	—	—	HHDT
Paving	—	—	—	—
Paving	Worker	15.0	8.80	LDA,LDT1,LDT2
Paving	Vendor	—	5.30	HHDT,MHDT
Paving	Hauling	0.00	20.0	HHDT
Paving	Onsite truck	—	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	5.93	8.80	LDA,LDT1,LDT2
Architectural Coating	Vendor	—	5.30	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	Onsite truck	—	—	HHDT

5.3.2. Mitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Demolition	—	—	—	—
Demolition	Worker	15.0	8.80	LDA,LDT1,LDT2
Demolition	Vendor	—	5.30	HHDT,MHDT

Demolition	Hauling	2.15	18.8	HHDT
Demolition	Onsite truck	—	—	HHDT
Site Preparation	—	—	—	—
Site Preparation	Worker	17.5	8.80	LDA,LDT1,LDT2
Site Preparation	Vendor	—	5.30	HHDT,MHDT
Site Preparation	Hauling	0.00	20.0	HHDT
Site Preparation	Onsite truck	—	—	HHDT
Grading	—	—	—	—
Grading	Worker	15.0	8.80	LDA,LDT1,LDT2
Grading	Vendor	—	5.30	HHDT,MHDT
Grading	Hauling	37.6	20.0	HHDT
Grading	Onsite truck	—	—	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	29.6	8.80	LDA,LDT1,LDT2
Building Construction	Vendor	11.6	5.30	HHDT,MHDT
Building Construction	Hauling	0.00	20.0	HHDT
Building Construction	Onsite truck	—	—	HHDT
Paving	—	—	—	—
Paving	Worker	15.0	8.80	LDA,LDT1,LDT2
Paving	Vendor	—	5.30	HHDT,MHDT
Paving	Hauling	0.00	20.0	HHDT
Paving	Onsite truck	—	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	5.93	8.80	LDA,LDT1,LDT2
Architectural Coating	Vendor	—	5.30	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	Onsite truck	—	—	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Non-applicable. No control strategies activated by user.

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
Architectural Coating	0.00	0.00	105,891	35,297	7,095

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (Cubic Yards)	Material Exported (Cubic Yards)	Acres Graded (acres)	Material Demolished (Building Square Footage)	Acres Paved (acres)
Demolition	0.00	0.00	0.00	3,663	—
Site Preparation	0.00	0.00	15.0	0.00	—
Grading	38,600	0.00	20.0	0.00	—
Paving	0.00	0.00	0.00	0.00	2.48

5.6.2. Construction Earthmoving Control Strategies

Non-applicable. No control strategies activated by user.

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
Unrefrigerated Warehouse-No Rail	0.00	0%
Parking Lot	2.37	100%
Other Non-Asphalt Surfaces	0.11	0%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2027	0.00	233	0.03	< 0.005
2028	0.00	158	0.03	< 0.005

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Unrefrigerated Warehouse-No Rail	252	252	0.00	78,846	1,209	1,209	0.00	378,127
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Non-Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

5.9.2. Mitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Unrefrigerated Warehouse-No Rail	252	252	0.00	78,846	1,209	1,209	0.00	378,127
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Non-Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.1.2. Mitigated

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
0	0.00	105,891	35,297	7,095

5.10.3. Landscape Equipment

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	180

5.10.4. Landscape Equipment - Mitigated

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	180

5.11. Operational Energy Consumption

5.11.1. Unmitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Unrefrigerated Warehouse-No Rail	689,088	158	0.0330	0.0040	139,407
Parking Lot	90,323	158	0.0330	0.0040	0.00
Other Non-Asphalt Surfaces	0.00	158	0.0330	0.0040	0.00

5.11.2. Mitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Unrefrigerated Warehouse-No Rail	0.00	158	0.0330	0.0040	139,407
Parking Lot	0.00	158	0.0330	0.0040	0.00
Other Non-Asphalt Surfaces	0.00	158	0.0330	0.0040	0.00

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Unrefrigerated Warehouse-No Rail	16,324,862	1,272,212
Parking Lot	0.00	0.00
Other Non-Asphalt Surfaces	0.00	0.00

5.12.2. Mitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Unrefrigerated Warehouse-No Rail	16,324,862	1,272,212
Parking Lot	0.00	0.00
Other Non-Asphalt Surfaces	0.00	0.00

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Unrefrigerated Warehouse-No Rail	66.4	—
Parking Lot	0.00	—
Other Non-Asphalt Surfaces	0.00	—

5.13.2. Mitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Unrefrigerated Warehouse-No Rail	66.4	—
Parking Lot	0.00	—
Other Non-Asphalt Surfaces	0.00	—

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced

5.14.2. Mitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor

5.15.2. Mitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

Equipment Type	Fuel Type	Number per Day	Hours per Day	Hours per Year	Horsepower	Load Factor

5.16.2. Process Boilers

Equipment Type	Fuel Type	Number	Boiler Rating (MMBtu/hr)	Daily Heat Input (MMBtu/day)	Annual Heat Input (MMBtu/yr)

5.17. User Defined

Equipment Type	Fuel Type
—	—

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

5.18.2.2. Mitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	7.98	annual days of extreme heat
Extreme Precipitation	7.00	annual days with precipitation above 20 mm
Sea Level Rise	0.00	meters of inundation depth
Wildfire	0.00	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A

Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	0	0	N/A
Wildfire	1	0	0	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	0	0	0	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	N/A	N/A	N/A	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	1	1	2
Wildfire	1	1	1	2
Flooding	N/A	N/A	N/A	N/A
Drought	1	1	1	2
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	N/A	N/A	N/A	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	20.8
AQ-PM	14.9
AQ-DPM	57.7
Drinking Water	30.9
Lead Risk Housing	60.1
Pesticides	83.2
Toxic Releases	30.5
Traffic	64.3
Effect Indicators	—
CleanUp Sites	63.7
Groundwater	95.7
Haz Waste Facilities/Generators	88.5
Impaired Water Bodies	87.0
Solid Waste	59.2
Sensitive Population	—
Asthma	27.2
Cardio-vascular	35.5
Low Birth Weights	86.5
Socioeconomic Factor Indicators	—
Education	60.9
Housing	50.7
Linguistic	64.1

Poverty	67.2
Unemployment	83.2

7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	59.11715642
Employed	92.12113435
Median HI	52.0980367
Education	—
Bachelor's or higher	50.01924804
High school enrollment	100
Preschool enrollment	77.17182086
Transportation	—
Auto Access	15.29577826
Active commuting	89.31092006
Social	—
2-parent households	12.24175542
Voting	78.62184011
Neighborhood	—
Alcohol availability	15.10329783
Park access	48.44090851
Retail density	80.75195688
Supermarket access	73.73283716
Tree canopy	38.98370332
Housing	—
Homeownership	14.98780957

Housing habitability	21.10868728
Low-inc homeowner severe housing cost burden	7.314256384
Low-inc renter severe housing cost burden	71.89785705
Uncrowded housing	26.43397921
Health Outcomes	—
Insured adults	57.24368023
Arthritis	0.0
Asthma ER Admissions	75.1
High Blood Pressure	0.0
Cancer (excluding skin)	0.0
Asthma	0.0
Coronary Heart Disease	0.0
Chronic Obstructive Pulmonary Disease	0.0
Diagnosed Diabetes	0.0
Life Expectancy at Birth	21.6
Cognitively Disabled	84.2
Physically Disabled	34.8
Heart Attack ER Admissions	90.2
Mental Health Not Good	0.0
Chronic Kidney Disease	0.0
Obesity	0.0
Pedestrian Injuries	69.8
Physical Health Not Good	0.0
Stroke	0.0
Health Risk Behaviors	—
Binge Drinking	0.0
Current Smoker	0.0
No Leisure Time for Physical Activity	0.0

Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	65.5
Children	62.5
Elderly	46.6
English Speaking	42.0
Foreign-born	62.0
Outdoor Workers	84.7
Climate Change Adaptive Capacity	—
Impervious Surface Cover	46.3
Traffic Density	54.8
Traffic Access	0.0
Other Indices	—
Hardship	53.2
Other Decision Support	—
2016 Voting	72.7

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	77.0
Healthy Places Index Score for Project Location (b)	67.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	No
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.
b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Operations: Energy Use	The project's 7,198 sf office space would utilize natural gas for HVAC units. The warehouse portion would only use electricity, adjusted defaults with CalEEMod assumptions for general office natural gas consumption.
Operations: Vehicle Data	Based on the Traffic Study prepared by Associated Transportation Engineers
Operations: Fleet Mix	Based on the Traffic Study prepared by Associated Transportation Engineers. 224 daily passenger trips and 28 daily truck trips.
Land Use	Based on applicant provided information
Construction: Trips and VMT	Based on applicant provided information. Construction debris would be hauled to the Tajiguas landfill, approximately 18.8 miles from the project site. Alt 1, 1,148 hauling trips
Construction: Architectural Coatings	Based on SBCACD Rule 323.1 Architectural Coating.
Operations: Architectural Coatings	Based on SBCACPD 323.1
Construction: Construction Phases	Based on applicant provided information
Construction: Dust From Material Movement	Based on applicant provided information
Characteristics: Utility Information	Based on applicant provided information

Sywest Industrial Building Project Alt 3 v2 Detailed Report

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8. User Changes to Default Data

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Sywest Industrial Building Project Alt 3 v2
Construction Start Date	7/1/2027
Operational Year	2028
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.40
Precipitation (days)	24.0
Location	34.42615455718766, -119.82758969616111
County	Santa Barbara
City	Goleta
Air District	Santa Barbara County APCD
Air Basin	South Central Coast
TAZ	3391
EDFZ	8
Electric Utility	Central Coast Community Energy
Gas Utility	Southern California Gas
App Version	2022.1.1.26

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
Other Non-Asphalt Surfaces	70.6	1000sqft	6.47	70,594	60,939	—	—	—

Parking Lot	9.00	Space	0.15	0.00	0.00	—	—	—
Other Non-Asphalt Surfaces	4.91	1000sqft	0.11	0.00	0.00	—	—	—
General Office Building	0.50	1000sqft	0.01	500	0.00	—	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Construction	C-2*	Limit Heavy-Duty Diesel Vehicle Idling
Construction	C-10-A	Water Exposed Surfaces
Construction	C-11	Limit Vehicle Speeds on Unpaved Roads
Energy	E-10-B	Establish Onsite Renewable Energy Systems: Solar Power

* Qualitative or supporting measure. Emission reductions not included in the mitigated emissions results.

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	3.12	28.0	28.8	0.05	1.17	19.8	20.9	1.08	10.1	11.2	—	6,431	6,431	0.31	0.57	6.21	6,614
Mit.	3.12	28.0	28.8	0.05	1.17	7.78	8.95	1.08	3.97	5.04	—	6,431	6,431	0.31	0.57	6.21	6,614
% Reduced	—	—	—	—	—	61%	57%	—	61%	55%	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	62.6	9.79	14.1	0.02	0.34	0.24	0.58	0.31	0.06	0.37	—	2,773	2,773	0.11	0.06	0.03	2,793

Mit.	62.6	9.79	14.1	0.02	0.34	0.24	0.58	0.31	0.06	0.37	—	2,773	2,773	0.11	0.06	0.03	2,793
% Reduced	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	2.04	5.32	6.12	0.01	0.19	1.40	1.59	0.17	0.65	0.82	—	1,533	1,533	0.07	0.09	0.44	1,560
Mit.	2.04	5.32	6.12	0.01	0.19	0.66	0.84	0.17	0.28	0.45	—	1,533	1,533	0.07	0.09	0.44	1,560
% Reduced	—	—	—	—	—	53%	47%	—	57%	45%	—	—	—	—	—	—	—
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.37	0.97	1.12	< 0.005	0.03	0.26	0.29	0.03	0.12	0.15	—	254	254	0.01	0.01	0.07	258
Mit.	0.37	0.97	1.12	< 0.005	0.03	0.12	0.15	0.03	0.05	0.08	—	254	254	0.01	0.01	0.07	258
% Reduced	—	—	—	—	—	53%	47%	—	57%	45%	—	—	—	—	—	—	—

2.2. Construction Emissions by Year, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	3.12	28.0	28.8	0.05	1.17	19.8	20.9	1.08	10.1	11.2	—	6,431	6,431	0.31	0.57	6.21	6,614
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	1.16	9.79	14.1	0.02	0.34	0.24	0.58	0.31	0.06	0.37	—	2,773	2,773	0.11	0.06	0.03	2,793
2028	62.6	9.30	14.0	0.02	0.30	0.24	0.54	0.28	0.06	0.34	—	2,765	2,765	0.11	0.06	0.03	2,784
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	0.56	5.32	6.12	0.01	0.19	1.40	1.59	0.17	0.65	0.82	—	1,533	1,533	0.07	0.09	0.44	1,560

2028	2.04	1.32	1.99	< 0.005	0.04	0.03	0.07	0.04	0.01	0.05	—	377	377	0.02	0.01	0.06	379
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	0.10	0.97	1.12	< 0.005	0.03	0.26	0.29	0.03	0.12	0.15	—	254	254	0.01	0.01	0.07	258
2028	0.37	0.24	0.36	< 0.005	0.01	0.01	0.01	0.01	< 0.005	0.01	—	62.4	62.4	< 0.005	< 0.005	0.01	62.8

2.3. Construction Emissions by Year, Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	3.12	28.0	28.8	0.05	1.17	7.78	8.95	1.08	3.97	5.04	—	6,431	6,431	0.31	0.57	6.21	6,614
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	1.16	9.79	14.1	0.02	0.34	0.24	0.58	0.31	0.06	0.37	—	2,773	2,773	0.11	0.06	0.03	2,793
2028	62.6	9.30	14.0	0.02	0.30	0.24	0.54	0.28	0.06	0.34	—	2,765	2,765	0.11	0.06	0.03	2,784
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	0.56	5.32	6.12	0.01	0.19	0.66	0.84	0.17	0.28	0.45	—	1,533	1,533	0.07	0.09	0.44	1,560
2028	2.04	1.32	1.99	< 0.005	0.04	0.03	0.07	0.04	0.01	0.05	—	377	377	0.02	0.01	0.06	379
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	0.10	0.97	1.12	< 0.005	0.03	0.12	0.15	0.03	0.05	0.08	—	254	254	0.01	0.01	0.07	258
2028	0.37	0.24	0.36	< 0.005	0.01	0.01	0.01	0.01	< 0.005	0.01	—	62.4	62.4	< 0.005	< 0.005	0.01	62.8

2.4. Operations Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.91	0.60	4.31	0.01	0.01	0.37	0.38	0.01	0.09	0.10	0.44	533	533	0.06	0.05	1.26	552
Mit.	0.91	0.60	4.31	0.01	0.01	0.37	0.38	0.01	0.09	0.10	0.44	526	527	0.06	0.05	1.26	545
% Reduced	—	—	—	—	—	—	—	—	—	—	—	1%	1%	2%	—	—	1%
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.40	0.60	1.31	< 0.005	0.01	0.37	0.37	0.01	0.09	0.10	0.44	515	516	0.06	0.05	0.03	533
Mit.	0.40	0.60	1.31	< 0.005	0.01	0.37	0.37	0.01	0.09	0.10	0.44	509	509	0.06	0.05	0.03	527
% Reduced	—	—	—	—	—	—	—	—	—	—	—	1%	1%	2%	—	—	1%
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.63	0.53	2.60	< 0.005	0.01	0.31	0.32	0.01	0.08	0.09	0.44	450	450	0.05	0.05	0.47	466
Mit.	0.63	0.53	2.60	< 0.005	0.01	0.31	0.32	0.01	0.08	0.09	0.44	443	444	0.05	0.05	0.47	459
% Reduced	—	—	—	—	—	—	—	—	—	—	—	1%	1%	3%	—	—	1%
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.11	0.10	0.48	< 0.005	< 0.005	0.06	0.06	< 0.005	0.01	0.02	0.07	74.4	74.5	0.01	0.01	0.08	77.1
Mit.	0.11	0.10	0.48	< 0.005	< 0.005	0.06	0.06	< 0.005	0.01	0.02	0.07	73.4	73.5	0.01	0.01	0.08	76.0
% Reduced	—	—	—	—	—	—	—	—	—	—	—	1%	1%	3%	< 0.5%	—	1%

2.5. Operations Emissions by Sector, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Sector	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.18	0.57	1.21	< 0.005	0.01	0.37	0.37	0.01	0.09	0.10	—	508	508	0.03	0.05	1.26	525
Area	0.73	0.03	3.09	< 0.005	0.01	—	0.01	< 0.005	—	< 0.005	—	12.7	12.7	< 0.005	< 0.005	—	12.8
Energy	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	10.6	10.6	< 0.005	< 0.005	—	10.7
Water	—	—	—	—	—	—	—	—	—	—	0.19	1.42	1.61	< 0.005	< 0.005	—	1.77
Waste	—	—	—	—	—	—	—	—	—	—	0.25	0.00	0.25	0.03	0.00	—	0.88
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
Total	0.91	0.60	4.31	0.01	0.01	0.37	0.38	0.01	0.09	0.10	0.44	533	533	0.06	0.05	1.26	552
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.18	0.60	1.31	< 0.005	0.01	0.37	0.37	0.01	0.09	0.10	—	503	503	0.03	0.05	0.03	520
Area	0.22	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	10.6	10.6	< 0.005	< 0.005	—	10.7
Water	—	—	—	—	—	—	—	—	—	—	0.19	1.42	1.61	< 0.005	< 0.005	—	1.77
Waste	—	—	—	—	—	—	—	—	—	—	0.25	0.00	0.25	0.03	0.00	—	0.88
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
Total	0.40	0.60	1.31	< 0.005	0.01	0.37	0.37	0.01	0.09	0.10	0.44	515	516	0.06	0.05	0.03	533
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.16	0.51	1.08	< 0.005	< 0.005	0.31	0.31	< 0.005	0.08	0.08	—	431	431	0.03	0.05	0.47	446
Area	0.47	0.01	1.52	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	6.27	6.27	< 0.005	< 0.005	—	6.29
Energy	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	10.6	10.6	< 0.005	< 0.005	—	10.7
Water	—	—	—	—	—	—	—	—	—	—	0.19	1.42	1.61	< 0.005	< 0.005	—	1.77
Waste	—	—	—	—	—	—	—	—	—	—	0.25	0.00	0.25	0.03	0.00	—	0.88
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
Total	0.63	0.53	2.60	< 0.005	0.01	0.31	0.32	0.01	0.08	0.09	0.44	450	450	0.05	0.05	0.47	466
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Mobile	0.03	0.09	0.20	< 0.005	< 0.005	0.06	0.06	< 0.005	0.01	0.02	—	71.4	71.4	< 0.005	0.01	0.08	73.8
Area	0.09	< 0.005	0.28	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.04	1.04	< 0.005	< 0.005	—	1.04
Energy	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.76	1.76	< 0.005	< 0.005	—	1.77
Water	—	—	—	—	—	—	—	—	—	—	0.03	0.24	0.27	< 0.005	< 0.005	—	0.29
Waste	—	—	—	—	—	—	—	—	—	—	0.04	0.00	0.04	< 0.005	0.00	—	0.15
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
Total	0.11	0.10	0.48	< 0.005	< 0.005	0.06	0.06	< 0.005	0.01	0.02	0.07	74.4	74.5	0.01	0.01	0.08	77.1

2.6. Operations Emissions by Sector, Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Sector	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.18	0.57	1.21	< 0.005	0.01	0.37	0.37	0.01	0.09	0.10	—	508	508	0.03	0.05	1.26	525
Area	0.73	0.03	3.09	< 0.005	0.01	—	0.01	< 0.005	—	< 0.005	—	12.7	12.7	< 0.005	< 0.005	—	12.8
Energy	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	4.25	4.25	< 0.005	< 0.005	—	4.27
Water	—	—	—	—	—	—	—	—	—	—	0.19	1.42	1.61	< 0.005	< 0.005	—	1.77
Waste	—	—	—	—	—	—	—	—	—	—	0.25	0.00	0.25	0.03	0.00	—	0.88
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
Total	0.91	0.60	4.31	0.01	0.01	0.37	0.38	0.01	0.09	0.10	0.44	526	527	0.06	0.05	1.26	545
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.18	0.60	1.31	< 0.005	0.01	0.37	0.37	0.01	0.09	0.10	—	503	503	0.03	0.05	0.03	520
Area	0.22	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	4.25	4.25	< 0.005	< 0.005	—	4.27
Water	—	—	—	—	—	—	—	—	—	—	0.19	1.42	1.61	< 0.005	< 0.005	—	1.77
Waste	—	—	—	—	—	—	—	—	—	—	0.25	0.00	0.25	0.03	0.00	—	0.88

Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
Total	0.40	0.60	1.31	< 0.005	0.01	0.37	0.37	0.01	0.09	0.10	0.44	509	509	0.06	0.05	0.03	527
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.16	0.51	1.08	< 0.005	< 0.005	0.31	0.31	< 0.005	0.08	0.08	—	431	431	0.03	0.05	0.47	446
Area	0.47	0.01	1.52	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	6.27	6.27	< 0.005	< 0.005	—	6.29
Energy	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	4.25	4.25	< 0.005	< 0.005	—	4.27
Water	—	—	—	—	—	—	—	—	—	—	0.19	1.42	1.61	< 0.005	< 0.005	—	1.77
Waste	—	—	—	—	—	—	—	—	—	—	0.25	0.00	0.25	0.03	0.00	—	0.88
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
Total	0.63	0.53	2.60	< 0.005	0.01	0.31	0.32	0.01	0.08	0.09	0.44	443	444	0.05	0.05	0.47	459
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.03	0.09	0.20	< 0.005	< 0.005	0.06	0.06	< 0.005	0.01	0.02	—	71.4	71.4	< 0.005	0.01	0.08	73.8
Area	0.09	< 0.005	0.28	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.04	1.04	< 0.005	< 0.005	—	1.04
Energy	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.70	0.70	< 0.005	< 0.005	—	0.71
Water	—	—	—	—	—	—	—	—	—	—	0.03	0.24	0.27	< 0.005	< 0.005	—	0.29
Waste	—	—	—	—	—	—	—	—	—	—	0.04	0.00	0.04	< 0.005	0.00	—	0.15
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
Total	0.11	0.10	0.48	< 0.005	< 0.005	0.06	0.06	< 0.005	0.01	0.02	0.07	73.4	73.5	0.01	0.01	0.08	76.0

3. Construction Emissions Details

3.1. Demolition (2027) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	2.21	19.9	18.6	0.03	0.80	—	0.80	0.73	—	0.73	—	3,427	3,427	0.14	0.03	—	3,439
Demolition	—	—	—	—	—	0.30	0.30	—	0.05	0.05	—	—	—	—	—	—	—
Onsite truck	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
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07	0.65	0.61	< 0.005	0.03	—	0.03	0.02	—	0.02	—	113	113	< 0.005	< 0.005	—	113
Demolition	—	—	—	—	—	0.01	0.01	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.12	0.11	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	18.7	18.7	< 0.005	< 0.005	—	18.7
Demolition	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	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
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.04	0.48	0.00	0.00	0.09	0.09	0.00	0.02	0.02	—	90.7	90.7	< 0.005	< 0.005	0.36	92.4
Vendor	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
Hauling	0.01	0.32	0.11	< 0.005	< 0.005	0.06	0.06	< 0.005	0.02	0.02	—	238	238	0.01	0.04	0.41	250
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.92	2.92	< 0.005	< 0.005	0.01	2.97
Vendor	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
Hauling	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	7.84	7.84	< 0.005	< 0.005	0.01	8.23
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.48	0.48	< 0.005	< 0.005	< 0.005	0.49
Vendor	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
Hauling	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.30	1.30	< 0.005	< 0.005	< 0.005	1.36

3.2. Demolition (2027) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.21	19.9	18.6	0.03	0.80	—	0.80	0.73	—	0.73	—	3,427	3,427	0.14	0.03	—	3,439
Demolition	—	—	—	—	—	0.30	0.30	—	0.05	0.05	—	—	—	—	—	—	—
Onsite truck	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
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07	0.65	0.61	< 0.005	0.03	—	0.03	0.02	—	0.02	—	113	113	< 0.005	< 0.005	—	113
Demolition	—	—	—	—	—	0.01	0.01	—	< 0.005	< 0.005	—	—	—	—	—	—	—

Onsite truck	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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.12	0.11	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	18.7	18.7	< 0.005	< 0.005	—	18.7
Demolition	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	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
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.04	0.48	0.00	0.00	0.09	0.09	0.00	0.02	0.02	—	90.7	90.7	< 0.005	< 0.005	0.36	92.4
Vendor	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
Hauling	0.01	0.32	0.11	< 0.005	< 0.005	0.06	0.06	< 0.005	0.02	0.02	—	238	238	0.01	0.04	0.41	250
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.92	2.92	< 0.005	< 0.005	0.01	2.97
Vendor	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
Hauling	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	7.84	7.84	< 0.005	< 0.005	0.01	8.23
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.48	0.48	< 0.005	< 0.005	< 0.005	0.49
Vendor	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
Hauling	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.30	1.30	< 0.005	< 0.005	< 0.005	1.36

3.3. Site Preparation (2027) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.05	28.0	28.3	0.05	1.17	—	1.17	1.08	—	1.08	—	5,298	5,298	0.21	0.04	—	5,316
Dust From Material Movement	—	—	—	—	—	19.7	19.7	—	10.1	10.1	—	—	—	—	—	—	—
Onsite truck	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
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.46	0.46	< 0.005	0.02	—	0.02	0.02	—	0.02	—	87.1	87.1	< 0.005	< 0.005	—	87.4
Dust From Material Movement	—	—	—	—	—	0.32	0.32	—	0.17	0.17	—	—	—	—	—	—	—
Onsite truck	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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.08	0.08	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	14.4	14.4	< 0.005	< 0.005	—	14.5
Dust From Material Movement	—	—	—	—	—	0.06	0.06	—	0.03	0.03	—	—	—	—	—	—	—
Onsite truck	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
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.05	0.56	0.00	0.00	0.11	0.11	0.00	0.03	0.03	—	106	106	< 0.005	< 0.005	0.42	108
Vendor	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
Hauling	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
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.71	1.71	< 0.005	< 0.005	< 0.005	1.73
Vendor	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
Hauling	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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.28	0.28	< 0.005	< 0.005	< 0.005	0.29
Vendor	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
Hauling	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

3.4. Site Preparation (2027) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.05	28.0	28.3	0.05	1.17	—	1.17	1.08	—	1.08	—	5,298	5,298	0.21	0.04	—	5,316
Dust From Material Movement	—	—	—	—	—	7.67	7.67	—	3.94	3.94	—	—	—	—	—	—	—

Onsite truck	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
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.46	0.46	< 0.005	0.02	—	0.02	0.02	—	0.02	—	87.1	87.1	< 0.005	< 0.005	—	87.4
Dust From Material Movement	—	—	—	—	—	0.13	0.13	—	0.06	0.06	—	—	—	—	—	—	—
Onsite truck	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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.08	0.08	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	14.4	14.4	< 0.005	< 0.005	—	14.5
Dust From Material Movement	—	—	—	—	—	0.02	0.02	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	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
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.05	0.56	0.00	0.00	0.11	0.11	0.00	0.03	0.03	—	106	106	< 0.005	< 0.005	0.42	108
Vendor	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
Hauling	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
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.71	1.71	< 0.005	< 0.005	< 0.005	1.73
Vendor	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
Hauling	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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.28	0.28	< 0.005	< 0.005	< 0.005	0.29
Vendor	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
Hauling	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

3.5. Grading (2027) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.59	14.2	17.3	0.03	0.60	—	0.60	0.55	—	0.55	—	2,960	2,960	0.12	0.02	—	2,970
Dust From Material Movement	—	—	—	—	—	7.12	7.12	—	3.43	3.43	—	—	—	—	—	—	—
Onsite truck	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
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.20	1.79	2.18	< 0.005	0.08	—	0.08	0.07	—	0.07	—	373	373	0.02	< 0.005	—	374

Dust From Material Movement	—	—	—	—	—	0.90	0.90	—	0.43	0.43	—	—	—	—	—	—	—
Onsite truck	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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.33	0.40	< 0.005	0.01	—	0.01	0.01	—	0.01	—	61.8	61.8	< 0.005	< 0.005	—	62.0
Dust From Material Movement	—	—	—	—	—	0.16	0.16	—	0.08	0.08	—	—	—	—	—	—	—
Onsite truck	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
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.04	0.48	0.00	0.00	0.09	0.09	0.00	0.02	0.02	—	90.7	90.7	< 0.005	< 0.005	0.36	92.4
Vendor	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
Hauling	0.07	4.51	1.55	0.02	0.04	0.87	0.91	0.04	0.24	0.28	—	3,381	3,381	0.18	0.54	5.85	3,552
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.06	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	11.2	11.2	< 0.005	< 0.005	0.02	11.4
Vendor	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
Hauling	0.01	0.59	0.20	< 0.005	0.01	0.11	0.11	0.01	0.03	0.04	—	426	426	0.02	0.07	0.32	447
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.86	1.86	< 0.005	< 0.005	< 0.005	1.89
Vendor	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
Hauling	< 0.005	0.11	0.04	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	70.5	70.5	< 0.005	0.01	0.05	74.0

3.6. Grading (2027) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.59	14.2	17.3	0.03	0.60	—	0.60	0.55	—	0.55	—	2,960	2,960	0.12	0.02	—	2,970
Dust From Material Movement	—	—	—	—	—	2.78	2.78	—	1.34	1.34	—	—	—	—	—	—	—
Onsite truck	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
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.20	1.79	2.18	< 0.005	0.08	—	0.08	0.07	—	0.07	—	373	373	0.02	< 0.005	—	374
Dust From Material Movement	—	—	—	—	—	0.35	0.35	—	0.17	0.17	—	—	—	—	—	—	—
Onsite truck	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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.33	0.40	< 0.005	0.01	—	0.01	0.01	—	0.01	—	61.8	61.8	< 0.005	< 0.005	—	62.0
Dust From Material Movement	—	—	—	—	—	0.06	0.06	—	0.03	0.03	—	—	—	—	—	—	—

Onsite truck	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
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.04	0.48	0.00	0.00	0.09	0.09	0.00	0.02	0.02	—	90.7	90.7	< 0.005	< 0.005	0.36	92.4
Vendor	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
Hauling	0.07	4.51	1.55	0.02	0.04	0.87	0.91	0.04	0.24	0.28	—	3,381	3,381	0.18	0.54	5.85	3,552
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.06	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	11.2	11.2	< 0.005	< 0.005	0.02	11.4
Vendor	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
Hauling	0.01	0.59	0.20	< 0.005	0.01	0.11	0.11	0.01	0.03	0.04	—	426	426	0.02	0.07	0.32	447
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.86	1.86	< 0.005	< 0.005	< 0.005	1.89
Vendor	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
Hauling	< 0.005	0.11	0.04	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	70.5	70.5	< 0.005	0.01	0.05	74.0

3.7. Building Construction (2027) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.03	9.39	12.9	0.02	0.34	—	0.34	0.31	—	0.31	—	2,397	2,397	0.10	0.02	—	2,405

Onsite truck	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
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.03	9.39	12.9	0.02	0.34	—	0.34	0.31	—	0.31	—	2,397	2,397	0.10	0.02	—	2,405
Onsite truck	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
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.19	1.73	2.38	< 0.005	0.06	—	0.06	0.06	—	0.06	—	441	441	0.02	< 0.005	—	442
Onsite truck	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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.32	0.43	< 0.005	0.01	—	0.01	0.01	—	0.01	—	73.0	73.0	< 0.005	< 0.005	—	73.3
Onsite truck	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
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.12	0.08	0.95	0.00	0.00	0.19	0.19	0.00	0.04	0.04	—	180	180	0.01	0.01	0.71	184
Vendor	0.01	0.30	0.14	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.02	—	199	199	0.01	0.03	0.44	208
Hauling	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
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.12	0.09	0.99	0.00	0.00	0.19	0.19	0.00	0.04	0.04	—	177	177	0.01	0.01	0.02	179
Vendor	0.01	0.31	0.14	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.02	—	199	199	0.01	0.03	0.01	208
Hauling	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

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.18	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	32.5	32.5	< 0.005	< 0.005	0.06	33.1
Vendor	< 0.005	0.06	0.03	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	36.6	36.6	< 0.005	0.01	0.04	38.3
Hauling	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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	5.38	5.38	< 0.005	< 0.005	0.01	5.47
Vendor	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.06	6.06	< 0.005	< 0.005	0.01	6.33
Hauling	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

3.8. Building Construction (2027) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.03	9.39	12.9	0.02	0.34	—	0.34	0.31	—	0.31	—	2,397	2,397	0.10	0.02	—	2,405
Onsite truck	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
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.03	9.39	12.9	0.02	0.34	—	0.34	0.31	—	0.31	—	2,397	2,397	0.10	0.02	—	2,405
Onsite truck	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
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.19	1.73	2.38	< 0.005	0.06	—	0.06	0.06	—	0.06	—	441	441	0.02	< 0.005	—	442

Onsite truck	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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.32	0.43	< 0.005	0.01	—	0.01	0.01	—	0.01	—	73.0	73.0	< 0.005	< 0.005	—	73.3
Onsite truck	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
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.12	0.08	0.95	0.00	0.00	0.19	0.19	0.00	0.04	0.04	—	180	180	0.01	0.01	0.71	184
Vendor	0.01	0.30	0.14	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.02	—	199	199	0.01	0.03	0.44	208
Hauling	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
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.12	0.09	0.99	0.00	0.00	0.19	0.19	0.00	0.04	0.04	—	177	177	0.01	0.01	0.02	179
Vendor	0.01	0.31	0.14	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.02	—	199	199	0.01	0.03	0.01	208
Hauling	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
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.18	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	32.5	32.5	< 0.005	< 0.005	0.06	33.1
Vendor	< 0.005	0.06	0.03	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	36.6	36.6	< 0.005	0.01	0.04	38.3
Hauling	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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	5.38	5.38	< 0.005	< 0.005	0.01	5.47
Vendor	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.06	6.06	< 0.005	< 0.005	0.01	6.33
Hauling	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

3.9. Building Construction (2028) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.99	8.92	12.9	0.02	0.30	—	0.30	0.28	—	0.28	—	2,397	2,397	0.10	0.02	—	2,406
Onsite truck	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
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.11	1.03	1.49	< 0.005	0.03	—	0.03	0.03	—	0.03	—	277	277	0.01	< 0.005	—	278
Onsite truck	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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.19	0.27	< 0.005	0.01	—	0.01	0.01	—	0.01	—	45.8	45.8	< 0.005	< 0.005	—	46.0
Onsite truck	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
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.11	0.08	0.92	0.00	0.00	0.19	0.19	0.00	0.04	0.04	—	173	173	0.01	0.01	0.02	176
Vendor	0.01	0.29	0.13	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.02	—	194	194	0.01	0.03	0.01	203
Hauling	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

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.10	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	20.0	20.0	< 0.005	< 0.005	0.03	20.4
Vendor	< 0.005	0.03	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	22.4	22.4	< 0.005	< 0.005	0.02	23.4
Hauling	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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.32	3.32	< 0.005	< 0.005	0.01	3.37
Vendor	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.71	3.71	< 0.005	< 0.005	< 0.005	3.87
Hauling	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

3.10. Building Construction (2028) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.99	8.92	12.9	0.02	0.30	—	0.30	0.28	—	0.28	—	2,397	2,397	0.10	0.02	—	2,406
Onsite truck	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
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.11	1.03	1.49	< 0.005	0.03	—	0.03	0.03	—	0.03	—	277	277	0.01	< 0.005	—	278
Onsite truck	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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.02	0.19	0.27	< 0.005	0.01	—	0.01	0.01	—	0.01	—	45.8	45.8	< 0.005	< 0.005	—	46.0
Onsite truck	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
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.11	0.08	0.92	0.00	0.00	0.19	0.19	0.00	0.04	0.04	—	173	173	0.01	0.01	0.02	176
Vendor	0.01	0.29	0.13	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.02	—	194	194	0.01	0.03	0.01	203
Hauling	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
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.10	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	20.0	20.0	< 0.005	< 0.005	0.03	20.4
Vendor	< 0.005	0.03	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	22.4	22.4	< 0.005	< 0.005	0.02	23.4
Hauling	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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.32	3.32	< 0.005	< 0.005	0.01	3.37
Vendor	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.71	3.71	< 0.005	< 0.005	< 0.005	3.87
Hauling	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

3.11. Paving (2028) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.69	6.63	9.91	0.01	0.26	—	0.26	0.24	—	0.24	—	1,511	1,511	0.06	0.01	—	1,516
Paving	0.03	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	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
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.22	0.33	< 0.005	0.01	—	0.01	0.01	—	0.01	—	49.7	49.7	< 0.005	< 0.005	—	49.8
Paving	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.04	0.06	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	8.22	8.22	< 0.005	< 0.005	—	8.25
Paving	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	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
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.04	0.47	0.00	0.00	0.09	0.09	0.00	0.02	0.02	—	87.3	87.3	< 0.005	< 0.005	0.01	88.6
Vendor	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
Hauling	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
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.87	2.87	< 0.005	< 0.005	< 0.005	2.92

Vendor	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
Hauling	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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.48	0.48	< 0.005	< 0.005	< 0.005	0.48
Vendor	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
Hauling	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

3.12. Paving (2028) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.69	6.63	9.91	0.01	0.26	—	0.26	0.24	—	0.24	—	1,511	1,511	0.06	0.01	—	1,516
Paving	0.03	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	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
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.22	0.33	< 0.005	0.01	—	0.01	0.01	—	0.01	—	49.7	49.7	< 0.005	< 0.005	—	49.8
Paving	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.04	0.06	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	8.22	8.22	< 0.005	< 0.005	—	8.25

Paving	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	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
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.04	0.47	0.00	0.00	0.09	0.09	0.00	0.02	0.02	—	87.3	87.3	< 0.005	< 0.005	0.01	88.6
Vendor	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
Hauling	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
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.87	2.87	< 0.005	< 0.005	< 0.005	2.92
Vendor	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
Hauling	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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.48	0.48	< 0.005	< 0.005	< 0.005	0.48
Vendor	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
Hauling	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

3.13. Architectural Coating (2028) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.11	0.81	1.12	< 0.005	0.02	—	0.02	0.01	—	0.01	—	134	134	0.01	< 0.005	—	134
Architectural Coatings	62.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	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
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.02	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	4.02	4.02	< 0.005	< 0.005	—	4.04
Architectural Coatings	1.88	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.67	0.67	< 0.005	< 0.005	—	0.67
Architectural Coatings	0.34	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	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
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.18	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	34.7	34.7	< 0.005	< 0.005	< 0.005	35.2

Vendor	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
Hauling	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
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.05	1.05	< 0.005	< 0.005	< 0.005	1.06
Vendor	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
Hauling	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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.17	0.17	< 0.005	< 0.005	< 0.005	0.18
Vendor	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
Hauling	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

3.14. Architectural Coating (2028) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.11	0.81	1.12	< 0.005	0.02	—	0.02	0.01	—	0.01	—	134	134	0.01	< 0.005	—	134
Architectural Coatings	62.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	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
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	< 0.005	0.02	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	4.02	4.02	< 0.005	< 0.005	—	4.04
Architectural Coatings	1.88	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.67	0.67	< 0.005	< 0.005	—	0.67
Architectural Coatings	0.34	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	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
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.18	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	34.7	34.7	< 0.005	< 0.005	< 0.005	35.2
Vendor	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
Hauling	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
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.05	1.05	< 0.005	< 0.005	< 0.005	1.06
Vendor	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
Hauling	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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.17	0.17	< 0.005	< 0.005	< 0.005	0.18
Vendor	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

Hauling	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

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other Non-Asphalt Surfaces	0.17	0.57	1.15	< 0.005	0.01	0.35	0.35	< 0.005	0.09	0.09	—	492	492	0.03	0.05	1.21	510
Parking Lot	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
General Office Building	0.01	< 0.005	0.07	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	15.7	15.7	< 0.005	< 0.005	0.06	15.9
Total	0.18	0.57	1.21	< 0.005	0.01	0.37	0.37	0.01	0.09	0.10	—	508	508	0.03	0.05	1.26	525
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other Non-Asphalt Surfaces	0.17	0.59	1.23	< 0.005	0.01	0.35	0.35	< 0.005	0.09	0.09	—	488	488	0.03	0.05	0.03	504
Parking Lot	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
General Office Building	0.01	0.01	0.07	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	15.3	15.3	< 0.005	< 0.005	< 0.005	15.6
Total	0.18	0.60	1.31	< 0.005	0.01	0.37	0.37	0.01	0.09	0.10	—	503	503	0.03	0.05	0.03	520

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other Non-Asphalt Surfaces	0.03	0.09	0.19	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.01	—	69.2	69.2	< 0.005	0.01	0.07	71.6
Parking Lot	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
General Office Building	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.18	2.18	< 0.005	< 0.005	< 0.005	2.21
Total	0.03	0.09	0.20	< 0.005	< 0.005	0.06	0.06	< 0.005	0.01	0.02	—	71.4	71.4	< 0.005	0.01	0.08	73.8

4.1.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other Non-Asphalt Surfaces	0.17	0.57	1.15	< 0.005	0.01	0.35	0.35	< 0.005	0.09	0.09	—	492	492	0.03	0.05	1.21	510
Parking Lot	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
General Office Building	0.01	< 0.005	0.07	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	15.7	15.7	< 0.005	< 0.005	0.06	15.9
Total	0.18	0.57	1.21	< 0.005	0.01	0.37	0.37	0.01	0.09	0.10	—	508	508	0.03	0.05	1.26	525
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other Non-Asphalt Surfaces	0.17	0.59	1.23	< 0.005	0.01	0.35	0.35	< 0.005	0.09	0.09	—	488	488	0.03	0.05	0.03	504
Parking Lot	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

General Office Building	0.01	0.01	0.07	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	15.3	15.3	< 0.005	< 0.005	< 0.005	15.6
Total	0.18	0.60	1.31	< 0.005	0.01	0.37	0.37	0.01	0.09	0.10	—	503	503	0.03	0.05	0.03	520
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other Non-Asphalt Surfaces	0.03	0.09	0.19	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.01	—	69.2	69.2	< 0.005	0.01	0.07	71.6
Parking Lot	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
General Office Building	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.18	2.18	< 0.005	< 0.005	< 0.005	2.21
Total	0.03	0.09	0.20	< 0.005	< 0.005	0.06	0.06	< 0.005	0.01	0.02	—	71.4	71.4	< 0.005	0.01	0.08	73.8

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	2.55	2.55	< 0.005	< 0.005	—	2.58
General Office Building	—	—	—	—	—	—	—	—	—	—	—	3.82	3.82	< 0.005	< 0.005	—	3.87
Total	—	—	—	—	—	—	—	—	—	—	—	6.36	6.36	< 0.005	< 0.005	—	6.45

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	2.55	2.55	< 0.005	< 0.005	—	2.58
General Office Building	—	—	—	—	—	—	—	—	—	—	—	3.82	3.82	< 0.005	< 0.005	—	3.87
Total	—	—	—	—	—	—	—	—	—	—	—	6.36	6.36	< 0.005	< 0.005	—	6.45
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.42	0.42	< 0.005	< 0.005	—	0.43
General Office Building	—	—	—	—	—	—	—	—	—	—	—	0.63	0.63	< 0.005	< 0.005	—	0.64
Total	—	—	—	—	—	—	—	—	—	—	—	1.05	1.05	< 0.005	< 0.005	—	1.07

4.2.2. Electricity Emissions By Land Use - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005

General Office Building	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005
Total	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005
General Office Building	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005
Total	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005
General Office Building	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005
Total	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Other Non-Asphalt Surfaces	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
Parking Lot	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
General Office Building	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	4.25	4.25	< 0.005	< 0.005	—	4.27
Total	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	4.25	4.25	< 0.005	< 0.005	—	4.27
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other Non-Asphalt Surfaces	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
Parking Lot	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
General Office Building	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	4.25	4.25	< 0.005	< 0.005	—	4.27
Total	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	4.25	4.25	< 0.005	< 0.005	—	4.27
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other Non-Asphalt Surfaces	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
Parking Lot	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
General Office Building	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.70	0.70	< 0.005	< 0.005	—	0.71
Total	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.70	0.70	< 0.005	< 0.005	—	0.71

4.2.4. Natural Gas Emissions By Land Use - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other Non-Asphalt Surfaces	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
Parking Lot	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
General Office Building	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	4.25	4.25	< 0.005	< 0.005	—	4.27
Total	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	4.25	4.25	< 0.005	< 0.005	—	4.27
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other Non-Asphalt Surfaces	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
Parking Lot	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
General Office Building	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	4.25	4.25	< 0.005	< 0.005	—	4.27
Total	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	4.25	4.25	< 0.005	< 0.005	—	4.27
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other Non-Asphalt Surfaces	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
Parking Lot	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
General Office Building	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.70	0.70	< 0.005	< 0.005	—	0.71
Total	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.70	0.70	< 0.005	< 0.005	—	0.71

4.3. Area Emissions by Source

4.3.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Source	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	0.03	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.19	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.51	0.03	3.09	< 0.005	0.01	—	0.01	< 0.005	—	< 0.005	—	12.7	12.7	< 0.005	< 0.005	—	12.8
Total	0.73	0.03	3.09	< 0.005	0.01	—	0.01	< 0.005	—	< 0.005	—	12.7	12.7	< 0.005	< 0.005	—	12.8
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	0.03	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.19	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	0.22	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Architectural Coatings	0.03	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.05	< 0.005	0.28	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.04	1.04	< 0.005	< 0.005	—	1.04
Total	0.09	< 0.005	0.28	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.04	1.04	< 0.005	< 0.005	—	1.04

4.3.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Source	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	0.03	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.19	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.51	0.03	3.09	< 0.005	0.01	—	0.01	< 0.005	—	< 0.005	—	12.7	12.7	< 0.005	< 0.005	—	12.8
Total	0.73	0.03	3.09	< 0.005	0.01	—	0.01	< 0.005	—	< 0.005	—	12.7	12.7	< 0.005	< 0.005	—	12.8
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	0.03	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.19	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	0.22	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.03	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.05	< 0.005	0.28	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.04	1.04	< 0.005	< 0.005	—	1.04
Total	0.09	< 0.005	0.28	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.04	1.04	< 0.005	< 0.005	—	1.04

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	0.00	1.22	1.22	< 0.005	< 0.005	—	1.23
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
General Office Building	—	—	—	—	—	—	—	—	—	—	0.19	0.21	0.40	< 0.005	< 0.005	—	0.54
Total	—	—	—	—	—	—	—	—	—	—	0.19	1.42	1.61	< 0.005	< 0.005	—	1.77
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	0.00	1.22	1.22	< 0.005	< 0.005	—	1.23
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
General Office Building	—	—	—	—	—	—	—	—	—	—	0.19	0.21	0.40	< 0.005	< 0.005	—	0.54
Total	—	—	—	—	—	—	—	—	—	—	0.19	1.42	1.61	< 0.005	< 0.005	—	1.77
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	0.00	0.20	0.20	< 0.005	< 0.005	—	0.20
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
General Office Building	—	—	—	—	—	—	—	—	—	—	0.03	0.03	0.07	< 0.005	< 0.005	—	0.09
Total	—	—	—	—	—	—	—	—	—	—	0.03	0.24	0.27	< 0.005	< 0.005	—	0.29

4.4.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	0.00	1.22	1.22	< 0.005	< 0.005	—	1.23
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
General Office Building	—	—	—	—	—	—	—	—	—	—	0.19	0.21	0.40	< 0.005	< 0.005	—	0.54

Total	—	—	—	—	—	—	—	—	—	—	0.19	1.42	1.61	< 0.005	< 0.005	—	1.77
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	0.00	1.22	1.22	< 0.005	< 0.005	—	1.23
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
General Office Building	—	—	—	—	—	—	—	—	—	—	0.19	0.21	0.40	< 0.005	< 0.005	—	0.54
Total	—	—	—	—	—	—	—	—	—	—	0.19	1.42	1.61	< 0.005	< 0.005	—	1.77
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	0.00	0.20	0.20	< 0.005	< 0.005	—	0.20
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
General Office Building	—	—	—	—	—	—	—	—	—	—	0.03	0.03	0.07	< 0.005	< 0.005	—	0.09
Total	—	—	—	—	—	—	—	—	—	—	0.03	0.24	0.27	< 0.005	< 0.005	—	0.29

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
General Office Building	—	—	—	—	—	—	—	—	—	—	0.25	0.00	0.25	0.03	0.00	—	0.88
Total	—	—	—	—	—	—	—	—	—	—	0.25	0.00	0.25	0.03	0.00	—	0.88
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
General Office Building	—	—	—	—	—	—	—	—	—	—	0.25	0.00	0.25	0.03	0.00	—	0.88
Total	—	—	—	—	—	—	—	—	—	—	0.25	0.00	0.25	0.03	0.00	—	0.88
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
General Office Building	—	—	—	—	—	—	—	—	—	—	0.04	0.00	0.04	< 0.005	0.00	—	0.15
Total	—	—	—	—	—	—	—	—	—	—	0.04	0.00	0.04	< 0.005	0.00	—	0.15

4.5.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
General Office Building	—	—	—	—	—	—	—	—	—	—	0.25	0.00	0.25	0.03	0.00	—	0.88
Total	—	—	—	—	—	—	—	—	—	—	0.25	0.00	0.25	0.03	0.00	—	0.88
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
General Office Building	—	—	—	—	—	—	—	—	—	—	0.25	0.00	0.25	0.03	0.00	—	0.88
Total	—	—	—	—	—	—	—	—	—	—	0.25	0.00	0.25	0.03	0.00	—	0.88
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
General Office Building	—	—	—	—	—	—	—	—	—	—	0.04	0.00	0.04	< 0.005	0.00	—	0.15
Total	—	—	—	—	—	—	—	—	—	—	0.04	0.00	0.04	< 0.005	0.00	—	0.15

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005

4.6.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.7.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.8.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.9.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.5. Above and Belowground Carbon Accumulation by Land Use Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Demolition	Demolition	7/1/2027	7/16/2027	5.00	12.0	—
Site Preparation	Site Preparation	7/17/2027	7/26/2027	5.00	6.00	—
Grading	Grading	7/27/2027	9/28/2027	5.00	46.0	—
Building Construction	Building Construction	9/29/2027	2/28/2028	5.00	109	—
Paving	Paving	2/29/2028	3/15/2028	5.00	12.0	—
Architectural Coating	Architectural Coating	3/16/2028	3/30/2028	5.00	11.0	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Demolition	Concrete/Industrial Saws	Diesel	Average	1.00	8.00	33.0	0.73
Demolition	Excavators	Diesel	Average	3.00	8.00	36.0	0.38
Demolition	Rubber Tired Dozers	Diesel	Average	2.00	8.00	367	0.40
Site Preparation	Rubber Tired Dozers	Diesel	Average	3.00	8.00	367	0.40
Site Preparation	Tractors/Loaders/Backhoes	Diesel	Average	4.00	8.00	84.0	0.37
Grading	Excavators	Diesel	Average	1.00	8.00	36.0	0.38
Grading	Graders	Diesel	Average	1.00	8.00	148	0.41
Grading	Rubber Tired Dozers	Diesel	Average	1.00	8.00	367	0.40
Grading	Tractors/Loaders/Backhoes	Diesel	Average	3.00	8.00	84.0	0.37
Building Construction	Cranes	Diesel	Average	1.00	7.00	367	0.29
Building Construction	Forklifts	Diesel	Average	3.00	8.00	82.0	0.20

Building Construction	Generator Sets	Diesel	Average	1.00	8.00	14.0	0.74
Building Construction	Tractors/Loaders/Backhoes	Diesel	Average	3.00	7.00	84.0	0.37
Building Construction	Welders	Diesel	Average	1.00	8.00	46.0	0.45
Paving	Pavers	Diesel	Average	2.00	8.00	81.0	0.42
Paving	Paving Equipment	Diesel	Average	2.00	8.00	89.0	0.36
Paving	Rollers	Diesel	Average	2.00	8.00	36.0	0.38
Architectural Coating	Air Compressors	Diesel	Average	1.00	6.00	37.0	0.48

5.2.2. Mitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Demolition	Concrete/Industrial Saws	Diesel	Average	1.00	8.00	33.0	0.73
Demolition	Excavators	Diesel	Average	3.00	8.00	36.0	0.38
Demolition	Rubber Tired Dozers	Diesel	Average	2.00	8.00	367	0.40
Site Preparation	Rubber Tired Dozers	Diesel	Average	3.00	8.00	367	0.40
Site Preparation	Tractors/Loaders/Backhoes	Diesel	Average	4.00	8.00	84.0	0.37
Grading	Excavators	Diesel	Average	1.00	8.00	36.0	0.38
Grading	Graders	Diesel	Average	1.00	8.00	148	0.41
Grading	Rubber Tired Dozers	Diesel	Average	1.00	8.00	367	0.40
Grading	Tractors/Loaders/Backhoes	Diesel	Average	3.00	8.00	84.0	0.37
Building Construction	Cranes	Diesel	Average	1.00	7.00	367	0.29
Building Construction	Forklifts	Diesel	Average	3.00	8.00	82.0	0.20
Building Construction	Generator Sets	Diesel	Average	1.00	8.00	14.0	0.74
Building Construction	Tractors/Loaders/Backhoes	Diesel	Average	3.00	7.00	84.0	0.37
Building Construction	Welders	Diesel	Average	1.00	8.00	46.0	0.45
Paving	Pavers	Diesel	Average	2.00	8.00	81.0	0.42

Paving	Paving Equipment	Diesel	Average	2.00	8.00	89.0	0.36
Paving	Rollers	Diesel	Average	2.00	8.00	36.0	0.38
Architectural Coating	Air Compressors	Diesel	Average	1.00	6.00	37.0	0.48

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Demolition	—	—	—	—
Demolition	Worker	15.0	8.80	LDA,LDT1,LDT2
Demolition	Vendor	—	5.30	HHDT,MHDT
Demolition	Hauling	3.58	18.8	HHDT
Demolition	Onsite truck	—	—	HHDT
Site Preparation	—	—	—	—
Site Preparation	Worker	17.5	8.80	LDA,LDT1,LDT2
Site Preparation	Vendor	—	5.30	HHDT,MHDT
Site Preparation	Hauling	0.00	20.0	HHDT
Site Preparation	Onsite truck	—	—	HHDT
Grading	—	—	—	—
Grading	Worker	15.0	8.80	LDA,LDT1,LDT2
Grading	Vendor	—	5.30	HHDT,MHDT
Grading	Hauling	47.8	20.0	HHDT
Grading	Onsite truck	—	—	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	29.8	8.80	LDA,LDT1,LDT2
Building Construction	Vendor	11.7	5.30	HHDT,MHDT
Building Construction	Hauling	0.00	20.0	HHDT
Building Construction	Onsite truck	—	—	HHDT

Paving	—	—	—	—
Paving	Worker	15.0	8.80	LDA,LDT1,LDT2
Paving	Vendor	—	5.30	HHDT,MHDT
Paving	Hauling	0.00	20.0	HHDT
Paving	Onsite truck	—	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	5.96	8.80	LDA,LDT1,LDT2
Architectural Coating	Vendor	—	5.30	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	Onsite truck	—	—	HHDT

5.3.2. Mitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Demolition	—	—	—	—
Demolition	Worker	15.0	8.80	LDA,LDT1,LDT2
Demolition	Vendor	—	5.30	HHDT,MHDT
Demolition	Hauling	3.58	18.8	HHDT
Demolition	Onsite truck	—	—	HHDT
Site Preparation	—	—	—	—
Site Preparation	Worker	17.5	8.80	LDA,LDT1,LDT2
Site Preparation	Vendor	—	5.30	HHDT,MHDT
Site Preparation	Hauling	0.00	20.0	HHDT
Site Preparation	Onsite truck	—	—	HHDT
Grading	—	—	—	—
Grading	Worker	15.0	8.80	LDA,LDT1,LDT2
Grading	Vendor	—	5.30	HHDT,MHDT
Grading	Hauling	47.8	20.0	HHDT
Grading	Onsite truck	—	—	HHDT

Building Construction	—	—	—	—
Building Construction	Worker	29.8	8.80	LDA,LDT1,LDT2
Building Construction	Vendor	11.7	5.30	HHDT,MHDT
Building Construction	Hauling	0.00	20.0	HHDT
Building Construction	Onsite truck	—	—	HHDT
Paving	—	—	—	—
Paving	Worker	15.0	8.80	LDA,LDT1,LDT2
Paving	Vendor	—	5.30	HHDT,MHDT
Paving	Hauling	0.00	20.0	HHDT
Paving	Onsite truck	—	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	5.96	8.80	LDA,LDT1,LDT2
Architectural Coating	Vendor	—	5.30	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	Onsite truck	—	—	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Non-applicable. No control strategies activated by user.

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
Architectural Coating	0.00	0.00	105,891	35,297	7,095

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (Cubic Yards)	Material Exported (Cubic Yards)	Acres Graded (acres)	Material Demolished (Building Square Footage)	Acres Paved (acres)
Demolition	0.00	0.00	0.00	3,663	—
Site Preparation	0.00	0.00	15.0	0.00	—
Grading	37,400	0.00	20.0	0.00	—
Paving	0.00	0.00	0.00	0.00	6.74

5.6.2. Construction Earthmoving Control Strategies

Non-applicable. No control strategies activated by user.

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
Other Non-Asphalt Surfaces	6.47	0%
Parking Lot	0.15	100%
Other Non-Asphalt Surfaces	0.11	0%
General Office Building	0.00	0%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2027	0.00	233	0.03	< 0.005
2028	0.00	158	0.03	< 0.005

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Other Non-Asphalt Surfaces	99.0	99.0	0.00	30,973	475	475	0.00	148,538

Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Non-Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
General Office Building	6.00	6.00	0.00	1,877	28.8	28.8	0.00	9,002

5.9.2. Mitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Other Non-Asphalt Surfaces	99.0	99.0	0.00	30,973	475	475	0.00	148,538
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Non-Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
General Office Building	6.00	6.00	0.00	1,877	28.8	28.8	0.00	9,002

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.1.2. Mitigated

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
0	0.00	105,891	35,297	7,095

5.10.3. Landscape Equipment

Season	Unit	Value

Snow Days	day/yr	0.00
Summer Days	day/yr	180

5.10.4. Landscape Equipment - Mitigated

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	180

5.11. Operational Energy Consumption

5.11.1. Unmitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Other Non-Asphalt Surfaces	0.00	158	0.0330	0.0040	0.00
Parking Lot	5,891	158	0.0330	0.0040	0.00
Other Non-Asphalt Surfaces	0.00	158	0.0330	0.0040	0.00
General Office Building	8,834	158	0.0330	0.0040	13,276

5.11.2. Mitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Other Non-Asphalt Surfaces	0.00	158	0.0330	0.0040	0.00
Parking Lot	< 0.005	158	0.0330	0.0040	0.00
Other Non-Asphalt Surfaces	0.00	158	0.0330	0.0040	0.00
General Office Building	< 0.005	158	0.0330	0.0040	13,276

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Other Non-Asphalt Surfaces	0.00	727,819
Parking Lot	0.00	0.00
Other Non-Asphalt Surfaces	0.00	0.00
General Office Building	88,867	0.00

5.12.2. Mitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Other Non-Asphalt Surfaces	0.00	727,819
Parking Lot	0.00	0.00
Other Non-Asphalt Surfaces	0.00	0.00
General Office Building	88,867	0.00

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Other Non-Asphalt Surfaces	0.00	—
Parking Lot	0.00	—
Other Non-Asphalt Surfaces	0.00	—
General Office Building	0.47	—

5.13.2. Mitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Other Non-Asphalt Surfaces	0.00	—
Parking Lot	0.00	—

Other Non-Asphalt Surfaces	0.00	—
General Office Building	0.47	—

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
General Office Building	Household refrigerators and/or freezers	R-134a	1,430	0.02	0.60	0.00	1.00
General Office Building	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0

5.14.2. Mitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
General Office Building	Household refrigerators and/or freezers	R-134a	1,430	0.02	0.60	0.00	1.00
General Office Building	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor

5.15.2. Mitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

Equipment Type	Fuel Type	Number per Day	Hours per Day	Hours per Year	Horsepower	Load Factor

5.16.2. Process Boilers

Equipment Type	Fuel Type	Number	Boiler Rating (MMBtu/hr)	Daily Heat Input (MMBtu/day)	Annual Heat Input (MMBtu/yr)

5.17. User Defined

Equipment Type	Fuel Type
—	—

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

5.18.2.2. Mitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	7.98	annual days of extreme heat
Extreme Precipitation	7.00	annual days with precipitation above 20 mm
Sea Level Rise	0.00	meters of inundation depth
Wildfire	0.00	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters

Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	0	0	N/A
Wildfire	1	0	0	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	0	0	0	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	N/A	N/A	N/A	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	1	1	2
Wildfire	1	1	1	2
Flooding	N/A	N/A	N/A	N/A
Drought	1	1	1	2
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	N/A	N/A	N/A	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	20.8
AQ-PM	14.9
AQ-DPM	57.7
Drinking Water	30.9
Lead Risk Housing	60.1
Pesticides	83.2
Toxic Releases	30.5
Traffic	64.3
Effect Indicators	—
CleanUp Sites	63.7
Groundwater	95.7
Haz Waste Facilities/Generators	88.5
Impaired Water Bodies	87.0
Solid Waste	59.2
Sensitive Population	—
Asthma	27.2

Cardio-vascular	35.5
Low Birth Weights	86.5
Socioeconomic Factor Indicators	—
Education	60.9
Housing	50.7
Linguistic	64.1
Poverty	67.2
Unemployment	83.2

7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	59.11715642
Employed	92.12113435
Median HI	52.0980367
Education	—
Bachelor's or higher	50.01924804
High school enrollment	100
Preschool enrollment	77.17182086
Transportation	—
Auto Access	15.29577826
Active commuting	89.31092006
Social	—
2-parent households	12.24175542
Voting	78.62184011
Neighborhood	—
Alcohol availability	15.10329783

Park access	48.44090851
Retail density	80.75195688
Supermarket access	73.73283716
Tree canopy	38.98370332
Housing	—
Homeownership	14.98780957
Housing habitability	21.10868728
Low-inc homeowner severe housing cost burden	7.314256384
Low-inc renter severe housing cost burden	71.89785705
Uncrowded housing	26.43397921
Health Outcomes	—
Insured adults	57.24368023
Arthritis	0.0
Asthma ER Admissions	75.1
High Blood Pressure	0.0
Cancer (excluding skin)	0.0
Asthma	0.0
Coronary Heart Disease	0.0
Chronic Obstructive Pulmonary Disease	0.0
Diagnosed Diabetes	0.0
Life Expectancy at Birth	21.6
Cognitively Disabled	84.2
Physically Disabled	34.8
Heart Attack ER Admissions	90.2
Mental Health Not Good	0.0
Chronic Kidney Disease	0.0
Obesity	0.0
Pedestrian Injuries	69.8

Physical Health Not Good	0.0
Stroke	0.0
Health Risk Behaviors	—
Binge Drinking	0.0
Current Smoker	0.0
No Leisure Time for Physical Activity	0.0
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	65.5
Children	62.5
Elderly	46.6
English Speaking	42.0
Foreign-born	62.0
Outdoor Workers	84.7
Climate Change Adaptive Capacity	—
Impervious Surface Cover	46.3
Traffic Density	54.8
Traffic Access	0.0
Other Indices	—
Hardship	53.2
Other Decision Support	—
2016 Voting	72.7

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	77.0
Healthy Places Index Score for Project Location (b)	67.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No

Project Located in a Low-Income Community (Assembly Bill 1550)	No
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.
b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Operations: Energy Use	—
Operations: Vehicle Data	Vehicle trips from the outdoor storage use was based on the ITE rates for High-Cube Transload and Short-Term Storage Warehouse for the outdoor storage use and General Office for the office building. RV storage was assumed to generate half of the trips of the outdoor storage use
Operations: Fleet Mix	Based on LU 154, 15.7 percent of trips would be truck trips. The office vehicle trips are assumed to be all passenger trips.
Land Use	Based on applicant provided information
Construction: Trips and VMT	Based on applicant provided information. Construction debris would be hauled to the Tajiguas landfill, approximately 18.8 miles from the project site.
Construction: Architectural Coatings	Based on SBCACD Rule 323.1 Architectural Coating.
Operations: Architectural Coatings	Based on SBCACPD 323.1
Construction: Construction Phases	Based on applicant provided information
Construction: Dust From Material Movement	Based on applicant provided information
Characteristics: Utility Information	Based on applicant provided information

Sywest Industrial Building
GHG Emissions Reductions from Charging Stations

Estimated GHG Emissions Reductions to replace gasoline vehicles with Electric Vehicles

		Passenger Vehicle		
	Sywest		Conversion Factors:	
Project Electricity Emission Factor[1]	0.00	$MTCO_2e/MWh$	2204.62	lb/MT
Electric Vehicle Fuel Economy[2]	0.25	kWh/mile	1.00E-06	MT/gram
Gasoline CO_2e Emissions while Running[3]	229	gr/mile	0.001	MWh to KWh
Annual VMT Reduction per charging Station[4]	39,125	miles/charging station/year)		
Number of Chargers[5]	9			
Annual VMT Reduction All Stations (based on Charge)	352,125			

Estimated Benefit from Installing Electric Vehicle Charging Stations.

	Sywest	
GHG Emissions of Gasoline vehicles	80.7	$MTCO_2e/yr$
GHG Emisssions of Electric Vehicles	0.0	$MTCO_2e/yr$
Net Reduction in Emissions	80.7	$MTCO_2e/yr$
Emissions/station	8.96545463	

Notes:

[1] CO_2e intensity factor of lb/MWh is consistent with previous project CalEEMod runs.

Sywest

0.00

[2] Obtained from National Renewable Energy Laboratory (NREL), 2018. California Plug-In Electric Vehicle Infrastructure

[3] Obtained emission factor from CalEEMod Annual CO_2 gr/mile for LDA

Sywest

229.149

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

[5] Number of charging stations

Appendix R-2

Alternatives Health Risk Assessments

Sywest Industrial Building Project

Construction Modeling Assumptions

AERMOD Sources

PolyArea		
Offroad Construction Exhaust		
Release Height	5	m
Emissions rate	1	g/s
Init Vert Dimension	1.4	m
SCAQMD LST Guidance, 2008		
Line Volume		
Onroad Hauling Exhaust		
Vehicle Height	14	ft
Plume Height	7.25	m
Plume Width	13	m
Release Height	3.63	m
Emissions rate	1	g/s
EPA Haul Road Guidance & Caltrans Heigh & Low Clearance Guidance[1]		

[1] USEPA Haul Road Workgroup Final Report Dec 6, 2011, Page 4.

https://www.epa.gov/sites/default/files/2020-10/documents/haul_road_workgroup-final_report_package-20120302.pdf

Meteorology:
Santa Barbara Airport

Sywest Industrial Building Project

Health Risk Assessment Risk Factors

Residential Risk	Abbreviation	UOM	3rd Trimester	0<2	2<16	16<30
Daily Breathing Rate (95th %'ile)	DBR	L/kg-day	361	1090	572	261
Fraction Of Time At Home [a]	FAH	unitless	1	1	1	0.73
Exposure Frequency	EF	days/year	0.96	0.96	0.96	0.96
Age Sensitivity Factor	ASF	unitless	10	10	3	1
Inhalation Absorption Factor	A	unitless	1	1	1	1
Conversion Factor	CF_1	m^3/L	0.001	0.001	0.001	0.001
Conversion Factor	CF_2	$\mu g/m^3$	0.001	0.001	0.001	0.001
Cancer Potency Factor (diesel exhaust)	CPF	$mg/kg\text{-}day^{-1}$	1.1	1.1	1.1	1.1
Averaging Time (for residential exposure)	AT	years	70.00	70.00	70.00	70.00

[a] assume school or daycare will have cancer risk of >1 per million

Sywest Industrial Building Project

Health Risk Assessment Exposure Duration Assumptions for Offroad Equipment

Residential Receptors

OFFROAD

Start Date	*7/1/2027*	*9/30/2027*	*9/30/2029*
End Date	*9/29/2027*	*9/29/2029*	*9/27/2043*

	7/1/2027	*9/22/2028*	*Days*	*90*	*730*	*5110*
Phase	Start Date	End Date	Duration (days)	3rd Tri	0<2	02<16
Demolition	7/1/2027	7/28/2027	28	28	0	0
Demolition - Hauling	7/1/2027	7/28/2027	28	28	0	0
Site Preparation	7/29/2027	8/11/2027	14	14	0	0
Grading	8/12/2027	11/4/2027	85	49	36	0
Grading - Haul	8/12/2027	11/4/2027	85	49	36	0
Building Construction - 2025	11/5/2027	12/31/27	57	0	57	0
Building Construction - 2026	1/1/2028	7/28/2028	210	0	210	0
Paving	7/29/2028	8/25/2028	28	0	28	0
Architectural Coating	8/26/2028	9/22/2028	28	0	28	0
Grubing & Land Clearing	7/1/2027	7/9/2027	9	9	0	0
Grading & Excavation	7/10/2027	8/9/2027	31	31	0	0
Grading, Utilities, & Sub-Grade	8/10/2027	9/5/2027	27	27	0	0
Paving	9/6/2027	9/17/2027	12	12	0	0

Intake Factor for Inhalation, IF (m^3/kg-day)

Phase	Year	Year	Equation	3rd Trimester	0<2	2<16
Demolition		2027		0.003793582	0	0
Demolition - Hauling		2027	$\frac{DBR \cdot FAH \cdot EF \cdot ED \cdot ASF \cdot A \cdot CF_1}{AT}$	0.003793582	0	0
Site Preparation		2027		0.001896791	0	0
Grading		2027		0.006638769	0.014726966	0
Grading - Haul		2027		0.006638769	0.014726966	0
Building Construction - 2025		2027		0	0.023317696	0
Building Construction - 2026		2028		0	0.0859073	0
Paving		2028		0	0.011454307	0
Architectural Coating		2028		0	0.011454307	0
Grubing & Land Clearing		2027		0.001219366	0	0
Grading & Excavation		2027		0.004200038	0	0
Grading, Utilities, & Sub-Grade		2027		0.003658097	0	
Paving		2027		0.001625821	0	

Risk Calculation Part 1, R1

Equation	3rd Trimester	0<2	2<16
	4.17294E-06	0	0
	4.17294E-06	0	0
$IF \cdot CPF \cdot CF_2$	2.08647E-06	0	0
	7.30265E-06	1.61997E-05	0
	7.30265E-06	1.61997E-05	0
	0	2.56495E-05	0
	0	9.4498E-05	0
	0	1.25997E-05	0
	0	1.25997E-05	0
	1.3413E-06	0	0
	4.62004E-06	0	0
	4.02391E-06	0	
	1.7884E-06	0	

Exposure Durations

Sywest Industrial Building Project
Offroad DPM Emissions, Ground Level Concentrations and Health Risk Calculations
Residential Receptors

Phase	Year	Emissions (lbs/day)	Work Hours Per Day	Emissions (g/s)
Demolition	2027	0.04361314943641709	9	0.000610571
Demolition - Hauling	2027	0.000	9	0
Site Preparation	2027	0.0321022827348849	9	0.000449422
Grading	2027	0.09988479845664738	9	0.001398356
Grading - Haul	2027	0.000	9	0
Building Construction - 2025	2027	0.037543515546188136	9	0.000525598
Building Construction - 2026	2028	0.12338561090389799	9	0.00172736
Paving	2028	0.014002215637814983	9	0.000196027
Architectural Coating	2028	0.000841447155223539	9	1.178E-05
Grubing & Land Clearing	2027	0.0026840646602533475	9	3.75761E-05
Grading & Excavation	2027	0.059446613589023346	9	0.000832234
Grading, Utilities, & Sub-Grade	2027	0.03969692225188097	9	0.000555745
Paving	2027	0.0061188090393237094	9	8.56614E-05

Max 0.853089329 | x utm 240420 | y utm 3812850

		AERMOD Column Identifier:	*4*	*4*	*4*	*4*	*4*	*4*	*4*	*4*	*4*	*4*	*4*	*4*	*4*						
			Demolition	Demolition - Hauling	Site Preparation	Grading	Grading - Haul	ling Construction -	uilding Construction - 202	Paving	rchitectural Coatir	ubing & Land Clear	rading & Excavatio	ng, Utilities, & Sub-	Paving	Child Risk					
Unique Identifier	X (UTM)	Y (UTM)	2027	2027	2027	2027	2027	2027	2028	2028	2028	2027	2027	2027	2027	3rd Trimester	0<2	Total	per million		
2400023812965	240002	3812965	0.000341022	0	0.000251016	0.000781024	0	0.000293562	0.000964783	0.000109487	6.57948E-06	2.09874E-05	0.000464828	0.0003104	4.78445E-05	1.11606E-08	1.12814E-07	1.23975E-07	0.1239751	*240002*	*3812965*
2398953813066	239895	3813066	0.00020641	0	0.000151932	0.000472728	0	0.000177684	0.000583951	6.62688E-05	3.98235E-06	1.2703E-05	0.000281345	0.000187875	2.89587E-05	6.75515E-09	6.82829E-08	7.50381E-08	0.075038087	239895	*3813066*
2399053813061	239905	3813061	0.000220349	0	0.000162192	0.000504653	0	0.000189683	0.000623387	7.07441E-05	4.25128E-06	1.35608E-05	0.000300345	0.000200563	3.09144E-05	7.21134E-09	7.28942E-08	8.01056E-08	0.080105588	239905	*3813061*
2399183813065	239918	3813065	0.000252288	0	0.000185701	0.000577801	0	0.000217177	0.000713745	8.09982E-05	4.8675E-06	1.55264E-05	0.000343879	0.000229634	3.53953E-05	8.2566E-09	8.34601E-08	9.17167E-08	0.09171667	239918	*3813065*
2399333813063	239933	3813063	0.000289697	0	0.000213237	0.000663478	0	0.00024938	0.000819581	9.30088E-05	5.58926E-06	1.78287E-05	0.00039487	0.000263684	4.06438E-05	9.48091E-09	9.58357E-08	1.05317E-07	0.105316574	239933	*3813063*
2399423813062	239942	3813062	0.000316611	0	0.000233048	0.000725118	0	0.000272549	0.000895723	0.00010165	6.10852E-06	1.94851E-05	0.000431555	0.000288181	4.44197E-05	1.03617E-08	1.04739E-07	1.15101E-07	0.115100869	239942	*3813062*
2399573813062	239957	3813062	0.000372918	0	0.000274494	0.000854074	0	0.000321019	0.00105502	0.000119727	7.19487E-06	2.29503E-05	0.000508304	0.000339432	5.23194E-05	1.22045E-08	1.23366E-07	1.35571E-07	0.135570645	239957	*3813062*
2405103812720	240510	3812720	7.63702E-05	0	5.62137E-05	0.000174906	0	6.57418E-05	0.000216058	2.4519E-05	1.47344E-06	4.70002E-06	0.000104096	6.95125E-05	1.07145E-05	2.49936E-09	2.52642E-08	2.77636E-08	0.027763604	240560	*3812700*
2405303812720	240530	3812720	7.29754E-05	0	5.37149E-05	0.000167132	0	6.28194E-05	0.000206454	2.34291E-05	1.40795E-06	4.49109E-06	9.94686E-05	6.64226E-05	1.02383E-05	2.38826E-09	2.41412E-08	2.65295E-08	0.026529468	240570	*3812700*
2405503812720	240550	3812720	6.98615E-05	0	5.14229E-05	0.00016	0	6.01389E-05	0.000197645	2.24294E-05	1.34787E-06	4.29945E-06	9.52242E-05	6.35883E-05	9.80138E-06	2.28635E-09	2.31111E-08	2.53974E-08	0.025397438	240520	*3812710*
2405703812720	240570	3812720	6.68514E-05	0	4.92072E-05	0.000153106	0	5.75477E-05	0.000189129	2.1463E-05	1.28979E-06	4.1142E-06	9.11213E-05	6.08485E-05	9.37907E-06	2.18784E-09	2.21153E-08	2.43031E-08	0.024303142	240530	*3812710*
2405903812720	240590	3812720	6.39084E-05	0	4.7041E-05	0.000146366	0	5.50143E-05	0.000180803	2.05181E-05	1.23301E-06	3.93309E-06	8.711E-05	5.81698E-05	8.96618E-06	2.09153E-09	2.11417E-08	2.32333E-08	0.023233262	240540	*3812710*
2406103812720	240610	3812720	6.1112E-05	0	4.49827E-05	0.000139961	0	5.26071E-05	0.000172892	1.96203E-05	1.17906E-06	3.76099E-06	8.32983E-05	5.56245E-05	8.57385E-06	2.00001E-09	2.02166E-08	2.22167E-08	0.022216654	240550	*3812710*
2406303812720	240630	3812720	5.84682E-05	0	4.30367E-05	0.000133907	0	5.03312E-05	0.000165412	1.87715E-05	1.12805E-06	3.59829E-06	7.96948E-05	5.32181E-05	8.20294E-06	1.91349E-09	1.93421E-08	2.12555E-08	0.021255538	240560	*3812710*
2406503812720	240650	3812720	5.60076E-05	0	4.12255E-05	0.000128271	0	4.82131E-05	0.000158451	1.79815E-05	1.08058E-06	3.44685E-06	7.63408E-05	5.09785E-05	7.85772E-06	1.83296E-09	1.85281E-08	2.0361E-08	0.020361012	240570	*3812710*
2405103812740	240510	3812740	8.35688E-05	0	6.15124E-05	0.000191393	0	7.19385E-05	0.000236424	2.68302E-05	1.61233E-06	5.14304E-06	0.000113908	7.60648E-05	1.17245E-05	2.73495E-09	2.76456E-08	3.03806E-08	0.030380592	240580	*3812710*
2405303812740	240530	3812740	7.96428E-05	0	5.86226E-05	0.000182402	0	6.8559E-05	0.000225317	2.55697E-05	1.53658E-06	4.90142E-06	0.000108557	7.24913E-05	1.11737E-05	2.60647E-09	2.63469E-08	2.89533E-08	0.028953346	240590	*3812710*
2405503812740	240550	3812740	7.6071E-05	0	5.59935E-05	0.000174221	0	6.54842E-05	0.000215212	2.4423E-05	1.46767E-06	4.6816E-06	0.000103688	6.92402E-05	1.06726E-05	2.48957E-09	2.51653E-08	2.76548E-08	0.02765484	240600	*3812710*
2405703812740	240570	3812740	7.26579E-05	0	5.34812E-05	0.000166404	0	6.25461E-05	0.000205556	2.33272E-05	1.40182E-06	4.47155E-06	9.90359E-05	6.61336E-05	1.01937E-05	2.37787E-09	2.40362E-08	2.6414E-08	0.026414046	240610	*3812710*
2405903812740	240590	3812740	6.93425E-05	0	5.10409E-05	0.000158811	0	5.96921E-05	0.000196176	2.22628E-05	1.33785E-06	4.26752E-06	9.45168E-05	6.31159E-05	9.72857E-06	2.26937E-09	2.29394E-08	2.52088E-08	0.025208766	240520	*3812720*
2406103812740	240610	3812740	6.62958E-05	0	4.87982E-05	0.000151834	0	5.70694E-05	0.000187557	2.12846E-05	1.27907E-06	4.08001E-06	9.0364E-05	6.03428E-05	9.30112E-06	2.16966E-09	2.19315E-08	2.41012E-08	0.024101152	240530	*3812720*
2406303812740	240630	3812740	6.34322E-05	0	4.66905E-05	0.000145275	0	5.46043E-05	0.000179455	2.03652E-05	1.22382E-06	3.90378E-06	8.64608E-05	5.77363E-05	8.89937E-06	2.07594E-09	2.09842E-08	2.30601E-08	0.023060128	240540	*3812720*
2406503812740	240650	3812740	6.06968E-05	0	4.4677E-05	0.000139011	0	5.22497E-05	0.000171717	1.9487E-05	1.17105E-06	3.73544E-06	8.27324E-05	5.52466E-05	8.5156E-06	1.98642E-09	2.00793E-08	2.20657E-08	0.022065717	240550	*3812720*
2405503812760	240550	3812760	8.35993E-05	0	6.15349E-05	0.000191463	0	7.19648E-05	0.00023651	2.684E-05	1.61292E-06	5.14492E-06	0.00011395	7.60926E-05	1.17288E-05	2.73595E-09	2.76557E-08	3.03917E-08	0.03039169	240560	*3812720*
2405703812760	240570	3812760	7.97405E-05	0	5.86945E-05	0.000182625	0	6.86431E-05	0.000225593	2.56011E-05	1.53847E-06	4.90744E-06	0.00010869	7.25803E-05	1.11874E-05	2.60966E-09	2.63792E-08	2.89889E-08	0.02898886	240570	*3812720*
2405903812760	240590	3812760	7.59672E-05	0	5.59171E-05	0.000173983	0	6.53949E-05	0.000214918	2.43896E-05	1.46567E-06	4.67522E-06	0.000103547	6.91458E-05	1.0658E-05	2.48617E-09	2.51309E-08	2.76171E-08	0.027617106	240580	*3812720*
2406103812760	240610	3812760	7.2603E-05	0	5.34408E-05	0.000166279	0	6.24988E-05	0.0002054	2.33095E-05	1.40076E-06	4.46817E-06	9.8961E-05	6.60836E-05	1.0186E-05	2.37607E-09	2.4018E-08	2.63941E-08	0.026394069	240590	*3812720*
2406303812760	240630	3812760	6.95013E-05	0	5.11577E-05	0.000159175	0	5.98288E-05	0.000196625	2.23137E-05	1.34092E-06	4.27728E-06	9.47332E-05	6.32604E-05	9.75084E-06	2.27456E-09	2.29919E-08	2.52665E-08	0.025266478	240600	*3812720*
2406503812760	240650	3812760	6.64789E-05	0	4.89331E-05	0.000152253	0	5.72271E-05	0.000188075	2.13434E-05	1.28261E-06	4.09128E-06	9.06137E-05	6.05095E-05	9.32682E-06	2.17565E-09	2.19921E-08	2.41677E-08	0.024167742	240610	*3812720*
2405503812780	240550	3812780	9.2935E-05	0	6.84065E-05	0.000212844	0	8.00012E-05	0.000262922	2.98372E-05	1.79303E-06	5.71945E-06	0.000126674	8.45899E-05	1.30385E-05	3.04148E-09	3.07441E-08	3.37856E-08	0.033785562	240620	*3812720*
2405703812780	240570	3812780	8.8606E-05	0	6.52201E-05	0.000202929	0	7.62747E-05	0.000250675	2.84474E-05	1.70951E-06	5.45304E-06	0.000120774	8.06497E-05	1.24312E-05	2.8998E-09	2.9312E-08	3.22118E-08	0.032211818	240630	*3812720*
2405903812780	240590	3812780	8.43137E-05	0	6.20607E-05	0.000193099	0	7.25798E-05	0.000238531	2.70693E-05	1.6267E-06	5.18888E-06	0.000114923	7.67428E-05	1.1829E-05	2.75933E-09	2.78921E-08	3.06514E-08	0.030651391	240520	*3812730*
2406103812780	240610	3812780	8.05831E-05	0	5.93147E-05	0.000184555	0	6.93684E-05	0.000227977	2.58716E-05	1.55472E-06	4.95929E-06	0.000109838	7.33472E-05	1.13056E-05	2.63724E-09	2.66579E-08	2.92952E-08	0.029295174	240530	*3812730*
2406303812780	240630	3812780	7.71761E-05	0	5.68069E-05	0.000176752	0	6.64355E-05	0.000218338	2.47778E-05	1.48899E-06	4.74962E-06	0.000105194	7.02461E-05	1.08276E-05	2.52574E-09	2.55309E-08	2.80566E-08	0.0280566	240540	*3812730*
2406503812780	240650	3812780	7.38302E-05	0	5.43441E-05	0.000169089	0	6.35553E-05	0.000208872	2.37035E-05	1.42444E-06	4.5437E-06	0.000100634	6.72006E-05	1.03582E-05	2.41624E-09	2.4424E-08	2.68402E-08	0.026840222	240550	*3812730*
2405503812800	240550	3812800	0.000104957	0	7.72557E-05	0.000240377	0	9.03502E-05	0.000296933	3.3697E-05	2.02498E-06	6.45933E-06	0.000143061	9.55325E-05	1.47252E-05	3.43492E-09	3.47212E-08	3.81561E-08	0.038156088	240560	*3812730*
2405703812800	240570	3812800	9.99687E-05	0	7.35839E-05	0.000228953	0	8.60561E-05	0.000282821	3.20955E-05	1.92874E-06	6.15233E-06	0.000136262	9.09921E-05	1.40253E-05	3.27167E-09	3.30709E-08	3.63426E-08	0.036342619	240570	*3812730*
2405903812800	240590	3812800	9.50658E-05	0	6.9975E-05	0.000217724	0	8.18356E-05	0.00026895	3.05214E-05	1.83415E-06	5.8506E-06	0.000129579	8.65294E-05	1.33375E-05	3.11121E-09	3.1449E-08	3.45602E-08	0.034560226	240580	*3812730*
2406103812800	240610	3812800	9.08163E-05	0	6.6847E-05	0.000207992	0	7.81774E-05	0.000256928	2.9157E-05	1.75216E-06	5.58907E-06	0.000123787	8.26615E-05	1.27413E-05	2.97214E-09	3.00432E-08	3.30153E-08	0.033015337	240590	*3812730*
2406303812800	240630	3812800	8.70002E-05	0	6.40381E-05	0.000199252	0	7.48924E-05	0.000246132	2.79318E-05	1.67853E-06	5.35422E-06	0.000118585	7.91881E-05	1.22059E-05	2.84725E-09	2.87808E-08	3.1628E-08	0.031628045	240600	*3812730*
2406503812800	240650	3812800	8.3178E-05	0	6.12248E-05	0.000190498	0	7.16022E-05	0.000235318	2.67047E-05	1.60479E-06	5.11899E-06	0.000113375	7.57091E-05	1.16697E-05	2.72216E-09	2.75164E-08	3.02385E-08	0.030238533	240610	*3812730*
2403103812820	240310	3812820	0.000240601	0	0.000177099	0.000551036	0	0.000207117	0.000680684	7.72463E-05	4.64203E-06	1.48072E-05	0.00032795	0.000218997	3.37557E-05	7.87415E-09	7.95941E-08	8.74682E-08	0.087468226	240620	*3812730*
2403303812820	240330	3812820	0.000229214	0	0.000168718	0.000524957	0	0.000197315	0.000648468	7.35904E-05	4.42233E-06	1.41064E-05	0.000312429	0.000208632	3.21582E-05	7.50148E-09	7.58271E-08	8.33285E-08	0.083328545	240630	*3812730*
2403503812820	240350	3812820	0.000217278	0	0.000159931	0.000497619	0	0.000187039	0.000614698	6.97581E-05	4.19203E-06	1.33718E-05	0.000296159	0.000197767	3.04835E-05	7.11083E-09	7.18783E-08	7.89891E-08	0.078989095	240640	*3812730*
2403703812820	240370	3812820	0.000205188	0	0.000151033	0.000469932	0	0.000176632	0.000580497	6.58767E-05	3.95879E-06	1.26278E-05	0.000279681	0.000186764	2.87874E-05	6.71518E-09	6.7879E-08	7.45942E-08	0.074594153	240520	*3812740*
2403903812820	240390	3812820	0.00019302	0	0.000142076	0.000442062	0	0.000166157	0.00054607	6.19699E-05	3.72401E-06	1.18789E-05	0.000263094	0.000175688	2.70802E-05	6.31694E-09	6.38534E-08	7.01704E-08	0.070170355	240530	*3812740*
2404103812820	240410	3812820	0.000181034	0	0.000133254	0.000414613	0	0.00015584	0.000512162	5.81219E-05	3.49277E-06	1.11413E-05	0.000246757	0.000164778	2.53986E-05	5.92469E-09	5.98885E-08	6.58131E-08	0.065813148	240540	*3812740*
2404303812820	240430	3812820	0.000170227	0	0.000125299	0.000389862	0	0.000146537	0.000481588	5.46522E-05	3.28426E-06	1.04762E-05	0.000232027	0.000154942	2.38824E-05	5.57101E-09	5.63133E-08	6.18843E-08	0.061884336	240550	*3812740*
2405503812820	240550	3812820	0.000120478	0	8.868E-05	0.000275924	0	0.000103711	0.000340843	3.868E-05	2.32443E-06	7.41451E-06	0.000164216	0.00010966	1.69027E-05	3.94287E-09	3.98556E-08	4.37985E-08	0.043798483	240560	*3812740*
2405703812820	240570	3812820	0.000114677	0	8.44104E-05	0.000262639	0	9.87177E-05	0.000324433	3.68177E-05	2.21252E-06	7.05754E-06	0.00015631	0.00010438	1.60889E-05	3.75304E-09	3.79368E-08	4.16898E-08	0.041689799	240570	*3812740*
2405903812820	240590	3812820	0.000108969	0	8.02084E-05	0.000249565	0	9.38034E-05	0.000308282	3.49849E-05	2.10238E-06	6.7062E-06	0.000148529	9.91837E-05	1.5288E-05	3.56621E-09	3.60482E-08	3.96144E-08	0.03961441	240580	*3812740*
2406103812820	240610	3812820	0.000104023	0	7.6568E-05	0.000238238	0	8.95461E-05	0.00029429	3.33971E-05	2.00696E-06	6.40184E-06	0.000141788	9.46822E-05	1.45941E-05	3.40435E-09	3.44121E-08	3.78165E-08	0.037816479	240590	*3812740*
2406303812820	240630	3812820	9.9523E-05	0	7.32558E-05	0.000227932	0	8.56724E-05	0.00028156	3.19524E-05	1.92014E-06	6.1249E-06	0.000135654	9.05864E-05	1.39628E-05	3.25708E-09	3.29235E-08	3.61806E-08	0.036180584	240600	*3812740*
2406503812820	240650	3812820	9.49987E-05	0	6.99256E-05	0.00021757	0	8.17777E-05	0.00026876	3.04998E-05	1.83285E-06	5.84646E-06	0.000129487	8.64683E-05	1.33281E-05	3.10902E-09	3.14268E-08	3.45358E-08	0.03453581	240610	*3812740*
2402903812840	240290	3812840	0.000333329	0	0.000245353	0.000763405	0	0.00028694	0.000943018	0.000107017	6.43106E-06	2.05139E-05	0.000454342	0.000303398	4.67651E-05	1.09088E-08	1.10269E-07	1.21178E-07	0.121178319	240620	*3812740*
2403103812840	240310	3812840	0.000309016	0	0.000227457	0.000707722	0	0.00026601	0.000874234	9.92111E-05	5.96198E-06	1.90176E-05	0.000421202	0.000281268	4.33541E-05	1.01131E-08	1.02226E-07	1.1234E-07	0.112339602	240630	*3812740*
2403303812840	240330	3812840	0.000288598	0	0.000212428	0.000660961	0	0.000248434	0.000816471	9.26559E-05	5.56805E-06	1.77611E-05	0.000393372	0.000262684	4.04896E-05	9.44494E-09	9.54721E-08	1.04917E-07	0.104917034	240640	*3812740*
2403503812840	240350	3812840	0.000268498	0	0.000197633	0.000614927	0	0.000231132	0.000759607	8.62027E-05	5.18026E-06	1.65241E-05	0.000365975	0.000244389	3.76696E-05	8.78713E-09	8.88228E-08	9.76099E-08	0.097609887	240540	*3812750*
2403703812840	240370	3812840	0.000250572	0	0.000184438	0.000573871	0	0.0002157	0.000708891	8.04474E-05	4.83439E-06	1.54208E-05	0.000341541	0.000228072	3.51546E-05	8.20045E-09	8.28925E-08	9.10929E-08	0.091092943	240550	*3812750*
2403903812840	240390	3812840	0.000233824	0	0.000172111	0.000535515	0	0.000201283	0.00066151	7.50704E-05	4.51127E-06	1.43901E-05	0.000318712	0.000212828	3.28049E-05	7.65235E-09	7.7352E-08	8.50044E-08	0.085004395	240560	*3812750*

2404103812840	240410	3812840	0.000217394	0	0.000160017	0.000497885	0	0.000187139	0.000615027	6.97953E-05	4.19427E-06	1.3379E-05	0.000296317	0.000197873	3.04998E-05	7.11463E-09	7.19166E-08	7.90313E-08	0.079031269	240570	*3812750*
2404303812840	240430	3812840	0.000202887	0	0.000149338	0.00046466	0	0.000174651	0.000573985	6.51377E-05	3.91438E-06	1.24862E-05	0.000276543	0.000184668	2.84644E-05	6.63985E-09	6.71175E-08	7.37573E-08	0.073757338	240580	*3812750*
2404503812840	240450	3812840	0.000190174	0	0.000139981	0.000435546	0	0.000163708	0.000538021	6.10564E-05	3.66912E-06	1.17038E-05	0.000259216	0.000173098	2.6681E-05	6.22383E-09	6.29122E-08	6.9136E-08	0.06913599	240590	*3812750*
2404550812840	240550	3812840	0.000140682	0	0.000103551	0.000322195	0	0.000121103	0.000398001	4.51665E-05	2.71423E-06	8.6579E-06	0.000191755	0.000128049	1.97373E-05	4.60408E-09	4.65393E-08	5.11434E-08	0.051143364	240600	*3812750*
2404570812840	240570	3812840	0.000133794	0	9.84819E-05	0.000306422	0	0.000115174	0.000378516	4.29553E-05	2.58135E-06	8.23405E-06	0.000182367	0.00012178	1.8771E-05	4.37868E-09	4.42609E-08	4.86396E-08	0.048639578	240610	*3812750*
2404590812840	240590	3812840	0.00012709	0	9.35472E-05	0.000291068	0	0.000109403	0.00035955	4.0803E-05	2.45201E-06	7.82146E-06	0.00017323	0.000115678	1.78304E-05	4.15927E-09	4.20431E-08	4.62024E-08	0.046202383	240620	*3812750*
2406103812840	240610	3812840	0.000120911	0	8.8999E-05	0.000276917	0	0.000104084	0.000342069	3.88192E-05	2.33279E-06	7.44119E-06	0.000164807	0.000110054	1.69635E-05	3.95706E-09	3.9999E-08	4.39561E-08	0.04395608	240630	*3812750*
2406303812840	240630	3812840	0.000115569	0	8.50666E-05	0.000264681	0	9.94851E-05	0.000326955	3.71039E-05	2.22972E-06	7.1124E-06	0.000157525	0.000105191	1.6214E-05	3.78221E-09	3.82317E-08	4.20139E-08	0.04201387	240640	*3812750*
2406503812840	240650	3812840	0.000110159	0	8.10847E-05	0.000252291	0	9.48283E-05	0.00031165	3.53671E-05	2.12535E-06	6.77948E-06	0.000150152	0.000100267	1.5455E-05	3.60517E-09	3.64421E-08	4.00472E-08	0.040047245	240540	*3812760*
2403103812860	240310	3812860	0.000406121	0	0.000298933	0.000930117	0	0.000349601	0.001148954	0.000130387	7.83547E-06	2.49937E-05	0.000553561	0.000369654	5.69777E-05	1.32911E-08	1.3435E-07	1.47641E-07	0.147641198	240550	*3812760*
2403303812860	240330	3812860	0.000372418	0	0.000274125	0.000852927	0	0.000320588	0.001053604	0.000119566	7.18521E-06	2.29195E-05	0.000507621	0.000338976	5.22492E-05	1.21881E-08	1.23201E-07	1.35389E-07	0.135388632	240560	*3812760*
2403503812860	240350	3812860	0.000341517	0	0.00025138	0.000782157	0	0.000293988	0.000966182	0.000109646	6.58903E-06	2.10178E-05	0.000465502	0.00031085	4.79139E-05	1.11768E-08	1.12978E-07	1.24155E-07	0.124154894	240570	*3812760*
2403703812860	240370	3812860	0.000313418	0	0.000230697	0.000717804	0	0.0002698	0.000886689	0.000100624	6.04691E-06	1.92886E-05	0.000427202	0.000285275	4.39717E-05	1.02572E-08	1.03683E-07	1.1394E-07	0.113939983	240580	*3812760*
2403903812860	240390	3812860	0.000289569	0	0.000213143	0.000663184	0	0.00024927	0.000819218	9.29676E-05	5.58678E-06	1.78208E-05	0.000394695	0.000263567	4.06258E-05	9.47671E-09	9.57932E-08	1.0527E-07	0.105269961	240590	*3812760*
2404103812860	240410	3812860	0.000267741	0	0.000197076	0.000613193	0	0.00023048	0.000757465	8.59597E-05	5.16565E-06	1.64775E-05	0.000364943	0.0002437	3.75634E-05	8.76235E-09	8.85723E-08	9.73346E-08	0.097334649	240600	*3812760*
2404303812860	240430	3812860	0.000246958	0	0.000181778	0.000565593	0	0.000212588	0.000698665	7.92869E-05	4.76466E-06	1.51984E-05	0.000336614	0.000224782	3.46475E-05	8.08216E-09	8.16967E-08	8.97789E-08	0.0897789	240610	*3812760*
2404503812860	240450	3812860	0.000230087	0	0.00016936	0.00052697	0	0.000198066	0.00065039	7.38707E-05	4.43918E-06	1.41602E-05	0.000313619	0.000209427	3.22807E-05	7.53006E-09	7.61159E-08	8.3646E-08	0.083645958	240620	*3812760*
2405703812860	240570	3812860	0.000158162	0	0.000116418	0.00036223	0	0.000136151	0.000447455	5.07788E-05	3.05149E-06	9.73371E-06	0.000215582	0.00014396	2.21897E-05	5.17616E-09	5.23221E-08	5.74983E-08	0.057498272	240630	*3812760*
2405903812860	240590	3812860	0.000149565	0	0.00011009	0.000342541	0	0.00012875	0.00042134	4.80187E-05	2.88563E-06	9.20464E-06	0.000203864	0.000136135	2.09836E-05	4.89482E-09	4.94782E-08	5.4373E-08	0.05437298	240640	*3812760*
2406103812860	240610	3812860	0.000142074	0	0.000104576	0.000325384	0	0.000122301	0.00040194	4.56135E-05	2.74109E-06	8.74358E-06	0.000193653	0.000129316	1.99326E-05	4.64964E-09	4.69998E-08	5.16494E-08	0.051649448	240550	*3812770*
2406303812860	240630	3812860	0.000135345	0	9.96234E-05	0.000309974	0	0.000116509	0.00038294	4.34532E-05	2.61127E-06	8.32949E-06	0.000184481	0.000123192	1.89886E-05	4.42943E-09	4.47739E-08	4.92034E-08	0.049203374	240560	*3812770*
2406503812860	240650	3812860	0.000128696	0	9.47292E-05	0.000294746	0	0.000110785	0.00036493	4.13185E-05	2.48299E-06	7.92029E-06	0.000175418	0.00011714	1.80557E-05	4.21183E-09	4.25743E-08	4.67862E-08	0.046786156	240570	*3812770*
2403103812880	240310	3812880	0.000555717	0	0.000409046	0.001272728	0	0.000478378	0.001572174	0.000178416	1.07217E-05	3.42002E-05	0.000757466	0.000505817	7.79656E-05	1.81869E-08	1.83838E-07	2.02025E-07	0.202025276	240580	*3812770*
2403303812880	240330	3812880	0.000494263	0	0.000363812	0.001131983	0	0.000425477	0.001398316	0.000158686	9.53603E-06	3.04182E-05	0.000673702	0.000449881	6.93438E-05	1.61757E-08	1.63509E-07	1.79684E-07	0.179684321	240590	*3812770*
2403503812880	240350	3812880	0.00044648	0	0.00032864	0.001022548	0	0.000384343	0.001263132	0.000143345	8.61413E-06	2.74775E-05	0.000608571	0.00040388	6.26399E-05	1.46119E-08	1.47701E-07	1.62313E-07	0.162313201	240600	*3812770*
2403703812880	240370	3812880	0.000403306	0	0.000296861	0.00092367	0	0.000347178	0.001140991	0.000129483	7.78116E-06	2.48205E-05	0.000549724	0.000367092	5.65828E-05	1.3199E-08	1.33419E-07	1.46618E-07	0.146617931	240610	*3812770*
2403903812880	240390	3812880	0.000367148	0	0.000270246	0.00084086	0	0.000316052	0.001038696	0.000117875	7.08355E-06	2.25952E-05	0.000500439	0.00033418	5.15099E-05	1.20156E-08	1.21457E-07	1.33473E-07	0.133473059	240620	*3812770*
2404103812880	240410	3812880	0.000336302	0	0.000247542	0.000770215	0	0.000289499	0.00095143	0.000107972	6.48842E-06	2.06969E-05	0.000458395	0.000306104	4.71823E-05	1.10061E-08	1.11253E-07	1.22259E-07	0.122259297	240630	*3812770*
2404303812880	240430	3812880	0.000307825	0	0.000226581	0.000704995	0	0.000264985	0.000870866	9.88288E-05	5.93901E-06	1.89444E-05	0.000419579	0.000280184	4.31871E-05	1.00742E-08	1.01833E-07	1.11907E-07	0.111906767	240640	*3812770*
2404503812880	240450	3812880	0.000283818	0	0.000208909	0.00065012	0	0.000244319	0.000802946	9.1121E-05	5.47582E-06	1.74669E-05	0.000386856	0.000258332	3.98189E-05	9.28848E-09	9.38906E-08	1.03179E-07	0.103179034	240550	*3812780*
2404703812880	240470	3812880	0.000263669	0	0.000194078	0.000603866	0	0.000226974	0.000745943	8.46522E-05	5.08708E-06	1.62269E-05	0.000359392	0.000239993	3.6992E-05	8.62907E-09	8.72251E-08	9.58541E-08	0.09585413	240560	*3812780*
2405503812880	240550	3812880	0.000200676	0	0.000147712	0.000459598	0	0.000172748	0.000567732	6.44281E-05	3.87173E-06	1.23501E-05	0.00027353	0.000182657	2.81543E-05	6.56752E-09	6.63863E-08	7.29538E-08	0.072953819	240570	*3812780*
2405703812880	240570	3812880	0.000189204	0	0.000139267	0.000433323	0	0.000162872	0.000535274	6.07448E-05	3.65039E-06	1.16441E-05	0.000257893	0.000172214	2.65448E-05	6.19205E-09	6.2591E-08	6.87831E-08	0.068783063	240580	*3812780*
2405903812880	240590	3812880	0.000178177	0	0.00013115	0.00040868	0	0.00015338	0.000504078	5.72045E-05	3.43764E-06	1.09655E-05	0.000242863	0.000162177	2.49977E-05	5.83118E-09	5.89432E-08	6.47743E-08	0.064774343	240590	*3812780*
2406103812880	240610	3812880	0.000168646	0	0.000124135	0.00038624	0	0.000145175	0.000477114	5.41445E-05	3.25375E-06	1.03789E-05	0.000229871	0.000153502	2.36605E-05	5.51926E-09	5.57902E-08	6.13094E-08	0.061309442	240600	*3812780*
2406303812880	240630	3812880	0.00015997	0	0.000117749	0.000366369	0	0.000137707	0.000452568	5.1359E-05	3.08636E-06	9.84493E-06	0.000218045	0.000145605	2.24433E-05	5.23531E-09	5.292E-08	5.81553E-08	0.058155294	240610	*3812780*
2406503812880	240650	3812880	0.000151586	0	0.000111578	0.00034717	0	0.00013049	0.000428852	4.86675E-05	2.92462E-06	9.32901E-06	0.000206619	0.000137975	2.12672E-05	4.96096E-09	5.01467E-08	5.51077E-08	0.05510769	240620	*3812780*
2403303812900	240330	3812900	0.000673862	0	0.000496009	0.00154331	0	0.000580081	0.001906419	0.000216347	1.30011E-05	4.14712E-05	0.000918504	0.000613353	9.45411E-05	2.20534E-08	2.22922E-07	2.44976E-07	0.244976848	240630	*3812780*
2403503812900	240350	3812900	0.000598243	0	0.000440348	0.001370124	0	0.000514986	0.001692485	0.000192069	1.15422E-05	3.68174E-05	0.000815431	0.000544524	8.39319E-05	1.95787E-08	1.97907E-07	2.17485E-07	0.217485262	240640	*3812780*
2403703812900	240370	3812900	0.000533065	0	0.000392372	0.001220849	0	0.000458878	0.001508089	0.000171143	1.02846E-05	3.28062E-05	0.00072659	0.000485198	7.47876E-05	1.74456E-08	1.76345E-07	1.9379E-07	0.193790309	240650	*3812780*
2403903812900	240390	3812900	0.000475024	0	0.00034965	0.001087921	0	0.000408915	0.001343886	0.000152509	9.16484E-06	2.92342E-05	0.000647478	0.000432369	6.66446E-05	1.55461E-08	1.57144E-07	1.7269E-07	0.172690148	240550	*3812790*
2404103812900	240410	3812900	0.000430208	0	0.000316663	0.000985282	0	0.000370336	0.001217098	0.00013812	8.30019E-06	2.64761E-05	0.000586392	0.000391578	6.0357E-05	1.40794E-08	1.42318E-07	1.56398E-07	0.156397787	240560	*3812790*
2404303812900	240430	3812900	0.000390863	0	0.000287702	0.000895172	0	0.000336467	0.001105787	0.000125488	7.54109E-06	2.40547E-05	0.000532763	0.000355766	5.4837E-05	1.27917E-08	1.29303E-07	1.42094E-07	0.142094248	240570	*3812790*
2404503812900	240450	3812900	0.00035592	0	0.000261982	0.000815144	0	0.000306387	0.00100693	0.00011427	6.86692E-06	2.19042E-05	0.000485134	0.00032396	4.99346E-05	1.16482E-08	1.17743E-07	1.29391E-07	0.12939109	240580	*3812790*
2404703812900	240470	3812900	0.000328481	0	0.000241785	0.00075230	0	0.000282766	0.000929303	0.00010546	6.33752E-06	2.02156E-05	0.000447734	0.000298985	4.6085E-05	1.07502E-08	1.08666E-07	1.19416E-07	0.119415903	240590	*3812790*
2405503812900	240550	3812900	0.000244137	0	0.000179701	0.000559133	0	0.00021016	0.000690685	7.83813E-05	4.71023E-06	1.50248E-05	0.000332769	0.000222215	3.42517E-05	7.98984E-09	8.07636E-08	8.87534E-08	0.088753413	240600	*3812790*
2405703812900	240570	3812900	0.000228579	0	0.00016825	0.000523503	0	0.000196768	0.000646672	7.33865E-05	4.41008E-06	1.40674E-05	0.000311564	0.000208054	3.20691E-05	7.4807E-09	7.5617E-08	8.30977E-08	0.0830977	240610	*3812790*
2405903812900	240590	3812900	0.000214213	0	0.000157675	0.000490599	0	0.000184401	0.000606027	6.8774E-05	4.1329E-06	1.31832E-05	0.000291981	0.000194977	3.00535E-05	7.01052E-09	7.08643E-08	7.78748E-08	0.077874822	240620	*3812790*
2406103812900	240610	3812900	0.00020136	0	0.000148215	0.000461164	0	0.000173337	0.000569666	6.46476E-05	3.88493E-06	1.23922E-05	0.000274463	0.000183279	2.82503E-05	6.5899E-09	6.66125E-08	7.32024E-08	0.073202421	240630	*3812790*
2406303812900	240630	3812900	0.000189991	0	0.000139847	0.000435127	0	0.00016355	0.000537503	6.09976E-05	3.66558E-06	1.16925E-05	0.000258966	0.000172931	2.66553E-05	6.21783E-09	6.28516E-08	6.90694E-08	0.0690694	240640	*3812790*
2406503812900	240650	3812900	0.000179019	0	0.000131771	0.000409998	0	0.000154105	0.000506462	5.7475E-05	3.4539E-06	1.10173E-05	0.000244011	0.000162944	2.51159E-05	5.85875E-09	5.92219E-08	6.50807E-08	0.065080657	240650	*3812790*
2403503812920	240350	3812920	0.000813286	0	0.000598635	0.001862625	0	0.000700101	0.002300861	0.00026111	1.56911E-05	5.00517E-05	0.001108544	0.000740257	0.000114102	2.66164E-08	2.69046E-07	2.95662E-07	0.295661958	240550	*3812800*
2403703812920	240370	3812920	0.000711858	0	0.000523977	0.00163033	0	0.000612789	0.002013912	0.000228546	1.37342E-05	4.38096E-05	0.000970294	0.00064793?	9.98718E-05	2.32969E-08	2.35492E-07	2.58789E-07	0.258788838	240560	*3812800*
2403903812920	240390	3812920	0.000625273	0	0.000460244	0.001432029	0	0.000538254	0.001768955	0.000200747	1.20637E-05	3.84809E-05	0.000852274	0.000569127	8.77242E-05	2.04633E-08	2.06848E-07	2.27312E-07	0.227311731	240570	*3812800*
2404103812920	240410	3812920	0.000556511	0	0.00040963	0.001274546	0	0.000479061	0.00157442	0.00017867	1.0737E-05	3.42491E-05	0.000758548	0.000506539	7.8077E-05	1.82129E-08	1.84101E-07	2.02314E-07	0.202313833	240580	*3812800*
2404303812920	240430	3812920	0.000501028	0	0.000368791	0.001147477	0	0.0004313	0.001417455	0.00016058	9.66655E-06	3.08346E-05	0.000682923	0.000456039	7.02929E-05	1.63971E-08	1.65747E-07	1.82144E-07	0.182143712	240590	*3812800*
2404503812920	240450	3812920	0.000451944	0	0.000332662	0.001035063	0	0.000389047	0.001278592	0.00014509	8.71956E-06	2.78138E-05	0.00061602	0.000411362	6.34066E-05	1.47908E-08	1.49509E-07	1.643E-07	0.164299804	240600	*3812800*
2404703812920	240470	3812920	0.000411702	0	0.000303041	0.00094298	0	0.000354405	0.001164742	0.00013217?	7.94314E-06	2.53372E-05	0.000561167	0.000374733	5.77607E-05	1.34737E-08	1.36196E-07	1.4967E-07	0.149669974	240610	*3812800*
2404903812920	240490	3812920	0.000378413	0	0.000278538	0.000866659	0	0.00032575	0.001070566	0.000121491	7.30089E-06	2.32885E-05	0.000515794	0.000344434	5.30904E-05	1.23843E-08	1.25184E-07	1.37568E-07	0.137568346	240620	*3812800*
2405503812920	240550	3812920	0.000299015	0	0.000220095	0.000684817	0	0.000257401	0.00084594	9.60002E-05	5.76902E-06	1.84021E-05	0.00040757	0.000272165	4.1951E-05	9.78583E-09	9.8918E-08	1.08704E-07	0.108703787	240630	*3812800*
2405703812920	240570	3812920	0.000276985	0	0.00020388	0.000634364	0	0.000238437	0.000783617	8.89275E-05	5.344E-06	1.70464E-05	0.000377543	0.000252114	3.88603E-05	9.06488E-09	9.16303E-08	1.00695E-07	0.100695226	240640	*3812800*
2405903812920	240590	3812920	0.000258393	0	0.000190195	0.000591784	0	0.000222433	0.000731019	8.29585E-05	4.9853E-06	1.59022E-05	0.000352202	0.000235191	3.62519E-05	8.45643E-09	8.54799E-08	9.39363E-08	0.093936337	240650	*3812800*
2406103812920	240610	3812920	0.000241243	0	0.000177571	0.000552505	0	0.000207669	0.000682497	7.74521E-05	4.6544E-06	1.48467E-05	0.000328824	0.00021958	3.38457E-05	7.89513E-09	7.98062E-08	8.77013E-08	0.087701291	240320	*3812810*
2406303812920	240630	3812920	0.000225948	0	0.000166313	0.000517476	0	0.000194503	0.000639227	7.25416E-05	4.35931E-06	1.39054E-05	0.000307977	0.000205659	3.16999E-05	7.39458E-09	8.2141E-08	8.2141E-08	0.082141023	240330	*3812810*
2406503812920	240650	3812920	0.000211819	0	0.000155913	0.000485118	0	0.00018234	0.000599256	6.80056E-05	4.08672E-06	1.30359E-05	0.000288719	0.000192799	2.97177E-05	6.93219E-09	7.00725E-08	7.70047E-08	0.077004712	240340	*3812810*
2403503812940	240350	3812940	0.001108552	0	0.000815971	0.002538856	0	0.000954275	0.003136196	0.000355906	2.13878E-05	6.82231E-05	0.001511004	0.00100901	0.000155527	3.62795E-08	3.66723E-07	4.03003E-07	0.403002869	240390	*3812810*
2403703812940	240370	3812940	0.000951519	0	0.000700384	0.002179213	0	0.000819097	0.002691936	0.00030549	1.83581E-05	5.85589E-05	0.001296962	0.000866078	0.000133496	3.11403E-08	3.14775E-07	3.45915E-07	0.345915235	240400	*3812810*
2403903812940	240390	3812940	0.000826865	0	0.00060863	0.001893724	0	0.000711791	0.002339278	0.000265469	1.59531E-05	5.08874E-05	0.001127053	0.000752617	0.000116007	2.70608E-08	2.73538E-07	3.005987E-07	0.300598499	240410	*3812810*
2404103812940	240410	3812940	0.000722659	0	0.000531927	0.001655067	0	0.000622087	0.002044469	0.000232013	1.39426E-05	4.44743E-05	0.000985016	0.000657768	0.000101387	2.36504E-08	2.39065E-07	2.62715E-07	0.262715431	240420	*3812810*
2404303812940	240430	3812940	0.000642797	0	0.000473143	0.001472162	0	0.000553339	0.001818531	0.000206373	1.24017E-05	3.95593E-05	0.00087616	0.000585077	9.01826E-05	2.10368E-08	2.12645E-07	2.33682E-07	0.233682177	240540	*3812810*
2404503812940	240450	3812940	0.000575432	0	0.000423558	0.001317881	0	0.000495349	0.001627951	0.000184745	1.11021E-05	3.54136E-05	0.000784339	0.000523762	8.07316E-05	1.88321E-08	1.9036E-07	2.09193E-07	0.209192583	240550	*3812810*
2404703812940	240470	3812940	0.00051722	0	0.00038071	0.001184562	0	0.000445239	0.001463264	0.000166056	9.97896E-06	3.18311E-05	0.000704994	0.000470777	7.25647E-05	1.6927E-08	1.71103E-07	1.8803E-07	0.188030271	240560	*3812810*
2404903812940	240490	3812940	0.000471238	0	0.000346864	0.001079251	0	0.000405656	0.001333177	0.000151293	9.0918E-06	2.90012E-05	0.000642318	0.000428924	6.61135E-05	1.54222E-08	1.55892E-07	1.71314E-07	0.171313954	240570	*3812810*
2405703812940	240570	3812940	0.000333475	0	0.000245461	0.00076374	0	0.000287066	0.000943432	0.000107064	6.43388E-06	2.05229E-05	0.000454541	0.000303531	4.67857E-05	1.09136E-08	1.10318E-07	1.21232E-07	0.121231591	240580	*3812810*
2405903812940	240590	3812940	0.000309755	0	0.000228001	0.000709414	0	0.000266646	0.000876325	9.94483E-05	5.97623E-06	1.90631E-05	0.000422209	0.00028194	4.34578E-05	1.01373E-08	1.02471E-07	1.12608E-07	0.112608182	240590	*3812810*
2406103812940	240610	3812940	0.000288098	0	0.00021206	0.000659814	0	0.000248003	0.000815055	9.24952E-05	5.55839E-06	1.77303E-05	0.00039269	0.000262228	4.04193E-05	9.42855E-09	9.53065E-08	1.04735E-07	0.104735021	240600	*3812810*
2406303812940	240630	3812940	0.000268016	0	0.000197278	0.00061382?	0	0.000230716	0.000758242	8.60479E-05	5.17095E-06	1.64944E-05	0.000365318	0.0002439?	3.76019E-05	8.77134E-09	8.86632E-08	9.74345E-08	0.097434534	240610	*3812810*
2406503812940	240650	3812940	0.00024965	0	0.00018376	0.00057176	0	0.000214906	0.000706283	8.01514E-05	4.81661E-06	1.53641E-05	0.000340284	0.000227233	3.50252E-05	8.17028E-09	8.25875E-08	9.07578E-08	0.090757773	240620	*3812810*
2403703812960	240370	3812960	0.001264486	0	0.000930749	0.002895982	0	0.001088507	0.003577346	0.000405969	2.43963E-05	7.78197E-05	0.001723549	0.001150942	0.000177404	4.13827E-08	4.18308E-07	4.59691E-07	0.459690963	240630	*3812810*
2403903812960	240390	3812960	0.001083934	0	0.00079785	0.002482474	0	0.000933083	0.003066548	0.000348002	2.09128E-05	6.67081E-05	0.001477449	0.000986602	0.000152073	3.54738E-08	3.58579E-07	3.94053E-07	0.394053169	240640	*3812810*
2404103812960	240410	3812960	0.000936603	0	0.000689404	0.002145051	0	0.000806256	0.002649736	0.000300701	1.80703E-05	5.7641E-05	0.001276631	0.000852501	0.000131403	3.06521E-08	3.0984E-07	3.40493E-07	0.340492587	240650	*3812810*
2404303812960	240430	3812960	0.000820015	0	0.000603587	0.001878035	0	0.000705893	0.002319897	0.00026327	1.58209E-05	5.04658E-05	0.001117716	0.000746382	0.000115046	2.68366E-08	2.71271E-07	2.98108E-07	0.298108032	240300	*3812820*
2404503812960	240450	3812960	0.000727996	0	0.000535855	0.001667288	0	0.000626681	0.002059566	0.000233727	1.40455E-05	4.48027E-05	0.00099229	0.000662625	0.000102136	2.38251E-08	2.4083E-07	2.64655E-07	0.26465542	240310	*3812820*
2404703812960	240470	3812960	0.000648805	0	0.000477565	0.001485921	0	0.000558511	0.001835528	0.000208302	1.25177E-05	3.99291E-05	0.000884349	0.000590545	9.10256E-05	2.12334E-08	2.14633E-07	2.35866E-07	0.23586633	240320	*3812820*
2404903812960	240490	3812960	0.000583095	0	0.000429198	0.00133543	0	0.000501946	0.001649629	0.000187205	1.12499E-05	3.58852E-05	0.000794784	0.000530736	8.18067E-05	1.90829E-08	1.92895E-07	2.11978E-07	0.211978266	240330	*3812820*
2405103812960	240510	3812960	0.000528919	0	0.000389321	0.001211354	0	0.000455309	0.001496361	0.000169812	1.02047E-05	3.2551E-05	0.00072094	0.000481425	7.42059E-05	1.73099E-08	1.74973E-07	1.92283E-07	0.192283155	240340	*3812820*
2405703812960	240570	3812960	0.000401114	0	0.000295248	0.00091865	0	0.000345291	0.001134789	0.00012878	7.73887E-06	2.46856E-05	0.000546736	0.000365096	5.62753E-05	1.31272E-08	1.32694E-07	1.45821E-07	0.14582107	240350	*3812820*
2405903812960	240590	3812960	0.000369511	0	0.000271986	0.000846271	0	0.000318086	0.001045381	0.000118633	7.12914E-06	2.27407E-05	0.00050366	0.000336331	5.18414E-05	1.2093E-08	1.22239E-07	1.34332E-07	0.13433207	240360	*3812820*
2406103812960	240610	3812960	0.000341193	0	0.000251142	0.000781416	0	0.000293709	0.000965266	0.000109542	6.58278E-06	2.09979E-05	0.000465061	0.000310556	4.78685E-05	1.11662E-08	1.12871E-07	1.24037E-07	0.124037251	240370	*3812820*

2406303812960	240630	3812960	0.000315787	0	0.000232441	0.00072323	0	0.000271839	0.000893391	0.000101385	6.09262E-06	1.94343E-05	0.000430432	0.000287431	4.43041E-05	1.03347E-08	1.04466E-07	1.14801E-07	0.114801214	240380	*3812820*
2406503812960	240650	3812960	0.000292616	0	0.000215386	0.000670162	0	0.000251893	0.000827838	9.39458E-05	5.64557E-06	1.80083E-05	0.000398848	0.000266341	4.10532E-05	9.57642E-09	9.68012E-08	1.06378E-07	0.106377575	240390	*3812820*
2403703812980	240370	3812980	0.001660294	0	0.001222091	0.003802481	0	0.001429231	0.004697125	0.000533046	3.20328E-05	0.000102179	0.002263053	0.001511209	0.000232935	5.43363E-08	5.49247E-07	6.03583E-07	0.603583141	240400	*3812820*
2403903812980	240390	3812980	0.0013998	0	0.001030349	0.003205886	0	0.00120499	0.003960164	0.000449413	2.70069E-05	8.61473E-05	0.001907989	0.001274106	0.000196388	4.58112E-08	4.63072E-07	5.08883E-07	0.508883238	240410	*3812820*
2404103812980	240410	3812980	0.001197817	0	0.000881676	0.002743295	0	0.001031117	0.003388736	0.000384565	2.311E-05	7.37167E-05	0.001632677	0.00109026	0.000168051	3.92009E-08	3.96254E-07	4.35454E-07	0.435454411	240420	*3812820*
2404303812980	240430	3812980	0.001035461	0	0.00076217	0.002371459	0	0.000891356	0.002929413	0.00033244	1.99776E-05	6.37249E-05	0.001411378	0.000942482	0.000145272	3.38874E-08	3.42544E-07	3.76431E-07	0.376431227	240430	*3812820*
2404503812980	240450	3812980	0.000908633	0	0.000668816	0.002080992	0	0.000782179	0.002570606	0.000291721	1.75306E-05	5.59196E-05	0.001238506	0.000827043	0.000127479	2.97368E-08	3.00588E-07	3.30324E-07	0.330324289	240540	*3812820*
2404703812980	240470	3812980	0.000804115	0	0.000591884	0.001841621	0	0.000692207	0.002274916	0.000258165	1.55141E-05	4.94873E-05	0.001096044	0.00073191	0.000112815	2.63162E-08	2.66012E-07	2.92328E-07	0.292328017	240550	*3812820*
2404903812980	240490	3812980	0.000715876	0	0.000526934	0.001639531	0	0.000616247	0.002025278	0.000229835	1.38117E-05	4.40568E-05	0.00097577	0.000651594	0.000100435	2.34284E-08	2.36821E-07	2.60249E-07	0.26024938	240560	*3812820*
2405103812980	240510	3812980	0.000641704	0	0.000472338	0.001469659	0	0.000552398	0.001815439	0.000206022	1.23807E-05	3.94921E-05	0.00087467	0.000584082	9.00293E-05	2.1001E-08	2.12284E-07	2.33285E-07	0.233284856	240570	*3812820*
2405303812980	240530	3812980	0.000577679	0	0.000425212	0.001323027	0	0.000497284	0.001634308	0.000185467	1.11454E-05	3.55519E-05	0.000787402	0.000525807	8.10469E-05	1.89057E-08	1.91104E-07	2.10009E-07	0.210009421	240580	*3812820*
2405503812980	240550	3812980	0.000523625	0	0.000385424	0.00119923	0	0.000450753	0.001481384	0.000168112	1.01025E-05	3.22252E-05	0.000713724	0.00047607	7.34632E-05	1.71367E-08	1.73222E-07	1.90359E-07	0.190358703	240590	*3812820*
2405703812980	240570	3812980	0.000476251	0	0.000350554	0.001090732	0	0.000409971	0.001347358	0.000152903	9.18852E-06	2.93097E-05	0.000649151	0.000433486	6.68168E-05	1.55862E-08	1.5755E-07	1.73136E-07	0.173136301	240600	*3812820*
2405903812980	240590	3812980	0.0043516	0	0.000320308	0.000996623	0	0.000374599	0.001231107	0.00013971	8.39572E-06	2.67808E-05	0.000593142	0.000396085	6.10518E-05	1.42414E-08	1.43956E-07	1.58198E-07	0.158197937	240610	*3812820*
2406103812980	240610	3812980	0.0039938	0	0.000293971	0.000914679	0	0.000343799	0.001129884	0.000128223	7.70542E-06	2.45789E-05	0.000544373	0.000363518	5.6032E-05	1.30705E-08	1.3212E-07	1.45191E-07	0.145190684	240620	*3812820*
2406303812980	240630	3812980	0.000368327	0	0.000271114	0.000843558	0	0.000317067	0.00104203	0.000118253	7.10629E-06	2.26678E-05	0.000502045	0.000335253	5.16753E-05	1.20542E-08	1.21847E-07	1.33901E-07	0.133901454	240630	*3812820*
2406503812980	240650	3812980	0.000339947	0	0.000250225	0.000778563	0	0.000292637	0.000961742	0.000109142	6.55875E-06	2.09212E-05	0.000463363	0.000309422	4.76937E-05	1.11254E-08	1.12459E-07	1.23584E-07	0.123584439	240640	*3812820*
2403903813000	240390	3813000	0.001777109	0	0.001308074	0.004070014	0	0.001529789	0.005027604	0.000570549	3.42865E-05	0.000109368	0.002422276	0.001617534	0.000249324	5.81593E-08	5.87891E-07	6.4605E-07	0.646049824	240650	*3812820*
2404103813000	240410	3813000	0.001505447	0	0.001108113	0.003447843	0	0.001295935	0.004259049	0.00048331	2.90452E-05	9.26491E-05	0.00205199	0.001370266	0.00021121	4.92687E-08	4.98021E-07	5.4729E-07	0.547290149	240290	*3812830*
2404303813000	240430	3813000	0.001289263	0	0.000948986	0.002952727	0	0.001109836	0.003647443	0.000413924	2.48743E-05	7.93445E-05	0.001757321	0.001173494	0.00018088	4.21936E-08	4.26505E-07	4.68698E-07	0.468698374	240300	*3812830*
2404503813000	240450	3813000	0.001116239	0	0.000821629	0.002556461	0	0.000960892	0.003157943	0.00035874	2.15361E-05	6.86962E-05	0.001521482	0.001016007	0.000156605	3.65311E-08	3.69266E-07	4.05797E-07	0.405797431	240310	*3812830*
2404703813000	240470	3813000	0.000978122	0	0.000719965	0.002240139	0	0.000841997	0.002767197	0.000314031	1.88713E-05	6.01961E-05	0.001333223	0.000890292	0.000137228	3.20109E-08	3.23575E-07	3.55586E-07	0.355586327	240320	*3812830*
2404903813000	240490	3813000	0.000862846	0	0.000635114	0.001976129	0	0.000742764	0.002441071	0.00027721	1.66473E-05	5.31018E-05	0.001176097	0.000785367	0.000121055	2.82383E-08	2.85441E-07	3.13679E-07	0.313679001	240330	*3812830*
2405103813000	240510	3813000	0.000765619	0	0.000563548	0.001753455	0	0.000659068	0.002166006	0.000245806	1.47714E-05	4.71181E-05	0.001043572	0.00069687	0.000107414	2.50564E-08	2.53277E-07	2.78333E-07	0.278333013	240340	*3812830*
2405303813000	240530	3813000	0.000683595	0	0.000503173	0.0015656	0	0.000588459	0.001933953	0.000219471	1.31889E-05	4.20702E-05	0.000931769	0.000622212	9.59065E-05	2.2372E-08	2.26142E-07	2.48514E-07	0.248513997	240350	*3812830*
2405503813000	240550	3813000	0.000615583	0	0.000453112	0.001409837	0	0.000529913	0.001741542	0.000197636	1.18767E-05	3.78846E-05	0.000839067	0.000560307	8.63647E-05	2.01462E-08	2.03643E-07	2.23789E-07	0.223789118	240360	*3812830*
2405703813000	240570	3813000	0.000556712	0	0.000409779	0.001275007	0	0.000479235	0.00157499	0.000178735	1.07409E-05	3.42615E-05	0.000758823	0.000506722	7.81052E-05	1.82195E-08	1.84168E-07	2.02387E-07	0.202387082	240370	*3812830*
2405903813000	240590	3813000	0.000505986	0	0.000372441	0.001158832	0	0.000435568	0.001431481	0.000162449	9.7622E-06	3.11397E-05	0.000689681	0.000460551	7.09885E-05	1.65594E-08	1.67387E-07	1.83946E-07	0.183946083	240380	*3812830*
2406103813000	240610	3813000	0.000462202	0	0.000340212	0.001058556	0	0.000397877	0.001307612	0.000148392	8.91746E-06	2.84451E-05	0.000630001	0.000420699	6.48457E-05	1.51265E-08	1.52902E-07	1.68029E-07	0.168028845	240390	*3812830*
2406303813000	240630	3813000	0.000424023	0	0.00031211	0.000971117	0	0.000365012	0.0011996	0.000136135	8.18086E-06	2.60955E-05	0.000577962	0.000385948	5.94893E-05	1.3877E-08	1.40272E-07	1.54149E-07	0.154149263	240400	*3812830*
2406503813000	240650	3813000	0.00038952	0	0.000286713	0.000892095	0	0.00033531	0.001101987	0.000125057	7.51517E-06	2.3972E-05	0.000530932	0.000354543	5.46486E-05	1.27478E-08	1.28858E-07	1.41606E-07	0.141605921	240410	*3812830*
2403903813020	240390	3813020	0.002229664	0	0.001641186	0.005106476	0	0.001919362	0.006307923	0.000715844	4.30179E-05	0.000137219	0.003039128	0.002029452	0.000312816	7.297E-08	7.37602E-07	8.10572E-07	0.810571594	240420	*3812830*
2404103813020	240410	3813020	0.001854816	0	0.001365272	0.004247983	0	0.001596682	0.005247445	0.000595498	3.57858E-05	0.00011415	0.002528194	0.001688263	0.000260226	6.07024E-08	6.13597E-07	6.743E-07	0.674299535	240430	*3812830*
2404303813020	240430	3813020	0.001572244	0	0.00115728	0.003600824	0	0.001353435	0.004448022	0.000504777	3.0334E-05	9.67599E-05	0.002143036	0.001431065	0.000220582	5.14547E-08	5.20119E-07	5.71573E-07	0.571573313	240440	*3812830*
2404503813020	240450	3813020	0.001346479	0	0.000991101	0.003083767	0	0.00115909	0.003809313	0.000432294	2.59782E-05	8.28658E-05	0.00183531	0.001225573	0.000188907	4.40661E-08	4.45433E-07	4.89499E-07	0.48949888	240540	*3812830*
2404703813020	240470	3813020	0.001166452	0	0.000858589	0.002671462	0	0.001004117	0.003300001	0.000374495	2.25049E-05	7.17865E-05	0.001580925	0.001061711	0.00016365	3.81744E-08	3.85878E-07	4.24052E-07	0.424051978	240550	*3812830*
2404903813020	240490	3813020	0.001020245	0	0.000750971	0.002336612	0	0.000878258	0.002886368	0.000327555	1.9684E-05	6.27885E-05	0.001390638	0.000928633	0.000143138	3.33895E-08	3.3751E-07	3.709E-07	0.370899815	240560	*3812830*
2405103813020	240510	3813020	0.000898882	0	0.000661639	0.00205866	0	0.000773785	0.00254302	0.00028859	1.73425E-05	5.53195E-05	0.001225215	0.000818167	0.000126111	2.94176E-08	2.97362E-07	3.26779E-07	0.32677948	240570	*3812830*
2405303813020	240530	3813020	0.000798016	0	0.000587395	0.001827652	0	0.000686956	0.00225766	0.000256207	1.53965E-05	4.91119E-05	0.00108773	0.000726358	0.000111959	2.61166E-08	2.63994E-07	2.90111E-07	0.290110569	240580	*3812830*
2405503813020	240550	3813020	0.000713488	0	0.000525177	0.001634063	0	0.000614192	0.002018524	0.000229069	1.37656E-05	4.39099E-05	0.000972516	0.000649421	0.000100101	2.33503E-08	2.36031E-07	2.59381E-07	0.25938149	240590	*3812830*
2405703813020	240570	3813020	0.0006416	0	0.000472262	0.001469421	0	0.000552309	0.001815145	0.000205989	1.23787E-05	3.94857E-05	0.000874528	0.000583988	9.0014E-05	2.09976E-08	2.1225E-07	2.33247E-07	0.233247122	240600	*3812830*
2405903813020	240590	3813020	0.000579932	0	0.00042687	0.001328187	0	0.000499223	0.001640682	0.00018619	1.11889E-05	3.56905E-05	0.000790473	0.000527857	8.13629E-05	1.89794E-08	1.91849E-07	2.10828E-07	0.210828478	240610	*3812830*
2406103813020	240610	3813020	0.000526666	0	0.000387662	0.001206194	0	0.00045337	0.001489987	0.000169089	1.01612E-05	3.24124E-05	0.000717869	0.000479374	7.38898E-05	1.72362E-08	1.74228E-07	1.91464E-07	0.191464097	240620	*3812830*
2406303813020	240630	3813020	0.000480513	0	0.000353691	0.001100492	0	0.00041364	0.001359415	0.000154271	9.27074E-06	2.9572E-05	0.00065496	0.000437365	6.74147E-05	1.57257E-08	1.5896E-07	1.74686E-07	0.174685629	240630	*3812830*
2406503813020	240650	3813020	0.000439379	0	0.000323413	0.001006285	0	0.000378231	0.001243043	0.000141065	8.47712E-06	2.70405E-05	0.000598892	0.000399925	6.16437E-05	1.43795E-08	1.45352E-07	1.59732E-07	0.159731728	240640	*3812830*
2404103813040	240410	3813040	0.002229016	0	0.00164071	0.005104994	0	0.001918805	0.006306092	0.000715637	4.30054E-05	0.000137179	0.003038246	0.002028863	0.000312725	7.29489E-08	7.37387E-07	8.10336E-07	0.81033631	240650	*3812830*
2404303813040	240430	3813040	0.001865592	0	0.001373205	0.004272664	0	0.001605958	0.005277933	0.000598958	3.59937E-05	0.000114813	0.002542883	0.001698072	0.000261738	6.10551E-08	6.17162E-07	6.78217E-07	0.678217248	240290	*3812840*
2404503813040	240450	3813040	0.001581946	0	0.001164421	0.003623043	0	0.001361787	0.00447547	0.000507891	3.05212E-05	9.7357E-05	0.002156261	0.001439896	0.000221943	5.17722E-08	5.23328E-07	5.751E-07	0.575100365	240300	*3812840*
2404703813040	240470	3813040	0.001355601	0	0.000997816	0.003104659	0	0.001166942	0.00383512	0.000435222	2.61542E-05	8.34272E-05	0.001847743	0.001233875	0.000190187	4.43647E-08	4.4845E-07	4.92815E-07	0.492815064	240310	*3812840*
2404903813040	240490	3813040	0.001175831	0	0.000865492	0.002692941	0	0.001012191	0.003326534	0.000377506	2.26858E-05	7.23636E-05	0.001602708	0.001070248	0.000164966	3.84813E-08	3.8898E-07	4.27461E-07	0.427461387	240320	*3812840*
2405103813040	240510	3813040	0.00102944	0	0.000757739	0.002357671	0	0.000886173	0.002912382	0.000330507	1.98614E-05	6.33544E-05	0.001403172	0.000937002	0.000144428	3.36904E-08	3.40552E-07	3.74243E-07	0.374242634	240330	*3812840*
2405303813040	240530	3813040	0.000908792	0	0.000668933	0.002081356	0	0.000782315	0.002571055	0.000291772	1.75337E-05	5.59294E-05	0.001238722	0.000827187	0.000127501	2.9742E-08	3.0064E-07	3.30382E-07	0.330382001	240340	*3812840*
2405503813040	240550	3813040	0.000807968	0	0.00059472	0.001850445	0	0.000695523	0.002285816	0.000259402	1.55885E-05	4.97244E-05	0.001101296	0.000735417	0.000113356	2.64423E-08	2.67286E-07	2.93729E-07	0.293728628	240350	*3812840*
2405703813040	240570	3813040	0.000722952	0	0.000532143	0.001655738	0	0.000622339	0.002045298	0.000232107	1.39482E-05	4.44923E-05	0.000985415	0.000658035	0.000101428	2.366E-08	2.39162E-07	2.62822E-07	0.262821975	240360	*3812840*
2405903813040	240590	3813040	0.000650465	0	0.000478787	0.001489725	0	0.00055994	0.001840226	0.000208835	1.25497E-05	4.00313E-05	0.000886612	0.000592057	9.12586E-05	2.12877E-08	2.15182E-07	2.3647E-07	0.23647008	240370	*3812840*
2406103813040	240610	3813040	0.000588138	0	0.00043291	0.001346981	0	0.000506287	0.001663897	0.000188825	1.13472E-05	3.61955E-05	0.000801658	0.000535327	8.25142E-05	1.9248E-08	1.94564E-07	2.13812E-07	0.213811712	240380	*3812840*
2406303813040	240630	3813040	0.000534524	0	0.000393447	0.001224191	0	0.000460134	0.001512218	0.000171612	1.03128E-05	3.2896E-05	0.000728579	0.000486527	7.49923E-05	1.74933E-08	1.76827E-07	1.94321E-07	0.194320809	240390	*3812840*
2406503813040	240650	3813040	0.000487419	0	0.000358774	0.001116308	0	0.000419585	0.001378952	0.000156488	9.40397E-06	2.9997E-05	0.000664373	0.000443651	6.83835E-05	1.59517E-08	1.61244E-07	1.77196E-07	0.177196073	240400	*3812840*
2404303813060	240430	3813060	0.002137302	0	0.001573202	0.004894946	0	0.001839855	0.006046625	0.000686191	4.12359E-05	0.000131535	0.002913236	0.001945384	0.000299858	6.99473E-08	7.07047E-07	7.76995E-07	0.776994681	240410	*3812840*
2404503813060	240450	3813060	0.001795847	0	0.001321867	0.00411293	0	0.001545919	0.005080616	0.000576565	3.4648E-05	0.000110521	0.002447817	0.00163459	0.000251953	5.87726E-08	5.94089E-07	6.52862E-07	0.652861984	240420	*3812840*
2404703813060	240470	3813060	0.001529705	0	0.001125969	0.0035034	0	0.001316817	0.004327677	0.000491119	2.95133E-05	9.4142E-05	0.002085055	0.001392346	0.000214614	5.00626E-08	5.06046E-07	5.56109E-07	0.556108888	240430	*3812840*
2404903813060	240490	3813060	0.001318137	0	0.000970239	0.003018856	0	0.001134692	0.003729129	0.00042319	2.54314E-05	8.11215E-05	0.001796677	0.001199775	0.000184931	4.31386E-08	4.36057E-07	4.79195E-07	0.479195183	240440	*3812840*
2405103813060	240510	3813060	0.001147873	0	0.000844913	0.00262891	0	0.000988124	0.003247438	0.00036853	2.21464E-05	7.0643E-05	0.0015646	0.0010448	0.000161044	3.75664E-08	3.79731E-07	4.17298E-07	0.417297529	240540	*3812840*
2405303813060	240530	3813060	0.001008644	0	0.000742432	0.002310043	0	0.000868272	0.002853548	0.00032383	1.94602E-05	6.20746E-05	0.001374826	0.000918074	0.00014151	3.30098E-08	3.33673E-07	3.66682E-07	0.366682446	240550	*3812840*
2405503813060	240550	3813060	0.000893124	0	0.000657401	0.002045474	0	0.000768828	0.002526731	0.000286742	1.72314E-05	5.49652E-05	0.001217367	0.000812927	0.000125303	2.92292E-08	2.95457E-07	3.24686E-07	0.324686333	240560	*3812840*
2405703813060	240570	3813060	0.000795958	0	0.00058588	0.001822939	0	0.000685185	0.002251839	0.000255546	1.53568E-05	4.89853E-05	0.001084926	0.000724485	0.000111671	2.60493E-08	2.63313E-07	2.89363E-07	0.289362541	240570	*3812840*
2405903813060	240590	3813060	0.000713934	0	0.000525505	0.001635084	0	0.000614576	0.002019785	0.000229212	1.37742E-05	4.39373E-05	0.000973123	0.000649827	0.000100163	2.33649E-08	2.36179E-07	2.59544E-07	0.259543525	240580	*3812840*
2406103813060	240610	3813060	0.000643883	0	0.000473943	0.001474651	0	0.000554274	0.001821605	0.000206722	1.24227E-05	3.96262E-05	0.000877641	0.000586066	9.03351E-05	2.10723E-08	2.13005E-07	2.34077E-07	0.234077278	240590	*3812840*
2406303813060	240630	3813060	0.000583626	0	0.000429589	0.001336647	0	0.000502403	0.001651132	0.00018737	1.12601E-05	3.59178E-05	0.000795508	0.00053122	8.18812E-05	1.91003E-08	1.93071E-07	2.12171E-07	0.212171377	240600	*3812840*
2406503813060	240650	3813060	0.000531215	0	0.000391011	0.001216612	0	0.000457286	0.001502855	0.000170549	1.0249E-05	3.26923E-05	0.000724069	0.000483515	7.4528E-05	1.7385E-08	1.75733E-07	1.93118E-07	0.19311775	240610	*3812840*
2405103813080	240510	3813080	0.001241791	0	0.000914044	0.002844005	0	0.001068971	0.00351314	0.00039863	2.39584E-05	7.6423E-05	0.001692615	0.001130285	0.00017422	4.064E-08	4.108E-07	4.5144E-07	0.451440458	240620	*3812840*
2405303813080	240530	3813080	0.00108866	0	0.000801329	0.002493297	0	0.000937151	0.003079918	0.00034952	2.1004E-05	6.69989E-05	0.00148389	0.000990904	0.000152736	3.56285E-08	3.60143E-07	3.95771E-07	0.395771192	240630	*3812840*
2405503813080	240550	3813080	0.000962137	0	0.000708199	0.00220353	0	0.000828237	0.002721975	0.000308899	1.85629E-05	5.92124E-05	0.001311435	0.000875742	0.000134985	3.14878E-08	3.18287E-07	3.49775E-07	0.349775237	240640	*3812840*
2405703813080	240570	3813080	0.000856264	0	0.000630269	0.001961055	0	0.000737098	0.00242245	0.000274908	1.65203E-05	5.26967E-05	0.001167125	0.000779376	0.000120132	2.80229E-08	2.83263E-07	3.11286E-07	0.311286199	240650	*3812840*
2405903813080	240590	3813080	0.000766779	0	0.000564402	0.001756112	0	0.000660067	0.002169288	0.000246178	1.47938E-05	4.71895E-05	0.001045153	0.000697926	0.000107577	2.50943E-08	2.5366E-07	2.78755E-07	0.278754749	240300	*3812850*
2406103813080	240610	3813080	0.000690549	0	0.000508292	0.001581527	0	0.000594446	0.001953627	0.000221704	1.33231E-05	4.24982E-05	0.000941249	0.000628542	9.68822E-05	2.25996E-08	2.28443E-07	2.51042E-07	0.251042198	240310	*3812850*
2406303813080	240630	3813080	0.000624986	0	0.000460033	0.001431372	0	0.000538007	0.001768143	0.000200655	1.20581E-05	3.84632E-05	0.000851883	0.000568866	8.76839E-05	2.04539E-08	2.06754E-07	2.27207E-07	0.227207406	240320	*3812850*
2406503813080	240650	3813080	0.00056813	0	0.000418183	0.001301157	0	0.000489063	0.001607292	0.000182401	1.09612E-05	3.49642E-05	0.000774386	0.000517115	7.97071E-05	1.85931E-08	1.87945E-07	2.06538E-07	0.206537861	240330	*3812850*
2405303813100	240530	3813100	0.001139258	0	0.000838572	0.002609179	0	0.000980707	0.003223065	0.000365764	2.19802E-05	7.01128E-05	0.001552858	0.001036958	0.000159835	3.72844E-08	3.76881E-07	4.14166E-07	0.414165578	240340	*3812850*
2405503813100	240550	3813100	0.001007417	0	0.000741528	0.002307232	0	0.000867215	0.002850076	0.000323436	1.94365E-05	6.1999E-05	0.001373153	0.000916956	0.000141338	3.29697E-08	3.33267E-07	3.66236E-07	0.366236293	240350	*3812850*
2405703813100	240570	3813100	0.000897105	0	0.000660331	0.002054591	0	0.000772255	0.002537993	0.00028802	1.73082E-05	5.52102E-05	0.001222793	0.00081655	0.000125861	2.93595E-08	2.96774E-07	3.26134E-07	0.326133557	240360	*3812850*
2405903813100	240590	3813100	0.000803786	0	0.000591642	0.001840866	0	0.000691923	0.002273984	0.000258059	1.55078E-05	4.9467E-05	0.001095595	0.00073161	0.000112769	2.63054E-08	2.65903E-07	2.92208E-07	0.292208155	240370	*3812850*
2406103813100	240610	3813100	0.000724167	0	0.000533037	0.001658521	0	0.000623385	0.002048736	0.000232497	1.39717E-05	4.45671E-05	0.000987071	0.000659141	0.000101599	2.36998E-08	2.39564E-07	2.63264E-07	0.263263688	240380	*3812850*
2406303813100	240630	3813100	0.000655625	0	0.000482585	0.001501541	0	0.000564381	0.001854822	0.000210492	1.26492E-05	4.03488E-05	0.000893645	0.000596753	9.19824E-05	2.14566E-08	2.16889E-07	2.38346E-07	0.238345699	240390	*3812850*
2406503813100	240650	3813100	0.000596179	0	0.000438829	0.001365397	0	0.000513209	0.001686647	0.000191406	1.15023E-05	3.66904E-05	0.000812618	0.000542646	8.36424E-05	1.95111E-08	1.97224E-07	2.16735E-07	0.216735014	240400	*3812850*
2404203813060	240420	3813060	0.002346618	0	0.001727273	0.005374331	0	0.00202004	0.006638799	0.000753393	4.52743E-05	0.000144417	0.003198543	0.002135905	0.000329224	7.67296E-08	7.76292E-07	8.53089E-07	0.853089329	240420	*3812850*
2404403813080	240440	3813080	0.002141589	0	0.001576357	0.004904763	0	0.001843544	0.006058751	0.000687568	4.13186E-05	0.000131799	0.002919078	0.001949286	0.000300459	7.00876E-08	7.08465E-07	7.78553E-07	0.778552888	240430	*3812850*
2404603813080	240460	3813080	0.001803558	0	0.001327543	0.004130591	0	0.001552558	0.005102433	0.000579041	3.47968E-05	0.000110996	0.002458328	0.001641609	0.000253034	5.90249E-08	5.9664E-07	6.55665E-07	0.655665424	240440	*3812850*
2404803813080	240480	3813080	0.001540061	0	0.001133591	0.003527116	0	0.001325731	0.004356973	0.000494444	2.9713E-05	9.47793E-05	0.002099169	0.001401771	0.000216066	5.04015E-08	5.09472E-07	5.59873E-07	0.559873445	240450	*3812850*

2404603813100	240460	3813100	0.001886327	0	0.001388467	0.004320152	0	0.001623808	0.005336594	0.000605615	3.63937E-05	0.000116089	0.002571146	0.001716945	0.000264647	6.17337E-08	6.24022E-07	6.85755E-07	0.68575524	240550	*3812850*
2404803813100	240480	3813100	0.001610014	0	0.001185081	0.003687326	0	0.001385948	0.004554877	0.000516903	3.10627E-05	9.90844E-05	0.002194518	0.001465443	0.000225881	5.26908E-08	5.32613E-07	5.85304E-07	0.585304178	240560	*3812850*
2405003813100	240500	3813100	0.001391564	0	0.001024287	0.003187022	0	0.0011979	0.003936862	0.000446768	2.6848E-05	8.56404E-05	0.001896762	0.001266609	0.000195233	4.55416E-08	4.60347E-07	5.05889E-07	0.505888907	240570	*3812850*
2405203813100	240520	3813100	0.001215084	0	0.000894386	0.002782841	0	0.001045981	0.003437586	0.000390109	2.34431E-05	7.47794E-05	0.001656213	0.001105976	0.000170473	3.9766E-08	4.01966E-07	4.41732E-07	0.441731631	240580	*3812850*
2405003813550	240500	3813550	0.000155378	0	0.000114369	0.000355854	0	0.000133754	0.000439579	4.98849E-05	2.99777E-06	9.56236E-06	0.000211787	0.000141426	2.17991E-05	5.08505E-09	5.14011E-08	5.64861E-08	0.056486104	240590	*3812850*
2405203813550	240520	3813550	0.000153571	0	0.000113039	0.000351715	0	0.000132198	0.000434466	4.93046E-05	2.96291E-06	9.45113E-06	0.000209324	0.000139781	2.15456E-05	5.0259E-09	5.08032E-08	5.58291E-08	0.055829082	240600	*3812850*
2405403813550	240540	3813550	0.000151629	0	0.000111609	0.000347268	0	0.000130527	0.000428973	4.86813E-05	2.92545E-06	9.33164E-06	0.000206677	0.000138014	2.12732E-05	4.96236E-09	5.01609E-08	5.51232E-08	0.055123228	240610	3812850
2405603813550	240560	3813550	0.00014962	0	0.000110131	0.000342667	0	0.000128798	0.0004232	4.80363E-05	2.88669E-06	9.20802E-06	0.000203939	0.000136185	2.09913E-05	4.89661E-09	4.94963E-08	5.4393E-08	0.054392957	240620	3812850
2405803813550	240580	3813550	0.000147398	0	0.000108495	0.000337577	0	0.000126885	0.000417002	4.73228E-05	2.84381E-06	9.07124E-06	0.00020091	0.000134162	2.06795E-05	4.82388E-09	4.87611E-08	5.3585E-08	0.053584998	240630	3812850
2406003813550	240600	3813550	0.000145078	0	0.000106787	0.000332263	0	0.000124887	0.000410438	4.65779E-05	2.79905E-06	8.92845E-06	0.000197747	0.00013205	2.0354E-05	4.74795E-09	4.79936E-08	5.27415E-08	0.052741524	240640	3812850
2406203813550	240620	3813550	0.000142623	0	0.00010498	0.000326642	0	0.000122774	0.000403494	4.57899E-05	2.75169E-06	8.7774E-06	0.000194402	0.000129816	2.00097E-05	4.66762E-09	4.71816E-08	5.18492E-08	0.051849218	240650	3812850
2406403813550	240640	3813550	0.00014012	0	0.000103138	0.000320909	0	0.000120619	0.000396412	4.49862E-05	2.70339E-06	8.62333E-06	0.000190989	0.000127538	1.96584E-05	4.58569E-09	4.63535E-08	5.09392E-08	0.050939154	240300	3812860
2406603813550	240660	3813550	0.000137629	0	0.000101304	0.000315204	0	0.000118475	0.000389364	4.41864E-05	2.65533E-06	8.47002E-06	0.000187594	0.00012527	1.93089E-05	4.50417E-09	4.55294E-08	5.00335E-08	0.05003353	240310	3812860
2406803813570	240460	3813570	0.000145157	0	0.000106846	0.000332445	0	0.000124956	0.000410663	4.66034E-05	2.80058E-06	8.93334E-06	0.000197855	0.000132123	2.03652E-05	4.75054E-09	4.80198E-08	5.27704E-08	0.05277038	240320	3812860
2404803813570	240480	3813570	0.00014451	0	0.000106369	0.000330963	0	0.000124398	0.000408832	4.63956E-05	2.78809E-06	8.89351E-06	0.000196973	0.000131534	2.02743E-05	4.72936E-09	4.78057E-08	5.25351E-08	0.052535095	240330	3812860
2405003813570	240500	3813570	0.000143515	0	0.000105637	0.000328684	0	0.000123542	0.000406016	4.60761E-05	2.76889E-06	8.83226E-06	0.000195617	0.000130628	2.01347E-05	4.69679E-09	4.74765E-08	5.21733E-08	0.052173289	240340	3812860
2405203813570	240520	3813570	0.00014222	0	0.000104684	0.000325719	0	0.000122427	0.00040254	4.56605E-05	2.74392E-06	8.7526E-06	0.000193852	0.00012945	1.99531E-05	4.65443E-09	4.70483E-08	5.17027E-08	0.05170272	240350	3812860
2405403813570	240540	3813570	0.000140718	0	0.000103578	0.000322279	0	0.000121134	0.000398105	4.51783E-05	2.71494E-06	8.66016E-06	0.000191805	0.000128082	1.97424E-05	4.60527E-09	4.65514E-08	5.11567E-08	0.051156682	240360	3812860
2405603813570	240560	3813570	0.000138893	0	0.000102235	0.000318098	0	0.000119563	0.00039294	4.45922E-05	2.67971E-06	8.54781E-06	0.000189317	0.000126421	1.94863E-05	4.54553E-09	4.59475E-08	5.0493E-08	0.050493001	240370	3812860
2405803813570	240580	3813570	0.000137012	0	0.00010085	0.000313791	0	0.000117944	0.00038762	4.39884E-05	2.64343E-06	8.43207E-06	0.000186753	0.000124709	1.92224E-05	4.48398E-09	4.53254E-08	4.98093E-08	0.049809343	240380	3812860
2406003813570	240600	3813570	0.000134906	0	9.92998E-05	0.000308967	0	0.000116131	0.00038166	4.33121E-05	2.60279E-06	8.30243E-06	0.000183882	0.000122792	1.89269E-05	4.41505E-09	4.46285E-08	4.90436E-08	0.049043558	240390	3812860
2406203813570	240620	3813570	0.000132762	0	9.77223E-05	0.000304059	0	0.000114286	0.00037597	4.2624E-05	2.56144E-06	8.17054E-06	0.000180961	0.000120841	1.86262E-05	4.34491E-09	4.39195E-08	4.82645E-08	0.048264455	240400	3812860
2406403813570	240640	3813570	0.000130601	0	9.61314E-05	0.000299108	0	0.000112425	0.00036948	4.19301E-05	2.51974E-06	8.03752E-06	0.000178015	0.000118874	1.8323E-05	4.27417E-09	4.32045E-08	4.74787E-08	0.047478692	240410	3812860
2406603813570	240660	3813570	0.000128513	0	9.45944E-05	0.000294326	0	0.000110628	0.00036375	4.12597E-05	2.47945E-06	7.90901E-06	0.000175169	0.000116973	1.803E-05	4.20583E-09	4.25137E-08	4.67196E-08	0.046719566	240420	3812860
2404603813590	240460	3813590	0.00013435	0	9.88908E-05	0.000307694	0	0.000115653	0.00038088	4.31337E-05	2.59207E-06	8.26824E-06	0.000183125	0.000122286	1.88489E-05	4.39686E-09	4.44447E-08	4.88416E-08	0.048841568	240430	3812860
2404803813590	240480	3813590	0.000133697	0	9.84099E-05	0.000306198	0	0.00011509	0.00037824	4.2924E-05	2.57947E-06	8.22803E-06	0.000182234	0.000121691	1.87573E-05	4.37548E-09	4.42286E-08	4.86041E-08	0.048604064	240440	3812860
2405003813590	240500	3813590	0.000132958	0	9.78661E-05	0.000304506	0	0.000114454	0.00037615	4.26868E-05	2.56521E-06	8.18257E-06	0.000181227	0.000121019	1.86536E-05	4.3513E-09	4.39842E-08	4.83355E-08	0.048335484	240450	3812860
2405203813590	240520	3813590	0.000131883	0	9.70752E-05	0.000302045	0	0.000113529	0.00037311	4.23418E-05	2.54448E-06	8.11643E-06	0.000179763	0.000120041	1.85029E-05	4.31613E-09	4.36287E-08	4.79448E-08	0.047944822	240560	3812860
2405403813590	240540	3813590	0.000130638	0	9.61583E-05	0.000299192	0	0.000112457	0.00036958	4.19419E-05	2.52045E-06	8.03978E-06	0.000178065	0.000118907	1.83281E-05	4.27537E-09	4.32166E-08	4.7492E-08	0.04749201	240570	3812860
2405603813590	240560	3813590	0.000129093	0	9.50213E-05	0.000295654	0	0.000111127	0.00036521	4.14459E-05	2.49065E-06	7.94471E-06	0.000175959	0.000117501	1.81114E-05	4.22482E-09	4.27056E-08	4.69304E-08	0.046930434	240580	3812860
2405803813590	240580	3813590	0.000127524	0	9.38663E-05	0.000292061	0	0.000109776	0.00036077	4.09421E-05	2.46037E-06	7.84814E-06	0.00017382	0.000116073	1.78912E-05	4.17346E-09	4.21865E-08	4.636E-08	0.04635998	240590	3812860
2406003813590	240600	3813590	0.000125735	0	9.25495E-05	0.000287964	0	0.000108236	0.00035715	4.03678E-05	2.42586E-06	7.73804E-06	0.000171382	0.000114444	1.76403E-05	4.11491E-09	4.15947E-08	4.57096E-08	0.045709617	240600	3812860
2406203813590	240620	3813590	0.000123952	0	9.12372E-05	0.00028388	0	0.000106702	0.00035067	3.97954E-05	2.39146E-06	7.62832E-06	0.000168952	0.000112822	1.73901E-05	4.05657E-09	4.10049E-08	4.50615E-08	0.045061474	240610	3812860
2406403813590	240640	3813590	0.000122102	0	8.98754E-05	0.000279643	0	0.000105109	0.00034538	3.92014E-05	2.35576E-06	7.51446E-06	0.0001664	0.000111138	1.71306E-05	3.99602E-09	4.03929E-08	4.43889E-08	0.044388915	240620	3812860
2406603813590	240660	3813590	0.000120252	0	8.85137E-05	0.000275406	0	0.000103516	0.00034204	3.86075E-05	2.32007E-06	7.40061E-06	0.000163909	0.000109454	1.6871E-05	3.93547E-09	3.97809E-08	4.37164E-08	0.043716355	240630	3812860
2406803813590	240680	3813590	0.000118109	0	8.69362E-05	0.000270498	0	0.000101672	0.00033414	3.79194E-05	2.27872E-06	7.26872E-06	0.000160987	0.000107503	1.65703E-05	3.86534E-09	3.90719E-08	4.29373E-08	0.042937252	240640	3812860
2404603813610	240460	3813610	0.000124508	0	9.16461E-05	0.000285153	0	0.00010718	0.00033522	3.99738E-05	2.40218E-06	7.66251E-06	0.000169709	0.000113327	1.74681E-05	4.07475E-09	4.11887E-08	4.52635E-08	0.045263464	240650	3812860
2404803813610	240480	3813610	0.00012405	0	9.13495E-05	0.00028423	0	0.000106833	0.00033511	3.98444E-05	2.3944E-06	7.63771E-06	0.00016916	0.000112961	1.74115E-05	4.06156E-09	4.10554E-08	4.5117E-08	0.045116966	240310	3812870
2405003813610	240500	3813610	0.000123476	0	9.08866E-05	0.00028279	0	0.000106292	0.00034932	3.96425E-05	2.38227E-06	7.59901E-06	0.000168303	0.000112388	1.73233E-05	4.04098E-09	4.08474E-08	4.48883E-08	0.04488834	240320	3812870
2405203813610	240520	3813610	0.000122609	0	9.02484E-05	0.000280804	0	0.000105545	0.00034681	3.93641E-05	2.36554E-06	7.54565E-06	0.000167121	0.000111599	1.72017E-05	4.01261E-09	4.05605E-08	4.45731E-08	0.044573147	240330	3812870
2405403813610	240540	3813610	0.000120325	0	8.85676E-05	0.000275574	0	0.00010358	0.00034011	3.8631E-05	2.32148E-06	7.40512E-06	0.000164008	0.000109521	1.68813E-05	3.93787E-09	3.98051E-08	4.3743E-08	0.043742992	240340	3812870
2405603813610	240560	3813610	0.000118951	0	8.75564E-05	0.000272428	0	0.000102397	0.00033652	3.81899E-05	2.29498E-06	7.32057E-06	0.000162136	0.00010827	1.66886E-05	3.89291E-09	3.93507E-08	4.32436E-08	0.043243566	240350	3812870
2405803813610	240580	3813610	0.000117413	0	8.64239E-05	0.000268904	0	0.000101072	0.00033217	3.76959E-05	2.26529E-06	7.22588E-06	0.000160039	0.00010687	1.64727E-05	3.84256E-09	3.88417E-08	4.26842E-08	0.04268421	240360	3812870
2406003813610	240600	3813610	0.000115929	0	8.53318E-05	0.000265506	0	0.97952E-05	0.00032797	3.72196E-05	2.23667E-06	7.13457E-06	0.000158016	0.000105519	1.62645E-05	3.794E-09	3.83508E-08	4.21448E-08	0.042144831	240370	3812870
2406203813610	240620	3813610	0.000114427	0	8.42262E-05	0.000262066	0	9.85023E-05	0.00032325	3.67374E-05	2.20769E-06	7.04213E-06	0.000155969	0.000104152	1.60538E-05	3.74485E-09	3.78539E-08	4.15988E-08	0.041598793	240380	3812870
2406403813610	240640	3813610	0.000114274	0	8.41138E-05	0.000261716	0	9.83709E-05	0.00032293	3.66884E-05	2.20474E-06	7.03274E-06	0.000155761	0.000104013	1.60324E-05	3.73985E-09	3.78035E-08	4.15433E-08	0.041543301	240390	3812870
2406603813610	240660	3813610	0.000112608	0	8.28869E-05	0.000257899	0	9.6936E-05	0.00031857	3.61532E-05	2.17259E-06	6.93016E-06	0.000153489	0.000102496	1.57985E-05	3.6853E-09	3.7252E-08	4.09373E-08	0.040937332	240400	3812870
2406803813610	240680	3813610	0.000110898	0	8.16285E-05	0.000253983	0	9.54643E-05	0.00031374	3.56043E-05	2.1396E-06	6.82494E-06	0.000151159	0.00010094	1.55587E-05	3.62935E-09	3.66865E-08	4.03158E-08	0.040315825	240410	3812870
2404603813630	240460	3813630	0.000115709	0	8.517E-05	0.000265003	0	9.9606E-05	0.00032735	3.7149E-05	2.23243E-06	7.12104E-06	0.000157717	0.000105319	1.62337E-05	3.78681E-09	3.82781E-08	4.20649E-08	0.042064923	240420	3812870
2404803813630	240480	3813630	0.000114818	0	8.45138E-05	0.000262961	0	9.88386E-05	0.0003248	3.68628E-05	2.21523E-06	7.06618E-06	0.000156502	0.000104508	1.61086E-05	3.75763E-09	3.79832E-08	4.17409E-08	0.041740851	240430	3812870
2405003813630	240500	3813630	0.000114079	0	8.397E-05	0.000261269	0	9.82027E-05	0.0003224	3.66256E-05	2.20098E-06	7.02071E-06	0.000155495	0.000103835	1.6005E-05	3.73346E-09	3.77388E-08	4.14723E-08	0.041472271	240440	3812870
2405203813630	240520	3813630	0.000113218	0	8.33363E-05	0.000259297	0	9.74616E-05	0.00032034	3.63492E-05	2.18437E-06	6.96773E-06	0.000154321	0.000103052	1.58842E-05	3.70528E-09	3.7454E-08	4.11593E-08	0.041159298	240450	3812870
2405403813630	240540	3813630	0.000112168	0	8.25633E-05	0.000256892	0	9.65575E-05	0.00031733	3.60121E-05	2.1641E-06	6.90311E-06	0.00015289	0.000102096	1.57369E-05	3.67091E-09	3.71066E-08	4.07775E-08	0.040777515	240460	3812870
2405603813630	240560	3813630	0.000111081	0	8.17634E-05	0.000254403	0	9.5622E-05	0.00031429	3.56631E-05	2.14314E-06	6.83622E-06	0.000151408	0.000101107	1.55844E-05	3.63534E-09	3.67471E-08	4.03824E-08	0.040382415	240560	3812870
2405803813630	240580	3813630	0.000109805	0	8.08241E-05	0.00025148	0	9.45235E-05	0.00031049	3.52534E-05	2.11852E-06	6.75768E-06	0.000149669	9.99451E-05	1.54054E-05	3.59358E-09	3.63249E-08	3.99185E-08	0.039918504	240570	3812870
2406003813630	240600	3813630	0.000108547	0	7.98983E-05	0.0002486	0	9.34407E-05	0.00030709	3.48496E-05	2.09425E-06	6.68027E-06	0.000147955	9.88003E-05	1.52289E-05	3.55242E-09	3.59088E-08	3.94613E-08	0.039461253	240580	3812870
2406203813630	240620	3813630	0.000107271	0	7.8959E-05	0.000245677	0	9.23422E-05	0.00030348	3.44399E-05	2.06963E-06	6.60174E-06	0.000146215	9.76388E-05	1.50499E-05	3.51066E-09	3.54867E-08	3.89973E-08	0.038997342	240590	3812870
2406403813630	240640	3813630	0.000107277	0	7.89635E-05	0.000245691	0	9.23475E-05	0.00030347	3.44419E-05	2.06975E-06	6.60212E-06	0.000146224	9.76443E-05	1.50507E-05	3.51086E-09	3.54887E-08	3.89996E-08	0.038999562	240600	3812870
2406603813630	240660	3813630	0.000105794	0	7.78714E-05	0.000242293	0	9.10703E-05	0.0002993	3.39655E-05	2.04112E-06	6.51081E-06	0.000144201	9.62939E-05	1.48426E-05	3.4623E-09	3.49979E-08	3.84602E-08	0.038460182	240610	3812870
2406803813630	240680	3813630	0.000104322	0	7.67883E-05	0.000238923	0	8.98036E-05	0.00029513	3.34931E-05	2.01273E-06	6.42025E-06	0.000142196	9.49545E-05	1.46361E-05	3.41414E-09	3.45111E-08	3.79252E-08	0.037925242	240620	3812870
2404603813650	240460	3813650	0.000107479	0	7.91118E-05	0.000246153	0	9.2521E-05	0.00030067	3.45066E-05	2.07363E-06	6.61452E-06	0.000146498	9.78277E-05	1.5079E-05	3.51745E-09	3.55554E-08	3.90728E-08	0.039072811	240630	3812870
2404803813650	240480	3813650	0.000107119	0	7.88466E-05	0.000245328	0	9.22108E-05	0.00030048	3.43909E-05	2.06668E-06	6.59235E-06	0.000146007	9.74998E-05	1.50284E-05	3.50566E-09	3.54362E-08	3.89419E-08	0.03894185	240640	3812870
2405003813650	240500	3813650	0.000106508	0	7.83972E-05	0.000243929	0	9.16853E-05	0.00030321	3.41949E-05	2.0549E-06	6.55477E-06	0.000145175	9.69441E-05	1.49428E-05	3.48568E-09	3.52342E-08	3.87199E-08	0.038719883	240650	3812870
2405203813650	240520	3813650	0.000105763	0	7.78489E-05	0.000242223	0	9.1044E-05	0.00029923	3.39557E-05	2.04053E-06	6.50893E-06	0.00014416	9.62661E-05	1.48383E-05	3.4613E-09	3.49878E-08	3.84491E-08	0.038449084	240320	3812880
2405403813650	240540	3813650	0.000104963	0	7.72601E-05	0.000240391	0	9.03555E-05	0.00029695	3.36989E-05	2.0251E-06	6.4597E-06	0.000143069	9.55381E-05	1.47261E-05	3.43512E-09	3.47232E-08	3.81583E-08	0.038158308	240330	3812880
2405603813650	240560	3813650	0.000103901	0	7.64782E-05	0.000237958	0	8.94409E-05	0.00029345	3.33579E-05	2.0046E-06	6.39432E-06	0.000141621	9.45711E-05	1.4577E-05	3.40035E-09	3.43717E-08	3.77721E-08	0.037772085	240340	3812880
2405803813650	240580	3813650	0.000102912	0	7.57501E-05	0.000235693	0	8.85895E-05	0.00029147	3.30403E-05	1.98552E-06	6.33345E-06	0.000140273	9.36708E-05	1.44382E-05	3.36798E-09	3.40445E-08	3.74125E-08	0.037412499	240350	3812880
2406003813650	240600	3813650	0.0001018	0	7.49321E-05	0.000233148	0	8.76329E-05	0.00028803	3.26835E-05	1.96408E-06	6.26506E-06	0.000138758	9.26593E-05	1.42823E-05	3.33162E-09	3.36769E-08	3.70085E-08	0.03700852	240360	3812880
2406203813650	240620	3813650	0.000100671	0	7.41007E-05	0.000230561	0	8.66605E-05	0.00028407	3.23209E-05	1.94229E-06	6.19554E-06	0.000137219	9.16312E-05	1.41239E-05	3.29465E-09	3.33032E-08	3.65979E-08	0.036597881	240370	3812880
2406403813650	240640	3813650	0.94559E-05	0	7.32064E-05	0.000227778	0	8.56146E-05	0.0002813	3.19308E-05	1.91884E-06	6.12077E-06	0.000135563	9.05252E-05	1.39534E-05	3.25488E-09	3.29013E-08	3.61562E-08	0.036156167	240380	3812880
2406603813650	240660	3813650	9.81737E-05	0	7.22626E-05	0.000224842	0	8.45108E-05	0.00027742	3.15191E-05	1.89411E-06	6.04186E-06	0.000133815	8.93582E-05	1.37735E-05	3.21292E-09	3.24771E-08	3.569E-08	0.035690037	240390	3812880
2406803813650	240680	3813650	9.82591E-05	0	7.23255E-05	0.000225037	0	8.45844E-05	0.00027984	3.15466E-05	1.89576E-06	6.04712E-06	0.000133931	8.9436E-05	1.37855E-05	3.21572E-09	3.25054E-08	3.57211E-08	0.035721112	240400	3812880
2404603813670	240460	3813670	0.000100439	0	7.39299E-05	0.00023003	0	8.64608E-05	0.00028451	3.22464E-05	1.93781E-06	6.18126E-06	0.000136903	9.142E-05	1.40913E-05	3.28706E-09	3.32265E-08	3.65135E-08	0.036513534	240410	3812880
2404803813670	240480	3813670	0.000100201	0	7.37547E-05	0.000229484	0	8.62558E-05	0.00028347	3.21699E-05	1.93322E-06	6.16661E-06	0.000136578	9.12033E-05	1.40579E-05	3.27926E-09	3.31477E-08	3.6427E-08	0.036426967	240420	3812880
2405003813670	240500	3813670	9.97733E-05	0	7.34401E-05	0.000228505	0	8.58879E-05	0.00028268	3.20327E-05	1.92497E-06	6.14031E-06	0.000135995	9.08142E-05	1.39979E-05	3.26528E-09	3.30063E-08	3.62716E-08	0.03627159	240430	3812880
2405203813670	240520	3813670	9.91689E-05	0	7.29951E-05	0.000227121	0	8.53676E-05	0.00028058	3.18387E-05	1.91331E-06	6.10311E-06	0.000135171	9.0264E-05	1.39131E-05	3.24549E-09	3.28064E-08	3.60518E-08	0.036051843	240440	3812880
2405403813670	240540	3813670	9.83507E-05	0	7.23929E-05	0.000225247	0	8.46633E-05	0.00027843	3.1576E-05	1.89752E-06	6.05275E-06	0.000134056	8.95193E-05	1.37983E-05	3.21872E-09	3.25357E-08	3.57544E-08	0.035754407	240450	3812880
2405603813670	240560	3813670	9.74226E-05	0	7.17098E-05	0.000223122	0	8.38644E-05	0.00027516	3.1278E-05	1.87962E-06	5.99564E-06	0.000132791	8.86746E-05	1.36681E-05	3.18834E-09	3.22287E-08	3.5417E-08	0.035417018	240460	3812880
2405803813670	240580	3813670	9.65495E-05	0	7.10671E-05	0.000221122	0	8.31128E-05	0.00027314	3.09977E-05	1.86277E-06	5.94191E-06	0.000131601	8.78799E-05	1.35456E-05	3.15977E-09	3.19398E-08	3.50996E-08	0.035099605	240550	3812880
2406003813670	240600	3813670	9.55482E-05	0	7.03301E-05	0.000218829	0	8.22508E-05	0.00027031	3.06762E-05	1.84345E-06	5.88028E-06	0.000130236	8.69685E-05	1.34052E-05	3.127E-09	3.16086E-08	3.47356E-08	0.03473558	240560	3812880
2406203813670	240620	3813670	9.45835E-05	0	6.962E-05	0.000216619	0	8.14203E-05	0.00026785	3.03665E-05	1.82484E-06	5.82091E-06	0.000128921	8.60904E-05	1.32698E-05	3.09543E-09	3.12894E-08	3.43849E-08	0.034384872	240570	3812880
2406403813670	240640	3813670	9.35089E-05	0	6.8829E-05	0.000214158	0	8.04953E-05	0.00026545	3.00215E-05	1.80411E-06	5.75478E-06	0.000127457	8.51123E-05	1.3119E-05	3.06026E-09	3.0934E-08	3.39942E-08	0.033994211	240580	3812880
2406603813670	240660	3813670	9.24709E-05	0	6.8065E-05	0.000211781	0	7.96018E-05	0.00026109	2.96882E-05	1.78408E-06	5.6909E-06	0.000126042	8.41675E-05	1.29734E-05	3.02629E-09	3.05906E-08	3.36169E-08	0.033616867	240590	3812880
2406803813670	240680	3813670	9.14696E-05	0	6.73279E-05	0.000209488	0	7.87398E-05	0.00025776	2.93668E-05	1.76476E-06	5.62927E-06	0.000124677	8.32561E-05	1.28329E-05	2.99352E-09	3.02593E-08	3.32528E-08	0.033252842	240600	3812880
2404603813690	240460	3813690	9.4034E-05	0	6.92155E-05	0.000215361	0	8.09473E-05	0.00026031	3.01901E-05	1.81424E-06	5.78709E-06	0.000128172	8.55902E-05	1.31927E-05	3.07744E-09	3.11077E-08	3.41851E-08	0.034185102	240610	3812880
2404803813690	240480	3813690	9.38264E-05	0	6.90627E-05	0.000214885	0	8.07686E-05	0.00026443	3.01234E-05	1.81023E-06	5.77432E-06	0.000127889	8.54013E-05	1.31636E-05	3.07065E-09	3.1039E-08	3.41096E-08	0.034109634	240620	3812880
2405003813690	240500	3813690	9.34845E-05	0	6.8811E-05	0.000214102	0	8.04743E-05	0.00026476	3.00136E-05	1.80364E-06	5.75327E-06	0.000127423	8.50901E-05	1.31156E-05	3.05946E-09	3.09259E-08	3.39853E-08	0.033985332	240630	3812880
2405203813690	240520	3813690	9.28189E-05	0	6.83211E-05	0.000212578	0	7.99014E-05	0.00026293	2.98E-05	1.7908E-06	5.71232E-06	0.000126516	8.44843E-05	1.30223E-05	3.03768E-09	3.07057E-08	3.37434E-08	0.033743388	240640	3812880
2405403813690	240540	3813690	9.23854E-05	0	6.80021E-05	0.000211585	0	7.95282E-05	0.00026136	2.96608E-05	1.78243E-06	5.68564E-06	0.000125925	8.40897E-05	1.29614E-05	3.02349E-09	3.05623E-08	3.35858E-08	0.033585792	240650	3812880

2405603813690	240560	3813690	9.16467E-05	0	6.74582E-05	0.000209893	0	7.88922E-05	0.000259277	2.94236E-05	1.76818E-06	5.64017E-06	0.000124918	8.34173E-05	1.28578E-05	2.99931E-09	3.03179E-08	3.33172E-08	0.033317212	240320	3812890
2405803813690	240580	3813690	9.1091E-05	0	6.70493E-05	0.000208621	0	7.84139E-05	0.000257705	2.92452E-05	1.75746E-06	5.60597E-06	0.000124161	8.29115E-05	1.27798E-05	2.98113E-09	3.01341E-08	3.31152E-08	0.033115223	240330	3812890
2406003813690	240600	3813690	9.00103E-05	0	6.62538E-05	0.000206146	0	7.74836E-05	0.000254647	2.88983E-05	1.73661E-06	5.53947E-06	0.000122688	8.19279E-05	1.26282E-05	2.94576E-09	2.97766E-08	3.27223E-08	0.032722341	240340	3812890
2406203813690	240620	3813690	8.90639E-05	0	6.55572E-05	0.000203978	0	7.66689E-05	0.00025197	2.85944E-05	1.71835E-06	5.48122E-06	0.000121398	8.10665E-05	1.24954E-05	2.91479E-09	2.94635E-08	3.23783E-08	0.032378293	240350	3812890
2406403813690	240640	3813690	8.8142E-05	0	6.48786E-05	0.000201867	0	7.58753E-05	0.000249362	2.82984E-05	1.70056E-06	5.42448E-06	0.000120141	8.02273E-05	1.23661E-05	2.88462E-09	2.91585E-08	3.20431E-08	0.032043123	240360	3812890
2406603813690	240660	3813690	8.722E-05	0	6.41999E-05	0.000199755	0	7.50816E-05	0.000246753	2.80024E-05	1.68277E-06	5.36774E-06	0.000118885	7.93881E-05	1.22367E-05	2.85444E-09	2.88535E-08	3.1708E-08	0.031707953	240370	3812890
2406803813690	240680	3813690	8.61943E-05	0	6.34449E-05	0.000197406	0	7.41986E-05	0.000243851	2.76731E-05	1.66298E-06	5.30461E-06	0.000117487	7.84545E-05	1.20928E-05	2.82087E-09	2.85142E-08	3.1335E-08	0.031335049	240380	3812890
2404603813710	240460	3813710	8.81786E-05	0	6.49055E-05	0.000201951	0	7.59068E-05	0.000249465	2.83102E-05	1.70127E-06	5.42674E-06	0.000120191	8.02606E-05	1.23712E-05	2.88582E-09	2.91706E-08	3.20564E-08	0.032056441	240390	3812890
2404803813710	240480	3813710	8.8026E-05	0	6.47932E-05	0.000201601	0	7.57754E-05	0.000249034	2.82612E-05	1.69832E-06	5.41734E-06	0.000119983	8.01217E-05	1.23498E-05	2.88082E-09	2.91201E-08	3.20009E-08	0.032000949	240400	3812890
2405003813710	240500	3813710	8.77512E-05	0	6.45909E-05	0.000200972	0	7.55389E-05	0.000248256	2.8173E-05	1.69302E-06	5.40043E-06	0.000119609	7.98716E-05	1.23113E-05	2.87183E-09	2.90292E-08	3.19011E-08	0.031901064	240410	3812890
2405203813710	240520	3813710	8.72261E-05	0	6.42044E-05	0.000199769	0	7.50869E-05	0.000246771	2.80044E-05	1.68289E-06	5.36812E-06	0.000118893	7.93937E-05	1.22376E-05	2.85464E-09	2.88555E-08	3.17102E-08	0.031710173	240420	3812890
2405403813710	240540	3813710	8.68781E-05	0	6.39483E-05	0.000198972	0	7.47873E-05	0.000245786	2.78926E-05	1.67618E-06	5.3467E-06	0.000118419	7.90769E-05	1.21888E-05	2.84325E-09	2.87404E-08	3.15837E-08	0.031583652	240430	3812890
2405603813710	240560	3813710	8.62614E-05	0	6.34943E-05	0.00019756	0	7.42564E-05	0.000244041	2.76947E-05	1.66428E-06	5.30875E-06	0.000117578	7.85156E-05	1.21022E-05	2.82307E-09	2.85364E-08	3.13595E-08	0.031359465	240440	3812890
2405803813710	240580	3813710	8.57791E-05	0	6.31393E-05	0.000196455	0	7.38412E-05	0.000242677	2.75398E-05	1.65497E-06	5.27906E-06	0.000116921	7.80766E-05	1.20346E-05	2.80729E-09	2.83768E-08	3.11841E-08	0.031184112	240450	3812890

Sywest Industrial Building Project

Offroad DPM Emissions, Ground Level Concentrations and Health Risk Calculations

Residential Receptors

Phase	Year	Emissions (lbs/day)	Days Per Year	Work Hours Per Day	Emissions (g/s)	Wt. Trip Length (mi)	Modeled Trip Length (mi)
Demolition	2027	0.0000	0	9	0	1.06	1.06
Demolition - Hauling	2027	0.0000976557219730410	0	9	1.36715E-06	1.06	1.06
Site Preparation	2027	0.0000	61	9	0	1.06	1.06
Grading	2027	0.0000	0	9	0	1.06	1.06
Grading - Haul	2027	0.005547192915300114	31	9	7.7659E-05	1.06	1.06
Building Construction - 2025	2027	0.0000	0	9	0	1.06	1.06
Building Construction - 2026	2028	0.0000	210	9	0	1.06	1.06
Paving	2028	0.0000	0	9	0	1.06	1.06
Architectural Coating	2028	0.0000	0	9	0	1.06	1.06
Grubing & Land Clearing	2027	0.0000	0	9	0	1.06	1.06
Grading & Excavation	2027	0.0000	0	9	0	1.06	1.06
Grading, Utilities, & Sub-Grade	2027	0.0000		9	0		
Paving	2027	0.0000		9	0		

AERMOD Column Identifier:			*5*	*5*	*5*	*5*	*5*	*5*	*5*	*5*	*5*	*5*	*5*	*5*	*5*					*MAX:* 0
			Demolition	Demolition - Hauling	Site Preparation	Grading	Grading - Haul	Building Construction - 202	ilding Construction - 20	Paving	Architectural Coating	Grubing & Land Clearing	Grading & Excavation	ading, Utilities, & Sub-Gra	Paving	Child Risk			
Unique Identifier	X (UTM)	Y (UTM)	2027	2027	2027	2027	2027	2027	2028	2028	2028	2027	2027	2027	2027	3rd Trimester	0<2	Total	per million
2400023812965	240002	3812965	0	3.33626E-07	0	0	1.89511E-05	0	0	0	0	0	0	0	0	1.39786E-10	3.07002E-10	4.46787E-10	0.000446787
2398953813066	239895	3813066	0	2.25963E-07	0	0	1.28355E-05	0	0	0	0	0	0	0	0	9.46759E-11	2.0793E-10	3.02606E-10	0.000302606
2399053813061	239905	3813061	0	2.36271E-07	0	0	1.3421E-05	0	0	0	0	0	0	0	0	9.89949E-11	2.17416E-10	3.16411E-10	0.000316411
2399183813065	239918	3813065	0	2.55479E-07	0	0	1.45121E-05	0	0	0	0	0	0	0	0	1.07043E-10	2.35092E-10	3.42135E-10	0.000342135
2399333813063	239933	3813063	0	2.7775E-07	0	0	1.57772E-05	0	0	0	0	0	0	0	0	1.16374E-10	2.55585E-10	3.7196E-10	0.00037196
2399423813062	239942	3813062	0	2.92693E-07	0	0	1.6626E-05	0	0	0	0	0	0	0	0	1.22635E-10	2.69336E-10	3.91971E-10	0.000391971
2399573813062	239957	3813062	0	3.20911E-07	0	0	1.82289E-05	0	0	0	0	0	0	0	0	1.34458E-10	2.95302E-10	4.2976E-10	0.00042976
2405103812720	240510	3812720	0	1.81845E-07	0	0	1.03294E-05	0	0	0	0	0	0	0	0	7.61909E-11	1.67333E-10	2.43524E-10	0.000243524
2405303812720	240530	3812720	0	1.76909E-07	0	0	1.00491E-05	0	0	0	0	0	0	0	0	7.41231E-11	1.62792E-10	2.36915E-10	0.000236915
2405503812720	240550	3812720	0	1.72726E-07	0	0	9.81144E-06	0	0	0	0	0	0	0	0	7.23702E-11	1.58942E-10	2.31312E-10	0.000231312
2405703812720	240570	3812720	0	1.68296E-07	0	0	9.55982E-06	0	0	0	0	0	0	0	0	7.05143E-11	1.54866E-10	2.2538E-10	0.00022538
2405903812720	240590	3812720	0	1.63429E-07	0	0	9.28336E-06	0	0	0	0	0	0	0	0	6.8475E-11	1.50387E-10	2.18862E-10	0.000218862
2406103812720	240610	3812720	0	1.58453E-07	0	0	9.00068E-06	0	0	0	0	0	0	0	0	6.639E-11	1.45808E-10	2.12198E-10	0.000212198
2406303812720	240630	3812720	0	1.53394E-07	0	0	8.71334E-06	0	0	0	0	0	0	0	0	6.42705E-11	1.41153E-10	2.05424E-10	0.000205424
2406503812720	240650	3812720	0	1.48445E-07	0	0	8.43221E-06	0	0	0	0	0	0	0	0	6.21969E-11	1.36599E-10	1.98796E-10	0.000198796
2405103812740	240510	3812740	0	1.98414E-07	0	0	1.12706E-05	0	0	0	0	0	0	0	0	8.31335E-11	1.82581E-10	2.65714E-10	0.000265714
2405303812740	240530	3812740	0	1.92563E-07	0	0	1.09383E-05	0	0	0	0	0	0	0	0	8.06819E-11	1.77196E-10	2.57878E-10	0.000257878
2405503812740	240550	3812740	0	1.87409E-07	0	0	1.06455E-05	0	0	0	0	0	0	0	0	7.85223E-11	1.72453E-10	2.50976E-10	0.000250976
2405703812740	240570	3812740	0	1.81981E-07	0	0	1.03372E-05	0	0	0	0	0	0	0	0	7.62482E-11	1.67459E-10	2.43707E-10	0.000243707
2405903812740	240590	3812740	0	1.76089E-07	0	0	1.00025E-05	0	0	0	0	0	0	0	0	7.37794E-11	1.62037E-10	2.35816E-10	0.000235816
2406103812740	240610	3812740	0	1.70429E-07	0	0	9.68097E-06	0	0	0	0	0	0	0	0	7.14079E-11	1.56828E-10	2.28236E-10	0.000228236
2406303812740	240630	3812740	0	1.64701E-07	0	0	9.35558E-06	0	0	0	0	0	0	0	0	6.90078E-11	1.51557E-10	2.20565E-10	0.000220565
2406503812740	240650	3812740	0	1.58794E-07	0	0	9.02009E-06	0	0	0	0	0	0	0	0	6.65332E-11	1.46122E-10	2.12656E-10	0.000212656
2405503812760	240550	3812760	0	2.03774E-07	0	0	1.15751E-05	0	0	0	0	0	0	0	0	8.5379E-11	1.87512E-10	2.72891E-10	0.000272891
2405703812760	240570	3812760	0	1.97198E-07	0	0	1.12015E-05	0	0	0	0	0	0	0	0	8.26237E-11	1.81461E-10	2.64085E-10	0.000264085
2405903812760	240590	3812760	0	1.90007E-07	0	0	1.0793E-05	0	0	0	0	0	0	0	0	7.96107E-11	1.74844E-10	2.54454E-10	0.000254454
2406103812760	240610	3812760	0	1.83389E-07	0	0	1.04172E-05	0	0	0	0	0	0	0	0	7.68382E-11	1.68755E-10	2.45593E-10	0.000245593
2406303812760	240630	3812760	0	1.76923E-07	0	0	1.00498E-05	0	0	0	0	0	0	0	0	7.41288E-11	1.62804E-10	2.36933E-10	0.000236933
2406503812760	240650	3812760	0	1.70073E-07	0	0	9.66078E-06	0	0	0	0	0	0	0	0	7.12589E-11	1.56501E-10	2.2776E-10	0.00022776
2405503812780	240550	3812780	0	2.21998E-07	0	0	1.26103E-05	0	0	0	0	0	0	0	0	9.30147E-11	2.04282E-10	2.97297E-10	0.000297297
2405703812780	240570	3812780	0	2.14232E-07	0	0	1.21692E-05	0	0	0	0	0	0	0	0	8.97611E-11	1.97136E-10	2.86897E-10	0.000286897
2405903812780	240590	3812780	0	2.05688E-07	0	0	1.16838E-05	0	0	0	0	0	0	0	0	8.61809E-11	1.89274E-10	2.75454E-10	0.000275454
2406103812780	240610	3812780	0	1.98032E-07	0	0	1.12489E-05	0	0	0	0	0	0	0	0	8.29731E-11	1.82228E-10	2.65202E-10	0.000265202
2406303812780	240630	3812780	0	1.90608E-07	0	0	1.08272E-05	0	0	0	0	0	0	0	0	7.98627E-11	1.75397E-10	2.5526E-10	0.00025526
2406503812780	240650	3812780	0	1.82843E-07	0	0	1.03861E-05	0	0	0	0	0	0	0	0	7.66091E-11	1.68252E-10	2.44861E-10	0.000244861
2405503812800	240550	3812800	0	2.42943E-07	0	0	1.38E-05	0	0	0	0	0	0	0	0	1.0179E-10	2.23555E-10	3.25346E-10	0.000325346
2405703812800	240570	3812800	0	2.33578E-07	0	0	1.3268E-05	0	0	0	0	0	0	0	0	9.78665E-11	2.14938E-10	3.12804E-10	0.000312804
2405903812800	240590	3812800	0	2.23625E-07	0	0	1.27027E-05	0	0	0	0	0	0	0	0	9.36964E-11	2.05779E-10	2.99475E-10	0.000299475
2406103812800	240610	3812800	0	2.14684E-07	0	0	1.21948E-05	0	0	0	0	0	0	0	0	8.99501E-11	1.97551E-10	2.87502E-10	0.000287502
2406303812800	240630	3812800	0	2.06235E-07	0	0	1.17149E-05	0	0	0	0	0	0	0	0	8.64101E-11	1.89777E-10	2.76187E-10	0.000276187
2406503812800	240650	3812800	0	1.97334E-07	0	0	1.12093E-05	0	0	0	0	0	0	0	0	8.2681E-11	1.81587E-10	2.64268E-10	0.000264268
2403103812820	240310	3812820	0	3.83909E-07	0	0	2.18074E-05	0	0	0	0	0	0	0	0	1.60854E-10	3.53273E-10	5.14127E-10	0.000514127
2403303812820	240330	3812820	0	3.84866E-07	0	0	2.18618E-05	0	0	0	0	0	0	0	0	1.61255E-10	3.54153E-10	5.15408E-10	0.000515408
2403503812820	240350	3812820	0	3.82406E-07	0	0	2.1722E-05	0	0	0	0	0	0	0	0	1.60224E-10	3.51889E-10	5.12113E-10	0.000512113
2403703812820	240370	3812820	0	3.76622E-07	0	0	2.13935E-05	0	0	0	0	0	0	0	0	1.57801E-10	3.46567E-10	5.04368E-10	0.000504368
2403903812820	240390	3812820	0	3.67189E-07	0	0	2.08577E-05	0	0	0	0	0	0	0	0	1.53848E-10	3.37887E-10	4.91735E-10	0.000491735
2404103812820	240410	3812820	0	3.54871E-07	0	0	2.01579E-05	0	0	0	0	0	0	0	0	1.48687E-10	3.26552E-10	4.75239E-10	0.000475239
2404303812820	240430	3812820	0	3.42827E-07	0	0	1.94738E-05	0	0	0	0	0	0	0	0	1.43641E-10	3.15468E-10	4.59109E-10	0.000459109
2405503812820	240550	3812820	0	2.66772E-07	0	0	1.51536E-05	0	0	0	0	0	0	0	0	1.11775E-10	2.45483E-10	3.57258E-10	0.000357258
2405703812820	240570	3812820	0	2.55794E-07	0	0	1.453E-05	0	0	0	0	0	0	0	0	1.07175E-10	2.35381E-10	3.42556E-10	0.000342556
2405903812820	240590	3812820	0	2.44296E-07	0	0	1.38769E-05	0	0	0	0	0	0	0	0	1.02357E-10	2.24801E-10	3.27158E-10	0.000327158
2406103812820	240610	3812820	0	2.33974E-07	0	0	1.32906E-05	0	0	0	0	0	0	0	0	9.80326E-11	2.15303E-10	3.13335E-10	0.000313335
2406303812820	240630	3812820	0	2.24131E-07	0	0	1.27314E-05	0	0	0	0	0	0	0	0	9.39083E-11	2.06245E-10	3.00153E-10	0.000300153
2406503812820	240650	3812820	0	2.13863E-07	0	0	1.21482E-05	0	0	0	0	0	0	0	0	8.96064E-11	1.96797E-10	2.86403E-10	0.000286403
2402903812840	240290	3812840	0	4.61194E-07	0	0	2.61975E-05	0	0	0	0	0	0	0	0	1.93235E-10	4.2439E-10	6.17626E-10	0.000617626
2403103812840	240310	3812840	0	4.58733E-07	0	0	2.60577E-05	0	0	0	0	0	0	0	0	1.92204E-10	4.22126E-10	6.1433E-10	0.00061433
2403303812840	240330	3812840	0	4.57107E-07	0	0	2.59653E-05	0	0	0	0	0	0	0	0	1.91523E-10	4.20629E-10	6.12152E-10	0.000612152
2403503812840	240350	3812840	0	4.4863E-07	0	0	2.54838E-05	0	0	0	0	0	0	0	0	1.87971E-10	4.12829E-10	6.008E-10	0.0006008
2403703812840	240370	3812840	0	4.38568E-07	0	0	2.49122E-05	0	0	0	0	0	0	0	0	1.83755E-10	4.0357E-10	5.87325E-10	0.000587325
2403903812840	240390	3812840	0	4.25143E-07	0	0	2.41496E-05	0	0	0	0	0	0	0	0	1.7813E-10	3.91216E-10	5.69346E-10	0.000569346
2404103812840	240410	3812840	0	4.07151E-07	0	0	2.31276E-05	0	0	0	0	0	0	0	0	1.70592E-10	3.7466E-10	5.45252E-10	0.000545252
2404303812840	240430	3812840	0	3.8972E-07	0	0	2.21375E-05	0	0	0	0	0	0	0	0	1.63288E-10	3.5862E-10	5.21908E-10	0.000521908

2404503812840	240450	3812840	0	3.73355E-07	0	0	2.12079E-05	0	0	0	0	0	0	0	0	1.56432E-10	3.43561E-10	4.99992E-10	0.000499992
2405503812840	240550	3812840	0	2.94484E-07	0	0	1.67277E-05	0	0	0	0	0	0	0	0	1.23386E-10	2.70984E-10	3.9437E-10	0.00039437
2405703812840	240570	3812840	0	2.81865E-07	0	0	1.6011E-05	0	0	0	0	0	0	0	0	1.18099E-10	2.59372E-10	3.77471E-10	0.000377471
2405903812840	240590	3812840	0	2.68891E-07	0	0	1.5274E-05	0	0	0	0	0	0	0	0	1.12662E-10	2.47433E-10	3.60096E-10	0.000360096
2406103812840	240610	3812840	0	2.56477E-07	0	0	1.45688E-05	0	0	0	0	0	0	0	0	1.07461E-10	2.3601E-10	3.43471E-10	0.000343471
2406303812840	240630	3812840	0	2.45362E-07	0	0	1.39375E-05	0	0	0	0	0	0	0	0	1.02804E-10	2.25782E-10	3.28586E-10	0.000328586
2406503812840	240650	3812840	0	2.33728E-07	0	0	1.32766E-05	0	0	0	0	0	0	0	0	9.79295E-11	2.15076E-10	3.13006E-10	0.000313006
2403103812860	240310	3812860	0	5.56526E-07	0	0	3.16126E-05	0	0	0	0	0	0	0	0	2.33178E-10	5.12114E-10	7.45292E-10	0.000745292
2403303812860	240330	3812860	0	5.51043E-07	0	0	3.13012E-05	0	0	0	0	0	0	0	0	2.30881E-10	5.07069E-10	7.37951E-10	0.000737951
2403503812860	240350	3812860	0	5.36647E-07	0	0	3.04835E-05	0	0	0	0	0	0	0	0	2.24849E-10	4.93822E-10	7.18672E-10	0.000718672
2403703812860	240370	3812860	0	5.16058E-07	0	0	2.93139E-05	0	0	0	0	0	0	0	0	2.16223E-10	4.74876E-10	6.91099E-10	0.000691099
2403903812860	240390	3812860	0	4.95264E-07	0	0	2.81327E-05	0	0	0	0	0	0	0	0	2.0751E-10	4.55741E-10	6.63251E-10	0.000663251
2404103812860	240410	3812860	0	4.71749E-07	0	0	2.6797E-05	0	0	0	0	0	0	0	0	1.97658E-10	4.34103E-10	6.3176E-10	0.00063176
2404303812860	240430	3812860	0	4.45335E-07	0	0	2.52966E-05	0	0	0	0	0	0	0	0	1.86591E-10	4.09797E-10	5.96388E-10	0.000596388
2404503812860	240450	3812860	0	4.23652E-07	0	0	2.4065E-05	0	0	0	0	0	0	0	0	1.77506E-10	3.89844E-10	5.6735E-10	0.00056735
2405703812860	240570	3812860	0	3.12421E-07	0	0	1.77466E-05	0	0	0	0	0	0	0	0	1.30901E-10	2.87489E-10	4.18391E-10	0.000418391
2405903812860	240590	3812860	0	2.96863E-07	0	0	1.68629E-05	0	0	0	0	0	0	0	0	1.24382E-10	2.73173E-10	3.97555E-10	0.000397555
2406103812860	240610	3812860	0	2.82877E-07	0	0	1.60684E-05	0	0	0	0	0	0	0	0	1.18522E-10	2.60303E-10	3.78825E-10	0.000378825
2406303812860	240630	3812860	0	2.69889E-07	0	0	1.53307E-05	0	0	0	0	0	0	0	0	1.13081E-10	2.48352E-10	3.61432E-10	0.000361432
2406503812860	240650	3812860	0	2.56669E-07	0	0	1.45797E-05	0	0	0	0	0	0	0	0	1.07541E-10	2.36186E-10	3.43728E-10	0.000343728
2403103812880	240310	3812880	0	6.99543E-07	0	0	3.97366E-05	0	0	0	0	0	0	0	0	2.93101E-10	6.43719E-10	9.3682E-10	0.00093682
2403303812880	240330	3812880	0	6.75235E-07	0	0	3.83558E-05	0	0	0	0	0	0	0	0	2.82916E-10	6.21351E-10	9.04267E-10	0.000904267
2403503812880	240350	3812880	0	6.50613E-07	0	0	3.69571E-05	0	0	0	0	0	0	0	0	2.726E-10	5.98693E-10	8.71293E-10	0.000871293
2403703812880	240370	3812880	0	6.15887E-07	0	0	3.49846E-05	0	0	0	0	0	0	0	0	2.5805E-10	5.66739E-10	8.24789E-10	0.000824789
2403903812880	240390	3812880	0	5.81613E-07	0	0	3.30377E-05	0	0	0	0	0	0	0	0	2.4369E-10	5.35199E-10	7.78889E-10	0.000778889
2404103812880	240410	3812880	0	5.48829E-07	0	0	3.11754E-05	0	0	0	0	0	0	0	0	2.29953E-10	5.05031E-10	7.34985E-10	0.000734985
2404303812880	240430	3812880	0	5.14541E-07	0	0	2.92277E-05	0	0	0	0	0	0	0	0	2.15587E-10	4.73479E-10	6.89066E-10	0.000689066
2404503812880	240450	3812880	0	4.84614E-07	0	0	2.75278E-05	0	0	0	0	0	0	0	0	2.03048E-10	4.45941E-10	6.48989E-10	0.000648989
2404703812880	240470	3812880	0	4.58925E-07	0	0	2.60686E-05	0	0	0	0	0	0	0	0	1.92285E-10	4.22302E-10	6.14587E-10	0.000614587
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2405703812880	240570	3812880	0	3.49936E-07	0	0	1.98776E-05	0	0	0	0	0	0	0	0	1.46619E-10	3.2201E-10	4.6863E-10	0.00046863
2405903812880	240590	3812880	0	3.31589E-07	0	0	1.88354E-05	0	0	0	0	0	0	0	0	1.38932E-10	3.05127E-10	4.44059E-10	0.000444059
2406103812880	240610	3812880	0	3.15292E-07	0	0	1.79097E-05	0	0	0	0	0	0	0	0	1.32104E-10	2.90131E-10	4.22235E-10	0.000422235
2406303812880	240630	3812880	0	2.99994E-07	0	0	1.70407E-05	0	0	0	0	0	0	0	0	1.25694E-10	2.76054E-10	4.01748E-10	0.000401748
2406503812880	240650	3812880	0	2.84695E-07	0	0	1.61717E-05	0	0	0	0	0	0	0	0	1.19284E-10	2.61976E-10	3.8126E-10	0.00038126
2403303812900	240330	3812900	0	8.42096E-07	0	0	4.78341E-05	0	0	0	0	0	0	0	0	3.52829E-10	7.74896E-10	1.12772E-09	0.001127725
2403503812900	240350	3812900	0	7.99304E-07	0	0	4.54033E-05	0	0	0	0	0	0	0	0	3.3496-10	7.35519E-10	1.07042E-09	0.001070418
2403703812900	240370	3812900	0	7.47134E-07	0	0	4.24399E-05	0	0	0	0	0	0	0	0	3.13041E-10	6.87511E-10	1.00055E-09	0.001000552
2403903812900	240390	3812900	0	6.89919E-07	0	0	3.91898E-05	0	0	0	0	0	0	0	0	2.89068E-10	6.34862E-10	9.2393E-10	0.00092393
2404103812900	240410	3812900	0	6.45322E-07	0	0	3.66566E-05	0	0	0	0	0	0	0	0	2.70383E-10	5.93824E-10	8.64208E-10	0.000864208
2404303812900	240430	3812900	0	6.02776E-07	0	0	3.42398E-05	0	0	0	0	0	0	0	0	2.52557E-10	5.54674E-10	8.07231E-10	0.000807231
2404503812900	240450	3812900	0	5.62254E-07	0	0	3.1938E-05	0	0	0	0	0	0	0	0	2.35578E-10	5.17385E-10	7.52964E-10	0.000752964
2404703812900	240470	3812900	0	5.3111E-07	0	0	3.0169E-05	0	0	0	0	0	0	0	0	2.2253E-10	4.88727E-10	7.11257E-10	0.000711257
2405503812900	240550	3812900	0	4.20822E-07	0	0	2.39042E-05	0	0	0	0	0	0	0	0	1.7632E-10	3.8724E-10	5.6356E-10	0.00056356
2405703812900	240570	3812900	0	3.98073E-07	0	0	2.2612E-05	0	0	0	0	0	0	0	0	1.66788E-10	3.66306E-10	5.33095E-10	0.000533095
2405903812900	240590	3812900	0	3.76048E-07	0	0	2.13609E-05	0	0	0	0	0	0	0	0	1.5756E-10	3.46039E-10	5.03599E-10	0.000503599
2406103812900	240610	3812900	0	3.55719E-07	0	0	2.02061E-05	0	0	0	0	0	0	0	0	1.49042E-10	3.27332E-10	4.76374E-10	0.000476374
2406303812900	240630	3812900	0	3.37249E-07	0	0	1.91569E-05	0	0	0	0	0	0	0	0	1.41304E-10	3.10336E-10	4.51639E-10	0.000451639
2406503812900	240650	3812900	0	3.1871E-07	0	0	1.81039E-05	0	0	0	0	0	0	0	0	1.33536E-10	2.93276E-10	4.26813E-10	0.000426813
2403503812920	240350	3812920	0	9.94547E-07	0	0	5.64938E-05	0	0	0	0	0	0	0	0	4.16704E-10	9.15181E-10	1.33189E-09	0.001331885
2403703812920	240370	3812920	0	9.15334E-07	0	0	5.19942E-05	0	0	0	0	0	0	0	0	3.83515E-10	8.42289E-10	1.2258E-09	0.001225804
2403903812920	240390	3812920	0	8.36573E-07	0	0	4.75203E-05	0	0	0	0	0	0	0	0	3.50515E-10	7.69813E-10	1.12033E-09	0.001120328
2404103812920	240410	3812920	0	7.72508E-07	0	0	4.38812E-05	0	0	0	0	0	0	0	0	3.23673E-10	7.10861E-10	1.03453E-09	0.001034533
2404303812920	240430	3812920	0	7.19969E-07	0	0	4.08968E-05	0	0	0	0	0	0	0	0	3.01659E-10	6.62514E-10	9.64173E-10	0.000964173
2404503812920	240450	3812920	0	6.68659E-07	0	0	3.79822E-05	0	0	0	0	0	0	0	0	2.80161E-10	6.15299E-10	8.9546E-10	0.00089546
2404703812920	240470	3812920	0	6.2584E-07	0	0	3.555E-05	0	0	0	0	0	0	0	0	2.6222E-10	5.75897E-10	8.38118E-10	0.000838118
2404903812920	240490	3812920	0	5.89679E-07	0	0	3.34959E-05	0	0	0	0	0	0	0	0	2.47069E-10	5.42622E-10	7.89691E-10	0.000789691
2405503812920	240550	3812920	0	4.91121E-07	0	0	2.78974E-05	0	0	0	0	0	0	0	0	2.05775E-10	4.51929E-10	6.57704E-10	0.000657704
2405703812920	240570	3812920	0	4.59882E-07	0	0	2.61229E-05	0	0	0	0	0	0	0	0	1.92686E-10	4.23183E-10	6.15868E-10	0.000615868
2405903812920	240590	3812920	0	4.3325E-07	0	0	2.46101E-05	0	0	0	0	0	0	0	0	1.81527E-10	3.98676E-10	5.80203E-10	0.000580203
2406103812920	240610	3812920	0	4.0752E-07	0	0	2.31486E-05	0	0	0	0	0	0	0	0	1.70747E-10	3.74999E-10	5.45746E-10	0.000545746
2406303812920	240630	3812920	0	3.83937E-07	0	0	2.1809E-05	0	0	0	0	0	0	0	0	1.60865E-10	3.53298E-10	5.14163E-10	0.000514163
2406503812920	240650	3812920	0	3.61433E-07	0	0	2.05307E-05	0	0	0	0	0	0	0	0	1.51437E-10	3.32591E-10	4.84027E-10	0.000484027
2403503812940	240350	3812940	0	1.26338E-06	0	0	7.17647E-05	0	0	0	0	0	0	0	0	5.29344E-10	1.16256E-09	1.69191E-09	0.001691907
2403703812940	240370	3812940	0	1.14797E-06	0	0	6.52087E-05	0	0	0	0	0	0	0	0	4.80986E-10	1.05636E-09	1.53735E-09	0.001537345
2403903812940	240390	3812940	0	1.04899E-06	0	0	5.95862E-05	0	0	0	0	0	0	0	0	4.39514E-10	9.65276E-10	1.40479E-09	0.00140479
2404103812940	240410	3812940	0	9.55378E-07	0	0	5.42689E-05	0	0	0	0	0	0	0	0	4.00293E-10	8.79137E-10	1.27943E-09	0.001279431
2404303812940	240430	3812940	0	8.85312E-07	0	0	5.02889E-05	0	0	0	0	0	0	0	0	3.70936E-10	8.14662E-10	1.1856E-09	0.001185599
2404503812940	240450	3812940	0	8.2029E-07	0	0	4.65954E-05	0	0	0	0	0	0	0	0	3.43693-10	7.5483-10	1.09852E-09	0.001098522
2404703812940	240470	3812940	0	7.58139E-07	0	0	4.3065E-05	0	0	0	0	0	0	0	0	3.17652E-10	6.97639E-10	1.01529E-09	0.001015291
2404903812940	240490	3812940	0	7.0992E-07	0	0	4.0326E-05	0	0	0	0	0	0	0	0	2.97449E-10	6.53267E-10	9.50716E-10	0.000950716
2405703812940	240570	3812940	0	5.36196E-07	0	0	3.04579E-05	0	0	0	0	0	0	0	0	2.2466E-10	4.93407E-10	7.18067E-10	0.00071806
2405903812940	240590	3812940	0	5.03781E-07	0	0	2.86166E-05	0	0	0	0	0	0	0	0	2.11079E-10	4.63579E-10	6.74657E-10	0.000674657
2406103812940	240610	3812940	0	4.72678E-07	0	0	2.68498E-05	0	0	0	0	0	0	0	0	1.98047E-10	4.34958E-10	6.33005E-10	0.000633005
2406303812940	240630	3812940	0	4.42464E-07	0	0	2.51336E-05	0	0	0	0	0	0	0	0	1.85388E-10	4.07155E-10	5.92543E-10	0.000592543
2406503812940	240650	3812940	0	4.13918E-07	0	0	2.3512E-05	0	0	0	0	0	0	0	0	1.73427E-10	3.80887E-10	5.54314E-10	0.000554314
2403703812960	240370	3812960	0	1.51882E-06	0	0	8.62745E-05	0	0	0	0	0	0	0	0	6.3637E-10	1.39762E-09	2.03399E-09	0.002033987
2403903812960	240390	3812960	0	1.37868E-06	0	0	7.83137E-05	0	0	0	0	0	0	0	0	5.7765E-10	1.26865E-09	1.8463E-09	0.001846305
2404103812960	240410	3812960	0	1.24371E-06	0	0	7.06472E-05	0	0	0	0	0	0	0	0	5.21101E-10	1.14446E-09	1.66556E-09	0.001665561
2404303812960	240430	3812960	0	1.13041E-06	0	0	6.42116E-05	0	0	0	0	0	0	0	0	4.73631E-10	1.04021E-09	1.51384E-09	0.001513837
2404503812960	240450	3812960	0	1.03891E-06	0	0	5.90138E-05	0	0	0	0	0	0	0	0	4.35293E-10	9.56004E-10	1.3913E-09	0.001391297
2404703812960	240470	3812960	0	9.50183E-07	0	0	5.39738E-05	0	0	0	0	0	0	0	0	3.98116E-10	8.74357E-10	1.27247E-09	0.001272473
2404903812960	240490	3812960	0	8.73568E-07	0	0	4.96218E-05	0	0	0	0	0	0	0	0	3.66016E-10	8.03856E-10	1.16987E-09	0.001169871
2405103812960	240510	3812960	0	8.09462E-07	0	0	4.59803E-05	0	0	0	0	0	0	0	0	3.39156E-10	7.44866E-10	1.08402E-09	0.001084022
2405703812960	240570	3812960	0	6.38281E-07	0	0	3.62567E-05	0	0	0	0	0	0	0	0	2.67433E-10	5.87346E-10	8.54779E-10	0.000854779
2405903812960	240590	3812960	0	5.93986E-07	0	0	3.37405E-05	0	0	0	0	0	0	0	0	2.48874E-10	5.46585E-10	7.95458E-10	0.000795458
2406103812960	240610	3812960	0	5.52821E-07	0	0	3.14022E-05	0	0	0	0	0	0	0	0	2.31626E-10	5.08705E-10	7.40331E-10	0.000740331
2406303812960	240630	3812960	0	5.14773E-07	0	0	2.92409E-05	0	0	0	0	0	0	0	0	2.15684E-10	4.73693E-10	6.89378E-10	0.000689378
2406503812960	240650	3812960	0	4.78913E-07	0	0	2.72039E-05	0	0	0	0	0	0	0	0	2.00659E-10	4.40695E-10	6.41354E-10	0.000641354
2403703812980	240370	3812980	0	2.17401E-06	0	0	0.000123492	0	0	0	0	0	0	0	0	9.10889E-10	2.00052E-09	2.91141E-09	0.002911414
2403903812980	240390	3812980	0	1.91084E-06	0	0	0.000108542	0	0	0	0	0	0	0	0	8.00621E-10	1.75835E-09	2.55897E-09	0.002558971

2404103812980	240410	3812980	0	1.68947E-06	0	0	9.59679E-05	0	0	0	0	0	0	0	0	7.07869E-10	1.55465E-09	2.26252E-09	0.002262517
2404303812980	240430	3812980	0	1.49611E-06	0	0	8.49846E-05	0	0	0	0	0	0	0	0	6.26855E-10	1.37672E-09	2.00358E-09	0.002003577
2404503812980	240450	3812980	0	1.34518E-06	0	0	7.6411E-05	0	0	0	0	0	0	0	0	5.63616E-10	1.23783E-09	1.80145E-09	0.001801448
2404703812980	240470	3812980	0	1.21488E-06	0	0	6.90093E-05	0	0	0	0	0	0	0	0	5.0902E-10	1.11793E-09	1.62695E-09	0.001626948
2404903812980	240490	3812980	0	1.09907E-06	0	0	6.24308E-05	0	0	0	0	0	0	0	0	4.60497E-10	1.01136E-09	1.47186E-09	0.001471855
2405103812980	240510	3812980	0	9.99113E-07	0	0	5.67532E-05	0	0	0	0	0	0	0	0	4.18618E-10	9.19382E-10	1.338E-09	0.001338
2405303812980	240530	3812980	0	9.09223E-07	0	0	5.16471E-05	0	0	0	0	0	0	0	0	3.80955E-10	8.36666E-10	1.21762E-09	0.00121762
2405503812980	240550	3812980	0	8.32895E-07	0	0	4.73114E-05	0	0	0	0	0	0	0	0	3.48974E-10	7.66429E-10	1.1154E-09	0.001115403
2405703812980	240570	3812980	0	7.63758E-07	0	0	4.33842E-05	0	0	0	0	0	0	0	0	3.20007E-10	7.02809E-10	1.02282E-09	0.001022816
2405903812980	240590	3812980	0	7.0292E-07	0	0	3.99284E-05	0	0	0	0	0	0	0	0	2.94516E-10	6.46826E-10	9.41342E-10	0.000941342
2406103812980	240610	3812980	0	6.49314E-07	0	0	3.68834E-05	0	0	0	0	0	0	0	0	2.72056E-10	5.97498E-10	8.69554E-10	0.000869554
2406303812980	240630	3812980	0	6.02667E-07	0	0	3.42336E-05	0	0	0	0	0	0	0	0	2.52511E-10	5.54573E-10	8.07084E-10	0.000807084
2406503812980	240650	3812980	0	5.58289E-07	0	0	3.17128E-05	0	0	0	0	0	0	0	0	2.33917E-10	5.13737E-10	7.47654E-10	0.000747654
2403903813000	240390	3813000	0	2.73189E-06	0	0	0.000155181	0	0	0	0	0	0	0	0	1.14463E-09	2.51388E-09	3.65852E-09	0.003658519
2404103813000	240410	3813000	0	2.3391E-06	0	0	0.000132869	0	0	0	0	0	0	0	0	9.80057E-10	2.15243E-09	3.13249E-09	0.003132491
2404303813000	240430	3813000	0	2.01828E-06	0	0	0.000114646	0	0	0	0	0	0	0	0	8.45639E-10	1.85722E-09	2.70286E-09	0.002702859
2404503813000	240450	3813000	0	1.76018E-06	0	0	9.99844E-05	0	0	0	0	0	0	0	0	7.37496E-10	1.61971E-09	2.35721E-09	0.002357209
2404703813000	240470	3813000	0	1.55753E-06	0	0	8.8473E-05	0	0	0	0	0	0	0	0	6.52586E-10	1.43323E-09	2.08582E-09	0.002085819
2404903813000	240490	3813000	0	1.38451E-06	0	0	7.86453E-05	0	0	0	0	0	0	0	0	5.80096E-10	1.27403E-09	1.85412E-09	0.001854123
2405103813000	240510	3813000	0	1.23553E-06	0	0	7.01828E-05	0	0	0	0	0	0	0	0	5.17676E-10	1.13694E-09	1.65461E-09	0.001654613
2405303813000	240530	3813000	0	1.10865E-06	0	0	6.29752E-05	0	0	0	0	0	0	0	0	4.64512E-10	1.02018E-09	1.48469E-09	0.00148469
2405503813000	240550	3813000	0	1.00543E-06	0	0	5.7112E-05	0	0	0	0	0	0	0	0	4.21264E-10	9.25195E-10	1.34646E-09	0.001346459
2405703813000	240570	3813000	0	9.1435E-07	0	0	5.19383E-05	0	0	0	0	0	0	0	0	3.83103E-10	8.41383E-10	1.22449E-09	0.001224486
2405903813000	240590	3813000	0	8.3537E-07	0	0	4.7452E-05	0	0	0	0	0	0	0	0	3.50011E-10	7.68706E-10	1.11872E-09	0.001118717
2406103813000	240610	3813000	0	7.67094E-07	0	0	4.35737E-05	0	0	0	0	0	0	0	0	3.21404E-10	7.05879E-10	1.02728E-09	0.001027283
2406303813000	240630	3813000	0	7.07254E-07	0	0	4.01745E-05	0	0	0	0	0	0	0	0	2.96332E-10	6.50814E-10	9.47146E-10	0.000947146
2406503813000	240650	3813000	0	6.51133E-07	0	0	3.69866E-05	0	0	0	0	0	0	0	0	2.72818E-10	5.99171E-10	8.71989E-10	0.000871989
2403903813020	240390	3813020	0	3.92633E-06	0	0	0.00022303	0	0	0	0	0	0	0	0	1.64509E-09	3.613E-09	5.2581E-09	0.005258095
2404103813020	240410	3813020	0	3.20874E-06	0	0	0.000182268	0	0	0	0	0	0	0	0	1.34443E-09	2.95268E-09	4.29711E-09	0.004297108
2404303813020	240430	3813020	0	2.70104E-06	0	0	0.000153429	0	0	0	0	0	0	0	0	1.13171E-09	2.48549E-09	3.6172E-09	0.003617196
2404503813020	240450	3813020	0	2.30105E-06	0	0	0.000130708	0	0	0	0	0	0	0	0	9.64115E-10	2.11742E-09	3.08154E-09	0.003081538
2404703813020	240470	3813020	0	1.98975E-06	0	0	0.000113025	0	0	0	0	0	0	0	0	8.33684E-10	1.83097E-09	2.66465E-09	0.002664649
2404903813020	240490	3813020	0	1.7403E-06	0	0	9.88552E-05	0	0	0	0	0	0	0	0	7.29167E-10	1.60142E-09	2.33059E-09	0.002330588
2405103813020	240510	3813020	0	1.5329E-06	0	0	8.70744E-05	0	0	0	0	0	0	0	0	6.4227E-10	1.41058E-09	2.05285E-09	0.002052845
2405303813020	240530	3813020	0	1.36208E-06	0	0	7.73709E-05	0	0	0	0	0	0	0	0	5.70696E-10	1.25338E-09	1.82408E-09	0.001824078
2405503813020	240550	3813020	0	1.22035E-06	0	0	6.932E-05	0	0	0	0	0	0	0	0	5.11312E-10	1.12296E-09	1.63427E-09	0.001634272
2405703813020	240570	3813020	0	1.09986E-06	0	0	6.24759E-05	0	0	0	0	0	0	0	0	4.60829E-10	1.01209E-09	1.47292E-09	0.001472917
2405903813020	240590	3813020	0	9.9627E-07	0	0	5.65917E-05	0	0	0	0	0	0	0	0	4.17426E-10	9.16766E-10	1.33419E-09	0.001334192
2406103813020	240610	3813020	0	9.0653E-07	0	0	5.14941E-05	0	0	0	0	0	0	0	0	3.79826E-10	8.34187E-10	1.21401E-09	0.001214014
2406303813020	240630	3813020	0	8.28821E-07	0	0	4.708E-05	0	0	0	0	0	0	0	0	3.47267E-10	7.6268E-10	1.10995E-09	0.001109947
2406503813020	240650	3813020	0	7.57456E-07	0	0	4.30262E-05	0	0	0	0	0	0	0	0	3.17366E-10	6.9701E-10	1.01438E-09	0.001014376
2404103813040	240410	3813040	0	4.29057E-06	0	0	0.00024372	0	0	0	0	0	0	0	0	1.7977E-09	3.94817E-09	5.74588E-09	0.005745876
2404303813040	240430	3813040	0	3.53538E-06	0	0	0.000200822	0	0	0	0	0	0	0	0	1.48129E-09	3.25325E-09	4.73454E-09	0.00473454
2404503813040	240450	3813040	0	2.96155E-06	0	0	0.000168226	0	0	0	0	0	0	0	0	1.24086E-09	2.72521E-09	3.96607E-09	0.003966068
2404703813040	240470	3813040	0	2.50723E-06	0	0	0.00014242	0	0	0	0	0	0	0	0	1.0505E-09	2.30715E-09	3.35765E-09	0.003357652
2404903813040	240490	3813040	0	2.15842E-06	0	0	0.000122606	0	0	0	0	0	0	0	0	9.04353E-10	1.98617E-09	2.89052E-09	0.002890523
2405103813040	240510	3813040	0	1.8793E-06	0	0	0.000106751	0	0	0	0	0	0	0	0	7.87406E-10	1.72933E-09	2.51673E-09	0.002516733
2405303813040	240530	3813040	0	1.65314E-06	0	0	9.39045E-05	0	0	0	0	0	0	0	0	6.9265E-10	1.52122E-09	2.21387E-09	0.00221387
2405503813040	240550	3813040	0	1.46612E-06	0	0	8.32807E-05	0	0	0	0	0	0	0	0	6.14288E-10	1.34912E-09	1.96341E-09	0.001963407
2405703813040	240570	3813040	0	1.30985E-06	0	0	7.44043E-05	0	0	0	0	0	0	0	0	5.48814E-10	1.20532E-09	1.75414E-09	0.001754139
2405903813040	240590	3813040	0	1.17686E-06	0	0	6.68496E-05	0	0	0	0	0	0	0	0	4.9309E-10	1.08294E-09	1.57603E-09	0.001576032
2406103813040	240610	3813040	0	1.0624E-06	0	0	6.0348E-05	0	0	0	0	0	0	0	0	4.45134E-10	9.77618E-10	1.42275E-09	0.001422751
2406303813040	240630	3813040	0	9.64934E-07	0	0	5.48117E-05	0	0	0	0	0	0	0	0	4.04297E-10	8.87931E-10	1.29223E-09	0.001292228
2406503813040	240650	3813040	0	8.7771E-07	0	0	4.98571E-05	0	0	0	0	0	0	0	0	3.67751E-10	8.07668E-10	1.17542E-09	0.001175419
2404303813060	240430	3813060	0	4.52343E-06	0	0	0.000256947	0	0	0	0	0	0	0	0	1.89527E-09	4.16246E-09	6.05773E-09	0.006057728
2404503813060	240450	3813060	0	3.73045E-06	0	0	0.000211903	0	0	0	0	0	0	0	0	1.56302E-09	3.43275E-09	4.99577E-09	0.004995768
2404703813060	240470	3813060	0	3.12383E-06	0	0	0.000177445	0	0	0	0	0	0	0	0	1.30885E-09	2.87454E-09	4.18339E-09	0.004183393
2404903813060	240490	3813060	0	2.65077E-06	0	0	0.000150573	0	0	0	0	0	0	0	0	1.11064E-09	2.43923E-09	3.54987E-09	0.003549875
2405103813060	240510	3813060	0	2.28135E-06	0	0	0.000129589	0	0	0	0	0	0	0	0	9.55861E-10	2.09929E-09	3.05516E-09	0.003055155
2405303813060	240530	3813060	0	1.98665E-06	0	0	0.000112849	0	0	0	0	0	0	0	0	8.32384E-10	1.82811E-09	2.66049E-09	0.002660493
2405503813060	240550	3813060	0	1.74614E-06	0	0	9.91868E-05	0	0	0	0	0	0	0	0	7.31613E-10	1.60679E-09	2.33841E-09	0.002338406
2405703813060	240570	3813060	0	1.54503E-06	0	0	8.77632E-05	0	0	0	0	0	0	0	0	6.47351E-10	1.42173E-09	2.06909E-09	0.002069085
2405903813060	240590	3813060	0	1.37847E-06	0	0	7.8302E-05	0	0	0	0	0	0	0	0	5.77564E-10	1.26847E-09	1.84603E-09	0.00184603
2406103813060	240610	3813060	0	1.23742E-06	0	0	7.02899E-05	0	0	0	0	0	0	0	0	5.18466E-10	1.13867E-09	1.65714E-09	0.001657139
2406303813060	240630	3813060	0	1.11717E-06	0	0	6.3459E-05	0	0	0	0	0	0	0	0	4.68081E-10	1.02802E-09	1.4961E-09	0.001496096
2406503813060	240650	3813060	0	1.01209E-06	0	0	5.74902E-05	0	0	0	0	0	0	0	0	4.24054E-10	9.31321E-10	1.35538E-09	0.001355375
2405103813080	240510	3813080	0	2.74923E-06	0	0	0.000156166	0	0	0	0	0	0	0	0	1.1519E-09	2.52984E-09	3.68173E-09	0.003681734
2405303813080	240530	3813080	0	2.37283E-06	0	0	0.000134785	0	0	0	0	0	0	0	0	9.94188E-10	2.18347E-09	3.17766E-09	0.003177659
2405503813080	240550	3813080	0	2.06898E-06	0	0	0.000117525	0	0	0	0	0	0	0	0	8.66879E-10	1.90387E-09	2.77075E-09	0.002770748
2405703813080	240570	3813080	0	1.81845E-06	0	0	0.000103294	0	0	0	0	0	0	0	0	7.61909E-10	1.67333E-09	2.43524E-09	0.002435241
2405903813080	240590	3813080	0	1.60982E-06	0	0	9.14435E-05	0	0	0	0	0	0	0	0	6.74497E-10	1.48135E-09	2.15585E-09	0.00215585
2406103813080	240610	3813080	0	1.43555E-06	0	0	8.15443E-05	0	0	0	0	0	0	0	0	6.01479E-10	1.32099E-09	1.92247E-09	0.001922469
2406303813080	240630	3813080	0	1.28694E-06	0	0	7.31027E-05	0	0	0	0	0	0	0	0	5.39214E-10	1.18424E-09	1.72345E-09	0.001723453
2406503813080	240650	3813080	0	1.15848E-06	0	0	6.58059E-05	0	0	0	0	0	0	0	0	4.85391E-10	1.06603E-09	1.55142E-09	0.001551425
2405303813100	240530	3813100	0	2.80382E-06	0	0	0.000159267	0	0	0	0	0	0	0	0	1.17477E-09	2.58007E-09	3.75484E-09	0.003754841
2405503813100	240550	3813100	0	2.42408E-06	0	0	0.000137696	0	0	0	0	0	0	0	0	1.01566E-09	2.23063E-09	3.2463E-09	0.003246298
2405703813100	240570	3813100	0	2.11575E-06	0	0	0.000120182	0	0	0	0	0	0	0	0	8.86475E-10	1.94691E-09	2.83338E-09	0.002833382
2405903813100	240590	3813100	0	1.86008E-06	0	0	0.000105659	0	0	0	0	0	0	0	0	7.79352E-10	1.71164E-09	2.49099E-09	0.002490991
2406103813100	240610	3813100	0	1.64863E-06	0	0	9.36482E-05	0	0	0	0	0	0	0	0	6.90759E-10	1.51707E-09	2.20783E-09	0.002207828
2406303813100	240630	3813100	0	1.46932E-06	0	0	8.34624E-05	0	0	0	0	0	0	0	0	6.15628E-10	1.35206E-09	1.96769E-09	0.001967691
2406503813100	240650	3813100	0	1.31596E-06	0	0	7.47514E-05	0	0	0	0	0	0	0	0	5.51375E-10	1.21095E-09	1.76232E-09	0.001762323
2404203813060	240420	3813060	0	5.02091E-06	0	0	0.000285206	0	0	0	0	0	0	0	0	2.10371E-09	4.62024E-09	6.72395E-09	0.006723945
2404403813080	240440	3813080	0	5.11463E-06	0	0	0.000290529	0	0	0	0	0	0	0	0	2.14298E-09	4.70648E-09	6.84945E-09	0.006849451
2404603813080	240460	3813080	0	4.20031E-06	0	0	0.000238592	0	0	0	0	0	0	0	0	1.75988E-09	3.86512E-09	5.625E-09	0.005625002
2404803813080	240480	3813080	0	3.50621E-06	0	0	0.000199165	0	0	0	0	0	0	0	0	1.46906E-09	3.22641E-09	4.69547E-09	0.004695469
2404603813100	240460	3813100	0	5.13708E-06	0	0	0.000291804	0	0	0	0	0	0	0	0	2.15238E-09	4.72713E-09	6.879515E-09	0.006879514
2404803813100	240480	3813100	0	4.23566E-06	0	0	0.000240601	0	0	0	0	0	0	0	0	1.7747E-09	3.89765E-09	5.67235E-09	0.005672348
2405003813100	240500	3813100	0	3.55954E-06	0	0	0.000202194	0	0	0	0	0	0	0	0	1.49141E-09	3.27548E-09	4.76689E-09	0.004766891
2405203813100	240520	3813100	0	3.02661E-06	0	0	0.000171922	0	0	0	0	0	0	0	0	1.26812E-09	2.78508E-09	4.0532E-09	0.004053199
2405003813550	240500	3813550	0	9.06475E-07	0	0	5.1491E-05	0	0	0	0	0	0	0	0	3.79803E-10	8.34137E-10	1.21394E-09	0.00121394
2405203813550	240520	3813550	0	8.61209E-07	0	0	4.89197E-05	0	0	0	0	0	0	0	0	3.60837E-10	7.92483E-10	1.15332E-09	0.00115332

2405403813550	240540	3813550	0	8.30311E-07	0	0	4.71646E-05	0	0	0	0	0	0	0	0	3.47891E-10	7.64051E-10	1.11194E-09	0.001111943
2405603813550	240560	3813550	0	8.12046E-07	0	0	4.61271E-05	0	0	0	0	0	0	0	0	3.40239E-10	7.47244E-10	1.08748E-09	0.001087482
2405803813550	240580	3813550	0	7.99373E-07	0	0	4.54072E-05	0	0	0	0	0	0	0	0	3.34929E-10	7.35581E-10	1.07051E-09	0.00107051
2406003813550	240600	3813550	0	7.87806E-07	0	0	4.47502E-05	0	0	0	0	0	0	0	0	3.30082E-10	7.24938E-10	1.05502E-09	0.001055021
2406203813550	240620	3813550	0	7.73383E-07	0	0	4.39309E-05	0	0	0	0	0	0	0	0	3.24039E-10	7.11666E-10	1.03571E-09	0.001035705
2406403813550	240640	3813550	0	7.55692E-07	0	0	4.2926E-05	0	0	0	0	0	0	0	0	3.16627E-10	6.95387E-10	1.01201E-09	0.001012014
2406603813550	240660	3813550	0	7.35322E-07	0	0	4.17689E-05	0	0	0	0	0	0	0	0	3.08092E-10	6.76642E-10	9.84734E-10	0.000984734
2404603813570	240460	3813570	0	8.70929E-07	0	0	4.94719E-05	0	0	0	0	0	0	0	0	3.6491E-10	8.01428E-10	1.16634E-09	0.001166338
2404803813570	240480	3813570	0	8.24214E-07	0	0	4.68183E-05	0	0	0	0	0	0	0	0	3.45337E-10	7.5844E-10	1.10378E-09	0.001103777
2405003813570	240500	3813570	0	7.81272E-07	0	0	4.4379E-05	0	0	0	0	0	0	0	0	3.27344E-10	7.18925E-10	1.04627E-09	0.001046269
2405203813570	240520	3813570	0	7.46983E-07	0	0	4.24313E-05	0	0	0	0	0	0	0	0	3.12978E-10	6.87373E-10	1.00035E-09	0.001000351
2405403813570	240540	3813570	0	7.23427E-07	0	0	4.10933E-05	0	0	0	0	0	0	0	0	3.03108E-10	6.65697E-10	9.68805E-10	0.000968805
2405603813570	240560	3813570	0	7.07705E-07	0	0	4.02002E-05	0	0	0	0	0	0	0	0	2.96521E-10	6.51229E-10	9.4775E-10	0.00094775
2405803813570	240580	3813570	0	6.98149E-07	0	0	3.96573E-05	0	0	0	0	0	0	0	0	2.92517E-10	6.42435E-10	9.34952E-10	0.000934952
2406003813570	240600	3813570	0	6.89085E-07	0	0	3.91425E-05	0	0	0	0	0	0	0	0	2.88719E-10	6.34095E-10	9.22814E-10	0.000922814
2406203813570	240620	3813570	0	6.79022E-07	0	0	3.85709E-05	0	0	0	0	0	0	0	0	2.84503E-10	6.24835E-10	9.09338E-10	0.000909338
2406403813570	240640	3813570	0	6.66554E-07	0	0	3.78626E-05	0	0	0	0	0	0	0	0	2.79279E-10	6.13362E-10	8.92641E-10	0.000892641
2406603813570	240660	3813570	0	6.52172E-07	0	0	3.70457E-05	0	0	0	0	0	0	0	0	2.73253E-10	6.00127E-10	8.7338E-10	0.00087338
2404603813590	240460	3813590	0	7.57169E-07	0	0	4.30099E-05	0	0	0	0	0	0	0	0	3.17246E-10	6.96745E-10	1.01399E-09	0.001013991
2404803813590	240480	3813590	0	7.16496E-07	0	0	4.06995E-05	0	0	0	0	0	0	0	0	3.00204E-10	6.59319E-10	9.59523E-10	0.000959523
2405003813590	240500	3813590	0	6.81579E-07	0	0	3.87161E-05	0	0	0	0	0	0	0	0	2.85574E-10	6.27188E-10	9.12762E-10	0.000912762
2405203813590	240520	3813590	0	6.53511E-07	0	0	3.71218E-05	0	0	0	0	0	0	0	0	2.73814E-10	6.0136E-10	8.75174E-10	0.000875174
2405403813590	240540	3813590	0	6.34399E-07	0	0	3.60361E-05	0	0	0	0	0	0	0	0	2.65806E-10	5.83773E-10	8.49579E-10	0.000849579
2405603813590	240560	3813590	0	6.2152E-07	0	0	3.53046E-05	0	0	0	0	0	0	0	0	2.6041E-10	5.71922E-10	8.32332E-10	0.000832332
2405803813590	240580	3813590	0	6.14192E-07	0	0	3.48883E-05	0	0	0	0	0	0	0	0	2.5734E-10	5.65179E-10	8.22519E-10	0.000822519
2406003813590	240600	3813590	0	6.07698E-07	0	0	3.45194E-05	0	0	0	0	0	0	0	0	2.54619E-10	5.59203E-10	8.13822E-10	0.000813822
2406203813590	240620	3813590	0	6.01177E-07	0	0	3.4149E-05	0	0	0	0	0	0	0	0	2.51887E-10	5.53202E-10	8.05089E-10	0.000805089
2406403813590	240640	3813590	0	5.92783E-07	0	0	3.36722E-05	0	0	0	0	0	0	0	0	2.4837E-10	5.45478E-10	7.93847E-10	0.000793847
2406603813590	240660	3813590	0	5.82091E-07	0	0	3.30649E-05	0	0	0	0	0	0	0	0	2.4389E-10	5.3564E-10	7.7953E-10	0.00077953
2406803813590	240680	3813590	0	5.68064E-07	0	0	3.22681E-05	0	0	0	0	0	0	0	0	2.38013E-10	5.22732E-10	7.60745E-10	0.000760745
2404603813610	240460	3813610	0	6.6341E-07	0	0	3.7684E-05	0	0	0	0	0	0	0	0	2.77961E-10	6.10468E-10	8.8843E-10	0.00088843
2404803813610	240480	3813610	0	6.29696E-07	0	0	3.5769E-05	0	0	0	0	0	0	0	0	2.63836E-10	5.79445E-10	8.43281E-10	0.000843281
2405003813610	240500	3813610	0	6.00384E-07	0	0	3.41039E-05	0	0	0	0	0	0	0	0	2.51554E-10	5.52472E-10	8.04027E-10	0.000804027
2405203813610	240520	3813610	0	5.77375E-07	0	0	3.27969E-05	0	0	0	0	0	0	0	0	2.41914E-10	5.31299E-10	7.73213E-10	0.000773213
2405403813610	240540	3813610	0	5.61338E-07	0	0	3.1886E-05	0	0	0	0	0	0	0	0	2.35195E-10	5.16542E-10	7.51737E-10	0.000751737
2405603813610	240560	3813610	0	5.51016E-07	0	0	3.12997E-05	0	0	0	0	0	0	0	0	2.3087E-10	5.07044E-10	7.37914E-10	0.000737914
2405803813610	240580	3813610	0	5.44112E-07	0	0	3.09075E-05	0	0	0	0	0	0	0	0	2.27977E-10	5.00691E-10	7.28668E-10	0.000728668
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2406203813610	240620	3813610	0	5.34788E-07	0	0	3.03779E-05	0	0	0	0	0	0	0	0	2.2407E-10	4.92111E-10	7.16182E-10	0.000716182
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2406603813610	240660	3813610	0	5.21376E-07	0	0	2.9616E-05	0	0	0	0	0	0	0	0	2.18451E-10	4.7977E-10	6.98221E-10	0.000698221
2406803813610	240680	3813610	0	5.11779E-07	0	0	2.90709E-05	0	0	0	0	0	0	0	0	2.1443E-10	4.70938E-10	6.85368E-10	0.000685368
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2405203813630	240520	3813630	0	5.13296E-07	0	0	2.91571E-05	0	0	0	0	0	0	0	0	2.15066E-10	4.72335E-10	6.874E-10	0.0006874
2405403813630	240540	3813630	0	4.99898E-07	0	0	2.8396E-05	0	0	0	0	0	0	0	0	2.09452E-10	4.60006E-10	6.69458E-10	0.000669458
2405603813630	240560	3813630	0	4.92078E-07	0	0	2.79518E-05	0	0	0	0	0	0	0	0	2.06176E-10	4.5281E-10	6.58985E-10	0.000658985
2405803813630	240580	3813630	0	4.86801E-07	0	0	2.7652E-05	0	0	0	0	0	0	0	0	2.03964E-10	4.47954E-10	6.51918E-10	0.000651918
2406003813630	240600	3813630	0	4.83493E-07	0	0	2.74641E-05	0	0	0	0	0	0	0	0	2.02578E-10	4.44909E-10	6.47487E-10	0.000647487
2406203813630	240620	3813630	0	4.80211E-07	0	0	2.72777E-05	0	0	0	0	0	0	0	0	2.01203E-10	4.4189E-10	6.43093E-10	0.000643093
2406403813630	240640	3813630	0	4.7596E-07	0	0	2.70362E-05	0	0	0	0	0	0	0	0	1.99422E-10	4.37977E-10	6.37399E-10	0.000637399
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2404603813650	240460	3813650	0	5.21759E-07	0	0	2.96378E-05	0	0	0	0	0	0	0	0	2.18611E-10	4.80122E-10	6.98733E-10	0.000698733
2404803813650	240480	3813650	0	4.97314E-07	0	0	2.82492E-05	0	0	0	0	0	0	0	0	2.08369E-10	4.57628E-10	6.65997E-10	0.000665997
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2405203813650	240520	3813650	0	4.59964E-07	0	0	2.61276E-05	0	0	0	0	0	0	0	0	1.9272E-10	4.23258E-10	6.15978E-10	0.000615978
2405403813650	240540	3813650	0	4.49478E-07	0	0	2.55319E-05	0	0	0	0	0	0	0	0	1.88326E-10	4.13609E-10	6.01935E-10	0.000601935
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2405803813650	240580	3813650	0	4.38363E-07	0	0	2.49006E-05	0	0	0	0	0	0	0	0	1.83669E-10	4.03381E-10	5.8705E-10	0.00058705
2406003813650	240600	3813650	0	4.35724E-07	0	0	2.47507E-05	0	0	0	0	0	0	0	0	1.82564E-10	4.00953E-10	5.83517E-10	0.000583517
2406203813650	240620	3813650	0	4.33236E-07	0	0	2.46094E-05	0	0	0	0	0	0	0	0	1.81521E-10	3.98663E-10	5.80185E-10	0.000580185
2406403813650	240640	3813650	0	4.29832E-07	0	0	2.4416E-05	0	0	0	0	0	0	0	0	1.80095E-10	3.95531E-10	5.75626E-10	0.000575626
2406603813650	240660	3813650	0	4.25252E-07	0	0	2.41558E-05	0	0	0	0	0	0	0	0	1.78176E-10	3.91316E-10	5.69492E-10	0.000569492
2406803813650	240680	3813650	0	4.21164E-07	0	0	2.39236E-05	0	0	0	0	0	0	0	0	1.76463E-10	3.87555E-10	5.64018E-10	0.000564018
2404603813670	240460	3813670	0	4.67866E-07	0	0	2.65765E-05	0	0	0	0	0	0	0	0	1.96031E-10	4.3053E-10	6.26561E-10	0.000626561
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2405003813670	240500	3813670	0	4.29504E-07	0	0	2.43973E-05	0	0	0	0	0	0	0	0	1.79957E-10	3.95229E-10	5.75186E-10	0.000575186
2405203813670	240520	3813670	0	4.15887E-07	0	0	2.36239E-05	0	0	0	0	0	0	0	0	1.74252E-10	3.82699E-10	5.56951E-10	0.000556951
2405403813670	240540	3813670	0	4.05893E-07	0	0	2.30562E-05	0	0	0	0	0	0	0	0	1.70065E-10	3.73502E-10	5.43567E-10	0.000543567
2405603813670	240560	3813670	0	3.99645E-07	0	0	2.27013E-05	0	0	0	0	0	0	0	0	1.67447E-10	3.67753E-10	5.352E-10	0.0005352
2405803813670	240580	3813670	0	3.96583E-07	0	0	2.25273E-05	0	0	0	0	0	0	0	0	1.66164E-10	3.64935E-10	5.31099E-10	0.000531099
2406003813670	240600	3813670	0	3.94368E-07	0	0	2.24015E-05	0	0	0	0	0	0	0	0	1.65236E-10	3.62897E-10	5.28133E-10	0.000528133
2406203813670	240620	3813670	0	3.92659E-07	0	0	2.23044E-05	0	0	0	0	0	0	0	0	1.6452E-10	3.61324E-10	5.25844E-10	0.000525844
2406403813670	240640	3813670	0	3.90007E-07	0	0	2.21538E-05	0	0	0	0	0	0	0	0	1.63409E-10	3.58884E-10	5.22292E-10	0.000522292
2406603813670	240660	3813670	0	3.86917E-07	0	0	2.19783E-05	0	0	0	0	0	0	0	0	1.62114E-10	3.56041E-10	5.18155E-10	0.000518155
2406803813670	240680	3813670	0	3.83527E-07	0	0	2.17857E-05	0	0	0	0	0	0	0	0	1.60694E-10	3.52921E-10	5.13614E-10	0.000513614
2404603813690	240460	3813690	0	4.21889E-07	0	0	2.39648E-05	0	0	0	0	0	0	0	0	1.76767E-10	3.88221E-10	5.64988E-10	0.000564988
2404803813690	240480	3813690	0	4.0346E-07	0	0	2.29179E-05	0	0	0	0	0	0	0	0	1.69045E-10	3.71263E-10	5.40308E-10	0.000540308
2405003813690	240500	3813690	0	3.88462E-07	0	0	2.2066E-05	0	0	0	0	0	0	0	0	1.62761E-10	3.57462E-10	5.20224E-10	0.000520224
2405203813690	240520	3813690	0	3.75857E-07	0	0	2.135E-05	0	0	0	0	0	0	0	0	1.5748E-10	3.45863E-10	5.03343E-10	0.000503343
2405403813690	240540	3813690	0	3.68994E-07	0	0	2.09602E-05	0	0	0	0	0	0	0	0	1.54604E-10	3.39548E-10	4.94152E-10	0.000494152
2405603813690	240560	3813690	0	3.63935E-07	0	0	2.06728E-05	0	0	0	0	0	0	0	0	1.52485E-10	3.34893E-10	4.87378E-10	0.000487378
2405803813690	240580	3813690	0	3.62377E-07	0	0	2.05843E-05	0	0	0	0	0	0	0	0	1.51832E-10	3.33459E-10	4.85291E-10	0.000485291
2406003813690	240600	3813690	0	3.59519E-07	0	0	2.0422E-05	0	0	0	0	0	0	0	0	1.50635E-10	3.30829E-10	4.81464E-10	0.000481464
2406203813690	240620	3813690	0	3.57865E-07	0	0	2.0328E-05	0	0	0	0	0	0	0	0	1.49942E-10	3.29307E-10	4.79249E-10	0.000479249
2406403813690	240640	3813690	0	3.56047E-07	0	0	2.02247E-05	0	0	0	0	0	0	0	0	1.4918E-10	3.27634E-10	4.76814E-10	0.000476814
2406603813690	240660	3813690	0	3.536E-07	0	0	2.00857E-05	0	0	0	0	0	0	0	0	1.48154E-10	3.25382E-10	4.73536E-10	0.000473536
2406803813690	240680	3813690	0	3.50018E-07	0	0	1.98823E-05	0	0	0	0	0	0	0	0	1.46654E-10	3.22086E-10	4.68739E-10	0.000468739
2404603813710	240460	3813710	0	3.82146E-07	0	0	2.17072E-05	0	0	0	0	0	0	0	0	1.60115E-10	3.5165E-10	5.11765E-10	0.000511765

2404803813710	240480	3813710	0	3.66177E-07	0	0	2.08002E-05	0	0	0	0	0	0	0	0	1.53424E-10	3.36956E-10	4.9038E-10	0.00049038
2405003813710	240500	3813710	0	3.53107E-07	0	0	2.00578E-05	0	0	0	0	0	0	0	0	1.47948E-10	3.24929E-10	4.72877E-10	0.000472877
2405203813710	240520	3813710	0	3.42539E-07	0	0	1.94575E-05	0	0	0	0	0	0	0	0	1.4352E-10	3.15204E-10	4.58725E-10	0.000458725
2405403813710	240540	3813710	0	3.36661E-07	0	0	1.91235E-05	0	0	0	0	0	0	0	0	1.41057E-10	3.09795E-10	4.50852E-10	0.000450852
2405603813710	240560	3813710	0	3.32436E-07	0	0	1.88836E-05	0	0	0	0	0	0	0	0	1.39287E-10	3.05907E-10	4.45194E-10	0.000445194
2405803813710	240580	3813710	0	3.30973E-07	0	0	1.88005E-05	0	0	0	0	0	0	0	0	1.38674E-10	3.04561E-10	4.43235E-10	0.000443235

Sywest Industrial Building Project

Cancer Risk Summary & Maximum Annual GLC for Chronic Calculations

Cancer Risk Summary

Max Risk: 0.859813

XY	X	Y	Offroad Risk	Haul Risk	Total Risk
4000238129(	240002	3812965	0.1239751	0.000447	0.1244219
3989538130(	239895	3813066	0.075038087	0.000303	0.0753407
3990538130(	239905	3813061	0.080105588	0.000316	0.080422
3991838130(	239918	3813065	0.09171667	0.000342	0.0920588
3993338130(	239933	3813063	0.105316574	0.000372	0.1056885
3994238130(	239942	3813062	0.115100869	0.000392	0.1154928
3995738130(	239957	3813062	0.135570645	0.00043	0.1360004
4051038127:	240510	3812720	0.027763604	0.000244	0.0280071
4053038127:	240530	3812720	0.026529468	0.000237	0.0267664
4055038127:	240550	3812720	0.025397438	0.000231	0.0256288
4057038127:	240570	3812720	0.024303142	0.000225	0.0245285
4059038127:	240590	3812720	0.023233262	0.000219	0.0234521
4061038127:	240610	3812720	0.022216654	0.000212	0.0224289
4063038127:	240630	3812720	0.021255538	0.000205	0.021461
4065038127:	240650	3812720	0.020361012	0.000199	0.0205598
4051038127<	240510	3812740	0.030380592	0.000266	0.0306463
4053038127<	240530	3812740	0.028953346	0.000258	0.0292112
4055038127<	240550	3812740	0.02765484	0.000251	0.0279058
4057038127<	240570	3812740	0.026414046	0.000244	0.0266578
4059038127<	240590	3812740	0.025208766	0.000236	0.0254446
4061038127<	240610	3812740	0.024101152	0.000228	0.0243294
4063038127<	240630	3812740	0.023060128	0.000221	0.0232807
4065038127<	240650	3812740	0.022065717	0.000213	0.0222784
4055038127(	240550	3812760	0.03039169	0.000273	0.0306646
4057038127(	240570	3812760	0.02898886	0.000264	0.0292529
4059038127(	240590	3812760	0.027617106	0.000254	0.0278716
4061038127(	240610	3812760	0.026394069	0.000246	0.0266397
4063038127(	240630	3812760	0.025266478	0.000237	0.0255034
4065038127(	240650	3812760	0.024167742	0.000228	0.0243955
4055038127{	240550	3812780	0.033785562	0.000297	0.0340829
4057038127{	240570	3812780	0.032211818	0.000287	0.0324987
4059038127{	240590	3812780	0.030651391	0.000275	0.0309268
4061038127{	240610	3812780	0.029295174	0.000265	0.0295604
4063038127{	240630	3812780	0.0280566	0.000255	0.0283119
4065038127{	240650	3812780	0.026840222	0.000245	0.0270851
4055038128(	240550	3812800	0.038156088	0.000325	0.0384814
4057038128(	240570	3812800	0.036342619	0.000313	0.0366554
4059038128(	240590	3812800	0.034560226	0.000299	0.0348597
4061038128(	240610	3812800	0.033015337	0.000288	0.0333028
4063038128(	240630	3812800	0.031628045	0.000276	0.0319042
4065038128(	240650	3812800	0.030238533	0.000264	0.0305028
4031038128:	240310	3812820	0.087468226	0.000514	0.0879824
4033038128:	240330	3812820	0.083328545	0.000515	0.083844
4035038128:	240350	3812820	0.078989095	0.000512	0.0795012
4037038128:	240370	3812820	0.074594153	0.000504	0.0750985
4039038128:	240390	3812820	0.070170355	0.000492	0.0706621
4041038128:	240410	3812820	0.065813148	0.000475	0.0662884
4043038128:	240430	3812820	0.061884336	0.000459	0.0623434
4055038128:	240550	3812820	0.043798483	0.000357	0.0441557
4057038128:	240570	3812820	0.041689799	0.000343	0.0420324
4059038128:	240590	3812820	0.03961441	0.000327	0.0399416
4061038128:	240610	3812820	0.037816479	0.000313	0.0381298
4063038128:	240630	3812820	0.036180584	0.0003	0.0364807

Max GLC for Chronic Calcs

Max GLC: 0.017567

XY	X	Y	2027	2028	Max
2400023812965	240002	3812965	0.00253	0.0010808	0.00253
2398953813066	239895	3813066	0.0015327	0.0006542	0.0015327
2399053813061	239905	3813061	0.0016359	0.0006984	0.0016359
2399183813065	239918	3813065	0.0018722	0.0007996	0.0018722
2399333813063	239933	3813063	0.0021489	0.0009182	0.0021489
2399423813062	239942	3813062	0.0023479	0.0010035	0.0023479
2399573813062	239957	3813062	0.0027641	0.0011819	0.0027641
2405103812720	240510	3812720	0.0005728	0.0002421	0.0005728
2405303812720	240530	3812720	0.0005475	0.0002313	0.0005475
2405503812720	240550	3812720	0.0005243	0.0002214	0.0005243
2405703812720	240570	3812720	0.0005019	0.0002119	0.0005019
2405903812720	240590	3812720	0.00048	0.0002026	0.00048
2406103812720	240610	3812720	0.0004591	0.0001937	0.0004591
2406303812720	240630	3812720	0.0004393	0.0001853	0.0004393
2406503812720	240650	3812720	0.0004209	0.0001775	0.0004209
2405103812740	240510	3812740	0.0006267	0.0002649	0.0006267
2405303812740	240530	3812740	0.0005975	0.0002524	0.0005975
2405503812740	240550	3812740	0.0005709	0.0002411	0.0005709
2405703812740	240570	3812740	0.0005454	0.0002303	0.0005454
2405903812740	240590	3812740	0.0005207	0.0002198	0.0005207
2406103812740	240610	3812740	0.0004979	0.0002101	0.0004979
2406303812740	240630	3812740	0.0004765	0.000201	0.0004765
2406503812740	240650	3812740	0.000456	0.0001924	0.000456
2405503812760	240550	3812760	0.0006273	0.000265	0.0006273
2405703812760	240570	3812760	0.0005985	0.0002527	0.0005985
2405903812760	240590	3812760	0.0005703	0.0002408	0.0005703
2406103812760	240610	3812760	0.0005451	0.0002301	0.0005451
2406303812760	240630	3812760	0.0005219	0.0002203	0.0005219
2406503812760	240650	3812760	0.0004993	0.0002107	0.0004993
2405503812780	240550	3812780	0.000697	0.0002946	0.000697
2405703812780	240570	3812780	0.0006647	0.0002808	0.0006647
2405903812780	240590	3812780	0.0006326	0.0002672	0.0006326
2406103812780	240610	3812780	0.0006047	0.0002554	0.0006047
2406303812780	240630	3812780	0.0005792	0.0002446	0.0005792
2406503812780	240650	3812780	0.0005541	0.000234	0.0005541
2405503812800	240550	3812800	0.0007868	0.0003327	0.0007868
2405703812800	240570	3812800	0.0007495	0.0003168	0.0007495
2405903812800	240590	3812800	0.0007128	0.0003013	0.0007128
2406103812800	240610	3812800	0.000681	0.0002878	0.000681
2406303812800	240630	3812800	0.0006524	0.0002757	0.0006524
2406503812800	240650	3812800	0.0006238	0.0002636	0.0006238
2403103812820	240310	3812820	0.0017936	0.0007626	0.0017936
2403303812820	240330	3812820	0.0017098	0.0007265	0.0017098
2403503812820	240350	3812820	0.0016218	0.0006886	0.0016218
2403703812820	240370	3812820	0.0015324	0.0006503	0.0015324
2403903812820	240390	3812820	0.0014423	0.0006118	0.0014423
2404103812820	240410	3812820	0.0013533	0.0005738	0.0013533
2404303812820	240430	3812820	0.0012731	0.0005395	0.0012731
2405503812820	240550	3812820	0.0009024	0.0003818	0.0009024
2405703812820	240570	3812820	0.0008591	0.0003635	0.0008591
2405903812820	240590	3812820	0.0008164	0.0003454	0.0008164
2406103812820	240610	3812820	0.0007794	0.0003297	0.0007794
2406303812820	240630	3812820	0.0007457	0.0003154	0.0007457

4065038128	240650	3812820	0.03453581	0.000286	0.0348222
4029038128	240290	3812840	0.121178319	0.000618	0.1217959
4031038128	240310	3812840	0.112339602	0.000614	0.1129539
4033038128	240330	3812840	0.104917034	0.000612	0.1055292
4035038128	240350	3812840	0.097609887	0.000601	0.0982107
4037038128	240370	3812840	0.091092943	0.000587	0.0916803
4039038128	240390	3812840	0.085004395	0.000569	0.0855737
4041038128	240410	3812840	0.079031269	0.000545	0.0795765
4043038128	240430	3812840	0.073757338	0.000522	0.0742792
4045038128	240450	3812840	0.06913599	0.0005	0.069636
4055038128	240550	3812840	0.051143364	0.000394	0.0515377
4057038128	240570	3812840	0.048639578	0.000377	0.049017
4059038128	240590	3812840	0.046202383	0.00036	0.0465625
4061038128	240610	3812840	0.04395608	0.000343	0.0442996
4063038128	240630	3812840	0.04201387	0.000329	0.0423425
4065038128	240650	3812840	0.040047245	0.000313	0.0403603
4031038128	240310	3812860	0.147641198	0.000745	0.1483865
4033038128	240330	3812860	0.135388632	0.000738	0.1361266
4035038128	240350	3812860	0.124154894	0.000719	0.1248736
4037038128	240370	3812860	0.113939983	0.000691	0.1146311
4039038128	240390	3812860	0.105269961	0.000663	0.1059332
4041038128	240410	3812860	0.097334649	0.000632	0.0979664
4043038128	240430	3812860	0.0897789	0.000596	0.0903753
4045038128	240450	3812860	0.083645958	0.000567	0.0842133
4057038128	240570	3812860	0.057498272	0.000418	0.0579167
4059038128	240590	3812860	0.05437298	0.000398	0.0547705
4061038128	240610	3812860	0.051649448	0.000379	0.0520283
4063038128	240630	3812860	0.049203374	0.000361	0.0495648
4065038128	240650	3812860	0.046786156	0.000344	0.0471299
4031038128	240310	3812880	0.202025276	0.000937	0.2029621
4033038128	240330	3812880	0.179684321	0.000904	0.1805886
4035038128	240350	3812880	0.162313201	0.000871	0.1631845
4037038128	240370	3812880	0.146617931	0.000825	0.1474427
4039038128	240390	3812880	0.133473059	0.000779	0.1342519
4041038128	240410	3812880	0.122259297	0.000735	0.1229943
4043038128	240430	3812880	0.111906767	0.000689	0.1125958
4045038128	240450	3812880	0.103179034	0.000649	0.103828
4047038128	240470	3812880	0.09585413	0.000615	0.0964687
4055038128	240550	3812880	0.072953819	0.000493	0.0734468
4057038128	240570	3812880	0.068783063	0.000469	0.0692517
4059038128	240590	3812880	0.064774343	0.000444	0.0652184
4061038128	240610	3812880	0.061309442	0.000422	0.0617317
4063038128	240630	3812880	0.058155294	0.000402	0.058557
4065038128	240650	3812880	0.05510769	0.000381	0.055489
4033038129	240330	3812900	0.244975846	0.001128	0.2461036
4035038129	240350	3812900	0.217485262	0.00107	0.2185557
4037038129	240370	3812900	0.193790309	0.001001	0.1947909
4039038129	240390	3812900	0.172690148	0.000924	0.1736141
4041038129	240410	3812900	0.156397787	0.000864	0.157262
4043038129	240430	3812900	0.142094248	0.000807	0.1429015
4045038129	240450	3812900	0.12939109	0.000753	0.1301441
4047038129	240470	3812900	0.119415903	0.000711	0.1201272
4055038129	240550	3812900	0.088753413	0.000564	0.089317
4057038129	240570	3812900	0.0830977	0.000533	0.0836308
4059038129	240590	3812900	0.077874822	0.000504	0.0783784
4061038129	240610	3812900	0.073202421	0.000476	0.0736788
4063038129	240630	3812900	0.0690694	0.000452	0.069521
4065038129	240650	3812900	0.065080657	0.000427	0.0655075
4035038129	240350	3812920	0.295661958	0.001332	0.2969938
4037038129	240370	3812920	0.258788838	0.001226	0.2600146
4039038129	240390	3812920	0.227311731	0.00112	0.2284321
2406503812820	240650	3812820	0.0007118	0.0003011	0.0007118
2402903812840	240290	3812840	0.0024807	0.0010565	0.0024807
2403103812840	240310	3812840	0.0023016	0.0009794	0.0023016
2403303812840	240330	3812840	0.0021512	0.0009147	0.0021512
2403503812840	240350	3812840	0.0020027	0.000851	0.0020027
2403703812840	240370	3812840	0.0018701	0.0007942	0.0018701
2403903812840	240390	3812840	0.001746	0.0007411	0.001746
2404103812840	240410	3812840	0.001624	0.000689	0.001624
2404303812840	240430	3812840	0.0015162	0.000643	0.0015162
2404503812840	240450	3812840	0.0014217	0.0006027	0.0014217
2405503812840	240550	3812840	0.0010528	0.0004459	0.0010528
2405703812840	240570	3812840	0.0010013	0.0004241	0.0010013
2405903812840	240590	3812840	0.0009512	0.0004028	0.0009512
2406103812840	240610	3812840	0.000905	0.0003832	0.000905
2406303812840	240630	3812840	0.000865	0.0003663	0.000865
2406503812840	240650	3812840	0.0008245	0.0003491	0.0008245
2403103812860	240310	3812860	0.0030221	0.0012872	0.0030221
2403303812860	240330	3812860	0.0027737	0.0011804	0.0027737
2403503812860	240350	3812860	0.0025453	0.0010824	0.0025453
2403703812860	240370	3812860	0.0023373	0.0009934	0.0023373
2403903812860	240390	3812860	0.0021605	0.0009178	0.0021605
2404103812860	240410	3812860	0.0019984	0.0008486	0.0019984
2404303812860	240430	3812860	0.0018439	0.0007827	0.0018439
2404503812860	240450	3812860	0.0017184	0.0007292	0.0017184
2405703812860	240570	3812860	0.0011825	0.0005013	0.0011825
2405903812860	240590	3812860	0.0011183	0.000474	0.0011183
2406103812860	240610	3812860	0.0010623	0.0004503	0.0010623
2406303812860	240630	3812860	0.001012	0.000429	0.001012
2406503812860	240650	3812860	0.0009623	0.0004079	0.0009623
2403103812880	240310	3812880	0.0041318	0.0017613	0.0041318
2403303812880	240330	3812880	0.0036779	0.0015665	0.0036779
2403503812880	240350	3812880	0.0033247	0.0014151	0.0033247
2403703812880	240370	3812880	0.0030048	0.0012783	0.0030048
2403903812880	240390	3812880	0.0027367	0.0011637	0.0027367
2404103812880	240410	3812880	0.0025077	0.0010659	0.0025077
2404303812880	240430	3812880	0.002296	0.0009756	0.002296
2404503812880	240450	3812880	0.0021175	0.0008995	0.0021175
2404703812880	240470	3812880	0.0019677	0.0008357	0.0019677
2405503812880	240550	3812880	0.0014987	0.000636	0.0014987
2405703812880	240570	3812880	0.0014132	0.0005997	0.0014132
2405903812880	240590	3812880	0.0013309	0.0005647	0.0013309
2406103812880	240610	3812880	0.0012598	0.0005345	0.0012598
2406303812880	240630	3812880	0.0011951	0.000507	0.0011951
2406503812880	240650	3812880	0.0011325	0.0004804	0.0011325
2403303812900	240330	3812900	0.0050098	0.0021358	0.0050098
2403503812900	240350	3812900	0.0044506	0.0018961	0.0044506
2403703812900	240370	3812900	0.0039677	0.0016895	0.0039677
2403903812900	240390	3812900	0.0035371	0.0015056	0.0035371
2404103812900	240410	3812900	0.0032046	0.0013635	0.0032046
2404303812900	240430	3812900	0.0029125	0.0012388	0.0029125
2404503812900	240450	3812900	0.0026529	0.0011281	0.0026529
2404703812900	240470	3812900	0.0024491	0.0010411	0.0024491
2405503812900	240550	3812900	0.0018217	0.0007738	0.0018217
2405703812900	240570	3812900	0.0017059	0.0007245	0.0017059
2405903812900	240590	3812900	0.0015988	0.0006789	0.0015988
2406103812900	240610	3812900	0.001503	0.0006382	0.001503
2406303812900	240630	3812900	0.0014183	0.0006022	0.0014183
2406503812900	240650	3812900	0.0013364	0.0005674	0.0013364
2403503812920	240350	3812920	0.0060451	0.0025777	0.0060451
2403703812920	240370	3812920	0.0052938	0.0022562	0.0052938
2403903812920	240390	3812920	0.0046518	0.0019818	0.0046518

4041038129	240410	3812920	0.202313833	0.001035	0.2033484
4043038129	240430	3812920	0.182143712	0.000964	0.1831079
4045038129	240450	3812920	0.164299804	0.000895	0.1651953
4047038129	240470	3812920	0.149669974	0.000838	0.1505081
4049038129	240490	3812920	0.137568346	0.00079	0.138358
4055038129	240550	3812920	0.108703787	0.000658	0.1093615
4057038129	240570	3812920	0.100695226	0.000616	0.1013111
4059038129	240590	3812920	0.093936337	0.00058	0.0945165
4061038129	240610	3812920	0.087701291	0.000546	0.088247
4063038129	240630	3812920	0.082141023	0.000514	0.0826552
4065038129	240650	3812920	0.077004712	0.000484	0.0774887
4035038129	240350	3812940	0.403002869	0.001692	0.4046948
4037038129	240370	3812940	0.345915235	0.001537	0.3474526
4039038129	240390	3812940	0.300598499	0.001405	0.3020033
4041038129	240410	3812940	0.262715431	0.001279	0.2639949
4043038129	240430	3812940	0.233682177	0.001186	0.2348678
4045038129	240450	3812940	0.209192583	0.001099	0.2102911
4047038129	240470	3812940	0.188030271	0.001015	0.1890456
4049038129	240490	3812940	0.171313954	0.000951	0.1722647
4057038129	240570	3812940	0.121231591	0.000718	0.1219497
4059038129	240590	3812940	0.112608182	0.000675	0.1132828
4061038129	240610	3812940	0.104735021	0.000633	0.105368
4063038129	240630	3812940	0.097434534	0.000593	0.0980271
4065038129	240650	3812940	0.090757773	0.000554	0.0913121
4037038129	240370	3812960	0.459690963	0.002034	0.4617249
4039038129	240390	3812960	0.394053169	0.001846	0.3958995
4041038129	240410	3812960	0.340492587	0.001666	0.3421581
4043038129	240430	3812960	0.298108032	0.001514	0.2996219
4045038129	240450	3812960	0.26465542	0.001391	0.2660467
4047038129	240470	3812960	0.23586633	0.001272	0.2371388
4049038129	240490	3812960	0.211978266	0.00117	0.2131481
4051038129	240510	3812960	0.192283155	0.001084	0.1933672
4057038129	240570	3812960	0.14582107	0.000855	0.1466758
4059038129	240590	3812960	0.13433207	0.000795	0.1351275
4061038129	240610	3812960	0.124037251	0.00074	0.1247776
4063038129	240630	3812960	0.114801214	0.000689	0.1154906
4065038129	240650	3812960	0.106377575	0.000641	0.1070189
4037038129	240370	3812980	0.603583141	0.002911	0.6064946
4039038129	240390	3812980	0.508883238	0.002559	0.5114422
4041038129	240410	3812980	0.435454411	0.002263	0.4377169
4043038129	240430	3812980	0.376431227	0.002004	0.3784348
4045038129	240450	3812980	0.330324289	0.001801	0.3321257
4047038129	240470	3812980	0.292328017	0.001627	0.293955
4049038129	240490	3812980	0.26024938	0.001472	0.2617212
4051038129	240510	3812980	0.233284856	0.001338	0.2346229
4053038129	240530	3812980	0.210009421	0.001218	0.211227
4055038129	240550	3812980	0.190358703	0.001115	0.1914741
4057038129	240570	3812980	0.173136301	0.001023	0.1741591
4059038129	240590	3812980	0.158197937	0.000941	0.1591393
4061038129	240610	3812980	0.145190684	0.00087	0.1460602
4063038129	240630	3812980	0.133901454	0.000807	0.1347085
4065038129	240650	3812980	0.123584439	0.000748	0.1243321
4039038130	240390	3813000	0.646049824	0.003659	0.6497083
4041038130	240410	3813000	0.547290149	0.003132	0.5504226
4043038130	240430	3813000	0.468698374	0.002703	0.4714012
4045038130	240450	3813000	0.405797431	0.002357	0.4081546
4047038130	240470	3813000	0.355586327	0.002086	0.3576721
4049038130	240490	3813000	0.313679001	0.001854	0.3155331
4051038130	240510	3813000	0.278333013	0.001655	0.2799876
4053038130	240530	3813000	0.248513997	0.001485	0.2499987
4055038130	240550	3813000	0.223789118	0.001346	0.2251356

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2404303812920	240430	3812920	0.0037303	0.001588	0.0037303
2404503812920	240450	3812920	0.003366	0.0014324	0.003366
2404703812920	240470	3812920	0.0030672	0.0013049	0.0030672
2404903812920	240490	3812920	0.0028201	0.0011994	0.0028201
2405503812920	240550	3812920	0.0022298	0.0009477	0.0022298
2405703812920	240570	3812920	0.0020658	0.0008779	0.0020658
2405903812920	240590	3812920	0.0019274	0.000819	0.0019274
2406103812920	240610	3812920	0.0017996	0.0007646	0.0017996
2406303812920	240630	3812920	0.0016857	0.0007161	0.0016857
2406503812920	240650	3812920	0.0015804	0.0006713	0.0015804
2403503812940	240350	3812940	0.0082344	0.0035135	0.0082344
2403703812940	240370	3812940	0.0070717	0.0030158	0.0070717
2403903812940	240390	3812940	0.0061482	0.0026207	0.0061482
2404103812940	240410	3812940	0.0053756	0.0022904	0.0053756
2404303812940	240430	3812940	0.0047836	0.0020373	0.0047836
2404503812940	240450	3812940	0.0042839	0.0018238	0.0042839
2404703812940	240470	3812940	0.0038517	0.0016393	0.0038517
2404903812940	240490	3812940	0.0035104	0.0014936	0.0035104
2405703812940	240570	3812940	0.0024861	0.0010569	0.0024861
2405903812940	240590	3812940	0.0023096	0.0009817	0.0023096
2406103812940	240610	3812940	0.0021484	0.0009131	0.0021484
2406303812940	240630	3812940	0.0019988	0.0008495	0.0019988
2406503812940	240650	3812940	0.0018619	0.0007913	0.0018619
2403703812960	240370	3812960	0.0093972	0.0040077	0.0093972
2403903812960	240390	3812960	0.0080599	0.0034355	0.0080599
2404103812960	240410	3812960	0.0069674	0.0029685	0.0069674
2404303812960	240430	3812960	0.0061025	0.002599	0.0061025
2404503812960	240450	3812960	0.0054197	0.0023073	0.0054197
2404703812960	240470	3812960	0.0048316	0.0020563	0.0048316
2404903812960	240490	3812960	0.0043434	0.0018481	0.0043434
2405103812960	240510	3812960	0.0039408	0.0016764	0.0039408
2405703812960	240570	3812960	0.00299	0.0012713	0.00299
2405903812960	240590	3812960	0.0027548	0.0011711	0.0027548
2406103812960	240610	3812960	0.0025439	0.0010814	0.0025439
2406303812960	240630	3812960	0.0023547	0.0010009	0.0023547
2406503812960	240650	3812960	0.002182	0.0009274	0.002182
2403703812980	240370	3812980	0.0123491	0.0052622	0.0123491
2403903812980	240390	3812980	0.0104161	0.0044366	0.0104161
2404103812980	240410	3812980	0.0089163	0.0037964	0.0089163
2404303812980	240430	3812980	0.0077098	0.0032818	0.0077098
2404503812980	240450	3812980	0.0067673	0.0028799	0.0067673
2404703812980	240470	3812980	0.0059903	0.0025486	0.0059903
2404903812980	240490	3812980	0.005334	0.0022689	0.005334
2405103812980	240510	3812980	0.0047821	0.0020338	0.0047821
2405303812980	240530	3812980	0.0043056	0.0018309	0.0043056
2405503812980	240550	3812980	0.0039032	0.0016596	0.0039032
2405703812980	240570	3812980	0.0035504	0.0015094	0.0035504
2405903812980	240590	3812980	0.0032444	0.0013792	0.0032444
2406103812980	240610	3812980	0.0029779	0.0012658	0.0029779
2406303812980	240630	3812980	0.0027465	0.0011674	0.0027465
2406503812980	240650	3812980	0.002535	0.0010774	0.002535
2403903813000	240390	3813000	0.0132414	0.0056324	0.0132414
2404103813000	240410	3813000	0.0112187	0.0047714	0.0112187
2404303813000	240430	3813000	0.0096085	0.0040862	0.0096085
2404503813000	240450	3813000	0.0083198	0.0035379	0.0083198
2404703813000	240470	3813000	0.0072912	0.0031001	0.0072912
2404903813000	240490	3813000	0.0064325	0.0027347	0.0064325
2405103813000	240510	3813000	0.0057081	0.0024266	0.0057081
2405303813000	240530	3813000	0.0050969	0.0021666	0.0050969
2405503813000	240550	3813000	0.0045902	0.0019511	0.0045902

4057038130(	240570	3813000	0.202387082	0.001224	0.2036116
4059038130(	240590	3813000	0.183946083	0.001119	0.1850648
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4063038130(	240630	3813000	0.154149263	0.000947	0.1550964
4065038130(	240650	3813000	0.141605921	0.000872	0.1424779
4039038130:	240390	3813020	0.810571594	0.005258	0.8158297
4041038130:	240410	3813020	0.674299535	0.004297	0.6785966
4043038130:	240430	3813020	0.571573313	0.003617	0.5751905
4045038130:	240450	3813020	0.48949888	0.003082	0.4925804
4047038130:	240470	3813020	0.424051978	0.002665	0.4267166
4049038130:	240490	3813020	0.370899815	0.002331	0.3732304
4051038130:	240510	3813020	0.32677948	0.002053	0.3288323
4053038130:	240530	3813020	0.290110569	0.001824	0.2919346
4055038130:	240550	3813020	0.25938149	0.001634	0.2610158
4057038130:	240570	3813020	0.233247122	0.001473	0.23472
4059038130:	240590	3813020	0.210828478	0.001334	0.2121627
4061038130:	240610	3813020	0.191464097	0.001214	0.1926781
4063038130:	240630	3813020	0.174685629	0.00111	0.1757956
4065038130:	240650	3813020	0.159731728	0.001014	0.1607461
4041038130<	240410	3813040	0.81033631	0.005746	0.8160822
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4045038130<	240450	3813040	0.575100365	0.003966	0.5790664
4047038130<	240470	3813040	0.492815064	0.003358	0.4961727
4049038130<	240490	3813040	0.427461387	0.002891	0.4303519
4051038130<	240510	3813040	0.374242634	0.002517	0.3767594
4053038130<	240530	3813040	0.330382001	0.002214	0.3325959
4055038130<	240550	3813040	0.293728628	0.001963	0.295692
4057038130<	240570	3813040	0.262821975	0.001754	0.2645761
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4043038130(	240430	3813060	0.776994681	0.006058	0.7830524
4045038130(	240450	3813060	0.652861984	0.004996	0.6578578
4047038130(	240470	3813060	0.556108888	0.004183	0.5602923
4049038130(	240490	3813060	0.479195183	0.00355	0.4827451
4051038130(	240510	3813060	0.417297529	0.003055	0.4203527
4053038130(	240530	3813060	0.366682446	0.00266	0.3693429
4055038130(	240550	3813060	0.324686333	0.002338	0.3270247
4057038130(	240570	3813060	0.289362541	0.002069	0.2914316
4059038130(	240590	3813060	0.259543525	0.001846	0.2613896
4061038130(	240610	3813060	0.234077278	0.001657	0.2357344
4063038130(	240630	3813060	0.212171377	0.001496	0.2136675
4065038130(	240650	3813060	0.19311775	0.001355	0.1944731
4051038130:	240510	3813080	0.451440458	0.003682	0.4551222
4053038130:	240530	3813080	0.395771192	0.003178	0.3989489
4055038130:	240550	3813080	0.349775237	0.002771	0.352546
4057038130:	240570	3813080	0.311286199	0.002435	0.3137214
4059038130:	240590	3813080	0.278754749	0.002156	0.2809106
4061038130:	240610	3813080	0.251042198	0.001922	0.2529647
4063038130:	240630	3813080	0.227207406	0.001723	0.2289309
4065038130:	240650	3813080	0.206537861	0.001551	0.2080893
4053038131(	240530	3813100	0.414165578	0.003755	0.4179204
4055038131(	240550	3813100	0.366236293	0.003246	0.3694826
4057038131(	240570	3813100	0.326133557	0.002833	0.3289669
4059038131(	240590	3813100	0.292208155	0.002491	0.2946991
4061038131(	240610	3813100	0.263263688	0.002208	0.2654715
4063038131(	240630	3813100	0.238345699	0.001968	0.2403134
4065038131(	240650	3813100	0.216735014	0.001762	0.2184973
4042038130(	240420	3813060	0.853089329	0.006724	0.8598133
4044038130:	240440	3813080	0.778552888	0.006849	0.7854023

2405703813000	240570	3813000	0.0041515	0.0017645	0.0041515
2405903813000	240590	3813000	0.0037735	0.0016037	0.0037735
2406103813000	240610	3813000	0.0034472	0.0014649	0.0034472
2406303813000	240630	3813000	0.0031626	0.0013439	0.0031626
2406503813000	240650	3813000	0.0029054	0.0012346	0.0029054
2403903813020	240390	3813020	0.0166423	0.0070668	0.0166423
2404103813020	240410	3813020	0.0138411	0.0058787	0.0138411
2404303813020	240430	3813020	0.0117314	0.0049831	0.0117314
2404503813020	240450	3813020	0.0100461	0.0042676	0.0100461
2404703813020	240470	3813020	0.0087027	0.003697	0.0087027
2404903813020	240490	3813020	0.0076119	0.0032336	0.0076119
2405103813020	240510	3813020	0.0067064	0.002849	0.0067064
2405303813020	240530	3813020	0.0059539	0.0025293	0.0059539
2405503813020	240550	3813020	0.0053234	0.0022614	0.0053234
2405703813020	240570	3813020	0.0047872	0.0020335	0.0047872
2405903813020	240590	3813020	0.0043272	0.0018381	0.0043272
2406103813020	240610	3813020	0.0039298	0.0016692	0.0039298
2406303813020	240630	3813020	0.0035856	0.001523	0.0035856
2406503813020	240650	3813020	0.0032786	0.0013926	0.0032786
2404103813040	240410	3813040	0.0166585	0.0070647	0.0166585
2404303813040	240430	3813040	0.0139393	0.0059129	0.0139393
2404503813040	240450	3813040	0.0118178	0.0050139	0.0118178
2404703813040	240470	3813040	0.0101252	0.0042965	0.0101252
2404903813040	240490	3813040	0.0087815	0.0037267	0.0087815
2405103813040	240510	3813040	0.0076876	0.0032627	0.0076876
2405303813040	240530	3813040	0.0067863	0.0028804	0.0067863
2405503813040	240550	3813040	0.0060332	0.0025608	0.0060332
2405703813040	240570	3813040	0.0053983	0.0022914	0.0053983
2405903813040	240590	3813040	0.0048569	0.0020616	0.0048569
2406103813040	240610	3813040	0.0043914	0.0018641	0.0043914
2406303813040	240630	3813040	0.0039911	0.0016941	0.0039911
2406503813040	240650	3813040	0.0036392	0.0015448	0.0036392
2404303813060	240430	3813060	0.0159968	0.0067741	0.0159968
2404503813060	240450	3813060	0.0134371	0.0056918	0.0134371
2404703813060	240470	3813060	0.0114426	0.0048483	0.0114426
2404903813060	240490	3813060	0.0098577	0.0041778	0.0098577
2405103813060	240510	3813060	0.0085828	0.0036381	0.0085828
2405303813060	240530	3813060	0.0075407	0.0031968	0.0075407
2405503813060	240550	3813060	0.0066763	0.0028307	0.0066763
2405703813060	240570	3813060	0.0059493	0.0025227	0.0059493
2405903813060	240590	3813060	0.0053358	0.0022628	0.0053358
2406103813060	240610	3813060	0.0048119	0.0020407	0.0048119
2406303813060	240630	3813060	0.0043614	0.0018498	0.0043614
2406503813060	240650	3813060	0.0039694	0.0016837	0.0039694
2405103813080	240510	3813080	0.0093013	0.0039358	0.0093013
2405303813080	240530	3813080	0.0081521	0.0034504	0.0081521
2405503813080	240550	3813080	0.0072031	0.0030494	0.0072031
2405703813080	240570	3813080	0.0064091	0.0027139	0.0064091
2405903813080	240590	3813080	0.0057383	0.0024303	0.0057383
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2406303813080	240630	3813080	0.0046757	0.0019809	0.0046757
2406503813080	240650	3813080	0.0042497	0.0018007	0.0042497
2405303813100	240530	3813100	0.0085496	0.0036108	0.0085496
2405503813100	240550	3813100	0.007557	0.0031929	0.007557
2405703813100	240570	3813100	0.006727	0.0028433	0.006727
2405903813100	240590	3813100	0.0060252	0.0025476	0.0060252
2406103813100	240610	3813100	0.0054268	0.0022952	0.0054268
2406303813100	240630	3813100	0.0049118	0.002078	0.0049118
2406503813100	240650	3813100	0.0044653	0.0018896	0.0044653
2404203813060	240420	3813060	0.0175666	0.0074375	0.0175666
2404403813080	240440	3813080	0.0160625	0.0067876	0.0160625

4046038130	240460	3813080	0.655665424	0.005625	0.6612904
4048038130	240480	3813080	0.559873445	0.004695	0.5645689
4046038131	240460	3813100	0.68575524	0.00688	0.6926348
4048038131	240480	3813100	0.585304178	0.005672	0.5909765
4050038131	240500	3813100	0.505888907	0.004767	0.5106558
4052038131	240520	3813100	0.441731631	0.004053	0.4457848
4050038135	240500	3813550	0.056486104	0.001214	0.0577
4052038135	240520	3813550	0.055829082	0.001153	0.0569824
4054038135	240540	3813550	0.055123228	0.001112	0.0562352
4056038135	240560	3813550	0.054392957	0.001087	0.0554804
4058038135	240580	3813550	0.053584998	0.001071	0.0546555
4060038135	240600	3813550	0.052741524	0.001055	0.0537965
4062038135	240620	3813550	0.051849218	0.001036	0.0528849
4064038135	240640	3813550	0.050939154	0.001012	0.0519512
4066038135	240660	3813550	0.05003353	0.000985	0.0510183
4046038135	240460	3813570	0.05277038	0.001166	0.0539367
4048038135	240480	3813570	0.052535095	0.001104	0.0536389
4050038135	240500	3813570	0.052173289	0.001046	0.0532196
4052038135	240520	3813570	0.05170272	0.001	0.0527031
4054038135	240540	3813570	0.051156682	0.000969	0.0521255
4056038135	240560	3813570	0.050493001	0.000948	0.0514408
4058038135	240580	3813570	0.049809343	0.000935	0.0507443
4060038135	240600	3813570	0.049043558	0.000923	0.0499664
4062038135	240620	3813570	0.048264455	0.000909	0.0491738
4064038135	240640	3813570	0.047478692	0.000893	0.0483713
4066038135	240660	3813570	0.046719566	0.000873	0.0475929
4046038135	240460	3813590	0.048841568	0.001014	0.0498556
4048038135	240480	3813590	0.048604064	0.00096	0.0495636
4050038135	240500	3813590	0.048335484	0.000913	0.0492482
4052038135	240520	3813590	0.047944822	0.000875	0.04882
4054038135	240540	3813590	0.04749201	0.00085	0.0483416
4056038135	240560	3813590	0.046930434	0.000832	0.0477628
4058038135	240580	3813590	0.04635998	0.000823	0.0471825
4060038135	240600	3813590	0.045709617	0.000814	0.0465234
4062038135	240620	3813590	0.045061474	0.000805	0.0458666
4064038135	240640	3813590	0.044388915	0.000794	0.0451828
4066038135	240660	3813590	0.043716355	0.00078	0.0444959
4068038135	240680	3813590	0.042937252	0.000761	0.043698
4046038136	240460	3813610	0.045263464	0.000888	0.0461519
4048038136	240480	3813610	0.045116966	0.000843	0.0459602
4050038136	240500	3813610	0.04488834	0.000804	0.0456924
4052038136	240520	3813610	0.044573147	0.000773	0.0453464
4054038136	240540	3813610	0.043742992	0.000752	0.0444947
4056038136	240560	3813610	0.043243566	0.000738	0.0439815
4058038136	240580	3813610	0.04268421	0.000729	0.0434129
4060038136	240600	3813610	0.042144831	0.000722	0.0428673
4062038136	240620	3813610	0.041598793	0.000716	0.042315
4064038136	240640	3813610	0.041543301	0.000709	0.0422519
4066038136	240660	3813610	0.040937332	0.000698	0.0416356
4068038136	240680	3813610	0.040315825	0.000685	0.0410012
4046038136	240460	3813630	0.042064923	0.000785	0.0428501
4048038136	240480	3813630	0.041740851	0.000746	0.0424872
4050038136	240500	3813630	0.041472271	0.000713	0.042185
4052038136	240520	3813630	0.041159298	0.000687	0.0418467
4054038136	240540	3813630	0.040777515	0.000669	0.041447
4056038136	240560	3813630	0.040382415	0.000659	0.0410414
4058038136	240580	3813630	0.039918504	0.000652	0.0405704
4060038136	240600	3813630	0.039461253	0.000647	0.0401087
4062038136	240620	3813630	0.038997342	0.000643	0.0396404
4064038136	240640	3813630	0.038999562	0.000637	0.039637
4066038136	240660	3813630	0.038460182	0.00063	0.03909

2404603813080	240460	3813080	0.013521	0.0057163	0.013521
2404803813080	240480	3813080	0.011541	0.0048811	0.011541
2404603813100	240460	3813100	0.0141845	0.0059786	0.0141845
2404803813100	240480	3813100	0.0120981	0.0051028	0.0120981
2405003813100	240500	3813100	0.0104508	0.0044105	0.0104508
2405203813100	240520	3813100	0.0091207	0.0038511	0.0091207
2405003813550	240500	3813550	0.0011963	0.0004925	0.0011963
2405203813550	240520	3813550	0.0011804	0.0004867	0.0011804
2405403813550	240540	3813550	0.0011643	0.0004806	0.0011643
2405603813550	240560	3813550	0.0011485	0.0004742	0.0011485
2405803813550	240580	3813550	0.0011314	0.0004672	0.0011314
2406003813550	240600	3813550	0.0011136	0.0004598	0.0011136
2406203813550	240620	3813550	0.0010947	0.000452	0.0010947
2406403813550	240640	3813550	0.0010753	0.0004441	0.0010753
2406603813550	240660	3813550	0.0010558	0.0004362	0.0010558
2404603813570	240460	3813570	0.001119	0.0004601	0.001119
2404803813570	240480	3813570	0.0011116	0.000458	0.0011116
2405003813570	240500	3813570	0.0011017	0.0004549	0.0011017
2405203813570	240520	3813570	0.0010902	0.0004508	0.0010902
2405403813570	240540	3813570	0.0010778	0.000446	0.0010778
2405603813570	240560	3813570	0.0010635	0.0004402	0.0010635
2405803813570	240580	3813570	0.0010491	0.0004343	0.0010491
2406003813570	240600	3813570	0.001033	0.0004276	0.001033
2406203813570	240620	3813570	0.0010167	0.0004208	0.0010167
2406403813570	240640	3813570	0.001	0.0004139	0.001
2406603813570	240660	3813570	0.0009838	0.0004073	0.0009838
2404603813590	240460	3813590	0.0010329	0.0004258	0.0010329
2404803813590	240480	3813590	0.0010257	0.0004237	0.0010257
2405003813590	240500	3813590	0.0010183	0.0004214	0.0010183
2405203813590	240520	3813590	0.0010087	0.000418	0.0010087
2405403813590	240540	3813590	0.0009985	0.000414	0.0009985
2405603813590	240560	3813590	0.0009863	0.0004092	0.0009863
2405803813590	240580	3813590	0.0009744	0.0004042	0.0009744
2406003813590	240600	3813590	0.0009608	0.0003985	0.0009608
2406203813590	240620	3813590	0.0009473	0.0003929	0.0009473
2406403813590	240640	3813590	0.0009332	0.000387	0.0009332
2406603813590	240660	3813590	0.000919	0.0003811	0.000919
2406803813590	240680	3813590	0.0009024	0.0003743	0.0009024
2404603813610	240460	3813610	0.000955	0.0003946	0.000955
2404803813610	240480	3813610	0.0009501	0.0003933	0.0009501
2405003813610	240500	3813610	0.0009438	0.0003913	0.0009438
2405203813610	240520	3813610	0.000936	0.0003886	0.000936
2405403813610	240540	3813610	0.0009183	0.0003814	0.0009183
2405603813610	240560	3813610	0.0009076	0.000377	0.0009076
2405803813610	240580	3813610	0.0008959	0.0003721	0.0008959
2406003813610	240600	3813610	0.0008847	0.0003674	0.0008847
2406203813610	240620	3813610	0.0008734	0.0003627	0.0008734
2406403813610	240640	3813610	0.0008719	0.0003622	0.0008719
2406603813610	240660	3813610	0.0008592	0.0003569	0.0008592
2406803813610	240680	3813610	0.000846	0.0003515	0.000846
2404603813630	240460	3813630	0.0008858	0.0003667	0.0008858
2404803813630	240480	3813630	0.0008775	0.0003639	0.0008775
2405003813630	240500	3813630	0.0008706	0.0003616	0.0008706
2405203813630	240520	3813630	0.0008632	0.0003588	0.0008632
2405403813630	240540	3813630	0.0008547	0.0003555	0.0008547
2405603813630	240560	3813630	0.0008462	0.0003521	0.0008462
2405803813630	240580	3813630	0.0008365	0.000348	0.0008365
2406003813630	240600	3813630	0.0008271	0.000344	0.0008271
2406203813630	240620	3813630	0.0008175	0.00034	0.0008175
2406403813630	240640	3813630	0.0008173	0.00034	0.0008173
2406603813630	240660	3813630	0.0008061	0.0003353	0.0008061

4068038136	240680	3813630	0.037925242	0.000621	0.0385458
4046038136	240460	3813650	0.039072811	0.000699	0.0397715
4048038136	240480	3813650	0.03894185	0.000666	0.0396078
4050038136	240500	3813650	0.038719883	0.000638	0.0393574
4052038136	240520	3813650	0.038449084	0.000616	0.0390651
4054038136	240540	3813650	0.038158308	0.000602	0.0387602
4056038136	240560	3813650	0.037772085	0.000592	0.0383639
4058038136	240580	3813650	0.037412499	0.000587	0.0379995
4060038136	240600	3813650	0.03700852	0.000584	0.037592
4062038136	240620	3813650	0.036597881	0.00058	0.0371781
4064038136	240640	3813650	0.036156167	0.000576	0.0367318
4066038136	240660	3813650	0.035690037	0.000569	0.0362595
4068038136	240680	3813650	0.035721112	0.000564	0.0362851
4046038136	240460	3813670	0.036513534	0.000627	0.0371401
4048038136	240480	3813670	0.036426967	0.000599	0.0370257
4050038136	240500	3813670	0.03627159	0.000575	0.0368468
4052038136	240520	3813670	0.036051843	0.000557	0.0366088
4054038136	240540	3813670	0.035754407	0.000544	0.036298
4056038136	240560	3813670	0.035417018	0.000535	0.0359522
4058038136	240580	3813670	0.035099605	0.000531	0.0356307
4060038136	240600	3813670	0.03473558	0.000528	0.0352637
4062038136	240620	3813670	0.034384872	0.000526	0.0349107
4064038136	240640	3813670	0.033994211	0.000522	0.0345165
4066038136	240660	3813670	0.033616867	0.000518	0.034135
4068038136	240680	3813670	0.033252842	0.000514	0.0337665
4046038136	240460	3813690	0.034185102	0.000565	0.0347501
4048038136	240480	3813690	0.034109634	0.00054	0.0346499
4050038136	240500	3813690	0.033985332	0.00052	0.0345056
4052038136	240520	3813690	0.033743388	0.000503	0.0342467
4054038136	240540	3813690	0.033585792	0.000494	0.0340799
4056038136	240560	3813690	0.033317212	0.000487	0.0338046
4058038136	240580	3813690	0.033115223	0.000485	0.0336005
4060038136	240600	3813690	0.032722341	0.000481	0.0332038
4062038136	240620	3813690	0.032378293	0.000479	0.0328575
4064038136	240640	3813690	0.032043123	0.000477	0.0325199
4066038136	240660	3813690	0.031707953	0.000474	0.0321815
4068038136	240680	3813690	0.031335049	0.000469	0.0318038
4046038137	240460	3813710	0.032056441	0.000512	0.0325682
4048038137	240480	3813710	0.032000949	0.00049	0.0324913
4050038137	240500	3813710	0.031901064	0.000473	0.0323739
4052038137	240520	3813710	0.031710173	0.000459	0.0321689
4054038137	240540	3813710	0.031583652	0.000451	0.0320345
4056038137	240560	3813710	0.031359465	0.000445	0.0318047
4058038137	240580	3813710	0.031184112	0.000443	0.0316273

2406803813630	240680	3813630	0.0007948	0.0003306	0.0007948
2404603813650	240460	3813650	0.0008214	0.0003406	0.0008214
2404803813650	240480	3813650	0.0008174	0.0003395	0.0008174
2405003813650	240500	3813650	0.0008117	0.0003376	0.0008117
2405203813650	240520	3813650	0.0008052	0.0003352	0.0008052
2405403813650	240540	3813650	0.0007987	0.0003327	0.0007987
2405603813650	240560	3813650	0.0007905	0.0003293	0.0007905
2405803813650	240580	3813650	0.000783	0.0003262	0.000783
2406003813650	240600	3813650	0.0007747	0.0003227	0.0007747
2406203813650	240620	3813650	0.0007662	0.0003191	0.0007662
2406403813650	240640	3813650	0.0007571	0.0003152	0.0007571
2406603813650	240660	3813650	0.0007474	0.0003112	0.0007474
2406803813650	240680	3813650	0.0007478	0.0003114	0.0007478
2404603813670	240460	3813670	0.0007665	0.0003183	0.0007665
2404803813670	240480	3813670	0.0007635	0.0003176	0.0007635
2405003813670	240500	3813670	0.0007594	0.0003162	0.0007594
2405203813670	240520	3813670	0.0007541	0.0003143	0.0007541
2405403813670	240540	3813670	0.0007475	0.0003117	0.0007475
2405603813670	240560	3813670	0.0007403	0.0003088	0.0007403
2405803813670	240580	3813670	0.0007337	0.000306	0.0007337
2406003813670	240600	3813670	0.0007262	0.0003028	0.0007262
2406203813670	240620	3813670	0.000719	0.0002998	0.000719
2406403813670	240640	3813670	0.000711	0.0002964	0.000711
2406603813670	240660	3813670	0.0007032	0.0002931	0.0007032
2406803813670	240680	3813670	0.0006956	0.0002899	0.0006956
2404603813690	240460	3813690	0.0007167	0.000298	0.0007167
2404803813690	240480	3813690	0.0007141	0.0002974	0.0007141
2405003813690	240500	3813690	0.0007107	0.0002963	0.0007107
2405203813690	240520	3813690	0.0007051	0.0002942	0.0007051
2405403813690	240540	3813690	0.0007015	0.0002928	0.0007015
2405603813690	240560	3813690	0.0006958	0.0002905	0.0006958
2405803813690	240580	3813690	0.0006916	0.0002887	0.0006916
2406003813690	240600	3813690	0.0006835	0.0002853	0.0006835
2406203813690	240620	3813690	0.0006764	0.0002823	0.0006764
2406403813690	240640	3813690	0.0006695	0.0002794	0.0006695
2406603813690	240660	3813690	0.0006626	0.0002764	0.0006626
2406803813690	240680	3813690	0.0006548	0.0002732	0.0006548
2404603813710	240460	3813710	0.0006713	0.0002795	0.0006713
2404803813710	240480	3813710	0.0006692	0.000279	0.0006692
2405003813710	240500	3813710	0.0006665	0.0002781	0.0006665
2405203813710	240520	3813710	0.000662	0.0002765	0.000662
2405403813710	240540	3813710	0.0006591	0.0002754	0.0006591
2405603813710	240560	3813710	0.0006543	0.0002734	0.0006543
2405803813710	240580	3813710	0.0006507	0.0002719	0.0006507

Sywest Industrial Building Project

Maximum Individual Non-Cancer Impact Calculations - Sensitive Receptors (Maximum Impacted Senior Residential Receptor) (IMPACT AT ALL OTHER LOCATIONS ON THE PROJECT SITE WOULD BE LESS THAN SHOWN)

Maximum Non-cancer Chronic Hazards / Toxicological Endpoints*

Receptor Group	Pollutant	CREL[1]	CONC	WFrac	$CONC_{WF}$	HI		ALIM	BN	CVS	DEV	ENDC	EYE	HEM	IMMUN	KIDN	NS	REPRO	RESP	SK
Project:																				
MEI - Max	DPM	5.00E+00	1.76E-02	1.00E+00	1.76E-02	0.004		-	-	-	-	-	-	-	-	-	-	-	3.51E-03	-
							Total Risk				-			-				-	0.004	
							Threshold				1.00			1.00				1.00	1.00	
							Over?				NO			NO				NO	NO	

Notes:

1. California Air Resources Board, "Consolidated Table of OEHHA/ARB Approved Risk Assessment Health Values," "OEHHA/ARB Approved Chronic Reference Exposure Levels and Target Organs," "OEHHA/ARB Approved Acute Reference Exposure Levels and Target Organs," and "OEHHA/ARB Approved 8-Hour Reference Exposure Levels and Target Organs," http://www.arb.ca.gov/toxics/healthval/healthval.htm. Tables last updated: May 8, 2018. Downloaded: 08/14/18.

Source: ESA, 2020

Where:

$CONC_{WF}$	Pollutant Concentration ($\mu g/m^3$) multiplied by the weight fraction
CREL	Chronic Reference Exposure Level
HI	Hazard Index
MEI	Maximally Exposed Individual
WFrac	Weight fraction of speciated component

* Key to Toxicological Endpoints

ALIM	Alimentary Tract	EYE	Eye	NS	Nervous System
BN	Bone	HEM	Hematologic System	REPRO	Reproductive System
CVS	Cardiovascular System	IMMUN	Immune System	RESP	Respiratory System
DEV	Developmental System	KIDN	Kidney	SK	Skin
ENDC	Endocrine System				

XY	X	Y	CONC Construction Area	Conc Haul Route
2400023812965	240002	3812965	0.55853	0.24403
2398953813066	239895	3813066	0.33806	0.16528
2399053813061	239905	3813061	0.36089	0.17282
2399183813065	239918	3813065	0.4132	0.18687
2399333813063	239933	3813063	0.47447	0.20316
2399423813062	239942	3813062	0.51855	0.21409
2399573813062	239957	3813062	0.61077	0.23473
2405103812720	240510	3812720	0.12508	0.13301
2405303812720	240530	3812720	0.11952	0.1294
2405503812720	240550	3812720	0.11442	0.12634
2405703812720	240570	3812720	0.10949	0.1231
2405903812720	240590	3812720	0.10467	0.11954
2406103812720	240610	3812720	0.10009	0.1159
2406303812720	240630	3812720	0.09576	0.1122
2406503812720	240650	3812720	0.09173	0.10858
2405103812740	240510	3812740	0.13687	0.14513
2405303812740	240530	3812740	0.13044	0.14085
2405503812740	240550	3812740	0.12459	0.13708
2405703812740	240570	3812740	0.119	0.13311
2405903812740	240590	3812740	0.11357	0.1288
2406103812740	240610	3812740	0.10858	0.12466
2406303812740	240630	3812740	0.10389	0.12047
2406503812740	240650	3812740	0.09941	0.11615
2405503812760	240550	3812760	0.13692	0.14905
2405703812760	240570	3812760	0.1306	0.14424
2405903812760	240590	3812760	0.12442	0.13898
2406103812760	240610	3812760	0.11891	0.13414
2406303812760	240630	3812760	0.11383	0.12941
2406503812760	240650	3812760	0.10888	0.1244
2405503812780	240550	3812780	0.15221	0.16238
2405703812780	240570	3812780	0.14512	0.1567
2405903812780	240590	3812780	0.13809	0.15045
2406103812780	240610	3812780	0.13198	0.14485
2406303812780	240630	3812780	0.1264	0.13942
2406503812780	240650	3812780	0.12092	0.13374
2405503812800	240550	3812800	0.1719	0.1777
2405703812800	240570	3812800	0.16373	0.17085
2405903812800	240590	3812800	0.1557	0.16357
2406103812800	240610	3812800	0.14874	0.15703
2406303812800	240630	3812800	0.14249	0.15085
2406503812800	240650	3812800	0.13623	0.14434
2403103812820	240310	3812820	0.39406	0.28081
2403303812820	240330	3812820	0.37541	0.28151
2403503812820	240350	3812820	0.35586	0.27971
2403703812820	240370	3812820	0.33606	0.27548
2403903812820	240390	3812820	0.31613	0.26858

2404103812820	240410	3812820	0.2965	0.25957
2404303812820	240430	3812820	0.2788	0.25076
2405503812820	240550	3812820	0.19732	0.19513
2405703812820	240570	3812820	0.18782	0.1871
2405903812820	240590	3812820	0.17847	0.17869
2406103812820	240610	3812820	0.17037	0.17114
2406303812820	240630	3812820	0.163	0.16394
2406503812820	240650	3812820	0.15559	0.15643
2402903812840	240290	3812840	0.54593	0.33734
2403103812840	240310	3812840	0.50611	0.33554
2403303812840	240330	3812840	0.47267	0.33435
2403503812840	240350	3812840	0.43975	0.32815
2403703812840	240370	3812840	0.41039	0.32079
2403903812840	240390	3812840	0.38296	0.31097
2404103812840	240410	3812840	0.35605	0.29781
2404303812840	240430	3812840	0.33229	0.28506
2404503812840	240450	3812840	0.31147	0.27309
2405503812840	240550	3812840	0.23041	0.2154
2405703812840	240570	3812840	0.21913	0.20617
2405903812840	240590	3812840	0.20815	0.19668
2406103812840	240610	3812840	0.19803	0.1876
2406303812840	240630	3812840	0.18928	0.17947
2406503812840	240650	3812840	0.18042	0.17096
2403103812860	240310	3812860	0.66515	0.40707
2403303812860	240330	3812860	0.60995	0.40306
2403503812860	240350	3812860	0.55934	0.39253
2403703812860	240370	3812860	0.51332	0.37747
2403903812860	240390	3812860	0.47426	0.36226
2404103812860	240410	3812860	0.43851	0.34506
2404303812860	240430	3812860	0.40447	0.32574
2404503812860	240450	3812860	0.37684	0.30988
2405703812860	240570	3812860	0.25904	0.22852
2405903812860	240590	3812860	0.24496	0.21714
2406103812860	240610	3812860	0.23269	0.20691
2406303812860	240630	3812860	0.22167	0.19741
2406503812860	240650	3812860	0.21078	0.18774
2403103812880	240310	3812880	0.91016	0.51168
2403303812880	240330	3812880	0.80951	0.4939
2403503812880	240350	3812880	0.73125	0.47589
2403703812880	240370	3812880	0.66054	0.45049
2403903812880	240390	3812880	0.60132	0.42542
2404103812880	240410	3812880	0.5508	0.40144
2404303812880	240430	3812880	0.50416	0.37636
2404503812880	240450	3812880	0.46484	0.35447
2404703812880	240470	3812880	0.43184	0.33568
2405503812880	240550	3812880	0.32867	0.26925
2405703812880	240570	3812880	0.30988	0.25596

2405903812880	240590	3812880	0.29182	0.24254
2406103812880	240610	3812880	0.27621	0.23062
2406303812880	240630	3812880	0.262	0.21943
2406503812880	240650	3812880	0.24827	0.20824
2403303812900	240330	3812900	1.10366	0.61595
2403503812900	240350	3812900	0.97981	0.58465
2403703812900	240370	3812900	0.87306	0.54649
2403903812900	240390	3812900	0.778	0.50464
2404103812900	240410	3812900	0.7046	0.47202
2404303812900	240430	3812900	0.64016	0.4409
2404503812900	240450	3812900	0.58293	0.41126
2404703812900	240470	3812900	0.53799	0.38848
2405503812900	240550	3812900	0.39985	0.30781
2405703812900	240570	3812900	0.37437	0.29117
2405903812900	240590	3812900	0.35084	0.27506
2406103812900	240610	3812900	0.32979	0.26019
2406303812900	240630	3812900	0.31117	0.24668
2406503812900	240650	3812900	0.2932	0.23312
2403503812920	240350	3812920	1.33201	0.72746
2403703812920	240370	3812920	1.16589	0.66952
2403903812920	240390	3812920	1.02408	0.61191
2404103812920	240410	3812920	0.91146	0.56505
2404303812920	240430	3812920	0.82059	0.52662
2404503812920	240450	3812920	0.7402	0.48909
2404703812920	240470	3812920	0.67429	0.45777
2404903812920	240490	3812920	0.61977	0.43132
2405503812920	240550	3812920	0.48973	0.35923
2405703812920	240570	3812920	0.45365	0.33638
2405903812920	240590	3812920	0.4232	0.3169
2406103812920	240610	3812920	0.39511	0.29808
2406303812920	240630	3812920	0.37006	0.28083
2406503812920	240650	3812920	0.34692	0.26437
2403503812940	240350	3812940	1.8156	0.9241
2403703812940	240370	3812940	1.55841	0.83968
2403903812940	240390	3812940	1.35425	0.76728
2404103812940	240410	3812940	1.18358	0.69881
2404303812940	240430	3812940	1.05278	0.64756
2404503812940	240450	3812940	0.94245	0.6
2404703812940	240470	3812940	0.84711	0.55454
2404903812940	240490	3812940	0.7718	0.51927
2405703812940	240570	3812940	0.54617	0.3922
2405903812940	240590	3812940	0.50732	0.36849
2406103812940	240610	3812940	0.47185	0.34574
2406303812940	240630	3812940	0.43896	0.32364
2406503812940	240650	3812940	0.40888	0.30276
2403703812960	240370	3812960	2.07099	1.11094
2403903812960	240390	3812960	1.77528	1.00843

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2404303812960	240430	3812960	1.34303	0.82684
2404503812960	240450	3812960	1.19232	0.75991
2404703812960	240470	3812960	1.06262	0.69501
2404903812960	240490	3812960	0.955	0.63897
2405103812960	240510	3812960	0.86627	0.59208
2405703812960	240570	3812960	0.65695	0.46687
2405903812960	240590	3812960	0.60519	0.43447
2406103812960	240610	3812960	0.55881	0.40436
2406303812960	240630	3812960	0.5172	0.37653
2406503812960	240650	3812960	0.47925	0.3503
2403703812980	240370	3812980	2.71925	1.59018
2403903812980	240390	3812980	2.29261	1.39768
2404103812980	240410	3812980	1.9618	1.23576
2404303812980	240430	3812980	1.69589	1.09433
2404503812980	240450	3812980	1.48817	0.98393
2404703812980	240470	3812980	1.31699	0.88862
2404903812980	240490	3812980	1.17247	0.80391
2405103812980	240510	3812980	1.05099	0.7308
2405303812980	240530	3812980	0.94613	0.66505
2405503812980	240550	3812980	0.8576	0.60922
2405703812980	240570	3812980	0.78001	0.55865
2405903812980	240590	3812980	0.71271	0.51415
2406103812980	240610	3812980	0.65411	0.47494
2406303812980	240630	3812980	0.60325	0.44082
2406503812980	240650	3812980	0.55677	0.40836
2403903813000	240390	3813000	2.91057	1.99824
2404103813000	240410	3813000	2.46564	1.71093
2404303813000	240430	3813000	2.11157	1.47627
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2404903813000	240490	3813000	1.41318	1.0127
2405103813000	240510	3813000	1.25394	0.90373
2405303813000	240530	3813000	1.1196	0.81092
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2405703813000	240570	3813000	0.91179	0.6688
2405903813000	240590	3813000	0.82871	0.61103
2406103813000	240610	3813000	0.757	0.56109
2406303813000	240630	3813000	0.69447	0.51732
2406503813000	240650	3813000	0.63796	0.47627
2403903813020	240390	3813020	3.65177	2.87191
2404103813020	240410	3813020	3.03784	2.34703
2404303813020	240430	3813020	2.57504	1.97567
2404503813020	240450	3813020	2.20528	1.6831
2404703813020	240470	3813020	1.91043	1.4554
2404903813020	240490	3813020	1.67097	1.27294
2405103813020	240510	3813020	1.4722	1.12124

2405303813020	240530	3813020	1.307	0.99629
2405503813020	240550	3813020	1.16856	0.89262
2405703813020	240570	3813020	1.05082	0.80449
2405903813020	240590	3813020	0.94982	0.72872
2406103813020	240610	3813020	0.86258	0.66308
2406303813020	240630	3813020	0.78699	0.60624
2406503813020	240650	3813020	0.71962	0.55404
2404103813040	240410	3813040	3.65071	3.13833
2404303813040	240430	3813040	3.05549	2.58595
2404503813040	240450	3813040	2.59093	2.16622
2404703813040	240470	3813040	2.22022	1.83391
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2405303813040	240530	3813040	1.48843	1.20919
2405503813040	240550	3813040	1.3233	1.07239
2405703813040	240570	3813040	1.18406	0.95809
2405903813040	240590	3813040	1.06534	0.86081
2406103813040	240610	3813040	0.96326	0.77709
2406303813040	240630	3813040	0.87545	0.7058
2406503813040	240650	3813040	0.7983	0.642
2404303813060	240430	3813060	3.5005	3.30866
2404503813060	240450	3813060	2.94126	2.72863
2404703813060	240470	3813060	2.50537	2.28492
2404903813060	240490	3813060	2.15886	1.9389
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2406503813060	240650	3813060	0.87003	0.74029
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2405303813080	240530	3813080	1.78302	1.7356
2405503813080	240550	3813080	1.5758	1.51335
2405703813080	240570	3813080	1.4024	1.3301
2405903813080	240590	3813080	1.25584	1.1775
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2405203813550	240520	3813550	0.25152	0.62993
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2405803813550	240580	3813550	0.24141	0.5847
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2406203813550	240620	3813550	0.23359	0.56569
2406403813550	240640	3813550	0.22949	0.55275
2406603813550	240660	3813550	0.22541	0.53785
2404603813570	240460	3813570	0.23774	0.63704
2404803813570	240480	3813570	0.23668	0.60287
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2405203813570	240520	3813570	0.23293	0.54638
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2405603813570	240560	3813570	0.22748	0.51765
2405803813570	240580	3813570	0.2244	0.51066
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2405603813590	240560	3813590	0.21143	0.45461
2405803813590	240580	3813590	0.20886	0.44925
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2406203813590	240620	3813590	0.20301	0.43973
2406403813590	240640	3813590	0.19998	0.43359
2406603813590	240660	3813590	0.19695	0.42577
2406803813590	240680	3813590	0.19344	0.41551
2404603813610	240460	3813610	0.20392	0.48525
2404803813610	240480	3813610	0.20326	0.46059
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2405403813610	240540	3813610	0.19707	0.41059
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2405803813610	240580	3813610	0.1923	0.39799

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2406203813610	240620	3813610	0.18741	0.39117
2406403813610	240640	3813610	0.18716	0.38705
2406603813610	240660	3813610	0.18443	0.38136
2406803813610	240680	3813610	0.18163	0.37434
2404603813630	240460	3813630	0.18951	0.42885
2404803813630	240480	3813630	0.18805	0.40762
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2405203813630	240520	3813630	0.18543	0.37545
2405403813630	240540	3813630	0.18371	0.36565
2405603813630	240560	3813630	0.18193	0.35993
2405803813630	240580	3813630	0.17984	0.35607
2406003813630	240600	3813630	0.17778	0.35365
2406203813630	240620	3813630	0.17569	0.35125
2406403813630	240640	3813630	0.1757	0.34814
2406603813630	240660	3813630	0.17327	0.34398
2406803813630	240680	3813630	0.17086	0.33896
2404603813650	240460	3813650	0.17603	0.38164
2404803813650	240480	3813650	0.17544	0.36376
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2405403813650	240540	3813650	0.17191	0.32877
2405603813650	240560	3813650	0.17017	0.32324
2405803813650	240580	3813650	0.16855	0.32064
2406003813650	240600	3813650	0.16673	0.31871
2406203813650	240620	3813650	0.16488	0.31689
2406403813650	240640	3813650	0.16289	0.3144
2406603813650	240660	3813650	0.16079	0.31105
2406803813650	240680	3813650	0.16093	0.30806
2404603813670	240460	3813670	0.1645	0.34222
2404803813670	240480	3813670	0.16411	0.32702
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2405203813670	240520	3813670	0.16242	0.3042
2405403813670	240540	3813670	0.16108	0.29689
2405603813670	240560	3813670	0.15956	0.29232
2405803813670	240580	3813670	0.15813	0.29008
2406003813670	240600	3813670	0.15649	0.28846
2406203813670	240620	3813670	0.15491	0.28721
2406403813670	240640	3813670	0.15315	0.28527
2406603813670	240660	3813670	0.15145	0.28301
2406803813670	240680	3813670	0.14981	0.28053
2404603813690	240460	3813690	0.15401	0.30859
2404803813690	240480	3813690	0.15367	0.29511
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2405203813690	240520	3813690	0.15202	0.27492
2405403813690	240540	3813690	0.15131	0.2699
2405603813690	240560	3813690	0.1501	0.2662

2405803813690	240580	3813690	0.14919	0.26506
2406003813690	240600	3813690	0.14742	0.26297
2406203813690	240620	3813690	0.14587	0.26176
2406403813690	240640	3813690	0.14436	0.26043
2406603813690	240660	3813690	0.14285	0.25864
2406803813690	240680	3813690	0.14117	0.25602
2404603813710	240460	3813710	0.14442	0.27952
2404803813710	240480	3813710	0.14417	0.26784
2405003813710	240500	3813710	0.14372	0.25828
2405203813710	240520	3813710	0.14286	0.25055
2405403813710	240540	3813710	0.14229	0.24625
2405603813710	240560	3813710	0.14128	0.24316
2405803813710	240580	3813710	0.14049	0.24209

XY	X	Y
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239905381	239905	3813061
239918381	239918	3813065
239933381	239933	3813063
239942381	239942	3813062
239957381	239957	3813062
240510381	240510	3812720
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240550381	240550	3812720
240570381	240570	3812720
240590381	240590	3812720
240610381	240610	3812720
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240550381	240550	3812740
240570381	240570	3812740
240590381	240590	3812740
240610381	240610	3812740
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240650381	240650	3812740
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240570381	240570	3812760
240590381	240590	3812760
240610381	240610	3812760
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240650381	240650	3812760
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240570381	240570	3812780
240590381	240590	3812780
240610381	240610	3812780
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240650381	240650	3812780
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240570381	240570	3812800
240590381	240590	3812800
240610381	240610	3812800
240630381	240630	3812800
240650381	240650	3812800
240310381	240310	3812820
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240370381	240370	3812820
240390381	240390	3812820

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240570381	240570	3812820
240590381	240590	3812820
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240330381	240330	3812840
240350381	240350	3812840
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240390381	240390	3812840
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240430381	240430	3812840
240450381	240450	3812840
240550381	240550	3812840
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240330381	240330	3812880
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240390381	240390	3812900
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240650381	240650	3812900
240350381	240350	3812920
240370381	240370	3812920
240390381	240390	3812920
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240450381	240450	3812920
240470381	240470	3812920
240490381	240490	3812920
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240570381	240570	3812920
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240350381	240350	3812940
240370381	240370	3812940
240390381	240390	3812940
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240390381	240390	3812960

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240430381 240430 3813020
240450381 240450 3813020
240470381 240470 3813020
240490381 240490 3813020
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240480381	240480	3813610
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240460381	240460	3813690
240480381	240480	3813690
240500381	240500	3813690
240520381	240520	3813690
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240620381	240620	3813690
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240520381	240520	3813710
240540381	240540	3813710
240560381	240560	3813710
240580381	240580	3813710

Sywest Industrial Building Project

Construction Modeling Assumptions

AERMOD Sources

PolyArea		
Offroad Construction Exhaust		
Release Height	5	m
Emissions rate	1	g/s
Init Vert Dimension	1.4	m
SCAQMD LST Guidance, 2008		
Line Volume		
Onroad Hauling Exhaust		
Vehicle Height	14	ft
Plume Height	7.25	m
Plume Width	13	m
Release Height	3.63	m
Emissions rate	1	g/s
EPA Haul Road Guidance & Caltrans Heigh & Low Clearance Guidance[1]		

[1] USEPA Haul Road Workgroup Final Report Dec 6, 2011, Page 4.

https://www.epa.gov/sites/default/files/2020-10/documents/haul_road_workgroup-final_report_package-20120302.pdf

Meteorology:
Santa Barbara Airport

Sywest Industrial Building Project

Health Risk Assessment Risk Factors

Residential Risk	Abbreviation	UOM	3rd Trimester	0<2	2<16	16<30
Daily Breathing Rate (95th %'ile)	DBR	L/kg-day	361	1090	572	261
Fraction Of Time At Home [a]	FAH	unitless	1	1	1	0.73
Exposure Frequency	EF	days/year	0.96	0.96	0.96	0.96
Age Sensitivity Factor	ASF	unitless	10	10	3	1
Inhalation Absorption Factor	A	unitless	1	1	1	1
Conversion Factor	CF_1	m^3/L	0.001	0.001	0.001	0.001
Conversion Factor	CF_2	$\mu g/m^3$	0.001	0.001	0.001	0.001
Cancer Potency Factor (diesel exhaust)	CPF	$mg/kg\text{-}day^{-1}$	1.1	1.1	1.1	1.1
Averaging Time (for residential exposure)	AT	years	70.00	70.00	70.00	70.00

[a] assume school or daycare will have cancer risk of >1 per million

Sywest Industrial Building Project

Health Risk Assessment Exposure Duration Assumptions for Offroad Equipment

Residential Receptors

OFFROAD

Start Date	*7/1/2027*	*9/30/2027*	*9/30/2029*
End Date	*9/29/2027*	*9/29/2029*	*9/27/2043*

	7/1/2027	*3/30/2028*	*Days*	*90*	*730*	*5110*
Phase	Start Date	End Date	Duration (days)	3rd Tri	0<2	02<16
Demolition	7/1/2027	7/16/2027	16	16	0	0
Demolition - Hauling	7/1/2027	7/16/2027	16	16	0	0
Site Preparation	7/17/2027	7/26/2027	10	10	0	0
Grading	7/27/2027	9/28/2027	64	64	0	0
Grading - Haul	7/27/2027	9/28/2027	64	64	0	0
Building Construction - 2025	9/29/2027	12/31/27	94	0	93	0
Building Construction - 2026	1/1/2028	2/28/2028	59	0	59	0
Paving	2/29/2028	3/15/2028	16	0	16	0
Architectural Coating	3/16/2028	3/30/2028	15	0	15	0
Grubing & Land Clearing	7/1/2027	7/9/2027	9	9	0	0
Grading & Excavation	7/10/2027	8/9/2027	31	31	0	0
Grading, Utilities, & Sub-Grade	8/10/2027	9/5/2027	27	27	0	0
Paving	9/6/2027	9/17/2027	12	12	0	0

Intake Factor for Inhalation, IF (m^3/kg-day)

Phase	Year	Year	Equation	3rd Trimester	0<2	2<16
Demolition		2027		0.002167761	0	0
Demolition - Hauling		2027	$\frac{DBR \cdot FAH \cdot EF \cdot ED \cdot ASF \cdot A \cdot CF_1}{AT}$	0.002167761	0	0
Site Preparation		2027		0.001354851	0	0
Grading		2027		0.008671045	0	0
Grading - Haul		2027		0.008671045	0	0
Building Construction - 2025		2027		0	0.038044661	0
Building Construction - 2026		2028		0	0.02413586	0
Paving		2028		0	0.006545318	0
Architectural Coating		2028		0	0.006136236	0
Grubing & Land Clearing		2027		0.001219366	0	0
Grading & Excavation		2027		0.004200038	0	0
Grading, Utilities, & Sub-Grade		2027		0.003658097	0	
Paving		2027		0.001625821	0	

Risk Calculation Part 1, R1

Equation	3rd Trimester	0<2	2<16
	2.38454E-06	0	0
	2.38454E-06	0	0
$IF \cdot CPF \cdot CF_2$	1.49034E-06	0	0
	9.53815E-06	0	0
	9.53815E-06	0	0
	0	4.18491E-05	0
	0	2.65494E-05	0
	0	7.19985E-06	0
	0	6.74986E-06	0
	1.3413E-06	0	0
	4.62004E-06	0	0
	4.02391E-06	0	
	1.7884E-06	0	

Exposure Durations

Sywest Industrial Building Project

Offroad DPM Emissions, Ground Level Concentrations and Health Risk Calculations

Residential Receptors

Phase	Year	Emissions (lbs/day)	Work Hours Per Day	Emissions (g/s)
Demolition	2027	0.02616778966185025	9	0.000366342
Demolition - Hauling	2027	0.000	9	0
Site Preparation	2027	0.01926136964093094	9	0.000269653
Grading	2027	0.07532296277058657	9	0.001054498
Grading - Haul	2027	0.000	9	0
Building Construction - 2025	2027	0.061913867742836 59	9	0.000866775
Building Construction - 2026	2028	0.034665481158714206	9	0.000485306
Paving	2028	0.008401329382688989	9	0.000117616
Architectural Coating	2028	0.0004627959353729465	9	6.479E-06
Grubing & Land Clearing	2027	0.0026840646602533475	9	3.75761E-05
Grading & Excavation	2027	0.059446613589023346	9	0.000832234
Grading, Utilities, & Sub-Grade	2027	0.03969692225188097	9	0.000555745
Paving	2027	0.006118809039323709 4	9	8.56614E-05

Max	x utm	y utm
0.260066504	240420	3812850

AERMOD Column Identifier:			*4*	*4*	*4*	*4*	*4*	*4*	*4*	*4*	*4*	*4*	*4*	*4*	*4*						
			Demolition	Demolition - Hauling	Site Preparation	Grading	Grading - Haul	ling Construction -	uilding Construction - 202	Paving	rchitectural Coatin	ubing & Land Clear	rading & Excavation	g, Utilities, & Sub-	Paving	Child Risk					
Unique Identifier	X (UTM)	Y (UTM)	2027	2027	2027	2027	2027	2027	2028	2028	2028	2027	2027	2027	2027	3rd Trimester	0<2	Total	per million		
2400023812965	240002	3812965	0.000204613	0	0.000150609	0.000588969	0	0.00048412	0.000271058	6.56921E-05	3.61872E-06	2.09874E-05	0.000464828	0.0003104	4.78445E-05	9.8403E-09	2.79538E-08	3.77941E-08	0.037794132	*240002*	*3812965*
2398953813066	239895	3813066	0.000123846	0	9.1159E-05	0.000356484	0	0.000293022	0.000164063	3.97613E-05	2.19029E-06	1.2703E-05	0.000281345	0.000187875	2.89587E-05	5.95601E-09	1.69195E-08	2.28756E-08	0.022875556	239895	*3813066*
2399053813061	239905	3813061	0.000132209	0	9.73152E-05	0.000380558	0	0.00031281	0.000175142	4.24464E-05	2.33821E-06	1.35608E-05	0.000300345	0.000200563	3.09144E-05	6.35824E-09	1.80622E-08	2.44204E-08	0.024420397	239905	*3813061*
2399183813065	239918	3813065	0.000151373	0	0.000111421	0.000435719	0	0.000358151	0.000200528	4.85989E-05	2.67712E-06	1.55264E-05	0.000343879	0.000229634	3.53953E-05	7.27985E-09	2.06802E-08	2.79601E-08	0.027960066	239918	*3813065*
2399333813063	239933	3813063	0.000173818	0	0.000127942	0.000500328	0	0.000411259	0.000230263	5.58053E-05	3.07409E-06	1.78287E-05	0.00039487	0.000263684	4.06438E-05	8.35931E-09	2.37467E-08	3.2106E-08	0.032106032	239933	*3813063*
2399423813062	239942	3813062	0.000189967	0	0.000139829	0.00054681	0	0.000449466	0.000251655	6.09898E-05	3.35969E-06	1.94851E-05	0.000431555	0.000288181	4.44197E-05	9.13592E-09	2.59529E-08	3.50888E-08	0.0350888	239942	*3813062*
2399573813062	239957	3813062	0.000223751	0	0.000164696	0.000644056	0	0.0005294	0.00029641	7.18363E-05	3.95718E-06	2.29503E-05	0.000508304	0.000339432	5.23194E-05	1.07607E-08	3.05684E-08	4.13291E-08	0.041329064	239957	*3813062*
2405103812720	240510	3812720	4.58221E-05	0	3.37282E-05	0.000131897	0	0.000108416	6.070221E-05	1.47114E-05	8.10393E-07	4.70002E-06	0.000104096	6.95125E-05	1.07145E-05	2.20369E-09	6.26012E-09	8.46381E-09	0.008463807	240560	*3812700*
2405303812720	240530	3812720	4.37852E-05	0	3.2229E-05	0.000126034	0	0.000103597	5.80038E-05	1.40575E-05	7.7437E-07	4.49109E-06	9.94686E-05	6.64226E-05	1.02383E-05	2.10573E-09	5.98185E-09	8.08758E-09	0.008087578	240570	*3812700*
2405503812720	240550	3812720	4.19169E-05	0	3.08537E-05	0.000120656	0	9.91764E-05	5.55287E-05	1.34576E-05	7.41327E-07	4.29945E-06	9.52242E-05	6.35883E-05	9.80138E-06	2.01588E-09	5.7266E-09	7.74248E-09	0.007742475	240520	*3812710*
2405703812720	240570	3812720	4.01108E-05	0	2.95243E-05	0.000115457	0	9.49032E-05	5.31362E-05	1.28778E-05	7.09386E-07	4.1142E-06	9.11213E-05	6.08485E-05	9.37907E-06	1.92902E-09	5.47986E-09	7.40888E-09	0.007408876	240530	*3812710*
2405903812720	240590	3812720	3.83451E-05	0	2.82246E-05	0.000110374	0	9.07253E-05	5.0797E-05	1.23109E-05	6.78157E-07	3.93309E-06	8.711E-05	5.81698E-05	8.96618E-06	1.8441E-09	5.23862E-09	7.08272E-09	0.00708272	240540	*3812710*
2406103812720	240610	3812720	3.66672E-05	0	2.69896E-05	0.000105545	0	8.67555E-05	4.85743E-05	1.17722E-05	6.48483E-07	3.76099E-06	8.32983E-05	5.56245E-05	8.57385E-06	1.76341E-09	5.0094E-09	6.7728E-09	0.006772805	240550	*3812710*
2406303812720	240630	3812720	3.50809E-05	0	2.5822E-05	0.000100979	0	8.30024E-05	4.64729E-05	1.12629E-05	6.20429E-07	3.59829E-06	7.96948E-05	5.32181E-05	8.20294E-06	1.68712E-09	4.79269E-09	6.47981E-09	0.006479806	240560	*3812710*
2406503812720	240650	3812720	3.36046E-05	0	2.47353E-05	9.67291E-05	0	7.95093E-05	4.45171E-05	1.07889E-05	5.94319E-07	3.44685E-06	7.63408E-05	5.09785E-05	7.85772E-06	1.61612E-09	4.59099E-09	6.20711E-09	0.006207107	240570	*3812710*
2405103812740	240510	3812740	5.01413E-05	0	3.69074E-05	0.000144329	0	0.000118635	6.64238E-05	1.60981E-05	8.86781E-07	5.14304E-06	0.000113908	7.60648E-05	1.17245E-05	2.4114E-09	6.8502E-09	9.2616E-09	0.009261603	240580	*3812710*
2405303812740	240530	3812740	4.77857E-05	0	3.51736E-05	0.000137549	0	0.000113062	6.33033E-05	1.53418E-05	8.45121E-07	4.90142E-06	0.000108557	7.24913E-05	1.11737E-05	2.29812E-09	6.52838E-09	8.8265E-09	0.008826503	240590	*3812710*
2405503812740	240550	3812740	4.56426E-05	0	3.35961E-05	0.00013138	0	0.000107992	6.04643E-05	1.46538E-05	8.07219E-07	4.6816E-06	0.000103688	6.92402E-05	1.06726E-05	2.19505E-09	6.2356E-09	8.43065E-09	0.00843065	240600	*3812710*
2405703812740	240570	3812740	4.35947E-05	0	3.20887E-05	0.000125485	0	0.000103146	5.77514E-05	1.39963E-05	7.71001E-07	4.47155E-06	9.90359E-05	6.61336E-05	1.01937E-05	2.09657E-09	5.95582E-09	8.05239E-09	0.008052391	240610	*3812710*
2405903812740	240590	3812740	4.16055E-05	0	3.06245E-05	0.000119759	0	9.84396E-05	5.51162E-05	1.33577E-05	7.3582E-07	4.26752E-06	9.45168E-05	6.31159E-05	9.72857E-06	2.0009E-09	5.68406E-09	7.68496E-09	0.007684958	240520	*3812720*
2406103812740	240610	3812740	3.97775E-05	0	2.92789E-05	0.000114497	0	9.41144E-05	5.26945E-05	1.27707E-05	7.0349E-07	4.08001E-06	9.0364E-05	6.03428E-05	9.30112E-06	1.91299E-09	5.43431E-09	7.3473E-09	0.007347299	240530	*3812720*
2406303812740	240630	3812740	3.80593E-05	0	2.80143E-05	0.000109552	0	9.00493E-05	5.04184E-05	1.22191E-05	6.73103E-07	3.90378E-06	8.64608E-05	5.77363E-05	8.89937E-06	1.83036E-09	5.19958E-09	7.02994E-09	0.00702994	240540	*3812720*
2406503812740	240650	3812740	3.64181E-05	0	2.68062E-05	0.000104828	0	8.61661E-05	4.82443E-05	1.16922E-05	6.44077E-07	3.73544E-06	8.27324E-05	5.52466E-05	8.5156E-06	1.75143E-09	4.97536E-09	6.72679E-09	0.006726791	240550	*3812720*
2405503812760	240550	3812760	5.01596E-05	0	3.69209E-05	0.000144382	0	0.000118679	6.644815-05	1.6104E-05	8.87105E-07	5.14492E-06	0.00011395	7.60926E-05	1.17288E-05	2.41229E-09	6.8527E-09	9.26499E-09	0.009264986	240560	*3812720*
2405703812760	240570	3812760	4.78443E-05	0	3.52167E-05	0.000137717	0	0.000113201	6.3381E-05	1.53607E-05	8.46157E-07	4.90744E-06	0.00010869	7.25803E-05	1.11874E-05	2.30094E-09	6.53639E-09	8.83733E-09	0.00883733	240570	*3812720*
2405903812760	240590	3812760	4.55803E-05	0	3.35503E-05	0.000131201	0	0.000107844	6.03818E-05	1.46338E-05	8.06117E-07	4.67522E-06	0.000103547	6.91458E-05	1.0658E-05	2.19206E-09	6.22709E-09	8.41915E-09	0.008419147	240580	*3812720*
2406103812760	240610	3812760	4.35618E-05	0	3.20645E-05	0.00012539	0	0.000103068	5.770775-05	1.39857E-05	7.70418E-07	4.46817E-06	9.8961E-05	6.60836E-05	1.0186E-05	2.09498E-09	5.95132E-09	8.0463E-09	0.008046301	240590	*3812720*
2406303812760	240630	3812760	4.17008E-05	0	3.06946E-05	0.000120034	0	9.8665E-05	5.52424E-05	1.33882E-05	7.37505E-07	4.27728E-06	9.47332E-05	6.32604E-05	9.75084E-06	2.00548E-09	5.69707E-09	7.70255E-09	0.007702551	240600	*3812720*
2406503812760	240650	3812760	3.98874E-05	0	2.93598E-05	0.000114814	0	9.43745E-05	5.28401E-05	1.2806E-05	7.05434E-07	4.09128E-06	9.06137E-05	6.05095E-05	9.32682E-06	1.91827E-09	5.44933E-09	7.3676E-09	0.007367599	240610	*3812720*
2405503812780	240550	3812780	5.5761E-05	0	4.10439E-05	0.000160505	0	0.000131932	7.38684E-05	1.79023E-05	9.86169E-07	5.71945E-06	0.000126674	8.45899E-05	1.30385E-05	2.68167E-09	7.61795E-09	1.02996E-08	0.010299617	240620	*3812720*
2405703812780	240570	3812780	5.31636E-05	0	3.91321E-05	0.000153029	0	0.000125786	7.04276E-05	1.70684E-05	9.40233E-07	5.45304E-06	0.000120774	8.06497E-05	1.24312E-05	2.55675E-09	7.2631E-09	9.81986E-09	0.009819857	240630	*3812720*
2405903812780	240590	3812780	5.05882E-05	0	3.72364E-05	0.000145616	0	0.000119693	6.70159E-05	1.62416E-05	8.94685E-07	5.18888E-06	0.000114923	7.67428E-05	1.1829E-05	2.4329E-09	6.91126E-09	9.34416E-09	0.009344156	240520	*3812730*
2406103812780	240610	3812780	4.83499E-05	0	3.55888E-05	0.000139173	0	0.000114397	6.40507E-05	1.5523E-05	8.55098E-07	4.95929E-06	0.000109838	7.33472E-05	1.13056E-05	2.32525E-09	6.60546E-09	8.93071E-09	0.00893071	240530	*3812730*
2406303812780	240630	3812780	4.63057E-05	0	3.40842E-05	0.000133289	0	0.00010956	6.13427E-05	1.48667E-05	8.18946E-07	4.74962E-06	0.000105194	7.02461E-05	1.08276E-05	2.22694E-09	6.32619E-09	8.55313E-09	0.008553128	240540	*3812730*
2406503812780	240650	3812780	4.42981E-05	0	3.26065E-05	0.00012751	0	0.00010481	5.86832E-05	1.42221E-05	7.83441E-07	4.5437E-06	0.000100634	6.72006E-05	1.03582E-05	2.13039E-09	6.05192E-09	8.18231E-09	0.008182312	240550	*3812730*
2405503812800	240550	3812800	6.29743E-05	0	4.63534E-05	0.000181268	0	0.000148999	8.34241E-05	2.02182E-05	1.11374E-06	6.45933E-06	0.000143061	9.55325E-05	1.47252E-05	3.02857E-09	8.60341E-09	1.1632E-08	0.011631983	240560	*3812730*
2405703812800	240570	3812800	5.99812E-05	0	4.41503E-05	0.000172653	0	0.000141917	7.94592E-05	1.92573E-05	1.06081E-06	6.15233E-06	0.000136262	9.09921E-05	1.40253E-05	2.88463E-09	8.19451E-09	1.10791E-08	0.011079142	240570	*3812730*
2405903812800	240590	3812800	5.70395E-05	0	4.1985E-05	0.000164185	0	0.000134957	7.55621E-05	1.83128E-05	1.00878E-06	5.8506E-06	0.000129579	8.65294E-05	1.33375E-05	2.74316E-09	7.79262E-09	1.05358E-08	0.010535775	240580	*3812730*
2406103812800	240610	3812800	5.44898E-05	0	4.01082E-05	0.000156846	0	0.000128924	7.21844E-05	1.74942E-05	9.63686E-07	5.58907E-06	0.000123787	8.26615E-05	1.27413E-05	2.62053E-09	7.44428E-09	1.00648E-08	0.010064812	240590	*3812730*
2406303812800	240630	3812800	5.22001E-05	0	3.84229E-05	0.000150255	0	0.000123507	6.91513E-05	1.67591E-05	9.23193E-07	5.35422E-06	0.000118585	7.91881E-05	1.22059E-05	2.51042E-09	7.13147E-09	9.64189E-09	0.009641892	240600	*3812730*
2406503812800	240650	3812800	4.99068E-05	0	3.67349E-05	0.000143654	0	0.000118081	6.61132E-05	1.60228E-05	8.82634E-07	5.11899E-06	0.000113375	7.57091E-05	1.16697E-05	2.40013E-09	6.81817E-09	9.2183E-09	0.009218296	240610	*3812730*
2403103812820	240310	3812820	0.000144361	0	0.00010626	0.000415536	0	0.000341561	0.00019124	4.63478E-05	2.55311E-06	1.48072E-05	0.00032795	0.000218997	3.37557E-05	6.94263E-09	1.97223E-08	2.66649E-08	0.026664916	240620	*3812730*
2403303812820	240330	3812820	0.000137529	0	0.000101231	0.000395869	0	0.000325396	0.000182189	4.41542E-05	2.43228E-06	1.41064E-05	0.000312429	0.000208632	3.21582E-05	6.61405E-09	1.87889E-08	2.54029E-08	0.025402924	240630	*3812730*
2403503812820	240350	3812820	0.000130367	0	9.59588E-05	0.000375254	0	0.000308451	0.000172701	4.18548E-05	2.30562E-06	1.33718E-05	0.000296159	0.000197767	3.04835E-05	6.26962E-09	1.78104E-08	2.408E-08	0.024080031	240640	*3812730*
2403703812820	240370	3812820	0.000123113	0	9.06197E-05	0.000354375	0	0.000291288	0.000163092	3.9526E-05	2.17733E-06	1.26278E-05	0.000279681	0.000186764	2.87874E-05	5.92078E-09	1.68194E-08	2.27402E-08	0.022740222	240520	*3812740*
2403903812820	240390	3812820	0.000115812	0	8.52455E-05	0.000333359	0	0.000274014	0.00015342	3.7182E-05	2.04821E-06	1.18789E-05	0.000263094	0.000175688	2.70802E-05	5.56965E-09	1.5822E-08	2.13916E-08	0.021391616	240530	*3812740*
2404103812820	240410	3812820	0.000108621	0	7.99522E-05	0.000312659	0	0.000256999	0.000143893	3.487312-05	1.921026-06	1.11413-05	0.000246757	0.000164778	2.53986E-05	5.2238E-09	1.48395E-08	2.00633E-08	0.020063309	240540	*3812740*
2404303812820	240430	3812820	0.000102136	0	7.51793E-05	0.000293994	0	0.000241657	0.000135303	3.279131-05	1.80635E-06	1.04762E-05	0.000232027	0.000154942	2.38824E-05	4.91196E-09	1.39536E-08	1.88656E-08	0.018865601	240550	*3812740*
2405503812820	240550	3812820	7.22867E-05	0	5.3208E-05	0.000208074	0	0.000171032	9.57606E-05	2.3208E-05	1.27844E-06	7.41451E-06	0.000164216	0.00010966	1.69027E-05	3.47643E-09	9.87566E-09	1.33521E-08	0.013352082	240560	*3812740*
2405703812820	240570	3812820	6.88064E-05	0	5.06463E-05	0.000198056	0	0.000162798	9.11502E-05	2.20906E-05	1.21689E-06	7.05754E-06	0.00015631	0.00010438	1.60889E-05	3.30905E-09	9.40019E-09	1.27092E-08	0.012709244	240570	*3812740*
2405903812820	240590	3812820	6.53811E-05	0	4.8125E-05	0.000188196	0	0.000154693	8.66126E-05	2.09909E-05	1.15631E-06	6.7062E-06	0.000148529	9.91837E-05	1.5288E-05	3.14432E-09	8.93223E-09	1.20766E-08	0.012076556	240580	*3812740*
2406103812820	240610	3812820	6.24138E-05	0	4.59408E-05	0.000179655	0	0.000147672	8.26816E-05	2.00382E-05	1.10383E-06	6.40184E-06	0.000141788	9.46822E-05	1.45941E-05	3.00161E-09	8.52684E-09	1.15285E-08	0.011528452	240590	*3812740*
2406303812820	240630	3812820	5.97138E-05	0	4.39535E-05	0.000171883	0	0.000141284	7.910495-05	1.91714E-05	1.05608E-06	6.1249E-06	0.000135654	9.05864E-05	1.39628E-05	2.87177E-09	8.15798E-09	1.10297E-08	0.011029745	240600	*3812740*
2406503812820	240650	3812820	5.69992E-05	0	4.19553E-05	0.000164069	0	0.000134862	7.55088E-05	1.82999E-05	1.00807E-06	5.84646E-06	0.000129487	8.64683E-05	1.33281E-05	2.74122E-09	7.78711E-09	1.05283E-08	0.010528332	240610	*3812740*
2402903812840	240290	3812840	0.000199997	0	0.000147212	0.000575682	0	0.000473198	0.000264943	6.42101E-05	3.53708E-06	2.05139E-05	0.000454342	0.000303398	4.67651E-05	9.61831E-09	2.73232E-08	3.69415E-08	0.036941526	240620	*3812740*
2403103812840	240310	3812840	0.00018541	0	0.000136474	0.000533692	0	0.000438684	0.000245618	5.95266E-05	3.27909E-06	1.90176E-05	0.000421202	0.000281268	4.33541E-05	8.91675E-09	2.53303E-08	3.4247E-08	0.03424702	240630	*3812740*
2403303812840	240330	3812840	0.000173159	0	0.000127457	0.00049843	0	0.000409699	0.00022939	5.55936E-05	3.06243E-06	1.77611E-05	0.000393372	0.000262684	4.04896E-05	8.3276E-09	2.36566E-08	3.19842E-08	0.031984231	240640	*3812740*
2403503812840	240350	3812840	0.000161099	0	0.00011858	0.000463716	0	0.000381164	0.000213413	5.17216E-05	2.84914E-06	1.65241E-05	0.000365975	0.000244389	3.76696E-05	7.74761E-09	2.2009E-08	2.97566E-08	0.029756628	240540	*3812750*
2403703812840	240370	3812840	0.000150343	0	0.000110663	0.000432756	0	0.000355716	0.000199165	4.82684E-05	2.65892E-06	1.54208E-05	0.000341541	0.000228072	3.51546E-05	7.23034E-09	2.05396E-08	2.77699E-08	0.027769921	240550	*3812750*
2403903812840	240390	3812840	0.000140294	0	0.000103266	0.000403831	0	0.00033194	0.000185853	4.50422E-05	2.4812E-06	1.43901E-05	0.000318712	0.000212828	3.28049E-05	6.74707E-09	1.91667E-08	2.59138E-08	0.025913811	240560	*3812750*

2404103812840	240410	3812840	0.000130436	0	9.601E-05	0.000375454	0	0.000308615	0.000172793	4.18772E-05	2.30685E-06	1.3379E-05	0.000296317	0.000197873	3.04998E-05	6.27296E-09	1.78199E-08	2.40929E-08	0.024092888	240570	*3812750*
2404303812840	240430	3812840	0.000121732	0	8.96031E-05	0.000350399	0	0.000288021	0.000161262	3.90826E-05	2.15291E-06	1.24862E-05	0.000276543	0.000184668	2.84644E-05	5.85436E-09	1.66308E-08	2.24851E-08	0.022485117	240580	*3812750*
2404503812840	240450	3812840	0.000114105	0	8.39889E-05	0.000328445	0	0.000269974	0.000151158	3.66339E-05	2.01801E-06	1.17038E-05	0.000259216	0.000173098	2.6681E-05	5.48754E-09	1.55887E-08	2.10763E-08	0.021076287	240590	*3812750*
2404550812840	240550	3812840	8.44089E-05	0	6.21308E-05	0.000242967	0	0.000199714	0.000111819	2.70999E-05	1.49283E-06	8.6579E-06	0.000191755	0.000128049	1.97373E-05	4.05941E-09	1.15318E-08	1.55912E-08	0.015591188	240600	*3812750*
2404570812840	240570	3812840	8.02766E-05	0	5.90891E-05	0.000231072	0	0.000189936	0.000106345	2.57732E-05	1.41974E-06	8.23405E-06	0.000182367	0.00012178	1.8771E-05	3.86068E-09	1.09672E-08	1.48279E-08	0.014827902	240610	*3812750*
2404590812840	240590	3812840	7.62542E-05	0	5.61283E-05	0.000219494	0	0.000180419	0.000101016	2.44818E-05	1.3486E-06	7.82146E-06	0.00017323	0.000115678	1.78304E-05	3.66723E-09	1.04177E-08	1.40849E-08	0.014084917	240620	*3812750*
2404610812840	240610	3812840	7.25468E-05	0	5.33994E-05	0.000208822	0	0.000171647	9.61052E-05	2.32915E-05	1.28304E-06	7.44119E-06	0.000164807	0.000110054	1.69635E-05	3.48893E-09	9.91119E-09	1.34001E-08	0.013400125	240630	*3812750*
2404630812840	240630	3812840	6.93413E-05	0	5.104E-05	0.000199595	0	0.000164063	9.18587E-05	2.22624E-05	1.22635E-06	7.1124E-06	0.000157525	0.000105191	1.6214E-05	3.33478E-09	9.47326E-09	1.2808E-08	0.012808038	240640	*3812750*
2404650812840	240650	3812840	6.60955E-05	0	4.86508E-05	0.000190253	0	0.000156384	8.75589E-05	2.12203E-05	1.16894E-06	6.77948E-06	0.000150152	0.000100267	1.5455E-05	3.17868E-09	9.02983E-09	1.22085E-08	0.012208507	240540	*3812760*
2403103812860	240310	3812860	0.000243673	0	0.00017936	0.000701399	0	0.000576535	0.000322801	7.82323E-05	4.30951E-06	2.49937E-05	0.000553561	0.000369654	5.69777E-05	1.17188E-08	3.329E-08	4.50088E-08	0.045008804	240550	*3812760*
2403303812860	240330	3812860	0.000223451	0	0.000164475	0.000643191	0	0.000528689	0.000296012	7.17399E-05	3.95187E-06	2.29195E-05	0.000507621	0.000338976	5.22492E-05	1.07462E-08	3.05273E-08	4.12736E-08	0.041273577	240560	*3812760*
2403503812860	240350	3812860	0.00020491	0	0.000150828	0.000589823	0	0.000484822	0.000271451	6.57873E-05	3.62396E-06	2.10178E-05	0.000465502	0.00031085	4.79139E-05	9.85457E-09	2.79944E-08	3.78489E-08	0.037848943	240570	*3812760*
2403703812860	240370	3812860	0.000188051	0	0.000138418	0.000541295	0	0.000444933	0.000249117	6.03747E-05	3.3258E-06	1.92886E-05	0.000427202	0.000285275	4.39717E-05	9.04378E-09	2.56911E-08	3.47349E-08	0.0347349	240580	*3812760*
2403903812860	240390	3812860	0.000173742	0	0.000127886	0.000500106	0	0.000411077	0.000230161	5.57806E-05	3.07273E-06	1.78208E-05	0.000394695	0.000263567	4.06258E-05	8.35561E-09	2.37362E-08	3.20918E-08	0.032091822	240590	*3812760*
2404103812860	240410	3812860	0.000160645	0	0.000118246	0.000462408	0	0.00038009	0.000212812	5.15758E-05	2.84111E-06	1.64775E-05	0.000364943	0.0002437	3.75634E-05	7.72576E-09	2.1947E-08	2.96727E-08	0.029672721	240600	*3812760*
2404303812860	240430	3812860	0.000148175	0	0.000109067	0.000426513	0	0.000350585	0.000196292	4.75722E-05	2.62056E-06	1.51984E-05	0.000336614	0.000224782	3.46475E-05	7.12604E-09	2.02433E-08	2.73693E-08	0.027369331	240610	*3812760*
2404503812860	240450	3812860	0.000138052	0	0.000101616	0.000397377	0	0.000326636	0.000182883	4.43224E-05	2.44155E-06	1.41602E-05	0.000313619	0.000209427	3.22807E-05	6.63925E-09	1.88604E-08	2.54997E-08	0.025499688	240620	*3812760*
2404570812860	240570	3812860	9.48973E-05	0	6.9851E-05	0.000273157	0	0.000224529	0.000125714	3.04673E-05	1.67832E-06	9.73371E-06	0.000215582	0.00014396	2.21897E-05	4.56382E-09	1.29647E-08	1.75285E-08	0.017528498	240630	*3812760*
2404590812860	240590	3812860	8.97392E-05	0	6.60543E-05	0.00025831	0	0.000212325	0.000118881	2.88112E-05	1.5871E-06	9.20464E-06	0.000203864	0.000136135	2.09836E-05	4.31576E-09	1.226E-08	1.65757E-08	0.016575745	240640	*3812760*
2404610812860	240610	3812860	8.52442E-05	0	6.27456E-05	0.000245371	0	0.00020169	0.000112926	2.73681E-05	1.5076E-06	8.74358E-06	0.000193653	0.000129316	1.99326E-05	4.09958E-09	1.16459E-08	1.57455E-08	0.015745469	240550	*3812770*
2404630812860	240630	3812860	8.12071E-05	0	5.9774E-05	0.000233751	0	0.000192138	0.000107578	2.60719E-05	1.4362E-06	8.32949E-06	0.000184481	0.000123192	1.89886E-05	3.90543E-09	1.10943E-08	1.49998E-08	0.014999777	240560	*3812770*
2406503812860	240650	3812860	7.72176E-05	0	5.68375E-05	0.000222267	0	0.000182699	0.000102293	2.47911E-05	1.36564E-06	7.92029E-06	0.000175418	0.00011714	1.80557E-05	3.71357E-09	1.05493E-08	1.42629E-08	0.014262881	240570	*3812770*
2403103812880	240310	3812880	0.00033343	0	0.000245428	0.000959762	0	0.000788904	0.000441706	0.000107049	5.89693E-06	3.42002E-05	0.000757466	0.000505817	7.79656E-05	1.60354E-08	4.55525E-08	6.15879E-08	0.061587932	240580	*3812770*
2403303812880	240330	3812880	0.000296558	0	0.000218287	0.000853627	0	0.000701663	0.00039286	9.52113E-05	5.24482E-06	3.04182E-05	0.000673702	0.000449881	6.93438E-05	1.42621E-08	4.05151E-08	5.47772E-08	0.054777233	240590	*3812770*
2403503812880	240350	3812880	0.000267888	0	0.000197184	0.000771102	0	0.000633829	0.00035488	8.60067E-05	4.73777E-06	2.74775E-05	0.000608571	0.000406388	6.26399E-05	1.28833E-08	3.65983E-08	4.94816E-08	0.049481602	240600	*3812770*
2403703812880	240370	3812880	0.000241984	0	0.000178117	0.000696538	0	0.00057254	0.000320564	7.76901E-05	4.27964E-06	2.48205E-05	0.000549724	0.000367092	5.65828E-05	1.16375E-08	3.30593E-08	4.46969E-08	0.044696858	240610	*3812770*
2403903812880	240390	3812880	0.000220289	0	0.000162148	0.000634091	0	0.000521209	0.000291824	7.07249E-05	3.89595E-06	2.25952E-05	0.000500439	0.00033418	5.15099E-05	1.05942E-08	3.00954E-08	4.06896E-08	0.04068961	240620	*3812770*
2404103812880	240410	3812880	0.000201781	0	0.000148525	0.000580818	0	0.00047742	0.000267307	6.47829E-05	3.56863E-06	2.06969E-05	0.000458395	0.000306104	4.71823E-05	9.70411E-09	2.7567E-08	3.72711E-08	0.037271065	240630	*3812770*
2404303812880	240430	3812880	0.000184695	0	0.000135948	0.000531636	0	0.000436993	0.000244672	5.92973E-05	3.26645E-06	1.89444E-05	0.000419579	0.000280184	4.31871E-05	8.8824E-09	2.52327E-08	3.41151E-08	0.034115069	240640	*3812770*
2404503812880	240450	3812880	0.000170291	0	0.000125346	0.000490173	0	0.000402912	0.0002259	5.46726E-05	3.0117E-06	1.74669E-05	0.000386856	0.000258332	3.98189E-05	8.18965E-09	2.32647E-08	3.14544E-08	0.031454397	240550	*3812780*
2404703812880	240470	3812880	0.000158201	0	0.000116447	0.000455375	0	0.000374308	0.000209575	5.07913E-05	2.79789E-06	1.62269E-05	0.000359392	0.000239993	3.6992E-05	7.60825E-09	2.16131E-08	2.92214E-08	0.029221381	240560	*3812780*
2405503812880	240550	3812880	0.000120406	0	8.86269E-05	0.000346582	0	0.000284883	0.000159506	3.86569E-05	2.12945E-06	1.23501E-05	0.00027353	0.000182657	2.81543E-05	5.79058E-09	1.64496E-08	2.22402E-08	0.022240162	240570	*3812780*
2405703812880	240570	3812880	0.000113522	0	8.35601E-05	0.000326768	0	0.000268596	0.000150387	3.64469E-05	2.00771E-06	1.16441E-05	0.000257893	0.000172214	2.65448E-05	5.45953E-09	1.55092E-08	2.09687E-08	0.020968696	240580	*3812780*
2405903812880	240590	3812880	0.000106906	0	7.86902E-05	0.000307724	0	0.000252942	0.000141622	3.43227E-05	1.8907E-06	1.09655E-05	0.000242863	0.000162177	2.49977E-05	5.14135E-09	1.46053E-08	1.97466E-08	0.019746627	240590	*3812780*
2406103812880	240610	3812880	0.000101187	0	7.44809E-05	0.000291263	0	0.000239412	0.000134046	3.24867E-05	1.78956E-06	1.03789E-05	0.000229871	0.000153502	2.36605E-05	4.86633E-09	1.3824E-08	1.86903E-08	0.018690343	240600	*3812780*
2406303812880	240630	3812880	9.59817E-05	0	7.06491E-05	0.000276279	0	0.000227095	0.0001275	3.08154E-05	1.6975E-06	9.84493E-06	0.000218045	0.000145605	2.24433E-05	4.61597E-09	1.31128E-08	1.77288E-08	0.017728793	240610	*3812780*
2406503812880	240650	3812880	9.09518E-05	0	6.69468E-05	0.0002618	0	0.000215194	0.000120487	2.92005E-05	1.60854E-06	9.32901E-06	0.000206619	0.000137975	2.12672E-05	4.37407E-09	1.24256E-08	1.67997E-08	0.016799723	240620	*3812780*
2403303812900	240330	3812900	0.000404317	0	0.000297605	0.001163808	0	0.000956625	0.000535613	0.000129808	7.15061E-06	4.14712E-05	0.000918504	0.000613553	9.45411E-05	1.94445E-08	5.5237E-08	7.46815E-08	0.074681525	240630	*3812780*
2403503812900	240350	3812900	0.00035846	0	0.000264209	0.001033208	0	0.000849275	0.000475508	0.000115241	6.34819E-06	3.68174E-05	0.000815431	0.000544524	8.39319E-05	1.72625E-08	4.90384E-08	6.63009E-08	0.066300948	240640	*3812780*
2403703812900	240370	3812900	0.000319839	0	0.000235423	0.00092064	0	0.000756747	0.00042371	0.000102686	5.65656E-06	3.28062E-05	0.00072659	0.000485198	7.47876E-05	1.53818E-08	4.36957E-08	5.90775E-08	0.05907748	240650	*3812780*
2403903812900	240390	3812900	0.000285014	0	0.00020979	0.0008204	0	0.000674351	0.00037568	9.15053E-05	5.04066E-06	2.92342E-05	0.000647478	0.000432369	6.66446E-05	1.3707E-08	3.89381E-08	5.2645E-08	0.052645041	240550	*3812790*
2404103812900	240410	3812900	0.000258125	0	0.000189998	0.000742999	0	0.00061073	0.000341947	8.28722E-05	4.5651E-06	2.64761E-05	0.000586392	0.000391578	6.0357E-05	1.24138E-08	3.52645E-08	4.76783E-08	0.047678273	240560	*3812790*
2404303812900	240430	3812900	0.000234518	0	0.000172621	0.000675048	0	0.000554875	0.000310674	7.52931E-05	4.1476E-06	2.40547E-05	0.000532763	0.000355766	5.4837E-05	1.12785E-08	3.20393E-08	4.33178E-08	0.043317802	240570	*3812790*
2404503812900	240450	3812900	0.000213552	0	0.000157189	0.000614699	0	0.000505269	0.000282899	6.85619E-05	3.7768E-06	2.19042E-05	0.000485134	0.00032396	4.99346E-05	1.02702E-08	2.9175E-08	3.94452E-08	0.039445211	240580	*3812790*
2404703812900	240470	3812900	0.000197089	0	0.000145071	0.00056731	0	0.000466316	0.00026109	6.32762E-05	3.48564E-06	2.02156E-05	0.000447734	0.000298985	4.6085E-05	9.47842E-09	2.69258E-08	3.64042E-08	0.036404249	240590	*3812790*
2405503812900	240550	3812900	0.000146482	0	0.000107821	0.000421641	0	0.00034658	0.00019405	4.70288E-05	2.59063E-06	1.50248E-05	0.000332769	0.000222215	3.42517E-05	7.04464E-09	2.00121E-08	2.70567E-08	0.027056709	240600	*3812790*
2405703812900	240570	3812900	0.000137148	0	0.00010095	0.000394773	0	0.000324495	0.000181684	4.40319E-05	2.42554E-06	1.40674E-05	0.000311564	0.000208054	3.20691E-05	6.59573E-09	1.87368E-08	2.53326E-08	0.02533255	240610	*3812790*
2405903812900	240590	3812900	0.000128528	0	9.46051E-05	0.00036996	0	0.000304099	0.000170265	4.12644E-05	2.27309E-06	1.31832E-05	0.000291981	0.000194977	3.00535E-05	6.18117E-09	1.75592E-08	2.37403E-08	0.023740342	240620	*3812790*
2406103812900	240610	3812900	0.000120816	0	8.89289E-05	0.000347763	0	0.000285854	0.000160049	3.87886E-05	2.13671E-06	1.23922E-05	0.000274463	0.000183279	2.82503E-05	5.81031E-09	1.65056E-08	2.23159E-08	0.022315949	240630	*3812790*
2406303812900	240630	3812900	0.00011399	0	8.3908E-05	0.000328128	0	0.000269714	0.000151013	3.65986E-05	2.01607E-06	1.16925E-05	0.000258966	0.000172931	2.66553E-05	5.48226E-09	1.55737E-08	2.1056E-08	0.021055986	240640	*3812790*
2406503812900	240650	3812900	0.000107412	0	7.90623E-05	0.000309179	0	0.000254138	0.000142292	3.4485E-05	1.89964E-06	1.10173E-05	0.000244011	0.000162944	2.51159E-05	5.16566E-09	1.46743E-08	1.984E-08	0.019840008	240650	*3812790*
2403503812920	240350	3812920	0.000487972	0	0.000359181	0.001404602	0	0.001154553	0.000646432	0.000156666	8.63009E-06	5.00517E-05	0.001108544	0.000740257	0.000114102	2.34676E-08	6.66657E-08	9.01333E-08	0.090133318	240550	*3812800*
2403703812920	240370	3812920	0.000427115	0	0.000314386	0.001229429	0	0.001010564	0.000565813	0.000137127	7.5538E-06	4.38096E-05	0.000970294	0.000647937	9.98718E-05	2.05409E-08	5.83516E-08	7.88925E-08	0.078892451	240560	*3812800*
2403903812920	240390	3812920	0.000375164	0	0.000276146	0.001079891	0	0.000887647	0.000496992	0.000120448	6.63501E-06	3.84809E-05	0.000852274	0.000569127	8.77242E-05	1.80425E-08	5.12541E-08	6.92966E-08	0.069296573	240570	*3812800*
2404103812920	240410	3812920	0.000333906	0	0.000245778	0.000961133	0	0.000790031	0.00044233	0.000107202	5.90535E-06	3.42491E-05	0.000758548	0.000506539	7.8077E-05	1.60583E-08	4.56176E-08	6.16759E-08	0.061675899	240580	*3812800*
2404303812920	240430	3812920	0.000300617	0	0.000221275	0.000865311	0	0.000711267	0.000398237	9.65145E-05	5.3166E-06	3.08346E-05	0.000682923	0.000456039	7.02929E-05	1.44573E-08	4.10697E-08	5.5527E-08	0.055526985	240590	*3812800*
2404503812920	240450	3812920	0.000271167	0	0.000199597	0.00078054	0	0.000641587	0.000359224	8.70594E-05	4.79576E-06	2.78138E-05	0.00061602	0.000411362	6.34066E-05	1.3041E-08	3.70462E-08	5.00872E-08	0.050087223	240600	*3812800*
2404703812920	240470	3812920	0.000247021	0	0.000181824	0.000711038	0	0.000584458	0.000327237	7.93073E-05	4.36873E-06	2.53372E-05	0.000561167	0.000374733	5.77607E-05	1.18798E-08	3.37475E-08	4.56273E-08	0.045627281	240610	*3812800*
2404903812920	240490	3812920	0.000227048	0	0.000167123	0.000653546	0	0.000537201	0.000300778	7.28949E-05	4.01549E-06	2.32885E-05	0.000515794	0.000344434	5.30904E-05	1.09192E-08	3.10188E-08	4.19381E-08	0.041938068	240620	*3812800*
2405503812920	240550	3812920	0.000179409	0	0.000132057	0.000516419	0	0.00042486	0.000237669	5.76001E-05	3.17296E-06	1.84021E-05	0.00040757	0.000272165	4.1951E-05	8.62817E-09	2.45105E-08	3.31386E-08	0.033138632	240630	*3812800*
2405703812920	240570	3812920	0.000166191	0	0.000122328	0.000478373	0	0.000393212	0.00022015	5.33565E-05	2.9392E-06	1.70464E-05	0.000377543	0.000252114	3.88603E-05	7.9925E-09	2.27047E-08	3.06972E-08	0.030697202	240640	*3812800*
2405903812920	240590	3812920	0.000155036	0	0.000114117	0.000446264	0	0.000366819	0.000205382	4.97751E-05	2.74191E-06	1.59022E-05	0.000352202	0.000235191	3.62519E-05	7.45603E-09	2.11807E-08	2.86367E-08	0.028636737	240650	*3812800*
2406103812920	240610	3812920	0.000144746	0	0.000106543	0.000416643	0	0.000342471	0.000191749	4.64713E-05	2.55992E-06	1.48467E-05	0.000328824	0.00021958	3.38457E-05	6.96113E-09	1.97748E-08	2.6736E-08	0.026735967	240320	*3812810*
2406303812920	240630	3812920	0.000135569	0	9.97879E-05	0.000390228	0	0.000320759	0.000179592	4.3525E-05	2.39762E-06	1.39054E-05	0.000307977	0.000205659	3.16999E-05	6.5198E-09	1.85211E-08	2.50409E-08	0.025040905	240330	*3812810*
2406503812920	240650	3812920	0.000127091	0	9.35481E-05	0.000365827	0	0.000300702	0.000168362	4.08033E-05	2.24769E-06	1.30359E-05	0.000288719	0.000192799	2.97177E-05	6.11211E-09	1.7363E-08	2.34751E-08	0.023475087	240340	*3812810*
2403503812940	240350	3812940	0.000665131	0	0.000489582	0.001914547	0	0.001573717	0.000881122	0.000213544	1.17633E-05	6.82231E-05	0.001511004	0.00100901	0.000155527	3.19876E-08	9.08688E-08	1.22856E-07	0.012285647	240390	*3812810*
2403703812940	240370	3812940	0.00057091 2	0	0.00042023	0.001643341	0	0.001350791	0.000756306	0.000183294	1.00969E-05	5.85589E-05	0.001296962	0.000866078	0.000133496	2.74564E-08	7.79968E-08	1.05453E-07	0.10545316	240400	*3812810*
2403903812940	240390	3812940	0.000496119	0	0.000365178	0.001428054	0	0.00117383	0.000657226	0.000159281	8.77419E-06	5.08874E-05	0.001127053	0.000752617	0.000116007	2.38595E-08	6.77788E-08	9.16382E-08	0.091638235	240410	*3812810*
2404103812940	240410	3812940	0.000433596	0	0.000319156	0.001248083	0	0.001025898	0.000574399	0.000139208	7.66842E-06	4.44743E-05	0.000985016	0.000657768	0.000101387	2.08526E-08	5.92369E-08	8.00895E-08	0.080089483	240420	*3812810*
2404303812940	240430	3812940	0.000385678	0	0.000283886	0.001110155	0	0.000912523	0.0005109 2	0.000123824	6.82096E-06	3.95593E-05	0.00087616	0.000585077	9.01826E-05	1.85481E-08	5.26905E-08	7.12386E-08	0.07123862	240540	*3812810*
2404503812940	240450	3812940	0.000345259	0	0.000254135	0.000993812	0	0.000816892	0.000457377	0.000110847	6.10613E-06	3.54136E-05	0.000784339	0.000523762	8.07316E-05	1.66043E-08	4.71686E-08	6.37729E-08	0.063772904	240550	*3812810*
2404703812940	240470	3812940	0.000310332	0	0.000228426	0.000893276	0	0.000734254	0.000411108	9.96337E-05	5.48843E-06	3.18311E-05	0.000704994	0.000470777	7.25647E-05	1.49246E-08	4.2397E-08	5.73215E-08	0.057321518	240560	*3812810*
2404903812940	240490	3812940	0.000282743	0	0.000208118	0.000813862	0	0.000668977	0.000374559	9.0776E-05	5.00049E-06	2.90012E-05	0.000642318	0.000428924	6.61135E-05	1.35977E-08	3.86278E-08	5.22255E-08	0.052225505	240570	*3812810*
2405703812940	240570	3812940	0.000200085	0	0.000147277	0.000575935	0	0.000473407	0.00026506	6.42383E-05	3.53864E-06	2.05229E-05	0.000454541	0.000303531	4.67857E-05	9.62254E-09	2.73352E-08	3.69578E-08	0.036957766	240580	*3812810*
2405903812940	240590	3812940	0.000185853	0	0.0001368	0.000534968	0	0.000439732	0.000246205	5.9669E-05	3.28693E-06	1.90631E-05	0.000422209	0.00028194	4.34578E-05	8.93807E-09	2.53908E-08	3.43289E-08	0.034328898	240590	*3812810*
2406103812940	240610	3812940	0.000172859	0	0.000127236	0.000497565	0	0.000408988	0.000228992	5.54971E-05	3.05712E-06	1.77303E-05	0.00039269	0.000262228	4.04193E-05	8.31315E-09	2.36156E-08	3.19287E-08	0.031928744	240600	*3812810*
2406303812940	240630	3812940	0.00016081	0	0.000118367	0.000462883	0	0.00038048	0.00021303	5.16287E-05	2.84402E-06	1.64944E-05	0.000365318	0.00024395	3.76019E-05	7.73369E-09	2.19695E-08	2.97032E-08	0.029703171	240610	*3812810*
2406503812940	240650	3812940	0.00014979	0	0.000110256	0.000431163	0	0.000354407	0.000198432	4.80908E-05	2.64913E-06	1.53641E-05	0.000340284	0.000227233	3.50252E-05	7.20373E-09	2.0464E-08	2.76677E-08	0.027667744	240620	*3812810*
2403703812960	240370	3812960	0.000758691	0	0.000558449	0.002183855	0	0.001795082	0.001005064	0.000243582	1.34179E-05	7.78197E-05	0.001723549	0.001150942	0.000177404	3.64871E-08	1.03651E-07	1.40138E-07	0.140137987	240630	*3812820*
2403903812960	240390	3812960	0.00065036	0	0.00047871	0.00187203	0	0.001538768	0.000861554	0.000208801	1.1502E-05	6.67081E-05	0.001477449	0.000986602	0.000152073	3.12773E-08	8.88509E-08	1.20128E-07	0.120128135	240640	*3812810*
2404103812960	240410	3812960	0.000561962	0	0.000413643	0.001617579	0	0.001329616	0.00074445	0.000180421	9.93866E-06	5.7641E-05	0.001276631	0.000852501	0.000131403	2.7026E-08	7.67741E-08	1.038E-07	0.103800052	240650	*3812810*
2404303812960	240430	3812960	0.000492009	0	0.000362152	0.001416223	0	0.001164105	0.000651781	0.000157962	8.70149E-06	5.04658E-05	0.001117716	0.000746382	0.000115046	2.36618E-08	6.72172E-08	9.0879E-08	0.09087901	240300	*3812820*
2404503812960	240450	3812960	0.000436797	0	0.000321513	0.001257299	0	0.001033473	0.00057864	0.000140236	7.72504E-06	4.48027E-05	0.00099229	0.000662625	0.000102136	2.10065E-08	5.96743E-08	8.06809E-08	0.080680894	240310	*3812820*
2404703812960	240470	3812960	0.000389283	0	0.000286539	0.001120531	0	0.000921052	0.00051696	0.000124981	6.88472E-06	3.99291E-05	0.000884349	0.000590545	9.10256E-05	1.87215E-08	5.3183E-08	7.19045E-08	0.071904465	240320	*3812820*
2404903812960	240490	3812960	0.000349857	0	0.000257519	0.001007046	0	0.00082777	0.00046346 7	0.000112323	6.18745E-06	3.58852E-05	0.000794784	0.000530736	8.18067E-05	1.68254E-08	4.77967E-08	6.46221E-08	0.064622126	240330	*3812820*
2405103812960	240510	3812960	0.000317351	0	0.000233593	0.00091348	0	0.000750861	0.00042040 6	0.000101887	5.61256E-06	3.2551E-05	0.00072094	0.000481425	7.42059E-05	1.52621E-08	4.33559E-08	5.8618E-08	0.05861802	240340	*3812820*
2405703812960	240570	3812960	0.000240669	0	0.000177149	0.000692753	0	0.000569428	0.000318822	7.72678E-05	4.25638E-06	2.46856E-05	0.000546736	0.000365096	5.62753E-05	1.15743E-08	3.28796E-08	4.44539E-08	0.044453933	240350	*3812820*
2405903812960	240590	3812960	0.000221707	0	0.000163191	0.000638172	0	0.000524564	0.000293702	7.118E-05	3.92103E-06	2.27407E-05	0.00050366	0.000336331	5.18414E-05	1.06624E-08	3.02891E-08	4.09515E-08	0.040951481	240360	*3812820*
2406103812960	240610	3812960	0.000204716	0	0.000150685	0.000589264	0	0.000484363	0.000271194	6.5725E-05	3.62053E-06	2.09979E-05	0.000465061	0.000310556	4.78685E-05	9.84523E-09	2.79678E-08	3.78131E-08	0.037813079	240370	*3812820*

2406303812960	240630	3812960	0.000189472	0	0.000139465	0.000545386	0	0.000448296	0.000251	6.0831E-05	3.35094E-06	1.94343E-05	0.000430432	0.000287431	4.43041E-05	9.11214E-09	2.58853E-08	3.49974E-08	0.034997449	240380	*3812820*
2406503812960	240650	3812960	0.00017557	0	0.000129231	0.000505368	0	0.000415402	0.000232583	5.63675E-05	3.10506E-06	1.80083E-05	0.000398848	0.000266341	4.10532E-05	8.44353E-09	2.3986E-08	3.24295E-08	0.032429481	240390	*3812820*
2403703812980	240370	3812980	0.000996177	0	0.000733255	0.002867444	0	0.002356978	0.001319668	0.000319827	1.7618E-05	0.000102179	0.002263053	0.001511209	0.000232935	4.79083E-08	1.36096E-07	1.84004E-07	0.184003893	240400	*3812820*
2403903812980	240390	3812980	0.00083988	0	0.00061821	0.002417553	0	0.001987177	0.001112617	0.000269648	1.48538E-05	8.61473E-05	0.001907989	0.001274106	0.000196388	4.03917E-08	1.14743E-07	1.55134E-07	0.15513438	240410	*3812820*
2404103812980	240410	3812980	0.00071869	0	0.000529006	0.002068715	0	0.001700439	0.000952073	0.000230739	1.27105E-05	7.37167E-05	0.001632677	0.00109026	0.000168051	3.45634E-08	9.8186E-08	1.32749E-07	0.132749411	240420	*3812820*
2404303812980	240430	3812980	0.000621276	0	0.000457302	0.001788313	0	0.001469955	0.000823026	0.000199464	1.09877E-05	6.37249E-05	0.001411378	0.000942482	0.000145272	2.98786E-08	8.48775E-08	1.14756E-07	0.11475604	240430	*3812820*
2404503812980	240450	3812980	0.00054518	0	0.00040129	0.001569273	0	0.001289909	0.000722218	0.000175033	9.64185E-06	5.59196E-05	0.001238506	0.000827043	0.000127479	2.62189E-08	7.44813E-08	1.007E-07	0.10070022	240540	*3812820*
2404703812980	240470	3812980	0.000482469	0	0.000355131	0.001388764	0	0.001141534	0.000639143	0.000154899	8.53278E-06	4.94873E-05	0.001096044	0.00073191	0.000112815	2.3203E-08	6.59139E-08	8.9117E-08	0.089116957	240550	*3812820*
2404903812980	240490	3812980	0.000429525	0	0.00031616	0.001236368	0	0.001016268	0.000569007	0.000137901	7.59643E-06	4.40568E-05	0.00097577	0.000651594	0.000100435	2.06568E-08	5.86809E-08	7.93377E-08	0.079337701	240560	*3812820*
2405103812980	240510	3812980	0.000385022	0	0.000283403	0.001108267	0	0.000910972	0.000510052	0.000123613	6.80936E-06	3.94921E-05	0.00087467	0.000584082	9.00293E-05	1.85166E-08	5.26009E-08	7.11175E-08	0.071117496	240570	*3812820*
2405303812980	240530	3812980	0.000346608	0	0.000255127	0.000997692	0	0.000820082	0.000459163	0.00011128	6.12998E-06	3.55519E-05	0.000787402	0.000525807	8.10469E-05	1.66691E-08	4.73528E-08	6.40219E-08	0.064021919	240580	*3812820*
2405503812980	240550	3812980	0.000314175	0	0.000231255	0.000904338	0	0.000743346	0.000416198	0.000100867	5.55639E-06	3.22252E-05	0.000713724	0.000476607	7.34632E-05	1.51094E-08	4.2922E-08	5.80313E-08	0.058031346	240590	*3812820*
2405703812980	240570	3812980	0.000285751	0	0.000210332	0.000822519	0	0.000676093	0.000378544	9.17417E-05	5.05368E-06	2.93097E-05	0.000649151	0.000433486	6.68168E-05	1.37424E-08	3.90387E-08	5.27811E-08	0.052781052	240600	*3812820*
2405903812980	240590	3812980	0.000261096	0	0.000192185	0.000751551	0	0.000617759	0.000345882	8.38261E-05	4.61765E-06	2.67808E-05	0.000593142	0.000396085	6.10518E-05	1.25567E-08	3.56704E-08	4.82271E-08	0.048227053	240610	*3812820*
2406103812980	240610	3812980	0.000239628	0	0.000176383	0.000689758	0	0.000566966	0.000317444	7.69338E-05	4.23798E-06	2.45789E-05	0.000544373	0.000363518	5.6032E-05	1.15242E-08	3.27375E-08	4.42618E-08	0.044261758	240620	*3812820*
2406303812980	240630	3812980	0.000220996	0	0.000162668	0.000636126	0	0.000522882	0.000292761	7.09519E-05	3.90846E-06	2.26678E-05	0.000502045	0.000335253	5.16753E-05	1.06282E-08	3.0192E-08	4.08202E-08	0.040820207	240630	*3812820*
2406503812980	240650	3812980	0.000203968	0	0.000150135	0.000587113	0	0.000482594	0.000270204	6.54851E-05	3.60731E-06	2.09212E-05	0.000463363	0.000309422	4.76937E-05	9.80929E-09	2.78657E-08	3.7675E-08	0.037675038	240640	*3812820*
2403903813000	240390	3813000	0.001066265	0	0.000784845	0.003069191	0	0.002522809	0.001412517	0.00034233	1.88576E-05	0.000109368	0.002422276	0.001617534	0.000249324	5.1279E-08	1.45671E-07	1.9695E-07	0.196949971	240650	*3812820*
2404103813000	240410	3813000	0.000903268	0	0.000664868	0.002600013	0	0.002137155	0.00119659	0.000289999	1.59749E-05	9.26491E-05	0.00205199	0.001370266	0.00021121	4.34402E-08	1.23403E-07	1.66843E-07	0.166842827	240290	*3812830*
2404303813000	240430	3813000	0.000773558	0	0.000569392	0.002226647	0	0.001830256	0.001024758	0.000248354	1.36809E-05	7.93445E-05	0.001757321	0.001173494	0.00018088	3.72021E-08	1.05682E-07	1.42884E-07	0.14288392	240300	*3812830*
2404503813000	240450	3813000	0.000669743	0	0.000492977	0.001927823	0	0.001584629	0.000887232	0.000215024	1.18448E-05	6.86962E-05	0.001521482	0.001016007	0.000156605	3.22094E-08	9.1499E-08	1.23708E-07	0.123708404	240310	*3812830*
2404703813000	240470	3813000	0.000586873	0	0.000431979	0.001689285	0	0.001388556	0.000777451	0.000188419	1.03792E-05	6.01961E-05	0.001333223	0.000890292	0.000137228	2.8224E-08	8.01774E-08	1.08401E-07	0.108401418	240320	*3812830*
2404903813000	240490	3813000	0.000517708	0	0.000381069	0.001490196	0	0.001224909	0.000685825	0.000166213	9.15599E-06	5.31018E-05	0.001176097	0.000785367	0.000121055	2.48977E-08	7.07282E-08	9.56259E-08	0.09562586	240330	*3812830*
2405103813000	240510	3813000	0.000459371	0	0.000338129	0.001322278	0	0.001086884	0.000608545	0.000147483	8.12428E-06	4.71181E-05	0.001043572	0.00069687	0.000107414	2.20922E-08	6.27584E-08	8.48505E-08	0.084850544	240340	*3812830*
2405303813000	240530	3813000	0.000410157	0	0.000301904	0.001180616	0	0.000970441	0.000543349	0.000131683	7.25389E-06	4.20702E-05	0.000931769	0.000622212	9.59065E-05	1.97254E-08	5.60348E-08	7.57601E-08	0.075760139	240350	*3812830*
2405503813000	240550	3813000	0.00036935	0	0.000271867	0.001063156	0	0.000873891	0.00048929	0.000118582	6.53219E-06	3.78846E-05	0.000839067	0.000560307	8.63647E-05	1.77629E-08	5.04598E-08	6.82227E-08	0.068222695	240360	*3812830*
2405703813000	240570	3813000	0.000334027	0	0.000245867	0.000961481	0	0.000790317	0.000442497	0.000107241	5.90749E-06	3.42615E-05	0.000758823	0.000506722	7.81052E-05	1.60641E-08	4.56341E-08	6.16982E-08	0.061698229	240370	*3812830*
2405903813000	240590	3813000	0.000303592	0	0.000223464	0.000873873	0	0.000718305	0.000402178	9.74696E-05	5.36921E-06	3.11397E-05	0.000689681	0.000460551	7.09885E-05	1.46004E-08	4.14761E-08	5.60764E-08	0.056076442	240380	*3812830*
2406103813000	240610	3813000	0.000277321	0	0.000204127	0.000798255	0	0.000656149	0.000367377	8.90353E-05	4.9046E-06	2.84451E-05	0.000630001	0.000420699	6.48457E-05	1.3337E-08	3.7887E-08	5.1224E-08	0.051224031	240390	*3812830*
2406303813000	240630	3813000	0.000254414	0	0.000187266	0.000732317	0	0.000601949	0.0003373	8.16808E-05	4.49947E-06	2.60955E-05	0.000577962	0.000385948	5.94893E-05	1.22353E-08	3.47575E-08	4.69928E-08	0.046992804	240400	*3812830*
2406503813000	240650	3813000	0.000233712	0	0.000172028	0.000672728	0	0.000552968	0.000309606	7.50343E-05	4.13334E-06	2.3972E-05	0.000530932	0.000354543	5.46486E-05	1.12397E-08	3.19292E-08	4.31689E-08	0.043168934	240410	*3812830*
2403903813020	240390	3813020	0.001337798	0	0.000984712	0.003850785	0	0.003165263	0.001772226	0.000429507	2.36598E-05	0.000137219	0.003039128	0.002029452	0.000312816	6.43377E-08	1.82767E-07	2.47105E-07	0.247104862	240420	*3812830*
2404103813020	240410	3813020	0.00111289	0	0.000819163	0.003203397	0	0.002633124	0.001474282	0.000357299	1.96822E-05	0.00011415	0.002528194	0.001688263	0.000260226	5.35213E-08	1.52041E-07	2.05562E-07	0.205561969	240430	*3812830*
2404303813020	240430	3813020	0.000943346	0	0.000694368	0.002715375	0	0.00223198	0.001249682	0.000302866	1.66837E-05	9.67599E-05	0.002143036	0.001431065	0.000220582	4.53676E-08	1.28878E-07	1.74246E-07	0.174245613	240440	*3812830*
2404503813020	240450	3813020	0.000807888	0	0.000594661	0.002325464	0	0.001911482	0.001070236	0.000259376	1.4288E-05	8.28658E-05	0.00183531	0.001225573	0.000188907	3.88531E-08	1.10372E-07	1.49225E-07	0.149225008	240540	*3812830*
2404703813020	240470	3813020	0.000699871	0	0.000515154	0.002014545	0	0.001655913	0.000927143	0.000224697	1.23777E-05	7.17865E-05	0.001589925	0.001061711	0.00016365	3.36584E-08	9.5615E-08	1.29273E-07	0.12927335	240550	*3812830*
2404903813020	240490	3813020	0.000612147	0	0.000450582	0.001762035	0	0.001448355	0.000810932	0.000196533	1.08262E-05	6.27885E-05	0.001390638	0.000928633	0.000143138	2.94395E-08	8.36303E-08	1.1307E-07	0.113069775	240560	*3812830*
2405103813020	240510	3813020	0.000539329	0	0.000396983	0.001552432	0	0.001276066	0.000714468	0.000173154	9.53838E-06	5.53195E-05	0.001225215	0.000818167	0.000126111	2.59375E-08	7.3682E-08	9.96196E-08	0.099619575	240570	*3812830*
2405303813020	240530	3813020	0.000478809	0	0.000352437	0.001378229	0	0.001132875	0.000634295	0.000153724	8.46805E-06	4.91119E-05	0.00108773	0.000726358	0.000111959	2.3027E-08	6.5414E-08	8.8441E-08	0.088440963	240580	*3812830*
2405503813020	240550	3813020	0.000428093	0	0.000315106	0.001232244	0	0.001012879	0.000567109	0.000137441	7.5711E-06	4.39099E-05	0.000972516	0.000649421	0.000100101	2.05879E-08	5.84852E-08	7.90731E-08	0.079073123	240590	*3812830*
2405703813020	240570	3813020	0.00038496	0	0.000283357	0.001108088	0	0.000910825	0.000509969	0.000123593	6.80826E-06	3.94857E-05	0.000874528	0.000583988	9.0014E-05	1.85136E-08	5.25924E-08	7.1106E-08	0.071105993	240600	*3812830*
2405903813020	240590	3813020	0.000347959	0	0.000256122	0.001001584	0	0.00082328	0.000460953	0.000111714	6.15388E-06	3.56905E-05	0.000790473	0.000527857	8.13629E-05	1.67341E-08	4.75375E-08	6.42716E-08	0.064271611	240610	*3812830*
2406103813020	240610	3813020	0.000316	0	0.000232597	0.000909589	0	0.000747663	0.000418615	0.000101453	5.58866E-06	3.24124E-05	0.000717869	0.000479374	7.38898E-05	1.51971E-08	4.31712E-08	5.83683E-08	0.058368329	240620	*3812830*
2406303813020	240630	3813020	0.000288308	0	0.000212214	0.00082988	0	0.000682143	0.000381931	9.25626E-05	5.09891E-06	2.9572E-05	0.00065496	0.000437365	6.74147E-05	1.38654E-08	3.9388E-08	5.32534E-08	0.053253369	240630	*3812830*
2406503813020	240650	3813020	0.000263627	0	0.000194048	0.000758838	0	0.000623749	0.000349236	8.46388E-05	4.66242E-06	2.70405E-05	0.000598892	0.000399925	6.16437E-05	1.26784E-08	3.60162E-08	4.86946E-08	0.048694633	240640	*3812830*
2404103813040	240410	3813040	0.00133741	0	0.000984426	0.003849667	0	0.003164344	0.001771712	0.000429382	2.3653E-05	0.000137179	0.003038246	0.002028863	0.000312725	6.4319E-08	1.82714E-07	2.47033E-07	0.247033134	240650	*3812830*
2404303813040	240430	3813040	0.001119355	0	0.000823923	0.003222009	0	0.002648422	0.001482848	0.000359375	1.97965E-05	0.000114813	0.002542883	0.001698072	0.000261738	5.38323E-08	1.52924E-07	2.06756E-07	0.206756294	240290	*3812840*
2404503813040	240450	3813040	0.000949167	0	0.000698653	0.002732131	0	0.002245753	0.001257394	0.000304735	1.67866E-05	9.7357E-05	0.002156261	0.001439896	0.000221943	4.56476E-08	1.29673E-07	1.75321E-07	0.175320844	240300	*3812840*
2404703813040	240470	3813040	0.000813361	0	0.000598689	0.002341218	0	0.001924431	0.001077486	0.000261133	1.43848E-05	8.34272E-05	0.001847743	0.001233875	0.000190187	3.91163E-08	1.1112E-07	1.50236E-07	0.150235956	240310	*3812840*
2404903813040	240490	3813040	0.000705498	0	0.000519295	0.002030742	0	0.001669227	0.000934598	0.000226504	1.24772E-05	7.23636E-05	0.001602708	0.001070248	0.000164966	3.3929E-08	9.63837E-08	1.30313E-07	0.130312717	240320	*3812840*
2405103813040	240510	3813040	0.000617664	0	0.000454643	0.001777916	0	0.001461409	0.000818241	0.000198304	1.09238E-05	6.33544E-05	0.001403172	0.000937002	0.000144428	2.97048E-08	8.4384E-08	1.14089E-07	0.114088842	240330	*3812840*
2405303813040	240530	3813040	0.000545275	0	0.00040136	0.001569547	0	0.001290134	0.000722344	0.000175063	9.64354E-06	5.59294E-05	0.001238722	0.000827187	0.000127501	2.62235E-08	7.44943E-08	1.00718E-07	0.100717813	240340	*3812840*
2405503813040	240550	3813040	0.000484781	0	0.000356832	0.001395418	0	0.001147003	0.000642205	0.000155641	8.57366E-06	4.97244E-05	0.001101296	0.000737549	0.000113356	2.33142E-08	6.62298E-08	8.95439E-08	0.089543937	240350	*3812840*
2405703813040	240570	3813040	0.000433771	0	0.000319286	0.001248589	0	0.001026314	0.000574631	0.000139264	7.67153E-06	4.44923E-05	0.000985415	0.000658035	0.000101428	2.0861E-08	5.92609E-08	8.0122E-08	0.080121963	240360	*3812840*
2405903813040	240590	3813040	0.000390279	0	0.000287272	0.001123399	0	0.00092341	0.000517016	0.000125301	6.90234E-06	4.00313E-05	0.000886612	0.000592057	9.12586E-05	1.87694E-08	5.33191E-08	7.20885E-08	0.07208852	240370	*3812840*
2406103813040	240610	3813040	0.000352883	0	0.000259746	0.001015756	0	0.00083493	0.000467476	0.000113295	6.24096E-06	3.61955E-05	0.000801658	0.000535327	8.25142E-05	1.69709E-08	4.82101E-08	6.51811E-08	0.065181057	240380	*3812840*
2406303813040	240630	3813040	0.000320714	0	0.000236068	0.00092316	0	0.000758818	0.000424861	0.000102967	5.67204E-06	3.2896E-05	0.000728579	0.000486527	7.49923E-05	1.54239E-08	4.38153E-08	5.92392E-08	0.059239205	240390	*3812840*
2406503813040	240650	3813040	0.000292451	0	0.000215264	0.000841806	0	0.000691947	0.00038742	9.38929E-05	5.17219E-06	2.9997E-05	0.000664373	0.000443651	6.83835E-05	1.40646E-08	3.99541E-08	5.40187E-08	0.054018684	240400	*3812840*
2404303813060	240430	3813060	0.001282381	0	0.000943921	0.003691271	0	0.003034146	0.001698814	0.000411715	2.26797E-05	0.000131535	0.002913236	0.001945384	0.000299858	6.16726E-08	1.75196E-07	2.36869E-07	0.236868552	240410	*3812840*
2404503813060	240450	3813060	0.001077508	0	0.00079312	0.003101553	0	0.002549411	0.001427411	0.000345939	1.90564E-05	0.000110521	0.002447817	0.00163459	0.000251953	5.18197E-08	1.47207E-07	1.99027E-07	0.199026676	240420	*3812840*
2404703813060	240470	3813060	0.000917823	0	0.000675581	0.002641908	0	0.002171592	0.001215871	0.000294672	1.62323E-05	9.4142E-05	0.002085055	0.001392346	0.000214614	4.41401E-08	1.25391E-07	1.69531E-07	0.169531243	240430	*3812840*
2404903813060	240490	3813060	0.000790882	0	0.000582144	0.002276514	0	0.001871246	0.001047708	0.000253917	1.39873E-05	8.11215E-05	0.001796677	0.001199775	0.000184931	3.80353E-08	1.08049E-07	1.46084E-07	0.146083899	240440	*3812840*
2405103813060	240510	3813060	0.000688724	0	0.000506948	0.001982457	0	0.001629537	0.000912375	0.000221118	1.21805E-05	7.0643E-05	0.0015646	0.0010448	0.000161044	3.31222E-08	9.4092E-08	1.27214E-07	0.127214239	240540	*3812840*
2405303813060	240530	3813060	0.000605187	0	0.000445459	0.001741999	0	0.001431886	0.000801711	0.000194298	1.07031E-05	6.20746E-05	0.001374826	0.000918074	0.00014151	2.91048E-08	8.26793E-08	1.11784E-07	0.111784099	240550	*3812840*
2405503813060	240550	3813060	0.000535875	0	0.000394441	0.001542488	0	0.001267893	0.000709891	0.000172045	9.47729E-06	5.49652E-05	0.001217367	0.000812927	0.000125303	2.57714E-08	7.32101E-08	9.89815E-08	0.098981474	240560	*3812840*
2405703813060	240570	3813060	0.000477575	0	0.000351528	0.001374676	0	0.001129954	0.00063266	0.00015328	8.44622E-06	4.89853E-05	0.001084926	0.000724485	0.000111671	2.29676E-08	6.52453E-08	8.82129E-08	0.088212924	240570	*3812840*
2405903813060	240590	3813060	0.00042836	0	0.000315303	0.001233014	0	0.001013511	0.000567463	0.000137527	7.57583E-06	4.39373E-05	0.000973123	0.000649827	0.000100163	2.06008E-08	5.85217E-08	7.91225E-08	0.07912252	240580	*3812840*
2406103813060	240610	3813060	0.00038633	0	0.000284366	0.001112032	0	0.000914066	0.000511784	0.000124033	6.83249E-06	3.96262E-05	0.000877641	0.000586066	9.03351E-05	1.85795E-08	5.27796E-08	7.13591E-08	0.071359068	240590	*3812840*
2406303813060	240630	3813060	0.000350176	0	0.000257753	0.001007963	0	0.000828524	0.000463889	0.000112426	6.19308E-06	3.59178E-05	0.000795508	0.00053122	8.18812E-05	1.68407E-08	4.78403E-08	6.4681E-08	0.064680997	240600	*3812840*
2406503813060	240650	3813060	0.000318729	0	0.000234606	0.000917445	0	0.00075412	0.000422231	0.000102329	5.63692E-06	3.26923E-05	0.000724069	0.000483515	7.4528E-05	1.53284E-08	4.35441E-08	5.88724E-08	0.058872449	240610	*3812840*
2405103813080	240510	3813080	0.000745074	0	0.000548426	0.00214466	0	0.001762864	0.000987025	0.00023921	1.31771E-05	7.6423E-05	0.001692615	0.001130285	0.00017422	3.58323E-08	1.01791E-07	1.37623E-07	0.137622799	240620	*3812840*
2405303813080	240530	3813080	0.000653196	0	0.000480797	0.001880191	0	0.001545477	0.00086531	0.000209712	1.15522E-05	6.69989E-05	0.00148389	0.000990904	0.000152736	3.14136E-08	8.92383E-08	1.20652E-07	0.120651878	240630	*3812840*
2405503813080	240550	3813080	0.000577282	0	0.00042492	0.001661678	0	0.001365864	0.000764745	0.00018533	1.02096E-05	5.92124E-05	0.001311435	0.000875742	0.000134985	2.77628E-08	7.88671E-08	1.0663E-07	0.106629892	240640	*3812840*
2405703813080	240570	3813080	0.000513759	0	0.000378162	0.001478828	0	0.001215565	0.000680593	0.000164945	9.08615E-06	5.26967E-05	0.001167125	0.000779376	0.000120132	2.47078E-08	7.01886E-08	9.48964E-08	0.094896409	240650	*3812840*
2405903813080	240590	3813080	0.000460067	0	0.000338641	0.001324281	0	0.001088531	0.000609467	0.000147707	8.13659E-06	4.71895E-05	0.001045153	0.000697926	0.000107577	2.21257E-08	6.28535E-08	8.49791E-08	0.084979111	240300	*3812850*
2406103813080	240610	3813080	0.00041433	0	0.000304975	0.001192627	0	0.000980314	0.000548876	0.000133023	7.32768E-06	4.24982E-05	0.000941249	0.000628542	9.68822E-05	1.9926E-08	5.66048E-08	7.65309E-08	0.076530868	240310	*3812850*
2406303813080	240630	3813080	0.000374992	0	0.00027602	0.001079395	0	0.00088724	0.000496764	0.000120393	6.63197E-06	3.84632E-05	0.000851883	0.000568866	8.76839E-05	1.80342E-08	5.12306E-08	6.92648E-08	0.06926477	240320	*3812850*
2406503813080	240650	3813080	0.000340878	0	0.00025091	0.0009812	0	0.000806526	0.000451572	0.000109441	6.02864E-06	3.49642E-05	0.000774386	0.000517115	7.97071E-05	1.63936E-08	4.657E-08	6.29636E-08	0.062963605	240330	*3812850*
2405303813100	240530	3813100	0.000683555	0	0.000503143	0.001967578	0	0.001617307	0.000905528	0.000219459	1.20891E-05	7.01128E-05	0.001552858	0.001036958	0.000159835	3.28736E-08	9.33858E-08	1.26259E-07	0.126259455	240340	*3812850*
2405503813100	240550	3813100	0.00060445	0	0.000444917	0.00173988	0	0.001430144	0.000800736	0.000194062	1.06901E-05	6.1999E-05	0.001373153	0.000916956	0.000141338	2.90693E-08	8.25787E-08	1.11648E-07	0.111648088	240350	*3812850*
2405703813100	240570	3813100	0.000538263	0	0.000396199	0.001549364	0	0.001273544	0.000713055	0.000172812	9.51953E-06	5.52102E-05	0.001222793	0.00081655	0.000125861	2.58863E-08	7.35364E-08	9.94227E-08	0.099422664	240360	*3812850*
2405903813100	240590	3813100	0.000482271	0	0.000354985	0.001388194	0	0.001141066	0.000638881	0.000154836	8.52928E-06	4.9467E-05	0.001095595	0.00073161	0.000112769	2.31935E-08	6.58869E-08	8.90804E-08	0.089080417	240370	*3812850*
2406103813100	240610	3813100	0.0004345	0	0.000319822	0.001250688	0	0.001028039	0.000575597	0.000139498	7.68442E-06	4.45671E-05	0.000987071	0.000659141	0.000101599	2.08961E-08	5.93605E-08	8.02566E-08	0.080256621	240380	*3812850*
2406303813100	240630	3813100	0.000393375	0	0.000289551	0.00113231	0	0.000930734	0.000521117	0.000126295	6.95709E-06	4.03488E-05	0.000893645	0.000596753	9.19824E-05	1.89183E-08	5.3742E-08	7.26603E-08	0.072660307	240390	*3812850*
2406503813100	240650	3813100	0.000357708	0	0.000263298	0.001029644	0	0.000846345	0.000473867	0.000114844	6.32629E-06	3.66904E-05	0.000812618	0.000542646	8.36424E-05	1.7203E-08	4.88693E-08	6.60722E-08	0.066072233	240400	*3812850*
2404203813060	240420	3813060	0.001407971	0	0.001036364	0.004052774	0	0.003331294	0.001865186	0.000452036	2.49009E-05	0.000144417	0.003198543	0.002135905	0.000329224	6.77124E-08	1.92354E-07	2.60067E-07	0.260066504	240420	*3812850*
2404403813080	240440	3813080	0.001284953	0	0.000945814	0.003698674	0	0.003040231	0.001702221	0.000412541	2.27252E-05	0.000131799	0.002919078	0.001949286	0.000300459	6.17962E-08	1.75548E-07	2.37344E-07	0.237343875	240430	*3812850*
2404603813080	240460	3813080	0.001082135	0	0.000796526	0.003114872	0	0.002560358	0.001433541	0.000347425	1.91383E-05	0.000110996	0.002458328	0.001641609	0.000253034	5.20423E-08	1.47839E-07	1.99881E-07	0.199881312	240440	*3812850*
2404803813080	240480	3813080	0.000924036	0	0.000680154	0.002659793	0	0.002186293	0.001224102	0.000296666	1.63422E-05	9.47793E-05	0.002099169	0.001401771	0.000216066	4.44389E-08	1.2624E-07	1.70679E-07	0.170678878	240450	*3812850*

2404603813100	240460	3813100	0.001131796	0	0.00083308	0.00325782	0	0.002677858	0.001499329	0.000363369	2.00165E-05	0.000116089	0.002571146	0.001716945	0.000264647	5.44306E-08	1.54624E-07	2.09054E-07	0.209054271	240550	*3812850*
2404803813100	240480	3813100	0.000966008	0	0.000711049	0.002780606	0	0.002285599	0.001279703	0.000310142	1.70845E-05	9.90844E-05	0.002194518	0.001465443	0.000225881	4.64575E-08	1.31974E-07	1.78432E-07	0.178431503	240560	*3812850*
2405003813100	240500	3813100	0.000834938	0	0.000614572	0.002403328	0	0.001975484	0.001106071	0.000268061	1.47664E-05	8.56404E-05	0.001896762	0.001266609	0.000195233	4.0154E-08	1.14068E-07	1.54222E-07	0.154221551	240570	*3812850*
2405203813100	240520	3813100	0.000729051	0	0.000536632	0.002098536	0	0.001724952	0.000965798	0.000234065	1.28937E-05	7.47794E-05	0.001656213	0.001105976	0.000170473	3.50617E-08	9.96014E-08	1.34663E-07	0.134663038	240580	*3812850*
2405003813550	240500	3813550	9.32268E-05	0	6.86214E-05	0.000268349	0	0.000220577	0.000123501	2.99309E-05	1.64878E-06	9.56236E-06	0.000211787	0.000141426	2.17991E-05	4.48348E-09	1.27365E-08	1.72199E-08	0.017219936	240590	*3812850*
2405203813550	240520	3813550	9.21424E-05	0	6.78232E-05	0.000265227	0	0.000218011	0.000122064	2.95828E-05	1.6296E-06	9.45113E-06	0.000209324	0.000139781	2.15456E-05	4.43133E-09	1.25883E-08	1.70196E-08	0.017019641	240600	*3812850*
2405403813550	240540	3813550	9.09775E-05	0	6.69657E-05	0.000261874	0	0.000215255	0.000120521	2.92088E-05	1.60899E-06	9.33164E-06	0.000206677	0.000138014	2.12732E-05	4.37531E-09	1.24292E-08	1.68045E-08	0.01680446	240610	3812850
2405603813550	240560	3813550	8.97722E-05	0	6.60785E-05	0.000258405	0	0.000212403	0.000118924	2.88218E-05	1.58768E-06	9.20802E-06	0.000203939	0.000136185	2.09913E-05	4.31734E-09	1.22645E-08	1.65818E-08	0.016581835	240620	3812850
2405803813550	240580	3813550	8.84387E-05	0	6.5097E-05	0.000254566	0	0.000209248	0.000117158	2.83937E-05	1.5641E-06	9.07124E-06	0.00020091	0.000134162	2.06795E-05	4.25321E-09	1.20823E-08	1.63355E-08	0.016335526	240630	3812850
2406003813550	240600	3813550	8.70466E-05	0	6.40723E-05	0.000250559	0	0.000205954	0.000115314	2.79467E-05	1.53948E-06	8.92845E-06	0.000197747	0.00013205	2.0354E-05	4.18626E-09	1.18921E-08	1.60784E-08	0.016078391	240640	3812850
2406203813550	240620	3813550	8.55739E-05	0	6.29883E-05	0.00024632	0	0.00020247	0.000113363	2.74739E-05	1.51343E-06	8.7774E-06	0.000194402	0.000129816	2.00097E-05	4.11544E-09	1.16909E-08	1.58064E-08	0.015806369	240650	3812850
2406403813550	240640	3813550	8.40719E-05	0	6.18827E-05	0.000241997	0	0.000198916	0.000111373	2.69917E-05	1.48687E-06	8.62333E-06	0.000190989	0.000127538	1.96584E-05	4.0432E-09	1.14857E-08	1.55289E-08	0.015528934	240300	3812860
2406603813550	240660	3813550	8.25772E-05	0	6.07825E-05	0.000237694	0	0.00019538	0.000109393	2.65118E-05	1.46043E-06	8.47002E-06	0.000187594	0.00012527	1.93089E-05	3.97132E-09	1.12815E-08	1.52529E-08	0.015252852	240310	3812860
2404603813570	240460	3813570	8.70942E-05	0	6.41074E-05	0.000250696	0	0.000206067	0.000115377	2.7962E-05	1.54032E-06	8.93334E-06	0.000197855	0.000132123	2.03652E-05	4.18855E-09	1.18986E-08	1.60872E-08	0.016087188	240320	3812860
2404803813570	240480	3813570	8.67059E-05	0	6.38215E-05	0.000249579	0	0.000205148	0.000114862	2.78374E-05	1.53345E-06	8.89351E-06	0.000196973	0.000131534	2.02743E-05	4.16988E-09	1.18456E-08	1.60155E-08	0.016015461	240330	3812860
2405003813570	240500	3813570	8.61088E-05	0	6.3382E-05	0.00024786	0	0.000203735	0.000114071	2.76456E-05	1.52289E-06	8.83226E-06	0.000195617	0.000130628	2.01347E-05	4.14116E-09	1.1764E-08	1.59052E-08	0.015905163	240340	3812860
2405203813570	240520	3813570	8.53321E-05	0	6.28103E-05	0.000245624	0	0.000201898	0.000113042	2.73963E-05	1.50915E-06	8.7526E-06	0.000193852	0.00012945	1.99531E-05	4.10381E-09	1.16579E-08	1.57617E-08	0.015761709	240350	3812860
2405403813570	240540	3813570	8.44309E-05	0	6.2147E-05	0.00024303	0	0.000199766	0.000111848	2.7107E-05	1.49322E-06	8.66016E-06	0.000191805	0.000128082	1.97424E-05	4.06047E-09	1.15348E-08	1.55952E-08	0.015595248	240360	3812860
2405603813570	240560	3813570	8.33356E-05	0	6.13407E-05	0.000239877	0	0.000197174	0.000110397	2.67553E-05	1.47384E-06	8.54781E-06	0.000189317	0.000126421	1.94863E-05	4.00779E-09	1.13851E-08	1.53929E-08	0.015392923	240370	3812860
2405803813570	240580	3813570	8.22072E-05	0	6.05102E-05	0.000236629	0	0.000194504	0.000108903	2.6393E-05	1.45389E-06	8.43207E-06	0.000186753	0.000124709	1.92224E-05	3.95353E-09	1.1231E-08	1.51845E-08	0.015184508	240380	3812860
2406003813570	240600	3813570	8.09433E-05	0	5.95799E-05	0.000232991	0	0.000191514	0.000107228	2.59873E-05	1.43154E-06	8.30243E-06	0.000183882	0.000122792	1.89269E-05	3.89274E-09	1.10583E-08	1.49511E-08	0.014951056	240390	3812860
2406203813570	240620	3813570	7.96575E-05	0	5.86334E-05	0.00022929	0	0.000188472	0.000105525	2.55744E-05	1.40879E-06	8.17054E-06	0.000180961	0.000120841	1.86262E-05	3.8309E-09	1.08826E-08	1.47135E-08	0.014713545	240400	3812860
2406403813570	240640	3813570	7.83606E-05	0	5.76788E-05	0.000225557	0	0.000185403	0.000103807	2.51581E-05	1.38586E-06	8.03752E-06	0.000178015	0.000118874	1.8323E-05	3.76854E-09	1.07055E-08	1.4474E-08	0.014474003	240410	3812860
2406603813570	240660	3813570	7.71077E-05	0	5.67566E-05	0.000221951	0	0.000182439	0.000102147	2.47558E-05	1.3637E-06	7.90901E-06	0.000175169	0.000116973	1.803E-05	3.70828E-09	1.05343E-08	1.42426E-08	0.014242581	240420	3812860
2404603813590	240460	3813590	8.061E-05	0	5.93345E-05	0.000232032	0	0.000190725	0.000106787	2.58802E-05	1.42564E-06	8.26824E-06	0.000183125	0.000122286	1.88489E-05	3.87671E-09	1.10128E-08	1.48895E-08	0.014889479	240430	3812860
2404803813590	240480	3813590	8.0218E-05	0	5.9046E-05	0.000230903	0	0.000189798	0.000106267	2.57544E-05	1.41871E-06	8.22803E-06	0.000182234	0.000121691	1.87573E-05	3.85786E-09	1.09592E-08	1.48171E-08	0.014817075	240440	3812860
2405003813590	240500	3813590	7.97747E-05	0	5.87197E-05	0.000229628	0	0.000188749	0.00010568	2.56121E-05	1.41087E-06	8.18257E-06	0.000181227	0.000121019	1.86536E-05	3.83654E-09	1.08987E-08	1.47352E-08	0.014735198	240450	3812860
2405203813590	240520	3813590	7.913E-05	0	5.82451E-05	0.000227772	0	0.000187223	0.000104826	2.54051E-05	1.39946E-06	8.11643E-06	0.000179763	0.000120041	1.85029E-05	3.80553E-09	1.08106E-08	1.46161E-08	0.014616104	240560	3812860
2405403813590	240540	3813590	7.83826E-05	0	5.7695E-05	0.00022562	0	0.000185455	0.000103836	2.51651E-05	1.38625E-06	8.03978E-06	0.000178065	0.000118907	1.83281E-05	3.76959E-09	1.07085E-08	1.44781E-08	0.014478063	240570	3812860
2405603813590	240560	3813590	7.74558E-05	0	5.70128E-05	0.000222953	0	0.000183262	0.000102608	2.48676E-05	1.36986E-06	7.94471E-06	0.000175959	0.000117501	1.81114E-05	3.72502E-09	1.05818E-08	1.43069E-08	0.014306865	240580	3812860
2405803813590	240580	3813590	7.65143E-05	0	5.63198E-05	0.000220243	0	0.000181035	0.000101361	2.45653E-05	1.3532E-06	7.84814E-06	0.00017382	0.000116073	1.78912E-05	3.67974E-09	1.04532E-08	1.4133E-08	0.014132961	240590	3812860
2406003813590	240600	3813590	7.54409E-05	0	5.55297E-05	0.000217153	0	0.000178495	9.99391E-05	2.42207E-05	1.33422E-06	7.73804E-06	0.000171382	0.000114444	1.76403E-05	3.62812E-09	1.03066E-08	1.39347E-08	0.013934696	240600	3812860
2406203813590	240620	3813590	7.43712E-05	0	5.47423E-05	0.000214074	0	0.000175964	9.8522E-05	2.38772E-05	1.3153E-06	7.62832E-06	0.000168952	0.000112822	1.73901E-05	3.57667E-09	1.01604E-08	1.37371E-08	0.013737108	240610	3812860
2406403813590	240640	3813590	7.32611E-05	0	5.39253E-05	0.000210879	0	0.000173338	9.70515E-05	2.35209E-05	1.29567E-06	7.51446E-06	0.00016643	0.000111138	1.71306E-05	3.52329E-09	1.00088E-08	1.35321E-08	0.013532076	240620	3812860
2406603813590	240660	3813590	7.21511E-05	0	5.31082E-05	0.000207683	0	0.000170711	9.5581E-05	2.31645E-05	1.27604E-06	7.40061E-06	0.000163909	0.000109454	1.6871E-05	3.46991E-09	9.85714E-09	1.3327E-08	0.013327045	240630	3812860
2406803813590	240680	3813590	7.08653E-05	0	5.21617E-05	0.000203982	0	0.000167669	9.38776E-05	2.27516E-05	1.2533E-06	7.26872E-06	0.000160987	0.000107503	1.65703E-05	3.40807E-09	9.68147E-09	1.30895E-08	0.013089533	240640	3812860
2404603813610	240460	3813610	7.47045E-05	0	5.49877E-05	0.000215033	0	0.000176753	9.89636E-05	2.39843E-05	1.3212E-06	7.66251E-06	0.000169709	0.000113327	1.74681E-05	3.59271E-09	1.0206E-08	1.37987E-08	0.013798685	240650	3812860
2404803813610	240480	3813610	7.44628E-05	0	5.48097E-05	0.000214337	0	0.000176181	9.86433E-05	2.39066E-05	1.31692E-06	7.63771E-06	0.00016916	0.000112961	1.74115E-05	3.58108E-09	1.01729E-08	1.3754E-08	0.013754025	240310	3812870
2405003813610	240500	3813610	7.40854E-05	0	5.4532E-05	0.000213251	0	0.000175288	9.81434E-05	2.37855E-05	1.31025E-06	7.59901E-06	0.000168303	0.000112388	1.73233E-05	3.56293E-09	1.01214E-08	1.36843E-08	0.013684327	240320	3812870
2405203813610	240520	3813610	7.35652E-05	0	5.41491E-05	0.000211754	0	0.000174057	9.74543E-05	2.36185E-05	1.30105E-06	7.54565E-06	0.000167121	0.000111599	1.72017E-05	3.53791E-09	1.00503E-08	1.35882E-08	0.01358824	240330	3812870
2405403813610	240540	3813610	7.21951E-05	0	5.31406E-05	0.00020781	0	0.000170815	9.56393E-05	2.31786E-05	1.27682E-06	7.40512E-06	0.000164008	0.000109521	1.68813E-05	3.47202E-09	9.86314E-09	1.33352E-08	0.013335165	240340	3812870
2405603813610	240560	3813610	7.13708E-05	0	5.25338E-05	0.000205437	0	0.000168865	9.45473E-05	2.2914E-05	1.26224E-06	7.32057E-06	0.000162136	0.00010827	1.66886E-05	3.43238E-09	9.75053E-09	1.31829E-08	0.013182914	240350	3812870
2405803813610	240580	3813610	7.04476E-05	0	5.18543E-05	0.00020278	0	0.000166681	9.33244E-05	2.26176E-05	1.24591E-06	7.22588E-06	0.000160039	0.00010687	1.64727E-05	3.38798E-09	9.62441E-09	1.30124E-08	0.013012393	240360	3812870
2406003813610	240600	3813610	6.95574E-05	0	5.11991E-05	0.000200218	0	0.000164575	9.21451E-05	2.23318E-05	1.23017E-06	7.13457E-06	0.000158016	0.000105519	1.62645E-05	3.34517E-09	9.50279E-09	1.2848E-08	0.012847961	240370	3812870
2406203813610	240620	3813610	6.86562E-05	0	5.05357E-05	0.000197624	0	0.000162442	9.09512E-05	2.20424E-05	1.21423E-06	7.04213E-06	0.000155969	0.000104152	1.60538E-05	3.30183E-09	9.37967E-09	1.26815E-08	0.0126815	240380	3812870
2406403813610	240640	3813610	6.85646E-05	0	5.04683E-05	0.00019736	0	0.000162226	9.08299E-05	2.2013E-05	1.21261E-06	7.03274E-06	0.000155761	0.000104013	1.60324E-05	3.29742E-09	9.36716E-09	1.26646E-08	0.012664583	240390	3812870
2406603813610	240660	3813610	6.75645E-05	0	4.97321E-05	0.000194481	0	0.000159859	8.9505E-05	2.16919E-05	1.19492E-06	6.93016E-06	0.000153489	0.000102496	1.57985E-05	3.24933E-09	9.23053E-09	1.24799E-08	0.012479852	240400	3812870
2406803813610	240680	3813610	6.65388E-05	0	4.89771E-05	0.000191529	0	0.000157432	8.81461E-05	2.13626E-05	1.17678E-06	6.82494E-06	0.000151159	0.00010094	1.55587E-05	3.2E-09	9.09039E-09	1.22904E-08	0.012290384	240410	3812870
2404603813630	240460	3813630	6.94255E-05	0	5.1102E-05	0.000199838	0	0.000164263	9.19703E-05	2.22894E-05	1.22784E-06	7.12104E-06	0.000157717	0.000105319	1.62337E-05	3.33883E-09	9.48477E-09	1.28236E-08	0.012823601	240420	3812870
2404803813630	240480	3813630	6.88907E-05	0	5.07083E-05	0.000198298	0	0.000162997	9.12618E-05	2.21177E-05	1.21838E-06	7.06618E-06	0.000156502	0.000104508	1.61086E-05	3.3131E-09	9.4117E-09	1.27248E-08	0.012724807	240430	3812870
2405003813630	240500	3813630	6.84474E-05	0	5.0382E-05	0.000197022	0	0.000161948	9.06746E-05	2.19754E-05	1.21054E-06	7.02071E-06	0.000155495	0.000103835	1.6005E-05	3.29179E-09	9.35114E-09	1.26429E-08	0.01264293	240440	3812870
2405203813630	240520	3813630	6.79309E-05	0	5.00018E-05	0.000195536	0	0.000160726	8.99903E-05	2.18095E-05	1.2014E-06	6.96773E-06	0.000154321	0.000103052	1.58842E-05	3.26695E-09	9.28057E-09	1.25475E-08	0.012547519	240450	3812870
2405403813630	240540	3813630	6.73008E-05	0	4.9538E-05	0.000193722	0	0.000159235	8.91556E-05	2.16072E-05	1.19026E-06	6.9031E-06	0.00015289	0.000102096	1.57369E-05	3.23664E-09	9.19449E-09	1.24311E-08	0.012431132	240460	3812870
2405603813630	240560	3813630	6.66487E-05	0	4.9058E-05	0.000191845	0	0.000157692	8.82917E-05	2.13979E-05	1.17872E-06	6.83622E-06	0.000151408	0.000101107	1.55844E-05	3.20528E-09	9.1054E-09	1.23107E-08	0.012310684	240560	3812870
2405803813630	240580	3813630	6.5883E-05	0	4.84944E-05	0.000189641	0	0.000155881	8.72774E-05	2.11521E-05	1.16518E-06	6.75768E-06	0.000149669	9.99451E-05	1.54054E-05	3.16846E-09	9.0008E-09	1.21693E-08	0.01216926	240570	3812870
2406003813630	240600	3813630	6.51283E-05	0	4.7939E-05	0.000187469	0	0.000154095	8.62777E-05	2.09098E-05	1.15184E-06	6.68027E-06	0.000147955	9.88003E-05	1.52289E-05	3.13217E-09	8.8977E-09	1.20299E-08	0.012029866	240580	3812870
2406203813630	240620	3813630	6.43627E-05	0	4.73754E-05	0.000185265	0	0.000152284	8.52634E-05	2.0664E-05	1.1383E-06	6.60174E-06	0.000146215	9.76388E-05	1.50499E-05	3.09534E-09	8.7931E-09	1.18884E-08	0.011888441	240590	3812870
2406403813630	240640	3813630	6.43664E-05	0	4.73781E-05	0.000185275	0	0.000152292	8.52683E-05	2.06651E-05	1.13836E-06	6.60212E-06	0.000146224	9.76443E-05	1.50507E-05	3.09552E-09	8.7936E-09	1.18891E-08	0.011889118	240600	3812870
2406603813630	240660	3813630	6.34761E-05	0	4.67228E-05	0.000182713	0	0.000150186	8.4089E-05	2.03793E-05	1.12262E-06	6.51081E-06	0.000144201	9.62939E-05	1.48426E-05	3.05271E-09	8.67198E-09	1.17247E-08	0.011724687	240610	3812870
2406803813630	240680	3813630	6.25933E-05	0	4.6073E-05	0.000180172	0	0.000148097	8.29194E-05	2.00959E-05	1.107E-06	6.42025E-06	0.000142196	9.49545E-05	1.46361E-05	3.01025E-09	8.55136E-09	1.15616E-08	0.011561609	240620	3812870
2404603813650	240460	3813650	6.44872E-05	0	4.74671E-05	0.000185623	0	0.000152578	8.54284E-05	2.07039E-05	1.1405E-06	6.61452E-06	0.000146498	9.78277E-05	1.5079E-05	3.10133E-09	8.81011E-09	1.19114E-08	0.011911448	240630	3812870
2404803813650	240480	3813650	6.42711E-05	0	4.7308E-05	0.000185001	0	0.000152067	8.51421E-05	2.06346E-05	1.13668E-06	6.59235E-06	0.000146007	9.74998E-05	1.50284E-05	3.09094E-09	8.78059E-09	1.18715E-08	0.011871524	240640	3812870
2405003813650	240500	3813650	6.39048E-05	0	4.70383E-05	0.000183947	0	0.0001512	8.46568E-05	2.05169E-05	1.1302E-06	6.55477E-06	0.000145175	9.69441E-05	1.49428E-05	3.07332E-09	8.73054E-09	1.18039E-08	0.011803857	240650	3812870
2405203813650	240520	3813650	6.34578E-05	0	4.67093E-05	0.00018266	0	0.000150143	8.40647E-05	2.03734E-05	1.12229E-06	6.50893E-06	0.00014416	9.62661E-05	1.48383E-05	3.05183E-09	8.66948E-09	1.17213E-08	0.011721303	240320	3812880
2405403813650	240540	3813650	6.29779E-05	0	4.63561E-05	0.000181279	0	0.000149007	8.3429E-05	2.02194E-05	1.1138E-06	6.4597E-06	0.000143069	9.55381E-05	1.47261E-05	3.02875E-09	8.60391E-09	1.16327E-08	0.011632659	240330	3812880
2405603813650	240560	3813650	6.23405E-05	0	4.58869E-05	0.000179444	0	0.000147499	8.25845E-05	2.00147E-05	1.10253E-06	6.39432E-06	0.000141621	9.45711E-05	1.4577E-05	2.99809E-09	8.51683E-09	1.15149E-08	0.011514919	240340	3812880
2405803813650	240580	3813650	6.1747E-05	0	4.54501E-05	0.000177736	0	0.000146095	8.17983E-05	1.98242E-05	1.09204E-06	6.33345E-06	0.000140273	9.36708E-05	1.44382E-05	2.96955E-09	8.43575E-09	1.14053E-08	0.011405298	240350	3812880
2406003813650	240600	3813650	6.10803E-05	0	4.49593E-05	0.000175816	0	0.000144517	8.09151E-05	1.96101E-05	1.08024E-06	6.26506E-06	0.000138758	9.26593E-05	1.42823E-05	2.93748E-09	8.34466E-09	1.12821E-08	0.011282144	240360	3812880
2406203813650	240620	3813650	6.04025E-05	0	4.44604E-05	0.000173866	0	0.000142914	8.00173E-05	1.93925E-05	1.06826E-06	6.19554E-06	0.000137219	9.16312E-05	1.41239E-05	2.90489E-09	8.25207E-09	1.1157E-08	0.011156959	240370	3812880
2406403813650	240640	3813650	5.96735E-05	0	4.39238E-05	0.000171767	0	0.000141189	7.90515E-05	1.91585E-05	1.05536E-06	6.12077E-06	0.000135563	9.05252E-05	1.39534E-05	2.86983E-09	8.15247E-09	1.10223E-08	0.011022302	240380	3812880
2406603813650	240660	3813650	5.89042E-05	0	4.33575E-05	0.000169553	0	0.000139369	7.80324E-05	1.89115E-05	1.04176E-06	6.04186E-06	0.000133815	8.93582E-05	1.37735E-05	2.83283E-09	8.04737E-09	1.08802E-08	0.010880201	240390	3812880
2406803813650	240680	3813650	5.89555E-05	0	4.33953E-05	0.0001697	0	0.00013949	7.81003E-05	1.89279E-05	1.04267E-06	6.04712E-06	0.000133931	8.9436E-05	1.37855E-05	2.8353E-09	8.05438E-09	1.08897E-08	0.010889674	240400	3812880
2404603813670	240460	3813670	6.02633E-05	0	4.4358E-05	0.000173465	0	0.000142584	7.98328E-05	1.93478E-05	1.0658E-06	6.18126E-06	0.000136903	9.142E-05	1.40913E-05	2.8982E-09	8.23305E-09	1.11312E-08	0.011131246	240410	3812880
2404803813670	240480	3813670	6.01204E-05	0	4.42528E-05	0.000173054	0	0.000142246	7.96436E-05	1.9302E-05	1.06327E-06	6.16661E-06	0.000136578	9.12033E-05	1.40579E-05	2.89132E-09	8.21353E-09	1.11049E-08	0.011104856	240420	3812880
2405003813670	240500	3813670	5.9864E-05	0	4.4064E-05	0.000172316	0	0.00014164	7.93039E-05	1.92196E-05	1.05873E-06	6.14031E-06	0.000135995	9.08142E-05	1.39979E-05	2.87899E-09	8.1785E-09	1.10575E-08	0.011057489	240430	3812880
2405203813670	240520	3813670	5.95013E-05	0	4.37971E-05	0.000171272	0	0.000140782	7.88234E-05	1.91032E-05	1.05232E-06	6.10311E-06	0.000135171	9.0264E-05	1.39131E-05	2.86155E-09	8.12895E-09	1.09905E-08	0.010990498	240440	3812880
2405403813670	240540	3813670	5.90104E-05	0	4.34357E-05	0.000169859	0	0.00013962	7.81731E-05	1.89456E-05	1.04364E-06	6.05275E-06	0.000134056	8.95193E-05	1.37983E-05	2.83794E-09	8.06188E-09	1.08998E-08	0.010899824	240450	3812880
2405603813670	240560	3813670	5.84536E-05	0	4.30259E-05	0.000168256	0	0.000138303	7.74354E-05	1.87668E-05	1.03379E-06	5.99564E-06	0.000132791	8.86746E-05	1.36681E-05	2.81116E-09	7.98581E-09	1.0797E-08	0.01079697	240460	3812880
2405803813670	240580	3813670	5.79297E-05	0	4.26403E-05	0.000166748	0	0.000137063	7.67414E-05	1.85986E-05	1.02452E-06	5.94191E-06	0.000131601	8.78799E-05	1.35456E-05	2.78597E-09	7.91424E-09	1.07002E-08	0.010700206	240550	3812880
2406003813670	240600	3813670	5.73289E-05	0	4.2198E-05	0.000165018	0	0.000135642	7.59455E-05	1.84057E-05	1.0139E-06	5.88028E-06	0.000130236	8.69685E-05	1.34052E-05	2.75707E-09	7.83216E-09	1.05892E-08	0.010589232	240560	3812880
2406203813670	240620	3813670	5.67501E-05	0	4.1772E-05	0.000163352	0	0.000134272	7.51788E-05	1.82199E-05	1.00366E-06	5.82091E-06	0.000128921	8.60904E-05	1.32698E-05	2.72924E-09	7.75308E-09	1.04823E-08	0.010482318	240570	3812880
2406403813670	240640	3813670	5.61053E-05	0	4.12974E-05	0.000161496	0	0.000132747	7.43246E-05	1.80129E-05	9.92259E-07	5.75478E-06	0.000127457	8.51123E-05	1.3119E-05	2.69823E-09	7.66499E-09	1.03632E-08	0.010363224	240580	3812880
2406603813670	240660	3813670	5.54826E-05	0	4.0839E-05	0.000159704	0	0.000131273	7.34996E-05	1.78129E-05	9.81245E-07	5.6909E-06	0.000126042	8.41675E-05	1.29734E-05	2.66828E-09	7.57991E-09	1.02482E-08	0.01024819	240590	3812880
2406803813670	240680	3813670	5.48818E-05	0	4.03968E-05	0.000157974	0	0.000129852	7.27037E-05	1.76201E-05	9.70619E-07	5.62927E-06	0.000124677	8.32561E-05	1.28329E-05	2.63938E-09	7.49783E-09	1.01372E-08	0.010137215	240600	3812880
2404603813690	240460	3813690	5.64204E-05	0	4.15293E-05	0.000162403	0	0.000133492	7.4742E-05	1.8114E-05	9.97831E-07	5.78709E-06	0.000128172	8.55902E-05	1.31927E-05	2.71338E-09	7.70804E-09	1.04214E-08	0.010421417	240610	3812880
2404803813690	240480	3813690	5.62958E-05	0	4.14376E-05	0.000162045	0	0.000133197	7.4577E-05	1.80741E-05	9.95628E-07	5.77432E-06	0.000127889	8.54013E-05	1.31636E-05	2.70739E-09	7.69102E-09	1.03984E-08	0.010398411	240620	3812880
2405003813690	240500	3813690	5.60907E-05	0	4.12866E-05	0.000161454	0	0.000132712	7.43052E-05	1.80082E-05	9.92E-07	5.75327E-06	0.000127423	8.50901E-05	1.31156E-05	2.69752E-09	7.66299E-09	1.03605E-08	0.010360517	240630	3812880
2405203813690	240520	3813690	5.56914E-05	0	4.09927E-05	0.000160305	0	0.000131767	7.37762E-05	1.788E-05	9.84938E-07	5.71232E-06	0.000126516	8.44843E-05	1.30223E-05	2.67832E-09	7.60844E-09	1.02868E-08	0.01028676	240640	3812880
2405403813690	240540	3813690	5.54313E-05	0	4.08012E-05	0.000159556	0	0.000131152	7.34317E-05	1.77965E-05	9.80338E-07	5.68564E-06	0.000125925	8.40897E-05	1.29614E-05	2.66581E-09	7.5729E-09	1.02387E-08	0.010238716	240650	3812880

2405603813690	240560	3813690	5.4988E-05	0	4.04749E-05	0.00015828	0	0.000130103	7.28444E-05	1.76542E-05	9.72498E-07	5.64017E-06	0.000124918	8.34173E-05	1.28578E-05	2.64449E-09	7.51235E-09	1.01568E-08	0.010156839	240320	3812890
2405803813690	240580	3813690	5.46546E-05	0	4.02296E-05	0.000157321	0	0.000129314	7.24028E-05	1.75471E-05	9.66602E-07	5.60597E-06	0.000124161	8.29115E-05	1.27798E-05	2.62846E-09	7.4668E-09	1.00953E-08	0.010095262	240330	3812890
2406003813690	240600	3813690	5.40062E-05	0	3.97523E-05	0.000155454	0	0.00012778	7.15438E-05	1.7339E-05	9.55134E-07	5.53947E-06	0.000122688	8.19279E-05	1.26282E-05	2.59728E-09	7.37821E-09	9.97549E-09	0.009975491	240340	3812890
2406203813690	240620	3813690	5.34384E-05	0	3.93343E-05	0.00015382	0	0.000126436	7.07916E-05	1.71566E-05	9.45092E-07	5.48122E-06	0.000121398	8.10665E-05	1.24954E-05	2.56997E-09	7.30064E-09	9.87061E-09	0.009870607	240350	3812890
2406403813690	240640	3813690	5.28852E-05	0	3.89271E-05	0.000152227	0	0.000125128	7.00588E-05	1.6979E-05	9.35308E-07	5.42448E-06	0.000120141	8.02273E-05	1.23661E-05	2.54337E-09	7.22506E-09	9.76843E-09	0.00976843	240360	3812890
2406603813690	240660	3813690	5.2332E-05	0	3.852E-05	0.000150635	0	0.000123819	6.9326E-05	1.68014E-05	9.25525E-07	5.36774E-06	0.000118885	7.93881E-05	1.22367E-05	2.51676E-09	7.14949E-09	9.66625E-09	0.009666252	240370	3812890
2406803813690	240680	3813690	5.17166E-05	0	3.80669E-05	0.000148864	0	0.000122363	6.85107E-05	1.66039E-05	9.1464E-07	5.30461E-06	0.000117487	7.84545E-05	1.20928E-05	2.48716E-09	7.06541E-09	9.55257E-09	0.009552571	240380	3812890
2404603813710	240460	3813710	5.29072E-05	0	3.89433E-05	0.000152291	0	0.00012518	7.00879E-05	1.69861E-05	9.35697E-07	5.42674E-06	0.000120191	8.02606E-05	1.23712E-05	2.54442E-09	7.22807E-09	9.77249E-09	0.00977249	240390	3812890
2404803813710	240480	3813710	5.28156E-05	0	3.88759E-05	0.000152027	0	0.000124963	6.99666E-05	1.69567E-05	9.34077E-07	5.41734E-06	0.000119983	8.01217E-05	1.23498E-05	2.54002E-09	7.21556E-09	9.75557E-09	0.009755573	240400	3812890
2405003813710	240500	3813710	5.26507E-05	0	3.87546E-05	0.000151552	0	0.000124573	6.97482E-05	1.69038E-05	9.31162E-07	5.40043E-06	0.000119609	7.98716E-05	1.23113E-05	2.53209E-09	7.19303E-09	9.72512E-09	0.009725123	240410	3812890
2405203813710	240520	3813710	5.23357E-05	0	3.85227E-05	0.000150646	0	0.000123827	6.93308E-05	1.68026E-05	9.2559E-07	5.36812E-06	0.000118893	7.93937E-05	1.22376E-05	2.51694E-09	7.14999E-09	9.66693E-09	0.009666929	240420	3812890
2405403813710	240540	3813710	5.21269E-05	0	3.8369E-05	0.000150045	0	0.000123333	6.90542E-05	1.67356E-05	9.21897E-07	5.3467E-06	0.000118419	7.90769E-05	1.21888E-05	2.5069E-09	7.12146E-09	9.62836E-09	0.009628359	240430	3812890
2405603813710	240560	3813710	5.17569E-05	0	3.80966E-05	0.00014898	0	0.000122458	6.8564E-05	1.66168E-05	9.15353E-07	5.30875E-06	0.000117578	7.85156E-05	1.21022E-05	2.4891E-09	7.07091E-09	9.56001E-09	0.009560015	240440	3812890
2405803813710	240580	3813710	5.14674E-05	0	3.78836E-05	0.000148146	0	0.000121773	6.81806E-05	1.65239E-05	9.10235E-07	5.27906E-06	0.000116921	7.80766E-05	1.20346E-05	2.47518E-09	7.03137E-09	9.50656E-09	0.009506558	240450	3812890

Sywest Industrial Building Project

Offroad DPM Emissions, Ground Level Concentrations and Health Risk Calculations

Residential Receptors

Phase	Year	Emissions (lbs/day)	Days Per Year	Work Hours Per Day	Emissions (g/s)	Wt. Trip Length (mi)	Modeled Trip Length (mi)	
Demolition	2027	0.0000	0	9	0	1.06	1.06	2027
Demolition - Hauling	2027	0.0000976557219730411	0	9	1.36715E-06	1.06	1.06	2027
Site Preparation	2027	0.0000	61	9	0	1.06	1.06	2027
Grading	2027	0.0000	0	9	0	1.06	1.06	2027
Grading - Haul	2027	0.00531525453627697	31	9	7.44119E-05	1.06	1.06	2027
Building Construction - 2025	2027	0.0000	0	9	0	1.06	1.06	2027
Building Construction - 2026	2028	0.0000	59	9	0	1.06	1.06	2028
Paving	2028	0.0000	0	9	0	1.06	1.06	2028
Architectural Coating	2028	0.0000	0	9	0	1.06	1.06	2028
Grubing & Land Clearing	2027	0.0000	0	9	0	1.06	1.06	2027
Grading & Excavation	2027	0.0000	0	9	0	1.06	1.06	2027
Grading, Utilities, & Sub-Grade	2027	0.0000		9	0			2027
Paving	2027	0.0000		9	0			2027

AERMOD Column Identifier:			*5*	*5*	*5*	*5*	*5*	*5*	*5*	*5*	*5*	*5*	*5*	*5*	*5*					*MAX:*	0
			Demolition	Demolition - Hauling	Site Preparation	Grading	Grading - Haul	Building Construction - 202	ilding Construction - 20	Paving	Architectural Coating	Grubing & Land Clearing	Grading & Excavation	ading, Utilities, & Sub-Gra	Paving	Child Risk					
Unique Identifier	X (UTM)	Y (UTM)	2027	2027	2027	2027	2027	2027	2028	2028	2028	2027	2027	2027	2027	3rd Trimester	0<2	Total	per million		
2400023812965	240002	3812965	0	3.33626E-07	0	0	1.81587E-05	0	0	0	0	0	0	0	0	1.73996E-10	0	1.73996E-10	0.000173996		
2398953813066	239895	3813066	0	2.25963E-07	0	0	1.22988E-05	0	0	0	0	0	0	0	0	1.17847E-10	0	1.17847E-10	0.000117847		
2399053813061	239905	3813061	0	2.36271E-07	0	0	1.28599E-05	0	0	0	0	0	0	0	0	1.23223E-10	0	1.23223E-10	0.000123223		
2399183813065	239918	3813065	0	2.55479E-07	0	0	1.39054E-05	0	0	0	0	0	0	0	0	1.33241E-10	0	1.33241E-10	0.000133241		
2399333813063	239933	3813063	0	2.7775E-07	0	0	1.51175E-05	0	0	0	0	0	0	0	0	1.44856E-10	0	1.44856E-10	0.000144856		
2399423813062	239942	3813062	0	2.92693E-07	0	0	1.59308E-05	0	0	0	0	0	0	0	0	1.52649E-10	0	1.52649E-10	0.000152649		
2399573813062	239957	3813062	0	3.20911E-07	0	0	1.74667E-05	0	0	0	0	0	0	0	0	1.67365E-10	0	1.67365E-10	0.000167365		
2405103812720	240510	3812720	0	1.81845E-07	0	0	9.89753E-06	0	0	0	0	0	0	0	0	9.48377E-11	0	9.48377E-11	9.48377E-05		
2405303812720	240530	3812720	0	1.76909E-07	0	0	9.6289E-06	0	0	0	0	0	0	0	0	9.22638E-11	0	9.22638E-11	9.22638E-05		
2405503812720	240550	3812720	0	1.72726E-07	0	0	9.4012E-06	0	0	0	0	0	0	0	0	9.00819E-11	0	9.00819E-11	9.00819E-05		
2405703812720	240570	3812720	0	1.68296E-07	0	0	9.16011E-06	0	0	0	0	0	0	0	0	8.77718E-11	0	8.77718E-11	8.77718E-05		
2405903812720	240590	3812720	0	1.63429E-07	0	0	8.8952E-06	0	0	0	0	0	0	0	0	8.52335E-11	0	8.52335E-11	8.52335E-05		
2406103812720	240610	3812720	0	1.58453E-07	0	0	8.62434E-06	0	0	0	0	0	0	0	0	8.26381E-11	0	8.26381E-11	8.26381E-05		
2406303812720	240630	3812720	0	1.53394E-07	0	0	8.34902E-06	0	0	0	0	0	0	0	0	8E-11	0	8E-11	8E-05		
2406503812720	240650	3812720	0	1.48445E-07	0	0	8.07965E-06	0	0	0	0	0	0	0	0	7.74189E-11	0	7.74189E-11	7.74189E-05		
2405103812740	240510	3812740	0	1.98414E-07	0	0	1.07994E-05	0	0	0	0	0	0	0	0	1.03479E-10	0	1.03479E-10	0.000103479		
2405303812740	240530	3812740	0	1.92563E-07	0	0	1.04809E-05	0	0	0	0	0	0	0	0	1.00428E-10	0	1.00428E-10	0.000100428		
2405503812740	240550	3812740	0	1.87409E-07	0	0	1.02004E-05	0	0	0	0	0	0	0	0	9.77397E-11	0	9.77397E-11	9.77397E-05		
2405703812740	240570	3812740	0	1.81981E-07	0	0	9.90497E-06	0	0	0	0	0	0	0	0	9.4909E-11	0	9.4909E-11	9.4909E-05		
2405903812740	240590	3812740	0	1.76089E-07	0	0	9.58426E-06	0	0	0	0	0	0	0	0	9.1836E-11	0	9.1836E-11	9.1836E-05		
2406103812740	240610	3812740	0	1.70429E-07	0	0	9.27619E-06	0	0	0	0	0	0	0	0	8.88841E-11	0	8.88841E-11	8.88841E-05		
2406303812740	240630	3812740	0	1.64701E-07	0	0	8.9644E-06	0	0	0	0	0	0	0	0	8.58966E-11	0	8.58966E-11	8.58966E-05		
2406503812740	240650	3812740	0	1.58794E-07	0	0	8.64294E-06	0	0	0	0	0	0	0	0	8.28164E-11	0	8.28164E-11	8.28164E-05		
2405503812760	240550	3812760	0	2.03774E-07	0	0	1.10911E-05	0	0	0	0	0	0	0	0	1.06274E-10	0	1.06274E-10	0.000106274		
2405703812760	240570	3812760	0	1.97198E-07	0	0	1.07332E-05	0	0	0	0	0	0	0	0	1.02845E-10	0	1.02845E-10	0.000102845		
2405903812760	240590	3812760	0	1.90007E-07	0	0	1.03418E-05	0	0	0	0	0	0	0	0	9.90944E-11	0	9.90944E-11	9.90944E-05		
2406103812760	240610	3812760	0	1.83389E-07	0	0	9.98162E-06	0	0	0	0	0	0	0	0	9.56434E-11	0	9.56434E-11	9.56434E-05		
2406303812760	240630	3812760	0	1.76923E-07	0	0	9.62965E-06	0	0	0	0	0	0	0	0	9.22709E-11	0	9.22709E-11	9.22709E-05		
2406503812760	240650	3812760	0	1.70073E-07	0	0	9.25684E-06	0	0	0	0	0	0	0	0	8.86987E-11	0	8.86987E-11	8.86987E-05		
2405503812780	240550	3812780	0	2.21998E-07	0	0	1.2083E-05	0	0	0	0	0	0	0	0	1.15779E-10	0	1.15779E-10	0.000115779		
2405703812780	240570	3812780	0	2.14232E-07	0	0	1.16603E-05	0	0	0	0	0	0	0	0	1.11729E-10	0	1.11729E-10	0.000111729		
2405903812780	240590	3812780	0	2.05688E-07	0	0	1.11953E-05	0	0	0	0	0	0	0	0	1.07273E-10	0	1.07273E-10	0.000107273		
2406103812780	240610	3812780	0	1.98032E-07	0	0	1.07786E-05	0	0	0	0	0	0	0	0	1.0328E-10	0	1.0328E-10	0.00010328		
2406303812780	240630	3812780	0	1.90608E-07	0	0	1.03745E-05	0	0	0	0	0	0	0	0	9.94081E-11	0	9.94081E-11	9.94081E-05		
2406503812780	240650	3812780	0	1.82843E-07	0	0	9.95185E-06	0	0	0	0	0	0	0	0	9.53582E-11	0	9.53582E-11	9.53582E-05		
2405503812800	240550	3812800	0	2.42943E-07	0	0	1.3223E-05	0	0	0	0	0	0	0	0	1.26702E-10	0	1.26702E-10	0.000126702		
2405703812800	240570	3812800	0	2.33578E-07	0	0	1.27133E-05	0	0	0	0	0	0	0	0	1.21818E-10	0	1.21818E-10	0.000121818		
2405903812800	240590	3812800	0	2.23625E-07	0	0	1.21716E-05	0	0	0	0	0	0	0	0	1.16627E-10	0	1.16627E-10	0.000116627		
2406103812800	240610	3812800	0	2.14684E-07	0	0	1.16849E-05	0	0	0	0	0	0	0	0	1.11964E-10	0	1.11964E-10	0.000111964		
2406303812800	240630	3812800	0	2.06235E-07	0	0	1.1225E-05	0	0	0	0	0	0	0	0	1.07558E-10	0	1.07558E-10	0.000107558		
2406503812800	240650	3812800	0	1.97334E-07	0	0	1.07406E-05	0	0	0	0	0	0	0	0	1.02916E-10	0	1.02916E-10	0.000102916		
2403103812820	240310	3812820	0	3.83909E-07	0	0	2.08956E-05	0	0	0	0	0	0	0	0	2.00221E-10	0	2.00221E-10	0.000200221		
2403303812820	240330	3812820	0	3.84866E-07	0	0	2.09477E-05	0	0	0	0	0	0	0	0	2.0072E-10	0	2.0072E-10	0.00020072		
2403503812820	240350	3812820	0	3.82406E-07	0	0	2.08138E-05	0	0	0	0	0	0	0	0	1.99437E-10	0	1.99437E-10	0.000199437		
2403703812820	240370	3812820	0	3.76622E-07	0	0	2.0499E-05	0	0	0	0	0	0	0	0	1.96421E-10	0	1.96421E-10	0.000196421		
2403903812820	240390	3812820	0	3.67189E-07	0	0	1.99856E-05	0	0	0	0	0	0	0	0	1.91501E-10	0	1.91501E-10	0.000191501		
2404103812820	240410	3812820	0	3.54871E-07	0	0	1.93151E-05	0	0	0	0	0	0	0	0	1.85077E-10	0	1.85077E-10	0.000185077		
2404303812820	240430	3812820	0	3.42827E-07	0	0	1.86595E-05	0	0	0	0	0	0	0	0	1.78795E-10	0	1.78795E-10	0.000178795		
2405503812820	240550	3812820	0	2.66772E-07	0	0	1.452E-05	0	0	0	0	0	0	0	0	1.3913E-10	0	1.3913E-10	0.00013913		
2405703812820	240570	3812820	0	2.55794E-07	0	0	1.39225E-05	0	0	0	0	0	0	0	0	1.33405E-10	0	1.33405E-10	0.000133405		
2405903812820	240590	3812820	0	2.44296E-07	0	0	1.32967E-05	0	0	0	0	0	0	0	0	1.27408E-10	0	1.27408E-10	0.000127408		
2406103812820	240610	3812820	0	2.33974E-07	0	0	1.27349E-05	0	0	0	0	0	0	0	0	1.22025E-10	0	1.22025E-10	0.000122025		
2406303812820	240630	3812820	0	2.24131E-07	0	0	1.21991E-05	0	0	0	0	0	0	0	0	1.16891E-10	0	1.16891E-10	0.000116891		
2406503812820	240650	3812820	0	2.13863E-07	0	0	1.16403E-05	0	0	0	0	0	0	0	0	1.11536E-10	0	1.11536E-10	0.000111536		
2402903812840	240290	3812840	0	4.61194E-07	0	0	2.51021E-05	0	0	0	0	0	0	0	0	2.40527E-10	0	2.40527E-10	0.000240527		
2403103812840	240310	3812840	0	4.58733E-07	0	0	2.49682E-05	0	0	0	0	0	0	0	0	2.39244E-10	0	2.39244E-10	0.000239244		
2403303812840	240330	3812840	0	4.57107E-07	0	0	2.48796E-05	0	0	0	0	0	0	0	0	2.38396E-10	0	2.38396E-10	0.000238396		
2403503812840	240350	3812840	0	4.4863E-07	0	0	2.44183E-05	0	0	0	0	0	0	0	0	2.33975E-10	0	2.33975E-10	0.000233975		
2403703812840	240370	3812840	0	4.38568E-07	0	0	2.38706E-05	0	0	0	0	0	0	0	0	2.28727E-10	0	2.28727E-10	0.000228727		
2403903812840	240390	3812840	0	4.25143E-07	0	0	2.31399E-05	0	0	0	0	0	0	0	0	2.21725E-10	0	2.21725E-10	0.000221725		
2404103812840	240410	3812840	0	4.07151E-07	0	0	2.21606E-05	0	0	0	0	0	0	0	0	2.12342E-10	0	2.12342E-10	0.000212342		
2404303812840	240430	3812840	0	3.8972E-07	0	0	2.12119E-05	0	0	0	0	0	0	0	0	2.03251E-10	0	2.03251E-10	0.000203251		

2404503812840	240450	3812840	0	3.73355E-07	0	0	2.03212E-05	0	0	0	0	0	0	0	0	1.94716E-10	0	1.94716E-10	0.000194716
2405503812840	240550	3812840	0	2.94484E-07	0	0	1.60283E-05	0	0	0	0	0	0	0	0	1.53583E-10	0	1.53583E-10	0.000153583
2405703812840	240570	3812840	0	2.81865E-07	0	0	1.53415E-05	0	0	0	0	0	0	0	0	1.47002E-10	0	1.47002E-10	0.000147002
2405903812840	240590	3812840	0	2.68891E-07	0	0	1.46353E-05	0	0	0	0	0	0	0	0	1.40235E-10	0	1.40235E-10	0.000140235
2406103812840	240610	3812840	0	2.56477E-07	0	0	1.39597E-05	0	0	0	0	0	0	0	0	1.33761E-10	0	1.33761E-10	0.000133761
2406303812840	240630	3812840	0	2.45362E-07	0	0	1.33547E-05	0	0	0	0	0	0	0	0	1.27964E-10	0	1.27964E-10	0.000127964
2406503812840	240650	3812840	0	2.33728E-07	0	0	1.27215E-05	0	0	0	0	0	0	0	0	1.21897E-10	0	1.21897E-10	0.000121897
2403103812860	240310	3812860	0	5.56526E-07	0	0	3.02909E-05	0	0	0	0	0	0	0	0	2.90246E-10	0	2.90246E-10	0.000290246
2403303812860	240330	3812860	0	5.51043E-07	0	0	2.99925E-05	0	0	0	0	0	0	0	0	2.87387E-10	0	2.87387E-10	0.000287387
2403503812860	240350	3812860	0	5.36647E-07	0	0	2.92089E-05	0	0	0	0	0	0	0	0	2.79879E-10	0	2.79879E-10	0.000279879
2403703812860	240370	3812860	0	5.16058E-07	0	0	2.80883E-05	0	0	0	0	0	0	0	0	2.69141E-10	0	2.69141E-10	0.000269141
2403903812860	240390	3812860	0	4.95264E-07	0	0	2.69565E-05	0	0	0	0	0	0	0	0	2.58296E-10	0	2.58296E-10	0.000258296
2404103812860	240410	3812860	0	4.71749E-07	0	0	2.56766E-05	0	0	0	0	0	0	0	0	2.46032E-10	0	2.46032E-10	0.000246032
2404303812860	240430	3812860	0	4.45335E-07	0	0	2.42389E-05	0	0	0	0	0	0	0	0	2.32257E-10	0	2.32257E-10	0.000232257
2404503812860	240450	3812860	0	4.23652E-07	0	0	2.30588E-05	0	0	0	0	0	0	0	0	2.20948E-10	0	2.20948E-10	0.000220948
2405703812860	240570	3812860	0	3.12421E-07	0	0	1.70046E-05	0	0	0	0	0	0	0	0	1.62938E-10	0	1.62938E-10	0.000162938
2405903812860	240590	3812860	0	2.96863E-07	0	0	1.61578E-05	0	0	0	0	0	0	0	0	1.54823E-10	0	1.54823E-10	0.000154823
2406103812860	240610	3812860	0	2.82877E-07	0	0	1.53966E-05	0	0	0	0	0	0	0	0	1.47529E-10	0	1.47529E-10	0.000147529
2406303812860	240630	3812860	0	2.69889E-07	0	0	1.46897E-05	0	0	0	0	0	0	0	0	1.40756E-10	0	1.40756E-10	0.000140756
2406503812860	240650	3812860	0	2.56669E-07	0	0	1.39701E-05	0	0	0	0	0	0	0	0	1.33861E-10	0	1.33861E-10	0.000133861
2403103812880	240310	3812880	0	6.99543E-07	0	0	3.80751E-05	0	0	0	0	0	0	0	0	3.64834E-10	0	3.64834E-10	0.000364834
2403303812880	240330	3812880	0	6.75235E-07	0	0	3.6752E-05	0	0	0	0	0	0	0	0	3.52157E-10	0	3.52157E-10	0.000352157
2403503812880	240350	3812880	0	6.50613E-07	0	0	3.54119E-05	0	0	0	0	0	0	0	0	3.39315E-10	0	3.39315E-10	0.000339315
2403703812880	240370	3812880	0	6.15887E-07	0	0	3.35218E-05	0	0	0	0	0	0	0	0	3.21205E-10	0	3.21205E-10	0.000321205
2403903812880	240390	3812880	0	5.81613E-07	0	0	3.16563E-05	0	0	0	0	0	0	0	0	3.0333E-10	0	3.0333E-10	0.00030333
2404103812880	240410	3812880	0	5.48829E-07	0	0	2.98719E-05	0	0	0	0	0	0	0	0	2.86232E-10	0	2.86232E-10	0.000286232
2404303812880	240430	3812880	0	5.14541E-07	0	0	2.80057E-05	0	0	0	0	0	0	0	0	2.68349E-10	0	2.68349E-10	0.000268349
2404503812880	240450	3812880	0	4.84614E-07	0	0	2.63768E-05	0	0	0	0	0	0	0	0	2.52741E-10	0	2.52741E-10	0.000252741
2404703812880	240470	3812880	0	4.58925E-07	0	0	2.49786E-05	0	0	0	0	0	0	0	0	2.39344E-10	0	2.39344E-10	0.000239344
2405503812880	240550	3812880	0	3.68105E-07	0	0	2.00354E-05	0	0	0	0	0	0	0	0	1.91979E-10	0	1.91979E-10	0.000191979
2405703812880	240570	3812880	0	3.49936E-07	0	0	1.90465E-05	0	0	0	0	0	0	0	0	1.82503E-10	0	1.82503E-10	0.000182503
2405903812880	240590	3812880	0	3.31589E-07	0	0	1.80479E-05	0	0	0	0	0	0	0	0	1.72934E-10	0	1.72934E-10	0.000172934
2406103812880	240610	3812880	0	3.15292E-07	0	0	1.71609E-05	0	0	0	0	0	0	0	0	1.64435E-10	0	1.64435E-10	0.000164435
2406303812880	240630	3812880	0	2.99994E-07	0	0	1.63282E-05	0	0	0	0	0	0	0	0	1.56456E-10	0	1.56456E-10	0.000156456
2406503812880	240650	3812880	0	2.84695E-07	0	0	1.54955E-05	0	0	0	0	0	0	0	0	1.48478E-10	0	1.48478E-10	0.000148478
2403303812900	240330	3812900	0	8.42096E-07	0	0	4.5834E-05	0	0	0	0	0	0	0	0	4.3918E-10	0	4.3918E-10	0.00043918
2403503812900	240350	3812900	0	7.99304E-07	0	0	4.35049E-05	0	0	0	0	0	0	0	0	4.16863E-10	0	4.16863E-10	0.000416863
2403703812900	240370	3812900	0	7.47134E-07	0	0	4.06654E-05	0	0	0	0	0	0	0	0	3.89654E-10	0	3.89654E-10	0.000389654
2403903812900	240390	3812900	0	6.89919E-07	0	0	3.75512E-05	0	0	0	0	0	0	0	0	3.59814E-10	0	3.59814E-10	0.000359814
2404103812900	240410	3812900	0	6.45322E-07	0	0	3.51239E-05	0	0	0	0	0	0	0	0	3.36556E-10	0	3.36556E-10	0.000336556
2404303812900	240430	3812900	0	6.02776E-07	0	0	3.28082E-05	0	0	0	0	0	0	0	0	3.14367E-10	0	3.14367E-10	0.000314367
2404503812900	240450	3812900	0	5.62254E-07	0	0	3.06026E-05	0	0	0	0	0	0	0	0	2.93233E-10	0	2.93233E-10	0.000293233
2404703812900	240470	3812900	0	5.3111E-07	0	0	2.89075E-05	0	0	0	0	0	0	0	0	2.76991E-10	0	2.76991E-10	0.000276991
2405503812900	240550	3812900	0	4.20822E-07	0	0	2.29047E-05	0	0	0	0	0	0	0	0	2.19472E-10	0	2.19472E-10	0.000219472
2405703812900	240570	3812900	0	3.98073E-07	0	0	2.16665E-05	0	0	0	0	0	0	0	0	2.07608E-10	0	2.07608E-10	0.000207608
2405903812900	240590	3812900	0	3.76048E-07	0	0	2.04677E-05	0	0	0	0	0	0	0	0	1.96121E-10	0	1.96121E-10	0.000196121
2406103812900	240610	3812900	0	3.55719E-07	0	0	1.93612E-05	0	0	0	0	0	0	0	0	1.85519E-10	0	1.85519E-10	0.000185519
2406303812900	240630	3812900	0	3.37249E-07	0	0	1.83559E-05	0	0	0	0	0	0	0	0	1.75886E-10	0	1.75886E-10	0.000175886
2406503812900	240650	3812900	0	3.1871E-07	0	0	1.73469E-05	0	0	0	0	0	0	0	0	1.66217E-10	0	1.66217E-10	0.000166217
2403503812920	240350	3812920	0	9.94547E-07	0	0	5.41317E-05	0	0	0	0	0	0	0	0	5.18688E-10	0	5.18688E-10	0.000518688
2403703812920	240370	3812920	0	9.15334E-07	0	0	4.98203E-05	0	0	0	0	0	0	0	0	4.77376E-10	0	4.77376E-10	0.000477376
2403903812920	240390	3812920	0	8.36573E-07	0	0	4.55334E-05	0	0	0	0	0	0	0	0	4.36299E-10	0	4.36299E-10	0.000436299
2404103812920	240410	3812920	0	7.72508E-07	0	0	4.20465E-05	0	0	0	0	0	0	0	0	4.02887E-10	0	4.02887E-10	0.000402887
2404303812920	240430	3812920	0	7.19969E-07	0	0	3.91868E-05	0	0	0	0	0	0	0	0	3.75486E-10	0	3.75486E-10	0.000375486
2404503812920	240450	3812920	0	6.68659E-07	0	0	3.63941E-05	0	0	0	0	0	0	0	0	3.48727E-10	0	3.48727E-10	0.000348727
2404703812920	240470	3812920	0	6.2584E-07	0	0	3.40635E-05	0	0	0	0	0	0	0	0	3.26396E-10	0	3.26396E-10	0.000326396
2404903812920	240490	3812920	0	5.89679E-07	0	0	3.20954E-05	0	0	0	0	0	0	0	0	3.07536E-10	0	3.07536E-10	0.000307536
2405503812920	240550	3812920	0	4.91121E-07	0	0	2.6731E-05	0	0	0	0	0	0	0	0	2.56135E-10	0	2.56135E-10	0.000256135
2405703812920	240570	3812920	0	4.59882E-07	0	0	2.50307E-05	0	0	0	0	0	0	0	0	2.39843E-10	0	2.39843E-10	0.000239843
2405903812920	240590	3812920	0	4.3325E-07	0	0	2.35811E-05	0	0	0	0	0	0	0	0	2.25954E-10	0	2.25954E-10	0.000225954
2406103812920	240610	3812920	0	4.0752E-07	0	0	2.21807E-05	0	0	0	0	0	0	0	0	2.12535E-10	0	2.12535E-10	0.000212535
2406303812920	240630	3812920	0	3.83937E-07	0	0	2.08971E-05	0	0	0	0	0	0	0	0	2.00235E-10	0	2.00235E-10	0.000200235
2406503812920	240650	3812920	0	3.61433E-07	0	0	1.96723E-05	0	0	0	0	0	0	0	0	1.88499E-10	0	1.88499E-10	0.000188499
2403503812940	240350	3812940	0	1.26338E-06	0	0	6.87641E-05	0	0	0	0	0	0	0	0	6.58894E-10	0	6.58894E-10	0.000658894
2403703812940	240370	3812940	0	1.14797E-06	0	0	6.24822E-05	0	0	0	0	0	0	0	0	5.98702E-10	0	5.98702E-10	0.000598702
2403903812940	240390	3812940	0	1.04899E-06	0	0	5.70948E-05	0	0	0	0	0	0	0	0	5.4708E-10	0	5.4708E-10	0.00054708
2404103812940	240410	3812940	0	9.55378E-07	0	0	5.19998E-05	0	0	0	0	0	0	0	0	4.9826E-10	0	4.9826E-10	0.00049826
2404303812940	240430	3812940	0	8.85312E-07	0	0	4.81862E-05	0	0	0	0	0	0	0	0	4.61718E-10	0	4.61718E-10	0.000461718
2404503812940	240450	3812940	0	8.2029E-07	0	0	4.46472E-05	0	0	0	0	0	0	0	0	4.27807E-10	0	4.27807E-10	0.000427807
2404703812940	240470	3812940	0	7.58139E-07	0	0	4.12644E-05	0	0	0	0	0	0	0	0	3.95394E-10	0	3.95394E-10	0.000395394
2404903812940	240490	3812940	0	7.0992E-07	0	0	3.86399E-05	0	0	0	0	0	0	0	0	3.70246E-10	0	3.70246E-10	0.000370246
2405703812940	240570	3812940	0	5.36196E-07	0	0	2.91844E-05	0	0	0	0	0	0	0	0	2.79643E-10	0	2.79643E-10	0.000279643
2405903812940	240590	3812940	0	5.03781E-07	0	0	2.742E-05	0	0	0	0	0	0	0	0	2.62738E-10	0	2.62738E-10	0.000262738
2406103812940	240610	3812940	0	4.72678E-07	0	0	2.57272E-05	0	0	0	0	0	0	0	0	2.46517E-10	0	2.46517E-10	0.000246517
2406303812940	240630	3812940	0	4.42464E-07	0	0	2.40827E-05	0	0	0	0	0	0	0	0	2.30759E-10	0	2.30759E-10	0.000230759
2406503812940	240650	3812940	0	4.13918E-07	0	0	2.2529E-05	0	0	0	0	0	0	0	0	2.15872E-10	0	2.15872E-10	0.000215872
2403703812960	240370	3812960	0	1.51882E-06	0	0	8.26672E-05	0	0	0	0	0	0	0	0	7.92114E-10	0	7.92114E-10	0.000792114
2403903812960	240390	3812960	0	1.37868E-06	0	0	7.50392E-05	0	0	0	0	0	0	0	0	7.19023E-10	0	7.19023E-10	0.000719023
2404103812960	240410	3812960	0	1.24371E-06	0	0	6.76933E-05	0	0	0	0	0	0	0	0	6.48634E-10	0	6.48634E-10	0.000648634
2404303812960	240430	3812960	0	1.13041E-06	0	0	6.15268E-05	0	0	0	0	0	0	0	0	5.89547E-10	0	5.89547E-10	0.000589547
2404503812960	240450	3812960	0	1.03891E-06	0	0	5.65464E-05	0	0	0	0	0	0	0	0	5.41825E-10	0	5.41825E-10	0.000541825
2404703812960	240470	3812960	0	9.50183E-07	0	0	5.1717E-05	0	0	0	0	0	0	0	0	4.95551E-10	0	4.95551E-10	0.000495551
2404903812960	240490	3812960	0	8.73568E-07	0	0	4.7547E-05	0	0	0	0	0	0	0	0	4.55593E-10	0	4.55593E-10	0.000455593
2405103812960	240510	3812960	0	8.09462E-07	0	0	4.40578E-05	0	0	0	0	0	0	0	0	4.2216E-10	0	4.2216E-10	0.00042216
2405703812960	240570	3812960	0	6.38281E-07	0	0	3.47407E-05	0	0	0	0	0	0	0	0	3.32884E-10	0	3.32884E-10	0.000332884
2405903812960	240590	3812960	0	5.93986E-07	0	0	3.23297E-05	0	0	0	0	0	0	0	0	3.09782E-10	0	3.09782E-10	0.000309782
2406103812960	240610	3812960	0	5.52821E-07	0	0	3.00892E-05	0	0	0	0	0	0	0	0	2.88314E-10	0	2.88314E-10	0.000288314
2406303812960	240630	3812960	0	5.14773E-07	0	0	2.80183E-05	0	0	0	0	0	0	0	0	2.6847E-10	0	2.6847E-10	0.00026847
2406503812960	240650	3812960	0	4.78913E-07	0	0	2.60665E-05	0	0	0	0	0	0	0	0	2.49768E-10	0	2.49768E-10	0.000249768
2403703812980	240370	3812980	0	2.17401E-06	0	0	0.000118328	0	0	0	0	0	0	0	0	1.13382E-09	0	1.13382E-09	0.001133818
2403903812980	240390	3812980	0	1.91084E-06	0	0	0.000104004	0	0	0	0	0	0	0	0	9.96563E-10	0	9.96563E-10	0.000996563

2404103812980	240410	3812980	0	1.68947E-06	0	0	9.19553E-05	0	0	0	0	0	0	0	0	8.81112E-10	0	8.81112E-10	0.000881112
2404303812980	240430	3812980	0	1.49611E-06	0	0	8.14312E-05	0	0	0	0	0	0	0	0	7.80271E-10	0	7.80271E-10	0.000780271
2404503812980	240450	3812980	0	1.34518E-06	0	0	7.32161E-05	0	0	0	0	0	0	0	0	7.01554E-10	0	7.01554E-10	0.000701554
2404703812980	240470	3812980	0	1.21488E-06	0	0	6.61239E-05	0	0	0	0	0	0	0	0	6.33597E-10	0	6.33597E-10	0.000633597
2404903812980	240490	3812980	0	1.09907E-06	0	0	5.98205E-05	0	0	0	0	0	0	0	0	5.73198E-10	0	5.73198E-10	0.000573198
2405103812980	240510	3812980	0	9.99113E-07	0	0	5.43802E-05	0	0	0	0	0	0	0	0	5.21069E-10	0	5.21069E-10	0.000521069
2405303812980	240530	3812980	0	9.09223E-07	0	0	4.94876E-05	0	0	0	0	0	0	0	0	4.74189E-10	0	4.74189E-10	0.000474189
2405503812980	240550	3812980	0	8.32895E-07	0	0	4.53332E-05	0	0	0	0	0	0	0	0	4.34381E-10	0	4.34381E-10	0.000434381
2405703812980	240570	3812980	0	7.63758E-07	0	0	4.15702E-05	0	0	0	0	0	0	0	0	3.98324E-10	0	3.98324E-10	0.000398324
2405903812980	240590	3812980	0	7.0292E-07	0	0	3.82589E-05	0	0	0	0	0	0	0	0	3.66595E-10	0	3.66595E-10	0.000366595
2406103812980	240610	3812980	0	6.49314E-07	0	0	3.53412E-05	0	0	0	0	0	0	0	0	3.38638E-10	0	3.38638E-10	0.000338638
2406303812980	240630	3812980	0	6.02667E-07	0	0	3.28023E-05	0	0	0	0	0	0	0	0	3.1431E-10	0	3.1431E-10	0.00031431
2406503812980	240650	3812980	0	5.58289E-07	0	0	3.03869E-05	0	0	0	0	0	0	0	0	2.91166E-10	0	2.91166E-10	0.000291166
2403903813000	240390	3813000	0	2.73189E-06	0	0	0.000148693	0	0	0	0	0	0	0	0	1.42477E-09	0	1.42477E-09	0.001424769
2404103813000	240410	3813000	0	2.3391E-06	0	0	0.000127314	0	0	0	0	0	0	0	0	1.21991E-09	0	1.21991E-09	0.001219914
2404303813000	240430	3813000	0	2.01828E-06	0	0	0.000109852	0	0	0	0	0	0	0	0	1.0526E-09	0	1.0526E-09	0.001052598
2404503813000	240450	3813000	0	1.76018E-06	0	0	9.58039E-05	0	0	0	0	0	0	0	0	9.17989E-10	0	9.17989E-10	0.000917989
2404703813000	240470	3813000	0	1.55753E-06	0	0	8.47738E-05	0	0	0	0	0	0	0	0	8.12299E-10	0	8.12299E-10	0.000812299
2404903813000	240490	3813000	0	1.38451E-06	0	0	7.5357E-05	0	0	0	0	0	0	0	0	7.22067E-10	0	7.22067E-10	0.000722067
2405103813000	240510	3813000	0	1.23553E-06	0	0	6.72483E-05	0	0	0	0	0	0	0	0	6.4437E-10	0	6.4437E-10	0.00064437
2405303813000	240530	3813000	0	1.10865E-06	0	0	6.03421E-05	0	0	0	0	0	0	0	0	5.78196E-10	0	5.78196E-10	0.000578196
2405503813000	240550	3813000	0	1.00543E-06	0	0	5.4724E-05	0	0	0	0	0	0	0	0	5.24363E-10	0	5.24363E-10	0.000524363
2405703813000	240570	3813000	0	9.1435E-07	0	0	4.97667E-05	0	0	0	0	0	0	0	0	4.76862E-10	0	4.76862E-10	0.000476862
2405903813000	240590	3813000	0	8.3537E-07	0	0	4.54679E-05	0	0	0	0	0	0	0	0	4.35672E-10	0	4.35672E-10	0.000435672
2406103813000	240610	3813000	0	7.67094E-07	0	0	4.17518E-05	0	0	0	0	0	0	0	0	4.00064E-10	0	4.00064E-10	0.000400064
2406303813000	240630	3813000	0	7.07254E-07	0	0	3.84948E-05	0	0	0	0	0	0	0	0	3.68855E-10	0	3.68855E-10	0.000368855
2406503813000	240650	3813000	0	6.51133E-07	0	0	3.54402E-05	0	0	0	0	0	0	0	0	3.39586E-10	0	3.39586E-10	0.000339586
2403903813020	240390	3813020	0	3.92633E-06	0	0	0.000213704	0	0	0	0	0	0	0	0	2.04771E-09	0	2.04771E-09	0.002047707
2404103813020	240410	3813020	0	3.20874E-06	0	0	0.000174647	0	0	0	0	0	0	0	0	1.67346E-09	0	1.67346E-09	0.001673461
2404303813020	240430	3813020	0	2.70104E-06	0	0	0.000147013	0	0	0	0	0	0	0	0	1.40868E-09	0	1.40868E-09	0.001408677
2404503813020	240450	3813020	0	2.30105E-06	0	0	0.000125243	0	0	0	0	0	0	0	0	1.20007E-09	0	1.20007E-09	0.001200071
2404703813020	240470	3813020	0	1.98975E-06	0	0	0.000108299	0	0	0	0	0	0	0	0	1.03772E-09	0	1.03772E-09	0.001037718
2404903813020	240490	3813020	0	1.7403E-06	0	0	9.47219E-05	0	0	0	0	0	0	0	0	9.07622E-10	0	9.07622E-10	0.000907622
2405103813020	240510	3813020	0	1.5329E-06	0	0	8.34336E-05	0	0	0	0	0	0	0	0	7.99458E-10	0	7.99458E-10	0.000799458
2405303813020	240530	3813020	0	1.36208E-06	0	0	7.41359E-05	0	0	0	0	0	0	0	0	7.10367E-10	0	7.10367E-10	0.000710367
2405503813020	240550	3813020	0	1.22035E-06	0	0	6.64216E-05	0	0	0	0	0	0	0	0	6.36449E-10	0	6.36449E-10	0.000636449
2405703813020	240570	3813020	0	1.09986E-06	0	0	5.98636E-05	0	0	0	0	0	0	0	0	5.73611E-10	0	5.73611E-10	0.000573611
2405903813020	240590	3813020	0	9.9627E-07	0	0	5.42255E-05	0	0	0	0	0	0	0	0	5.19586E-10	0	5.19586E-10	0.000519586
2406103813020	240610	3813020	0	9.0653E-07	0	0	4.93411E-05	0	0	0	0	0	0	0	0	4.72784E-10	0	4.72784E-10	0.000472784
2406303813020	240630	3813020	0	8.28821E-07	0	0	4.51115E-05	0	0	0	0	0	0	0	0	4.32256E-10	0	4.32256E-10	0.000432256
2406503813020	240650	3813020	0	7.57456E-07	0	0	4.12272E-05	0	0	0	0	0	0	0	0	3.95037E-10	0	3.95037E-10	0.000395037
2404103813040	240410	3813040	0	4.29057E-06	0	0	0.000233529	0	0	0	0	0	0	0	0	2.23767E-09	0	2.23767E-09	0.002237667
2404303813040	240430	3813040	0	3.53538E-06	0	0	0.000192426	0	0	0	0	0	0	0	0	1.84381E-09	0	1.84381E-09	0.001843814
2404503813040	240450	3813040	0	2.96155E-06	0	0	0.000161193	0	0	0	0	0	0	0	0	1.54454E-09	0	1.54454E-09	0.001544541
2404703813040	240470	3813040	0	2.50723E-06	0	0	0.000136465	0	0	0	0	0	0	0	0	1.3076E-09	0	1.3076E-09	0.0013076
2404903813040	240490	3813040	0	2.15842E-06	0	0	0.000117479	0	0	0	0	0	0	0	0	1.12568E-09	0	1.12568E-09	0.001125682
2405103813040	240510	3813040	0	1.8793E-06	0	0	0.000102287	0	0	0	0	0	0	0	0	9.80114E-10	0	9.80114E-10	0.000980114
2405303813040	240530	3813040	0	1.65314E-06	0	0	8.99782E-05	0	0	0	0	0	0	0	0	8.62167E-10	0	8.62167E-10	0.000862167
2405503813040	240550	3813040	0	1.46612E-06	0	0	7.97986E-05	0	0	0	0	0	0	0	0	7.64627E-10	0	7.64627E-10	0.000764627
2405703813040	240570	3813040	0	1.30985E-06	0	0	7.12933E-05	0	0	0	0	0	0	0	0	6.8313E-10	0	6.8313E-10	0.00068313
2405903813040	240590	3813040	0	1.17686E-06	0	0	6.40545E-05	0	0	0	0	0	0	0	0	6.13768E-10	0	6.13768E-10	0.000613768
2406103813040	240610	3813040	0	1.0624E-06	0	0	5.78248E-05	0	0	0	0	0	0	0	0	5.54075E-10	0	5.54075E-10	0.000554075
2406303813040	240630	3813040	0	9.64934E-07	0	0	5.25199E-05	0	0	0	0	0	0	0	0	5.03244E-10	0	5.03244E-10	0.000503244
2406503813040	240650	3813040	0	8.7771E-07	0	0	4.77725E-05	0	0	0	0	0	0	0	0	4.57754E-10	0	4.57754E-10	0.000457754
2404303813060	240430	3813060	0	4.52343E-06	0	0	0.000246204	0	0	0	0	0	0	0	0	2.35911E-09	0	2.35911E-09	0.002359115
2404503813060	240450	3813060	0	3.73045E-06	0	0	0.000203043	0	0	0	0	0	0	0	0	1.94555E-09	0	1.94555E-09	0.001945546
2404703813060	240470	3813060	0	3.12383E-06	0	0	0.000170025	0	0	0	0	0	0	0	0	1.62918E-09	0	1.62918E-09	0.001629176
2404903813060	240490	3813060	0	2.65077E-06	0	0	0.000144277	0	0	0	0	0	0	0	0	1.38246E-09	0	1.38246E-09	0.001382459
2405103813060	240510	3813060	0	2.28135E-06	0	0	0.00012417	0	0	0	0	0	0	0	0	1.1898E-09	0	1.1898E-09	0.001189796
2405303813060	240530	3813060	0	1.98665E-06	0	0	0.00010813	0	0	0	0	0	0	0	0	1.0361E-09	0	1.0361E-09	0.001036099
2405503813060	240550	3813060	0	1.74614E-06	0	0	9.50397E-05	0	0	0	0	0	0	0	0	9.10666E-10	0	9.10666E-10	0.000910666
2405703813060	240570	3813060	0	1.54503E-06	0	0	8.40937E-05	0	0	0	0	0	0	0	0	8.05782E-10	0	8.05782E-10	0.000805782
2405903813060	240590	3813060	0	1.37847E-06	0	0	7.50281E-05	0	0	0	0	0	0	0	0	7.18916E-10	0	7.18916E-10	0.000718916
2406103813060	240610	3813060	0	1.23742E-06	0	0	6.7351E-05	0	0	0	0	0	0	0	0	6.45354E-10	0	6.45354E-10	0.000645354
2406303813060	240630	3813060	0	1.11717E-06	0	0	6.08057E-05	0	0	0	0	0	0	0	0	5.82638E-10	0	5.82638E-10	0.000582638
2406503813060	240650	3813060	0	1.01209E-06	0	0	5.50864E-05	0	0	0	0	0	0	0	0	5.27836E-10	0	5.27836E-10	0.000527836
2405103813080	240510	3813080	0	2.74923E-06	0	0	0.000149636	0	0	0	0	0	0	0	0	1.43381E-09	0	1.43381E-09	0.0014338
2405303813080	240530	3813080	0	2.37283E-06	0	0	0.000129149	0	0	0	0	0	0	0	0	1.2375E-09	0	1.2375E-09	0.001237504
2405503813080	240550	3813080	0	2.06898E-06	0	0	0.000112611	0	0	0	0	0	0	0	0	1.07904E-09	0	1.07904E-09	0.001079037
2405703813080	240570	3813080	0	1.81845E-06	0	0	9.89753E-05	0	0	0	0	0	0	0	0	9.48377E-10	0	9.48377E-10	0.000948377
2405903813080	240590	3813080	0	1.60982E-06	0	0	8.762E-05	0	0	0	0	0	0	0	0	8.39572E-10	0	8.39572E-10	0.000839572
2406103813080	240610	3813080	0	1.43555E-06	0	0	7.81348E-05	0	0	0	0	0	0	0	0	7.48684E-10	0	7.48684E-10	0.000748684
2406303813080	240630	3813080	0	1.28694E-06	0	0	7.00462E-05	0	0	0	0	0	0	0	0	6.7118E-10	0	6.7118E-10	0.00067118
2406503813080	240650	3813080	0	1.15848E-06	0	0	6.30544E-05	0	0	0	0	0	0	0	0	6.04185E-10	0	6.04185E-10	0.000604185
2405303813100	240530	3813100	0	2.80382E-06	0	0	0.000152608	0	0	0	0	0	0	0	0	1.46228E-09	0	1.46228E-09	0.001462281
2405503813100	240550	3813100	0	2.42408E-06	0	0	0.000131939	0	0	0	0	0	0	0	0	1.26423E-09	0	1.26423E-09	0.001264235
2405703813100	240570	3813100	0	2.11575E-06	0	0	0.000115157	0	0	0	0	0	0	0	0	1.10343E-09	0	1.10343E-09	0.001103429
2405903813100	240590	3813100	0	1.86008E-06	0	0	0.000101241	0	0	0	0	0	0	0	0	9.70089E-10	0	9.70089E-10	0.000970089
2406103813100	240610	3813100	0	1.64863E-06	0	0	8.97326E-05	0	0	0	0	0	0	0	0	8.59814E-10	0	8.59814E-10	0.000859814
2406303813100	240630	3813100	0	1.46932E-06	0	0	7.99727E-05	0	0	0	0	0	0	0	0	7.66295E-10	0	7.66295E-10	0.000766295
2406503813100	240650	3813100	0	1.31596E-06	0	0	7.16259E-05	0	0	0	0	0	0	0	0	6.86317E-10	0	6.86317E-10	0.000686317
2404203813060	240420	3813060	0	5.02091E-06	0	0	0.000273281	0	0	0	0	0	0	0	0	2.61857E-09	0	2.61857E-09	0.002618565
2404403813080	240440	3813080	0	5.11463E-06	0	0	0.000278382	0	0	0	0	0	0	0	0	2.66744E-09	0	2.66744E-09	0.002667442
2404603813080	240460	3813080	0	4.20031E-06	0	0	0.000228616	0	0	0	0	0	0	0	0	2.19059E-09	0	2.19059E-09	0.002190594
2404803813080	240480	3813080	0	3.50621E-06	0	0	0.000190838	0	0	0	0	0	0	0	0	1.8286E-09	0	1.8286E-09	0.001828598
2404603813100	240460	3813100	0	5.13708E-06	0	0	0.000279604	0	0	0	0	0	0	0	0	2.67915E-09	0	2.67915E-09	0.00267915
2404803813100	240480	3813100	0	4.23566E-06	0	0	0.000230541	0	0	0	0	0	0	0	0	2.20903E-09	0	2.20903E-09	0.002209033
2405003813100	240500	3813100	0	3.55954E-06	0	0	0.00019374	0	0	0	0	0	0	0	0	1.85641E-09	0	1.85641E-09	0.001856413
2405203813100	240520	3813100	0	3.02661E-06	0	0	0.000164734	0	0	0	0	0	0	0	0	1.57847E-09	0	1.57847E-09	0.001578473
2405003813550	240500	3813550	0	9.06475E-07	0	0	4.93381E-05	0	0	0	0	0	0	0	0	4.72756E-10	0	4.72756E-10	0.000472756
2405203813550	240520	3813550	0	8.61209E-07	0	0	4.68743E-05	0	0	0	0	0	0	0	0	4.49148E-10	0	4.49148E-10	0.000449148

2405403813550	240540	3813550	0	8.30311E-07	0	0	4.51926E-05	0	0	0	0	0	0	0	4.33034E-10	0	4.33034E-10	0.000433034
2405603813550	240560	3813550	0	8.12046E-07	0	0	4.41984E-05	0	0	0	0	0	0	0	4.23508E-10	0	4.23508E-10	0.000423508
2405803813550	240580	3813550	0	7.99373E-07	0	0	4.35087E-05	0	0	0	0	0	0	0	4.16898E-10	0	4.16898E-10	0.000416898
2406003813550	240600	3813550	0	7.87806E-07	0	0	4.28791E-05	0	0	0	0	0	0	0	4.10866E-10	0	4.10866E-10	0.000410866
2406203813550	240620	3813550	0	7.73383E-07	0	0	4.20941E-05	0	0	0	0	0	0	0	4.03344E-10	0	4.03344E-10	0.000403344
2406403813550	240640	3813550	0	7.55692E-07	0	0	4.11312E-05	0	0	0	0	0	0	0	3.94117E-10	0	3.94117E-10	0.000394117
2406603813550	240660	3813550	0	7.35322E-07	0	0	4.00225E-05	0	0	0	0	0	0	0	3.83494E-10	0	3.83494E-10	0.000383494
2404603813570	240460	3813570	0	8.70929E-07	0	0	4.74034E-05	0	0	0	0	0	0	0	4.54217E-10	0	4.54217E-10	0.000454217
2404803813570	240480	3813570	0	8.24214E-07	0	0	4.48607E-05	0	0	0	0	0	0	0	4.29854E-10	0	4.29854E-10	0.000429854
2405003813570	240500	3813570	0	7.81272E-07	0	0	4.25234E-05	0	0	0	0	0	0	0	4.07458E-10	0	4.07458E-10	0.000407458
2405203813570	240520	3813570	0	7.46983E-07	0	0	4.06572E-05	0	0	0	0	0	0	0	3.89576E-10	0	3.89576E-10	0.000389576
2405403813570	240540	3813570	0	7.23427E-07	0	0	3.93751E-05	0	0	0	0	0	0	0	3.7729E-10	0	3.7729E-10	0.00037729
2405603813570	240560	3813570	0	7.07705E-07	0	0	3.85193E-05	0	0	0	0	0	0	0	3.69091E-10	0	3.69091E-10	0.000369091
2405803813570	240580	3813570	0	6.98149E-07	0	0	3.79992E-05	0	0	0	0	0	0	0	3.64107E-10	0	3.64107E-10	0.000364107
2406003813570	240600	3813570	0	6.89085E-07	0	0	3.75058E-05	0	0	0	0	0	0	0	3.59379E-10	0	3.59379E-10	0.000359379
2406203813570	240620	3813570	0	6.79022E-07	0	0	3.69582E-05	0	0	0	0	0	0	0	3.54132E-10	0	3.54132E-10	0.000354132
2406403813570	240640	3813570	0	6.66554E-07	0	0	3.62795E-05	0	0	0	0	0	0	0	3.47629E-10	0	3.47629E-10	0.000347629
2406603813570	240660	3813570	0	6.52172E-07	0	0	3.54967E-05	0	0	0	0	0	0	0	3.40128E-10	0	3.40128E-10	0.000340128
2404603813590	240460	3813590	0	7.57169E-07	0	0	4.12116E-05	0	0	0	0	0	0	0	3.94887E-10	0	3.94887E-10	0.000394887
2404803813590	240480	3813590	0	7.16496E-07	0	0	3.89978E-05	0	0	0	0	0	0	0	3.73675E-10	0	3.73675E-10	0.000373675
2405003813590	240500	3813590	0	6.81579E-07	0	0	3.70973E-05	0	0	0	0	0	0	0	3.55465E-10	0	3.55465E-10	0.000355465
2405203813590	240520	3813590	0	6.53511E-07	0	0	3.55696E-05	0	0	0	0	0	0	0	3.40827E-10	0	3.40827E-10	0.000340827
2405403813590	240540	3813590	0	6.34399E-07	0	0	3.45294E-05	0	0	0	0	0	0	0	3.30859E-10	0	3.30859E-10	0.000330859
2405603813590	240560	3813590	0	6.2152E-07	0	0	3.38284E-05	0	0	0	0	0	0	0	3.24142E-10	0	3.24142E-10	0.000324142
2405803813590	240580	3813590	0	6.14192E-07	0	0	3.34296E-05	0	0	0	0	0	0	0	3.20321E-10	0	3.20321E-10	0.000320321
2406003813590	240600	3813590	0	6.07698E-07	0	0	3.30761E-05	0	0	0	0	0	0	0	3.16934E-10	0	3.16934E-10	0.000316934
2406203813590	240620	3813590	0	6.01177E-07	0	0	3.27212E-05	0	0	0	0	0	0	0	3.13533E-10	0	3.13533E-10	0.000313533
2406403813590	240640	3813590	0	5.92783E-07	0	0	3.22643E-05	0	0	0	0	0	0	0	3.09155E-10	0	3.09155E-10	0.000309155
2406603813590	240660	3813590	0	5.82091E-07	0	0	3.16824E-05	0	0	0	0	0	0	0	3.03579E-10	0	3.03579E-10	0.000303579
2406803813590	240680	3813590	0	5.68064E-07	0	0	3.09189E-05	0	0	0	0	0	0	0	2.96264E-10	0	2.96264E-10	0.000296264
2404603813610	240460	3813610	0	6.6341E-07	0	0	3.61084E-05	0	0	0	0	0	0	0	3.45989E-10	0	3.45989E-10	0.000345989
2404803813610	240480	3813610	0	6.29696E-07	0	0	3.42734E-05	0	0	0	0	0	0	0	3.28406E-10	0	3.28406E-10	0.000328406
2405003813610	240500	3813610	0	6.00384E-07	0	0	3.2678E-05	0	0	0	0	0	0	0	3.13119E-10	0	3.13119E-10	0.000313119
2405203813610	240520	3813610	0	5.77375E-07	0	0	3.14256E-05	0	0	0	0	0	0	0	3.01119E-10	0	3.01119E-10	0.000301119
2405403813610	240540	3813610	0	5.61338E-07	0	0	3.05528E-05	0	0	0	0	0	0	0	2.92756E-10	0	2.92756E-10	0.000292756
2405603813610	240560	3813610	0	5.51016E-07	0	0	2.9991E-05	0	0	0	0	0	0	0	2.87372E-10	0	2.87372E-10	0.000287372
2405803813610	240580	3813610	0	5.44112E-07	0	0	2.96152E-05	0	0	0	0	0	0	0	2.83772E-10	0	2.83772E-10	0.000283772
2406003813610	240600	3813610	0	5.39505E-07	0	0	2.93644E-05	0	0	0	0	0	0	0	2.81369E-10	0	2.81369E-10	0.000281369
2406203813610	240620	3813610	0	5.34788E-07	0	0	2.91077E-05	0	0	0	0	0	0	0	2.78909E-10	0	2.78909E-10	0.000278909
2406403813610	240640	3813610	0	5.29155E-07	0	0	2.88011E-05	0	0	0	0	0	0	0	2.75971E-10	0	2.75971E-10	0.000275971
2406603813610	240660	3813610	0	5.21376E-07	0	0	2.83777E-05	0	0	0	0	0	0	0	2.71914E-10	0	2.71914E-10	0.000271914
2406803813610	240680	3813610	0	5.11779E-07	0	0	2.78554E-05	0	0	0	0	0	0	0	2.66909E-10	0	2.66909E-10	0.000266909
2404603813630	240460	3813630	0	5.86302E-07	0	0	3.19116E-05	0	0	0	0	0	0	0	3.05775E-10	0	3.05775E-10	0.000305775
2404803813630	240480	3813630	0	5.57278E-07	0	0	3.03318E-05	0	0	0	0	0	0	0	2.90638E-10	0	2.90638E-10	0.000290638
2405003813630	240500	3813630	0	5.32218E-07	0	0	2.89678E-05	0	0	0	0	0	0	0	2.77568E-10	0	2.77568E-10	0.000277568
2405203813630	240520	3813630	0	5.13296E-07	0	0	2.7938E-05	0	0	0	0	0	0	0	2.677E-10	0	2.677E-10	0.0002677
2405403813630	240540	3813630	0	4.99898E-07	0	0	2.72087E-05	0	0	0	0	0	0	0	2.60713E-10	0	2.60713E-10	0.000260713
2405603813630	240560	3813630	0	4.92078E-07	0	0	2.67831E-05	0	0	0	0	0	0	0	2.56634E-10	0	2.56634E-10	0.000256634
2405803813630	240580	3813630	0	4.86801E-07	0	0	2.64959E-05	0	0	0	0	0	0	0	2.53882E-10	0	2.53882E-10	0.000253882
2406003813630	240600	3813630	0	4.83493E-07	0	0	2.63158E-05	0	0	0	0	0	0	0	2.52157E-10	0	2.52157E-10	0.000252157
2406203813630	240620	3813630	0	4.80211E-07	0	0	2.61372E-05	0	0	0	0	0	0	0	2.50445E-10	0	2.50445E-10	0.000250445
2406403813630	240640	3813630	0	4.7596E-07	0	0	2.59058E-05	0	0	0	0	0	0	0	2.48228E-10	0	2.48228E-10	0.000248228
2406603813630	240660	3813630	0	4.70272E-07	0	0	2.55962E-05	0	0	0	0	0	0	0	2.45262E-10	0	2.45262E-10	0.000245262
2406803813630	240680	3813630	0	4.63409E-07	0	0	2.52227E-05	0	0	0	0	0	0	0	2.41683E-10	0	2.41683E-10	0.000241683
2404603813650	240460	3813650	0	5.21759E-07	0	0	2.83986E-05	0	0	0	0	0	0	0	2.72114E-10	0	2.72114E-10	0.000272114
2404803813650	240480	3813650	0	4.97314E-07	0	0	2.70681E-05	0	0	0	0	0	0	0	2.59365E-10	0	2.59365E-10	0.000259365
2405003813650	240500	3813650	0	4.76042E-07	0	0	2.59102E-05	0	0	0	0	0	0	0	2.48271E-10	0	2.48271E-10	0.000248271
2405203813650	240520	3813650	0	4.59964E-07	0	0	2.50351E-05	0	0	0	0	0	0	0	2.39886E-10	0	2.39886E-10	0.000239886
2405403813650	240540	3813650	0	4.49478E-07	0	0	2.44644E-05	0	0	0	0	0	0	0	2.34417E-10	0	2.34417E-10	0.000234417
2405603813650	240560	3813650	0	4.41918E-07	0	0	2.40529E-05	0	0	0	0	0	0	0	2.30474E-10	0	2.30474E-10	0.000230474
2405803813650	240580	3813650	0	4.38363E-07	0	0	2.38594E-05	0	0	0	0	0	0	0	2.2862E-10	0	2.2862E-10	0.00022862
2406003813650	240600	3813650	0	4.35724E-07	0	0	2.37158E-05	0	0	0	0	0	0	0	2.27244E-10	0	2.27244E-10	0.000227244
2406203813650	240620	3813650	0	4.33236E-07	0	0	2.35804E-05	0	0	0	0	0	0	0	2.25946E-10	0	2.25946E-10	0.000225946
2406403813650	240640	3813650	0	4.29832E-07	0	0	2.33951E-05	0	0	0	0	0	0	0	2.24171E-10	0	2.24171E-10	0.000224171
2406603813650	240660	3813650	0	4.25252E-07	0	0	2.31458E-05	0	0	0	0	0	0	0	2.21782E-10	0	2.21782E-10	0.000221782
2406803813650	240680	3813650	0	4.21164E-07	0	0	2.29233E-05	0	0	0	0	0	0	0	2.19651E-10	0	2.19651E-10	0.000219651
2404603813670	240460	3813670	0	4.67866E-07	0	0	2.54652E-05	0	0	0	0	0	0	0	2.44007E-10	0	2.44007E-10	0.000244007
2404803813670	240480	3813670	0	4.47085E-07	0	0	2.43342E-05	0	0	0	0	0	0	0	2.33169E-10	0	2.33169E-10	0.000233169
2405003813670	240500	3813670	0	4.29504E-07	0	0	2.33772E-05	0	0	0	0	0	0	0	2.24E-10	0	2.24E-10	0.000224
2405203813670	240520	3813670	0	4.15887E-07	0	0	2.26361E-05	0	0	0	0	0	0	0	2.16898E-10	0	2.16898E-10	0.000216898
2405403813670	240540	3813670	0	4.05893E-07	0	0	2.20922E-05	0	0	0	0	0	0	0	2.11686E-10	0	2.11686E-10	0.000211686
2405603813670	240560	3813670	0	3.99645E-07	0	0	2.17521E-05	0	0	0	0	0	0	0	2.08428E-10	0	2.08428E-10	0.000208428
2405803813670	240580	3813670	0	3.96583E-07	0	0	2.15854E-05	0	0	0	0	0	0	0	2.06831E-10	0	2.06831E-10	0.000206831
2406003813670	240600	3813670	0	3.94368E-07	0	0	2.14649E-05	0	0	0	0	0	0	0	2.05675E-10	0	2.05675E-10	0.000205675
2406203813670	240620	3813670	0	3.92659E-07	0	0	2.13718E-05	0	0	0	0	0	0	0	2.04784E-10	0	2.04784E-10	0.000204784
2406403813670	240640	3813670	0	3.90007E-07	0	0	2.12275E-05	0	0	0	0	0	0	0	2.03401E-10	0	2.03401E-10	0.000203401
2406603813670	240660	3813670	0	3.86917E-07	0	0	2.10593E-05	0	0	0	0	0	0	0	2.0179E-10	0	2.0179E-10	0.00020179
2406803813670	240680	3813670	0	3.83527E-07	0	0	2.08748E-05	0	0	0	0	0	0	0	2.00021E-10	0	2.00021E-10	0.000200021
2404603813690	240460	3813690	0	4.21889E-07	0	0	2.29628E-05	0	0	0	0	0	0	0	2.20028E-10	0	2.20028E-10	0.000220028
2404803813690	240480	3813690	0	4.0346E-07	0	0	2.19597E-05	0	0	0	0	0	0	0	2.10417E-10	0	2.10417E-10	0.000210417
2405003813690	240500	3813690	0	3.88462E-07	0	0	2.11434E-05	0	0	0	0	0	0	0	2.02595E-10	0	2.02595E-10	0.000202595
2405203813690	240520	3813690	0	3.75857E-07	0	0	2.04573E-05	0	0	0	0	0	0	0	1.96021E-10	0	1.96021E-10	0.000196021
2405403813690	240540	3813690	0	3.68994E-07	0	0	2.00838E-05	0	0	0	0	0	0	0	1.92442E-10	0	1.92442E-10	0.000192442
2405603813690	240560	3813690	0	3.63935E-07	0	0	1.98085E-05	0	0	0	0	0	0	0	1.89804E-10	0	1.89804E-10	0.000189804
2405803813690	240580	3813690	0	3.62377E-07	0	0	1.97236E-05	0	0	0	0	0	0	0	1.88991E-10	0	1.88991E-10	0.000188991
2406003813690	240600	3813690	0	3.59519E-07	0	0	1.95681E-05	0	0	0	0	0	0	0	1.87501E-10	0	1.87501E-10	0.000187501
2406203813690	240620	3813690	0	3.57865E-07	0	0	1.94781E-05	0	0	0	0	0	0	0	1.86638E-10	0	1.86638E-10	0.000186638
2406403813690	240640	3813690	0	3.56047E-07	0	0	1.93791E-05	0	0	0	0	0	0	0	1.8569E-10	0	1.8569E-10	0.00018569
2406603813690	240660	3813690	0	3.536E-07	0	0	1.92459E-05	0	0	0	0	0	0	0	1.84413E-10	0	1.84413E-10	0.000184413
2406803813690	240680	3813690	0	3.50018E-07	0	0	1.90509E-05	0	0	0	0	0	0	0	1.82545E-10	0	1.82545E-10	0.000182545
2404603813710	240460	3813710	0	3.82146E-07	0	0	2.07996E-05	0	0	0	0	0	0	0	1.99301E-10	0	1.99301E-10	0.000199301

2404803813710	240480	3813710	0	3.66177E-07	0	0	1.99305E-05	0	0	0	0	0	0	0	0	1.90973E-10	0	1.90973E-10	0.000190973
2405003813710	240500	3813710	0	3.53107E-07	0	0	1.92191E-05	0	0	0	0	0	0	0	0	1.84157E-10	0	1.84157E-10	0.000184157
2405203813710	240520	3813710	0	3.42539E-07	0	0	1.86439E-05	0	0	0	0	0	0	0	0	1.78645E-10	0	1.78645E-10	0.000178645
2405403813710	240540	3813710	0	3.36661E-07	0	0	1.83239E-05	0	0	0	0	0	0	0	0	1.75579E-10	0	1.75579E-10	0.000175579
2405603813710	240560	3813710	0	3.32436E-07	0	0	1.8094E-05	0	0	0	0	0	0	0	0	1.73376E-10	0	1.73376E-10	0.000173376
2405803813710	240580	3813710	0	3.30973E-07	0	0	1.80144E-05	0	0	0	0	0	0	0	0	1.72613E-10	0	1.72613E-10	0.000172613

Sywest Industrial Building Project

Cancer Risk Summary & Maximum Annual GLC for Chronic Calculations

Cancer Risk Summary

Max Risk: 0.262685

XY	X	Y	Offroad Risk	Haul Risk	Total Risk
4000238129(	240002	3812965	0.037794132	0.000174	0.0379681
3989538130(	239895	3813066	0.022875556	0.000118	0.0229934
3990538130(	239905	3813061	0.024420397	0.000123	0.0245436
3991838130(	239918	3813065	0.027960066	0.000133	0.0280933
3993338130(	239933	3813063	0.032106032	0.000145	0.0322509
3994238130(	239942	3813062	0.0350888	0.000153	0.0352414
3995738130(	239957	3813062	0.041329064	0.000167	0.0414964
4051038127:	240510	3812720	0.008463807	9.48E-05	0.0085586
4053038127:	240530	3812720	0.008087578	9.23E-05	0.0081798
4055038127:	240550	3812720	0.007742475	9.01E-05	0.0078326
4057038127:	240570	3812720	0.007408876	8.78E-05	0.0074966
4059038127:	240590	3812720	0.00708272	8.52E-05	0.007168
4061038127:	240610	3812720	0.006772805	8.26E-05	0.0068554
4063038127:	240630	3812720	0.006479806	8E-05	0.0065598
4065038127:	240650	3812720	0.006207107	7.74E-05	0.0062845
4051038127(	240510	3812740	0.009261603	0.000103	0.0093651
4053038127(	240530	3812740	0.008826503	0.0001	0.0089269
4055038127(	240550	3812740	0.00843065	9.77E-05	0.0085284
4057038127(	240570	3812740	0.008052391	9.49E-05	0.0081473
4059038127(	240590	3812740	0.007684958	9.18E-05	0.0077768
4061038127(	240610	3812740	0.007347299	8.89E-05	0.0074362
4063038127(	240630	3812740	0.00702994	8.59E-05	0.0071158
4065038127(	240650	3812740	0.006726791	8.28E-05	0.0068096
4055038127(	240550	3812760	0.009264986	0.000106	0.0093713
4057038127(	240570	3812760	0.00883733	0.000103	0.0089402
4059038127(	240590	3812760	0.008419147	9.91E-05	0.0085182
4061038127(	240610	3812760	0.008046301	9.56E-05	0.0081419
4063038127(	240630	3812760	0.007702551	9.23E-05	0.0077948
4065038127(	240650	3812760	0.007367599	8.87E-05	0.0074563
4055038127:	240550	3812780	0.010299617	0.000116	0.0104154
4057038127:	240570	3812780	0.009819857	0.000112	0.0099316
4059038127:	240590	3812780	0.009344156	0.000107	0.0094514
4061038127:	240610	3812780	0.00893071	0.000103	0.009034
4063038127:	240630	3812780	0.008553128	9.94E-05	0.0086525
4065038127:	240650	3812780	0.008182312	9.54E-05	0.0082777
4055038128(	240550	3812800	0.011631983	0.000127	0.0117587
4057038128(	240570	3812800	0.011079142	0.000122	0.011201
4059038128(	240590	3812800	0.010535775	0.000117	0.0106524
4061038128(	240610	3812800	0.010064812	0.000112	0.0101768
4063038128(	240630	3812800	0.009641892	0.000108	0.0097494
4065038128(	240650	3812800	0.009218296	0.000103	0.0093212
4031038128:	240310	3812820	0.026664916	0.0002	0.0268651
4033038128:	240330	3812820	0.025402924	0.000201	0.0256036
4035038128:	240350	3812820	0.024080031	0.000199	0.0242795
4037038128:	240370	3812820	0.022740222	0.000196	0.0229366
4039038128:	240390	3812820	0.021391616	0.000192	0.0215831
4041038128:	240410	3812820	0.020063309	0.000185	0.0202484
4043038128:	240430	3812820	0.018865601	0.000179	0.0190444
4055038128:	240550	3812820	0.013352082	0.000139	0.0134912
4057038128:	240570	3812820	0.012709244	0.000133	0.0128426
4059038128:	240590	3812820	0.012076556	0.000127	0.012204
4061038128:	240610	3812820	0.011528452	0.000122	0.0116505
4063038128:	240630	3812820	0.011029745	0.000117	0.0111466

Max GLC for Chronic Calcs

Max GLC: 0.015915

XY	X	Y	2027	2028	Max
2400023812965	240002	3812965	0.0022909	0.0003404	0.0022909
2398953813066	239895	3813066	0.0013879	0.000206	0.0013879
2399053813061	239905	3813061	0.0014814	0.0002199	0.0014814
2399183813065	239918	3813065	0.0016953	0.0002518	0.0016953
2399333813063	239933	3813063	0.0019458	0.0002891	0.0019458
2399423813062	239942	3813062	0.0021259	0.000316	0.0021259
2399573813062	239957	3813062	0.0025027	0.0003722	0.0025027
2405103812720	240510	3812720	0.000519	7.622E-05	0.000519
2405303812720	240530	3812720	0.0004961	7.284E-05	0.0004961
2405503812720	240550	3812720	0.0004751	6.973E-05	0.0004751
2405703812720	240570	3812720	0.0004548	6.672E-05	0.0004548
2405903812720	240590	3812720	0.0004349	6.379E-05	0.0004349
2406103812720	240610	3812720	0.000416	6.099E-05	0.000416
2406303812720	240630	3812720	0.0003981	5.836E-05	0.0003981
2406503812720	240650	3812720	0.0003814	5.59E-05	0.0003814
2405103812740	240510	3812740	0.0005679	8.341E-05	0.0005679
2405303812740	240530	3812740	0.0005414	7.949E-05	0.0005414
2405503812740	240550	3812740	0.0005173	7.593E-05	0.0005173
2405703812740	240570	3812740	0.0004942	7.252E-05	0.0004942
2405903812740	240590	3812740	0.0004718	6.921E-05	0.0004718
2406103812740	240610	3812740	0.0004512	6.617E-05	0.0004512
2406303812740	240630	3812740	0.0004318	6.331E-05	0.0004318
2406503812740	240650	3812740	0.0004132	6.058E-05	0.0004132
2405503812760	240550	3812760	0.0005684	8.344E-05	0.0005684
2405703812760	240570	3812760	0.0005423	7.959E-05	0.0005423
2405903812760	240590	3812760	0.0005167	7.582E-05	0.0005167
2406103812760	240610	3812760	0.0004939	7.246E-05	0.0004939
2406303812760	240630	3812760	0.0004729	6.937E-05	0.0004729
2406503812760	240650	3812760	0.0004524	6.635E-05	0.0004524
2405503812780	240550	3812780	0.0006316	9.276E-05	0.0006316
2405703812780	240570	3812780	0.0006023	8.844E-05	0.0006023
2405903812780	240590	3812780	0.0005732	8.415E-05	0.0005732
2406103812780	240610	3812780	0.0005479	8.043E-05	0.0005479
2406303812780	240630	3812780	0.0005248	7.703E-05	0.0005248
2406503812780	240650	3812780	0.0005021	7.369E-05	0.0005021
2405503812800	240550	3812800	0.0007128	0.0001048	0.0007128
2405703812800	240570	3812800	0.0006791	9.978E-05	0.0006791
2405903812800	240590	3812800	0.0006459	9.488E-05	0.0006459
2406103812800	240610	3812800	0.000617	9.064E-05	0.000617
2406303812800	240630	3812800	0.0005911	8.683E-05	0.0005911
2406503812800	240650	3812800	0.0005652	8.302E-05	0.0005652
2403103812820	240310	3812820	0.0016245	0.0002401	0.0016245
2403303812820	240330	3812820	0.0015487	0.0002288	0.0015487
2403503812820	240350	3812820	0.001469	0.0002169	0.001469
2403703812820	240370	3812820	0.0013881	0.0002048	0.0013881
2403903812820	240390	3812820	0.0013065	0.0001926	0.0013065
2404103812820	240410	3812820	0.001226	0.0001807	0.001226
2404303812820	240430	3812820	0.0011533	0.0001699	0.0011533
2405503812820	240550	3812820	0.0008176	0.0001202	0.0008176
2405703812820	240570	3812820	0.0007783	0.0001145	0.0007783
2405903812820	240590	3812820	0.0007396	0.0001088	0.0007396
2406103812820	240610	3812820	0.0007061	0.0001038	0.0007061
2406303812820	240630	3812820	0.0006756	9.933E-05	0.0006756

4065038128	240650	3812820	0.010528332	0.000112	0.0106399
4029038128	240290	3812840	0.036941526	0.000241	0.0371821
4031038128	240310	3812840	0.03424702	0.000239	0.0344863
4033038128	240330	3812840	0.031984231	0.000238	0.0322226
4035038128	240350	3812840	0.029756628	0.000234	0.0299906
4037038128	240370	3812840	0.027769921	0.000229	0.0279986
4039038128	240390	3812840	0.025913811	0.000222	0.0261355
4041038128	240410	3812840	0.024092888	0.000212	0.0243052
4043038128	240430	3812840	0.022485117	0.000203	0.0226884
4045038128	240450	3812840	0.021076287	0.000195	0.021271
4055038128	240550	3812840	0.015591188	0.000154	0.0157448
4057038128	240570	3812840	0.014827902	0.000147	0.0149749
4059038128	240590	3812840	0.014084917	0.00014	0.0142252
4061038128	240610	3812840	0.013400125	0.000134	0.0135339
4063038128	240630	3812840	0.012808038	0.000128	0.012936
4065038128	240650	3812840	0.012208507	0.000122	0.0123304
4031038128	240310	3812860	0.045008804	0.00029	0.045299
4033038128	240330	3812860	0.041273577	0.000287	0.041561
4035038128	240350	3812860	0.037848943	0.00028	0.0381288
4037038128	240370	3812860	0.0347349	0.000269	0.035004
4039038128	240390	3812860	0.032091822	0.000258	0.0323501
4041038128	240410	3812860	0.029672721	0.000246	0.0299188
4043038128	240430	3812860	0.027369331	0.000232	0.0276016
4045038128	240450	3812860	0.025499688	0.000221	0.0257206
4057038128	240570	3812860	0.017528498	0.000163	0.0176914
4059038128	240590	3812860	0.016575745	0.000155	0.0167306
4061038128	240610	3812860	0.015745469	0.000148	0.015893
4063038128	240630	3812860	0.014999777	0.000141	0.0151405
4065038128	240650	3812860	0.014262881	0.000134	0.0143967
4031038128	240310	3812880	0.061587932	0.000365	0.0619528
4033038128	240330	3812880	0.054777233	0.000352	0.0551294
4035038128	240350	3812880	0.049481602	0.000339	0.0498209
4037038128	240370	3812880	0.044696858	0.000321	0.0450181
4039038128	240390	3812880	0.04068961	0.000303	0.0409929
4041038128	240410	3812880	0.037271065	0.000286	0.0375573
4043038128	240430	3812880	0.034115069	0.000268	0.0343834
4045038128	240450	3812880	0.031454397	0.000253	0.0317071
4047038128	240470	3812880	0.029221381	0.000239	0.0294607
4055038128	240550	3812880	0.022240162	0.000192	0.0224321
4057038128	240570	3812880	0.020968696	0.000183	0.0211512
4059038128	240590	3812880	0.019746627	0.000173	0.0199196
4061038128	240610	3812880	0.018690343	0.000164	0.0188548
4063038128	240630	3812880	0.017728793	0.000156	0.0178852
4065038128	240650	3812880	0.016799723	0.000148	0.0169482
4033038129	240330	3812900	0.074681525	0.000439	0.0751207
4035038129	240350	3812900	0.066300948	0.000417	0.0667178
4037038129	240370	3812900	0.05907748	0.00039	0.0594671
4039038129	240390	3812900	0.052645041	0.00036	0.0530049
4041038129	240410	3812900	0.047678273	0.000337	0.0480148
4043038129	240430	3812900	0.043317802	0.000314	0.0436322
4045038129	240450	3812900	0.039445211	0.000293	0.0397384
4047038129	240470	3812900	0.036404249	0.000277	0.0366812
4055038129	240550	3812900	0.027056709	0.000219	0.0272762
4057038129	240570	3812900	0.02533255	0.000208	0.0255402
4059038129	240590	3812900	0.023740342	0.000196	0.0239365
4061038129	240610	3812900	0.022315949	0.000186	0.0225015
4063038129	240630	3812900	0.021055986	0.000176	0.0212319
4065038129	240650	3812900	0.019840008	0.000166	0.0200062
4035038129	240350	3812920	0.090133318	0.000519	0.090652
4037038129	240370	3812920	0.078892451	0.000477	0.0793698
4039038129	240390	3812920	0.069296573	0.000436	0.0697329

2406503812820	240650	3812820	0.0006449	9.482E-05	0.0006449
2402903812840	240290	3812840	0.0022467	0.0003327	0.0022467
2403103812840	240310	3812840	0.0020845	0.0003084	0.0020845
2403303812840	240330	3812840	0.0019484	0.000288	0.0019484
2403503812840	240350	3812840	0.001814	0.000268	0.001814
2403703812840	240370	3812840	0.001694	0.0002501	0.001694
2403903812840	240390	3812840	0.0015816	0.0002334	0.0015816
2404103812840	240410	3812840	0.0014712	0.000217	0.0014712
2404303812840	240430	3812840	0.0013735	0.0002025	0.0013735
2404503812840	240450	3812840	0.0012879	0.0001898	0.0012879
2405503812840	240550	3812840	0.0009537	0.0001404	0.0009537
2405703812840	240570	3812840	0.0009072	0.0001335	0.0009072
2405903812840	240590	3812840	0.0008618	0.0001268	0.0008618
2406103812840	240610	3812840	0.0008199	0.0001207	0.0008199
2406303812840	240630	3812840	0.0007837	0.0001153	0.0007837
2406503812840	240650	3812840	0.000747	0.0001099	0.000747
2403103812860	240310	3812860	0.002737	0.0004053	0.002737
2403303812860	240330	3812860	0.0025121	0.0003717	0.0025121
2403503812860	240350	3812860	0.0023054	0.0003409	0.0023054
2403703812860	240370	3812860	0.002117	0.0003128	0.002117
2403903812860	240390	3812860	0.001957	0.000289	0.001957
2404103812860	240410	3812860	0.0018102	0.0002672	0.0018102
2404303812860	240430	3812860	0.0016703	0.0002465	0.0016703
2404503812860	240450	3812860	0.0015567	0.0002296	0.0015567
2405703812860	240570	3812860	0.0010712	0.0001579	0.0010712
2405903812860	240590	3812860	0.0010131	0.0001493	0.0010131
2406103812860	240610	3812860	0.0009624	0.0001418	0.0009624
2406303812860	240630	3812860	0.0009168	0.0001351	0.0009168
2406503812860	240650	3812860	0.0008718	0.0001284	0.0008718
2403103812880	240310	3812880	0.0037417	0.0005547	0.0037417
2403303812880	240330	3812880	0.0033309	0.0004933	0.0033309
2403503812880	240350	3812880	0.0030111	0.0004456	0.0030111
2403703812880	240370	3812880	0.0027215	0.0004025	0.0027215
2403903812880	240390	3812880	0.0024787	0.0003664	0.0024787
2404103812880	240410	3812880	0.0022713	0.0003357	0.0022713
2404303812880	240430	3812880	0.0020797	0.0003072	0.0020797
2404503812880	240450	3812880	0.0019181	0.0002833	0.0019181
2404703812880	240470	3812880	0.0017824	0.0002632	0.0017824
2405503812880	240550	3812880	0.0013576	0.0002003	0.0013576
2405703812880	240570	3812880	0.0012801	0.0001888	0.0012801
2405903812880	240590	3812880	0.0012056	0.0001778	0.0012056
2406103812880	240610	3812880	0.0011412	0.0001683	0.0011412
2406303812880	240630	3812880	0.0010826	0.0001597	0.0010826
2406503812880	240650	3812880	0.0010259	0.0001513	0.0010259
2403303812900	240330	3812900	0.0045369	0.0006726	0.0045369
2403503812900	240350	3812900	0.0040306	0.0005971	0.0040306
2403703812900	240370	3812900	0.0035934	0.000532	0.0035934
2403903812900	240390	3812900	0.0032035	0.0004741	0.0032035
2404103812900	240410	3812900	0.0029024	0.0004294	0.0029024
2404303812900	240430	3812900	0.0026379	0.0003901	0.0026379
2404503812900	240450	3812900	0.0024028	0.0003552	0.0024028
2404703812900	240470	3812900	0.0022182	0.0003279	0.0022182
2405503812900	240550	3812900	0.0016501	0.0002437	0.0016501
2405703812900	240570	3812900	0.0015452	0.0002281	0.0015452
2405903812900	240590	3812900	0.0014482	0.0002138	0.0014482
2406103812900	240610	3812900	0.0013615	0.000201	0.0013615
2406303812900	240630	3812900	0.0012847	0.0001896	0.0012847
2406503812900	240650	3812900	0.0012105	0.0001787	0.0012105
2403503812920	240350	3812920	0.0054744	0.0008117	0.0054744
2403703812920	240370	3812920	0.0047941	0.0007105	0.0047941
2403903812920	240390	3812920	0.0042128	0.0006241	0.0042128

4041038129	240410	3812920	0.061675899	0.000403	0.0620788
4043038129	240430	3812920	0.055526985	0.000375	0.0559025
4045038129	240450	3812920	0.050087223	0.000349	0.050436
4047038129	240470	3812920	0.045627281	0.000326	0.0459537
4049038129	240490	3812920	0.041938068	0.000308	0.0422456
4055038129	240550	3812920	0.033138632	0.000256	0.0333948
4057038129	240570	3812920	0.030697202	0.00024	0.030937
4059038129	240590	3812920	0.028636737	0.000226	0.0288627
4061038129	240610	3812920	0.026735967	0.000213	0.0269485
4063038129	240630	3812920	0.025040905	0.0002	0.0252411
4065038129	240650	3812920	0.023475087	0.000188	0.0236636
4035038129	240350	3812940	0.122856474	0.000659	0.1235154
4037038129	240370	3812940	0.10545316	0.000599	0.1060519
4039038129	240390	3812940	0.091638235	0.000547	0.0921853
4041038129	240410	3812940	0.080089483	0.000498	0.0805877
4043038129	240430	3812940	0.07123862	0.000462	0.0717003
4045038129	240450	3812940	0.063772904	0.000428	0.0642007
4047038129	240470	3812940	0.057321518	0.000395	0.0577169
4049038129	240490	3812940	0.052225505	0.00037	0.0525958
4057038129	240570	3812940	0.036957766	0.00028	0.0372374
4059038129	240590	3812940	0.034328898	0.000263	0.0345916
4061038129	240610	3812940	0.031928744	0.000247	0.0321753
4063038129	240630	3812940	0.029703171	0.000231	0.0299339
4065038129	240650	3812940	0.027667744	0.000216	0.0278836
4037038129	240370	3812960	0.140137987	0.000792	0.1409301
4039038129	240390	3812960	0.120128135	0.000719	0.1208472
4041038129	240410	3812960	0.103800052	0.000649	0.1044487
4043038129	240430	3812960	0.09087901	0.00059	0.0914686
4045038129	240450	3812960	0.080680894	0.000542	0.0812227
4047038129	240470	3812960	0.071904465	0.000496	0.0724
4049038129	240490	3812960	0.064622126	0.000456	0.0650777
4051038129	240510	3812960	0.05861802	0.000422	0.0590402
4057038129	240570	3812960	0.044453933	0.000333	0.0447868
4059038129	240590	3812960	0.040951481	0.00031	0.0412613
4061038129	240610	3812960	0.037813079	0.000288	0.0381014
4063038129	240630	3812960	0.034997449	0.000268	0.0352659
4065038129	240650	3812960	0.032429481	0.00025	0.0326792
4037038129	240370	3812980	0.184003893	0.001134	0.1851377
4039038129	240390	3812980	0.15513438	0.000997	0.1561309
4041038129	240410	3812980	0.132749411	0.000881	0.1336305
4043038129	240430	3812980	0.11475604	0.00078	0.1155363
4045038129	240450	3812980	0.10070022	0.000702	0.1014018
4047038129	240470	3812980	0.089116957	0.000634	0.0897506
4049038129	240490	3812980	0.079337701	0.000573	0.0799109
4051038129	240510	3812980	0.071117496	0.000521	0.0716386
4053038129	240530	3812980	0.064021919	0.000474	0.0644961
4055038129	240550	3812980	0.058031346	0.000434	0.0584657
4057038129	240570	3812980	0.052781052	0.000398	0.0531794
4059038129	240590	3812980	0.048227053	0.000367	0.0485936
4061038129	240610	3812980	0.044261758	0.000339	0.0446004
4063038129	240630	3812980	0.040820207	0.000314	0.0411345
4065038129	240650	3812980	0.037675038	0.000291	0.0379662
4039038130	240390	3813000	0.196949971	0.001425	0.1983747
4041038130	240410	3813000	0.166842827	0.00122	0.1680627
4043038130	240430	3813000	0.14288392	0.001053	0.1439365
4045038130	240450	3813000	0.123708404	0.000918	0.1246264
4047038130	240470	3813000	0.108401418	0.000812	0.1092137
4049038130	240490	3813000	0.09562586	0.000722	0.0963479
4051038130	240510	3813000	0.084850544	0.000644	0.0854949
4053038130	240530	3813000	0.075760139	0.000578	0.0763383
4055038130	240550	3813000	0.068222695	0.000524	0.0687471

2404103812920	240410	3812920	0.0037511	0.0005554	0.0037511
2404303812920	240430	3812920	0.0033785	0.0005001	0.0033785
2404503812920	240450	3812920	0.0030486	0.0004511	0.0030486
2404703812920	240470	3812920	0.002778	0.0004109	0.002778
2404903812920	240490	3812920	0.0025542	0.0003777	0.0025542
2405503812920	240550	3812920	0.0020197	0.0002984	0.0020197
2405703812920	240570	3812920	0.0018712	0.0002765	0.0018712
2405903812920	240590	3812920	0.0017458	0.0002579	0.0017458
2406103812920	240610	3812920	0.0016301	0.0002408	0.0016301
2406303812920	240630	3812920	0.0015269	0.0002255	0.0015269
2406503812920	240650	3812920	0.0014315	0.0002114	0.0014315
2403503812940	240350	3812940	0.0074568	0.0011064	0.0074568
2403703812940	240370	3812940	0.006404	0.0009497	0.006404
2403903812940	240390	3812940	0.0055679	0.0008253	0.0055679
2404103812940	240410	3812940	0.0048683	0.0007213	0.0048683
2404303812940	240430	3812940	0.0043323	0.0006416	0.0043323
2404503812940	240450	3812940	0.0038798	0.0005743	0.0038798
2404703812940	240470	3812940	0.0034885	0.0005162	0.0034885
2404903812940	240490	3812940	0.0031794	0.0004703	0.0031794
2405703812940	240570	3812940	0.0022518	0.0003328	0.0022518
2405903812940	240590	3812940	0.0020919	0.0003092	0.0020919
2406103812940	240610	3812940	0.0019459	0.0002875	0.0019459
2406303812940	240630	3812940	0.0018104	0.0002675	0.0018104
2406503812940	240650	3812940	0.0016865	0.0002492	0.0016865
2403703812960	240370	3812960	0.00851	0.0012621	0.00851
2403903812960	240390	3812960	0.0072991	0.0010819	0.0072991
2404103812960	240410	3812960	0.0063099	0.0009348	0.0063099
2404303812960	240430	3812960	0.0055268	0.0008184	0.0055268
2404503812960	240450	3812960	0.0049085	0.0007266	0.0049085
2404703812960	240470	3812960	0.0043759	0.0006476	0.0043759
2404903812960	240490	3812960	0.0039338	0.000582	0.0039338
2405103812960	240510	3812960	0.0035693	0.0005279	0.0035693
2405703812960	240570	3812960	0.0027082	0.0004003	0.0027082
2405903812960	240590	3812960	0.0024951	0.0003688	0.0024951
2406103812960	240610	3812960	0.0023042	0.0003405	0.0023042
2406303812960	240630	3812960	0.0021328	0.0003152	0.0021328
2406503812960	240650	3812960	0.0019764	0.0002921	0.0019764
2403703812980	240370	3812980	0.0111837	0.0016571	0.0111837
2403903812980	240390	3812980	0.0094334	0.0013971	0.0094334
2404103812980	240410	3812980	0.0080752	0.0011955	0.0080752
2404303812980	240430	3812980	0.0069826	0.0010335	0.0069826
2404503812980	240450	3812980	0.0061292	0.0009069	0.0061292
2404703812980	240470	3812980	0.0054255	0.0008026	0.0054255
2404903812980	240490	3812980	0.0048311	0.0007145	0.0048311
2405103812980	240510	3812980	0.0043313	0.0006405	0.0043313
2405303812980	240530	3812980	0.0038997	0.0005766	0.0038997
2405503812980	240550	3812980	0.0035353	0.0005226	0.0035353
2405703812980	240570	3812980	0.0032158	0.0004753	0.0032158
2405903812980	240590	3812980	0.0029386	0.0004343	0.0029386
2406103812980	240610	3812980	0.0026972	0.0003986	0.0026972
2406303812980	240630	3812980	0.0024877	0.0003676	0.0024877
2406503812980	240650	3812980	0.0022962	0.0003393	0.0022962
2403903813000	240390	3813000	0.011993	0.0017737	0.011993
2404103813000	240410	3813000	0.0101611	0.0015026	0.0101611
2404303813000	240430	3813000	0.0087028	0.0012868	0.0087028
2404503813000	240450	3813000	0.0075355	0.0011141	0.0075355
2404703813000	240470	3813000	0.006604	0.0009762	0.006604
2404903813000	240490	3813000	0.0058262	0.0008612	0.0058262
2405103813000	240510	3813000	0.0051701	0.0007642	0.0051701
2405303813000	240530	3813000	0.0046165	0.0006823	0.0046165
2405503813000	240550	3813000	0.0041576	0.0006144	0.0041576

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40590381300	240590	3813000	0.056076442	0.000436	0.0565121
40610381300	240610	3813000	0.051224031	0.0004	0.0516241
40630381300	240630	3813000	0.046992804	0.000369	0.0473617
40650381300	240650	3813000	0.043168934	0.00034	0.0435085
40390381302	240390	3813020	0.247104862	0.002048	0.2491526
40410381302	240410	3813020	0.205561969	0.001673	0.2072354
40430381302	240430	3813020	0.174245613	0.001409	0.1756543
40450381302	240450	3813020	0.149225008	0.0012	0.1504251
40470381302	240470	3813020	0.12927335	0.001038	0.1303111
40490381302	240490	3813020	0.113069775	0.000908	0.1139774
40510381302	240510	3813020	0.099619575	0.000799	0.100419
40530381302	240530	3813020	0.088440963	0.00071	0.0891513
40550381302	240550	3813020	0.079073123	0.000636	0.0797096
40570381302	240570	3813020	0.071105993	0.000574	0.0716796
40590381302	240590	3813020	0.064271611	0.00052	0.0647912
40610381302	240610	3813020	0.058368329	0.000473	0.0588411
40630381302	240630	3813020	0.053253369	0.000432	0.0536856
40650381302	240650	3813020	0.048694633	0.000395	0.0490897
40410381304	240410	3813040	0.247033134	0.002238	0.2492708
40430381304	240430	3813040	0.206756294	0.001844	0.2086001
40450381304	240450	3813040	0.175320844	0.001545	0.1768654
40470381304	240470	3813040	0.150235956	0.001308	0.1515436
40490381304	240490	3813040	0.130312717	0.001126	0.1314384
40510381304	240510	3813040	0.114088842	0.00098	0.115069
40530381304	240530	3813040	0.100717813	0.000862	0.10158
40550381304	240550	3813040	0.089543937	0.000765	0.0903086
40570381304	240570	3813040	0.080121963	0.000683	0.0808051
40590381304	240590	3813040	0.07208852	0.000614	0.0727023
40610381304	240610	3813040	0.065181057	0.000554	0.0657351
40630381304	240630	3813040	0.059239205	0.000503	0.0597424
40650381304	240650	3813040	0.054018684	0.000458	0.0544764
40430381306	240430	3813060	0.236868852	0.002359	0.239228
40450381306	240450	3813060	0.199026676	0.001946	0.2009722
40470381306	240470	3813060	0.169531243	0.001629	0.1711604
40490381306	240490	3813060	0.146083899	0.001382	0.1474664
40510381306	240510	3813060	0.127214239	0.00119	0.128404
40530381306	240530	3813060	0.111784099	0.001036	0.1128202
40550381306	240550	3813060	0.098981474	0.000911	0.0998921
40570381306	240570	3813060	0.088212924	0.000806	0.0890187
40590381306	240590	3813060	0.07912252	0.000719	0.0798414
40610381306	240610	3813060	0.071359068	0.000645	0.0720044
40630381306	240630	3813060	0.064680997	0.000583	0.0652636
40650381306	240650	3813060	0.058872449	0.000528	0.0594003
40510381308	240510	3813080	0.137622799	0.001434	0.1390566
40530381308	240530	3813080	0.120651878	0.001238	0.1218894
40550381308	240550	3813080	0.106629892	0.001079	0.1077089
40570381308	240570	3813080	0.094896409	0.000948	0.0958448
40590381308	240590	3813080	0.084979111	0.00084	0.0858187
40610381308	240610	3813080	0.076530868	0.000749	0.0772796
40630381308	240630	3813080	0.06926477	0.000671	0.0699359
40650381308	240650	3813080	0.062963605	0.000604	0.0635678
40530381310	240530	3813100	0.126259455	0.001462	0.1277217
40550381310	240550	3813100	0.111648088	0.001264	0.1129123
40570381310	240570	3813100	0.099422664	0.001103	0.1005261
40590381310	240590	3813100	0.089080417	0.00097	0.0900505
40610381310	240610	3813100	0.080256621	0.00086	0.0811164
40630381310	240630	3813100	0.072660307	0.000766	0.0734266
40650381310	240650	3813100	0.066072233	0.000686	0.0667586
40420381306	240420	3813060	0.260066504	0.002619	0.2626851
40440381308	240440	3813080	0.237343875	0.002667	0.2400113

2405703813000	240570	3813000	0.0037603	0.0005556	0.0037603
2405903813000	240590	3813000	0.0034179	0.000505	0.0034179
2406103813000	240610	3813000	0.0031224	0.0004613	0.0031224
2406303813000	240630	3813000	0.0028646	0.0004232	0.0028646
2406503813000	240650	3813000	0.0026316	0.0003888	0.0026316
2403903813020	240390	3813020	0.0150748	0.0022254	0.0150748
2404103813020	240410	3813020	0.0125373	0.0018513	0.0125373
2404303813020	240430	3813020	0.0106262	0.0015692	0.0106262
2404503813020	240450	3813020	0.0090997	0.0013439	0.0090997
2404703813020	240470	3813020	0.0078828	0.0011642	0.0078828
2404903813020	240490	3813020	0.0068948	0.0010183	0.0068948
2405103813020	240510	3813020	0.0060746	0.0008972	0.0060746
2405303813020	240530	3813020	0.005393	0.0007965	0.005393
2405503813020	240550	3813020	0.0048219	0.0007121	0.0048219
2405703813020	240570	3813020	0.0043362	0.0006404	0.0043362
2405903813020	240590	3813020	0.0039196	0.0005788	0.0039196
2406103813020	240610	3813020	0.0035596	0.0005257	0.0035596
2406303813020	240630	3813020	0.0032478	0.0004796	0.0032478
2406503813020	240650	3813020	0.0029697	0.0004385	0.0029697
2404103813040	240410	3813040	0.0150907	0.0022247	0.0150907
2404303813040	240430	3813040	0.0126272	0.001862	0.0126272
2404503813040	240450	3813040	0.0107053	0.0015789	0.0107053
2404703813040	240470	3813040	0.0091719	0.001353	0.0091719
2404903813040	240490	3813040	0.0079547	0.0011736	0.0079547
2405103813040	240510	3813040	0.0069638	0.0010275	0.0069638
2405303813040	240530	3813040	0.0061473	0.0009071	0.0061473
2405503813040	240550	3813040	0.0054651	0.0008064	0.0054651
2405703813040	240570	3813040	0.0048899	0.0007216	0.0048899
2405903813040	240590	3813040	0.0043996	0.0006492	0.0043996
2406103813040	240610	3813040	0.0039779	0.000587	0.0039779
2406303813040	240630	3813040	0.0036152	0.0005335	0.0036152
2406503813040	240650	3813040	0.0032965	0.0004865	0.0032965
2404303813060	240430	3813060	0.0144925	0.0021332	0.0144925
2404503813060	240450	3813060	0.0121732	0.0017924	0.0121732
2404703813060	240470	3813060	0.0103662	0.0015268	0.0103662
2404903813060	240490	3813060	0.0089302	0.0013156	0.0089302
2405103813060	240510	3813060	0.0077752	0.0011457	0.0077752
2405303813060	240530	3813060	0.0068311	0.0010067	0.0068311
2405503813060	240550	3813060	0.006048	0.0008914	0.006048
2405703813060	240570	3813060	0.0053894	0.0007944	0.0053894
2405903813060	240590	3813060	0.0048336	0.0007126	0.0048336
2406103813060	240610	3813060	0.0043591	0.0006426	0.0043591
2406303813060	240630	3813060	0.0039509	0.0005825	0.0039509
2406503813060	240650	3813060	0.0035958	0.0005302	0.0035958
2405103813080	240510	3813080	0.008427	0.0012394	0.008427
2405303813080	240530	3813080	0.0073857	0.0010866	0.0073857
2405503813080	240550	3813080	0.0065258	0.0009603	0.0065258
2405703813080	240570	3813080	0.0058064	0.0008546	0.0058064
2405903813080	240590	3813080	0.0051986	0.0007653	0.0051986
2406103813080	240610	3813080	0.004681	0.0006892	0.004681
2406303813080	240630	3813080	0.0042359	0.0006238	0.0042359
2406503813080	240650	3813080	0.0038499	0.000567	0.0038499
2405303813100	240530	3813100	0.0077468	0.0011371	0.0077468
2405503813100	240550	3813100	0.0068472	0.0010055	0.0068472
2405703813100	240570	3813100	0.0060951	0.0008954	0.0060951
2405903813100	240590	3813100	0.0054591	0.0008022	0.0054591
2406103813100	240610	3813100	0.0049168	0.0007228	0.0049168
2406303813100	240630	3813100	0.0044501	0.0006544	0.0044501
2406503813100	240650	3813100	0.0040455	0.000595	0.0040455
2404203813060	240420	3813060	0.0159148	0.0023421	0.0159148
2404403813080	240440	3813080	0.0145538	0.0021375	0.0145538

4046038130	240460	3813080	0.199881312	0.002191	0.2020719
4048038130	240480	3813080	0.170678878	0.001829	0.1725075
4046038131	240460	3813100	0.209054271	0.002679	0.2117334
4048038131	240480	3813100	0.178431503	0.002209	0.1806405
4050038131	240500	3813100	0.154221551	0.001856	0.156078
4052038131	240520	3813100	0.134663038	0.001578	0.1362415
4050038135	240500	3813550	0.017219936	0.000473	0.0176927
4052038135	240520	3813550	0.017019641	0.000449	0.0174688
4054038135	240540	3813550	0.01680446	0.000433	0.0172375
4056038135	240560	3813550	0.016581835	0.000424	0.0170053
4058038135	240580	3813550	0.016335526	0.000417	0.0167524
4060038135	240600	3813550	0.016078391	0.000411	0.0164893
4062038135	240620	3813550	0.015806369	0.000403	0.0162097
4064038135	240640	3813550	0.015528934	0.000394	0.0159231
4066038135	240660	3813550	0.015252852	0.000383	0.0156363
4046038135	240460	3813570	0.016087188	0.000454	0.0165414
4048038135	240480	3813570	0.016015461	0.00043	0.0164453
4050038135	240500	3813570	0.015905163	0.000407	0.0163126
4052038135	240520	3813570	0.015761709	0.00039	0.0161513
4054038135	240540	3813570	0.015595248	0.000377	0.0159725
4056038135	240560	3813570	0.015392923	0.000369	0.015762
4058038135	240580	3813570	0.015184508	0.000364	0.0155486
4060038135	240600	3813570	0.014951056	0.000359	0.0153104
4062038135	240620	3813570	0.014713545	0.000354	0.0150677
4064038135	240640	3813570	0.014474003	0.000348	0.0148216
4066038135	240660	3813570	0.014242581	0.00034	0.0145827
4046038135	240460	3813590	0.014889479	0.000395	0.0152844
4048038135	240480	3813590	0.014817075	0.000374	0.0151908
4050038135	240500	3813590	0.014735198	0.000355	0.0150907
4052038135	240520	3813590	0.014616104	0.000341	0.0149569
4054038135	240540	3813590	0.014478063	0.000331	0.0148089
4056038135	240560	3813590	0.014306865	0.000324	0.014631
4058038135	240580	3813590	0.014132961	0.00032	0.0144533
4060038135	240600	3813590	0.013934696	0.000317	0.0142516
4062038135	240620	3813590	0.013737108	0.000314	0.0140506
4064038135	240640	3813590	0.013532076	0.000309	0.0138412
4066038135	240660	3813590	0.013327045	0.000304	0.0136306
4068038135	240680	3813590	0.013089533	0.000296	0.0133858
4046038136	240460	3813610	0.013798685	0.000346	0.0141447
4048038136	240480	3813610	0.013754025	0.000328	0.0140824
4050038136	240500	3813610	0.013684327	0.000313	0.0139974
4052038136	240520	3813610	0.01358824	0.000301	0.0138894
4054038136	240540	3813610	0.013335165	0.000293	0.0136279
4056038136	240560	3813610	0.013182914	0.000287	0.0134703
4058038136	240580	3813610	0.013012393	0.000284	0.0132962
4060038136	240600	3813610	0.012847961	0.000281	0.0131293
4062038136	240620	3813610	0.0126815	0.000279	0.0129604
4064038136	240640	3813610	0.012664583	0.000276	0.0129406
4066038136	240660	3813610	0.012479852	0.000272	0.0127518
4068038136	240680	3813610	0.012290384	0.000267	0.0125573
4046038136	240460	3813630	0.012823601	0.000306	0.0131294
4048038136	240480	3813630	0.012724807	0.000291	0.0130154
4050038136	240500	3813630	0.01264293	0.000278	0.0129205
4052038136	240520	3813630	0.012547519	0.000268	0.0128152
4054038136	240540	3813630	0.012431132	0.000261	0.0126918
4056038136	240560	3813630	0.012310684	0.000257	0.0125673
4058038136	240580	3813630	0.01216926	0.000254	0.0124231
4060038136	240600	3813630	0.012029866	0.000252	0.012282
4062038136	240620	3813630	0.011888441	0.00025	0.0121389
4064038136	240640	3813630	0.011889118	0.000248	0.0121373
4066038136	240660	3813630	0.011724687	0.000245	0.0119699

2404603813080	240460	3813080	0.0122507	0.0018001	0.0122507
2404803813080	240480	3813080	0.0104564	0.0015371	0.0104564
2404603813100	240460	3813100	0.0128541	0.0018827	0.0128541
2404803813100	240480	3813100	0.010963	0.0016069	0.010963
2405003813100	240500	3813100	0.0094699	0.0013889	0.0094699
2405203813100	240520	3813100	0.0082644	0.0012128	0.0082644
2405003813550	240500	3813550	0.0010856	0.0001551	0.0010856
2405203813550	240520	3813550	0.001071	0.0001533	0.001071
2405403813550	240540	3813550	0.0010564	0.0001513	0.0010564
2405603813550	240560	3813550	0.001042	0.0001493	0.001042
2405803813550	240580	3813550	0.0010265	0.0001471	0.0010265
2406003813550	240600	3813550	0.0010104	0.0001448	0.0010104
2406203813550	240620	3813550	0.0009932	0.0001423	0.0009932
2406403813550	240640	3813550	0.0009756	0.0001399	0.0009756
2406603813550	240660	3813550	0.0009578	0.0001374	0.0009578
2404603813570	240460	3813570	0.0010155	0.0001449	0.0010155
2404803813570	240480	3813570	0.0010086	0.0001442	0.0010086
2405003813570	240500	3813570	0.0009996	0.0001432	0.0009996
2405203813570	240520	3813570	0.0009891	0.0001419	0.0009891
2405403813570	240540	3813570	0.0009778	0.0001404	0.0009778
2405603813570	240560	3813570	0.0009647	0.0001386	0.0009647
2405803813570	240580	3813570	0.0009517	0.0001367	0.0009517
2406003813570	240600	3813570	0.0009371	0.0001346	0.0009371
2406203813570	240620	3813570	0.0009223	0.0001325	0.0009223
2406403813570	240640	3813570	0.0009072	0.0001304	0.0009072
2406603813570	240660	3813570	0.0008925	0.0001283	0.0008925
2404603813590	240460	3813590	0.0009372	0.0001341	0.0009372
2404803813590	240480	3813590	0.0009306	0.0001334	0.0009306
2405003813590	240500	3813590	0.0009237	0.0001327	0.0009237
2405203813590	240520	3813590	0.000915	0.0001316	0.000915
2405403813590	240540	3813590	0.0009057	0.0001304	0.0009057
2405603813590	240560	3813590	0.0008946	0.0001288	0.0008946
2405803813590	240580	3813590	0.0008838	0.0001273	0.0008838
2406003813590	240600	3813590	0.0008715	0.0001255	0.0008715
2406203813590	240620	3813590	0.0008593	0.0001237	0.0008593
2406403813590	240640	3813590	0.0008465	0.0001219	0.0008465
2406603813590	240660	3813590	0.0008336	0.00012	0.0008336
2406803813590	240680	3813590	0.0008185	0.0001179	0.0008185
2404603813610	240460	3813610	0.0008664	0.0001243	0.0008664
2404803813610	240480	3813610	0.0008619	0.0001239	0.0008619
2405003813610	240500	3813610	0.000856	0.0001232	0.000856
2405203813610	240520	3813610	0.000849	0.0001224	0.000849
2405403813610	240540	3813610	0.0008329	0.0001201	0.0008329
2405603813610	240560	3813610	0.0008232	0.0001187	0.0008232
2405803813610	240580	3813610	0.0008125	0.0001172	0.0008125
2406003813610	240600	3813610	0.0008024	0.0001157	0.0008024
2406203813610	240620	3813610	0.0007921	0.0001142	0.0007921
2406403813610	240640	3813610	0.0007908	0.0001141	0.0007908
2406603813610	240660	3813610	0.0007792	0.0001124	0.0007792
2406803813610	240680	3813610	0.0007673	0.0001107	0.0007673
2404603813630	240460	3813630	0.0008035	0.0001155	0.0008035
2404803813630	240480	3813630	0.000796	0.0001146	0.000796
2405003813630	240500	3813630	0.0007897	0.0001139	0.0007897
2405203813630	240520	3813630	0.0007829	0.000113	0.0007829
2405403813630	240540	3813630	0.0007751	0.000112	0.0007751
2405603813630	240560	3813630	0.0007675	0.0001109	0.0007675
2405803813630	240580	3813630	0.0007587	0.0001096	0.0007587
2406003813630	240600	3813630	0.0007501	0.0001083	0.0007501
2406203813630	240620	3813630	0.0007414	0.0001071	0.0007414
2406403813630	240640	3813630	0.0007412	0.0001071	0.0007412
2406603813630	240660	3813630	0.000731	0.0001056	0.000731

4068038136	240680	3813630	0.011561609	0.000242	0.0118033
4046038136	240460	3813650	0.011911448	0.000272	0.0121836
4048038136	240480	3813650	0.011871524	0.000259	0.0121309
4050038136	240500	3813650	0.011803857	0.000248	0.0120521
4052038136	240520	3813650	0.011721303	0.00024	0.0119612
4054038136	240540	3813650	0.011632659	0.000234	0.0118671
4056038136	240560	3813650	0.011514919	0.00023	0.0117454
4058038136	240580	3813650	0.011405298	0.000229	0.0116339
4060038136	240600	3813650	0.011282144	0.000227	0.0115094
4062038136	240620	3813650	0.011156959	0.000226	0.0113829
4064038136	240640	3813650	0.011022302	0.000224	0.0112465
4066038136	240660	3813650	0.010880201	0.000222	0.011102
4068038136	240680	3813650	0.010889674	0.00022	0.0111093
4046038136	240460	3813670	0.011131246	0.000244	0.0113753
4048038136	240480	3813670	0.011104856	0.000233	0.011338
4050038136	240500	3813670	0.011057489	0.000224	0.0112815
4052038136	240520	3813670	0.010990498	0.000217	0.0112074
4054038136	240540	3813670	0.010899824	0.000212	0.0111115
4056038136	240560	3813670	0.01079697	0.000208	0.0110054
4058038136	240580	3813670	0.010700206	0.000207	0.010907
4060038136	240600	3813670	0.010589232	0.000206	0.0107949
4062038136	240620	3813670	0.010482318	0.000205	0.0106871
4064038136	240640	3813670	0.010363224	0.000203	0.0105666
4066038136	240660	3813670	0.01024819	0.000202	0.01045
4068038136	240680	3813670	0.010137215	0.0002	0.0103372
4046038136	240460	3813690	0.010421417	0.00022	0.0106414
4048038136	240480	3813690	0.010398411	0.00021	0.0106088
4050038136	240500	3813690	0.010360517	0.000203	0.0105631
4052038136	240520	3813690	0.01028676	0.000196	0.0104828
4054038136	240540	3813690	0.010238716	0.000192	0.0104312
4056038136	240560	3813690	0.010156839	0.00019	0.0103466
4058038136	240580	3813690	0.010095262	0.000189	0.0102843
4060038136	240600	3813690	0.009975491	0.000188	0.010163
4062038136	240620	3813690	0.009870607	0.000187	0.0100572
4064038136	240640	3813690	0.00976843	0.000186	0.0099541
4066038136	240660	3813690	0.009666252	0.000184	0.0098507
4068038136	240680	3813690	0.009552571	0.000183	0.0097351
4046038137	240460	3813710	0.00977249	0.000199	0.0099718
4048038137	240480	3813710	0.009755573	0.000191	0.0099465
4050038137	240500	3813710	0.009725123	0.000184	0.0099093
4052038137	240520	3813710	0.009666929	0.000179	0.0098456
4054038137	240540	3813710	0.009628359	0.000176	0.0098039
4056038137	240560	3813710	0.009560015	0.000173	0.0097334
4058038137	240580	3813710	0.009506558	0.000173	0.0096792

2406803813630	240680	3813630	0.0007208	0.0001041	0.0007208
2404603813650	240460	3813650	0.0007451	0.0001073	0.0007451
2404803813650	240480	3813650	0.0007413	0.0001069	0.0007413
2405003813650	240500	3813650	0.0007361	0.0001063	0.0007361
2405203813650	240520	3813650	0.0007302	0.0001056	0.0007302
2405403813650	240540	3813650	0.0007243	0.0001048	0.0007243
2405603813650	240560	3813650	0.0007168	0.0001037	0.0007168
2405803813650	240580	3813650	0.00071	0.0001027	0.00071
2406003813650	240600	3813650	0.0007025	0.0001016	0.0007025
2406203813650	240620	3813650	0.0006948	0.0001005	0.0006948
2406403813650	240640	3813650	0.0006865	9.927E-05	0.0006865
2406603813650	240660	3813650	0.0006777	9.799E-05	0.0006777
2406803813650	240680	3813650	0.0006781	9.807E-05	0.0006781
2404603813670	240460	3813670	0.0006952	0.0001002	0.0006952
2404803813670	240480	3813670	0.0006925	0.0001	0.0006925
2405003813670	240500	3813670	0.0006886	9.958E-05	0.0006886
2405203813670	240520	3813670	0.0006839	9.898E-05	0.0006839
2405403813670	240540	3813670	0.0006778	9.816E-05	0.0006778
2405603813670	240560	3813670	0.0006713	9.724E-05	0.0006713
2405803813670	240580	3813670	0.0006653	9.636E-05	0.0006653
2406003813670	240600	3813670	0.0006585	9.537E-05	0.0006585
2406203813670	240620	3813670	0.000652	9.44E-05	0.000652
2406403813670	240640	3813670	0.0006447	9.333E-05	0.0006447
2406603813670	240660	3813670	0.0006376	9.229E-05	0.0006376
2406803813670	240680	3813670	0.0006308	9.129E-05	0.0006308
2404603813690	240460	3813690	0.00065	9.385E-05	0.00065
2404803813690	240480	3813690	0.0006476	9.365E-05	0.0006476
2405003813690	240500	3813690	0.0006445	9.331E-05	0.0006445
2405203813690	240520	3813690	0.0006393	9.264E-05	0.0006393
2405403813690	240540	3813690	0.0006361	9.221E-05	0.0006361
2405603813690	240560	3813690	0.0006309	9.147E-05	0.0006309
2405803813690	240580	3813690	0.0006271	9.092E-05	0.0006271
2406003813690	240600	3813690	0.0006197	8.984E-05	0.0006197
2406203813690	240620	3813690	0.0006133	8.889E-05	0.0006133
2406403813690	240640	3813690	0.0006071	8.797E-05	0.0006071
2406603813690	240660	3813690	0.0006008	8.705E-05	0.0006008
2406803813690	240680	3813690	0.0005937	8.603E-05	0.0005937
2404603813710	240460	3813710	0.0006088	8.801E-05	0.0006088
2404803813710	240480	3813710	0.0006069	8.786E-05	0.0006069
2405003813710	240500	3813710	0.0006043	8.758E-05	0.0006043
2405203813710	240520	3813710	0.0006002	8.706E-05	0.0006002
2405403813710	240540	3813710	0.0005976	8.671E-05	0.0005976
2405603813710	240560	3813710	0.0005932	8.61E-05	0.0005932
2405803813710	240580	3813710	0.0005899	8.561E-05	0.0005899

Sywest Industrial Building Project

Maximum Individual Non-Cancer Impact Calculations - Sensitive Receptors (Maximum Impacted Senior Residential Receptor) (IMPACT AT ALL OTHER LOCATIONS ON THE PROJECT SITE WOULD BE LESS THAN SHOWN)

Maximum Non-cancer Chronic Hazards / Toxicological Endpoints*

Receptor Group	Pollutant	CREL[1]	CONC	WFrac	$CONC_{WF}$	HI		ALIM	BN	CVS	DEV	ENDC	EYE	HEM	IMMUN	KIDN	NS	REPRO	RESP	SK
Project:																				
MEI - Max	DPM	5.00E+00	1.59E-02	1.00E+00	1.59E-02	0.003		-	-	-	-	-	-	-	-	-	-	-	3.18E-03	-
							Total Risk				-			-				-	0.003	
							Threshold				1.00			1.00				1.00	1.00	
							Over?				NO			NO				NO	NO	

Notes:

1. California Air Resources Board, "Consolidated Table of OEHHA/ARB Approved Risk Assessment Health Values," "OEHHA/ARB Approved Chronic Reference Exposure Levels and Target Organs," "OEHHA/ARB Approved Acute Reference Exposure Levels and Target Organs," and "OEHHA/ARB Approved 8-Hour Reference Exposure Levels and Target Organs," http://www.arb.ca.gov/toxics/healthval/healthval.htm. Tables last updated: May 8, 2018. Downloaded: 08/14/18.

Source: ESA, 2020

Where:

$CONC_{WF}$	Pollutant Concentration ($\mu g/m^3$) multiplied by the weight fraction
CREL	Chronic Reference Exposure Level
HI	Hazard Index
MEI	Maximally Exposed Individual
WFrac	Weight fraction of speciated component

* Key to Toxicological Endpoints

ALIM	Alimentary Tract	EYE	Eye	NS	Nervous System
BN	Bone	HEM	Hematologic System	REPRO	Reproductive System
CVS	Cardiovascular System	IMMUN	Immune System	RESP	Respiratory System
DEV	Developmental System	KIDN	Kidney	SK	Skin
ENDC	Endocrine System				

XY	X	Y	CONC Construction Area	Conc Haul Route
2400023812965	240002	3812965	0.55853	0.24403
2398953813066	239895	3813066	0.33806	0.16528
2399053813061	239905	3813061	0.36089	0.17282
2399183813065	239918	3813065	0.4132	0.18687
2399333813063	239933	3813063	0.47447	0.20316
2399423813062	239942	3813062	0.51855	0.21409
2399573813062	239957	3813062	0.61077	0.23473
2405103812720	240510	3812720	0.12508	0.13301
2405303812720	240530	3812720	0.11952	0.1294
2405503812720	240550	3812720	0.11442	0.12634
2405703812720	240570	3812720	0.10949	0.1231
2405903812720	240590	3812720	0.10467	0.11954
2406103812720	240610	3812720	0.10009	0.1159
2406303812720	240630	3812720	0.09576	0.1122
2406503812720	240650	3812720	0.09173	0.10858
2405103812740	240510	3812740	0.13687	0.14513
2405303812740	240530	3812740	0.13044	0.14085
2405503812740	240550	3812740	0.12459	0.13708
2405703812740	240570	3812740	0.119	0.13311
2405903812740	240590	3812740	0.11357	0.1288
2406103812740	240610	3812740	0.10858	0.12466
2406303812740	240630	3812740	0.10389	0.12047
2406503812740	240650	3812740	0.09941	0.11615
2405503812760	240550	3812760	0.13692	0.14905
2405703812760	240570	3812760	0.1306	0.14424
2405903812760	240590	3812760	0.12442	0.13898
2406103812760	240610	3812760	0.11891	0.13414
2406303812760	240630	3812760	0.11383	0.12941
2406503812760	240650	3812760	0.10888	0.1244
2405503812780	240550	3812780	0.15221	0.16238
2405703812780	240570	3812780	0.14512	0.1567
2405903812780	240590	3812780	0.13809	0.15045
2406103812780	240610	3812780	0.13198	0.14485
2406303812780	240630	3812780	0.1264	0.13942
2406503812780	240650	3812780	0.12092	0.13374
2405503812800	240550	3812800	0.1719	0.1777
2405703812800	240570	3812800	0.16373	0.17085
2405903812800	240590	3812800	0.1557	0.16357
2406103812800	240610	3812800	0.14874	0.15703
2406303812800	240630	3812800	0.14249	0.15085
2406503812800	240650	3812800	0.13623	0.14434
2403103812820	240310	3812820	0.39406	0.28081
2403303812820	240330	3812820	0.37541	0.28151
2403503812820	240350	3812820	0.35586	0.27971
2403703812820	240370	3812820	0.33606	0.27548
2403903812820	240390	3812820	0.31613	0.26858

2404103812820	240410	3812820	0.2965	0.25957
2404303812820	240430	3812820	0.2788	0.25076
2405503812820	240550	3812820	0.19732	0.19513
2405703812820	240570	3812820	0.18782	0.1871
2405903812820	240590	3812820	0.17847	0.17869
2406103812820	240610	3812820	0.17037	0.17114
2406303812820	240630	3812820	0.163	0.16394
2406503812820	240650	3812820	0.15559	0.15643
2402903812840	240290	3812840	0.54593	0.33734
2403103812840	240310	3812840	0.50611	0.33554
2403303812840	240330	3812840	0.47267	0.33435
2403503812840	240350	3812840	0.43975	0.32815
2403703812840	240370	3812840	0.41039	0.32079
2403903812840	240390	3812840	0.38296	0.31097
2404103812840	240410	3812840	0.35605	0.29781
2404303812840	240430	3812840	0.33229	0.28506
2404503812840	240450	3812840	0.31147	0.27309
2405503812840	240550	3812840	0.23041	0.2154
2405703812840	240570	3812840	0.21913	0.20617
2405903812840	240590	3812840	0.20815	0.19668
2406103812840	240610	3812840	0.19803	0.1876
2406303812840	240630	3812840	0.18928	0.17947
2406503812840	240650	3812840	0.18042	0.17096
2403103812860	240310	3812860	0.66515	0.40707
2403303812860	240330	3812860	0.60995	0.40306
2403503812860	240350	3812860	0.55934	0.39253
2403703812860	240370	3812860	0.51332	0.37747
2403903812860	240390	3812860	0.47426	0.36226
2404103812860	240410	3812860	0.43851	0.34506
2404303812860	240430	3812860	0.40447	0.32574
2404503812860	240450	3812860	0.37684	0.30988
2405703812860	240570	3812860	0.25904	0.22852
2405903812860	240590	3812860	0.24496	0.21714
2406103812860	240610	3812860	0.23269	0.20691
2406303812860	240630	3812860	0.22167	0.19741
2406503812860	240650	3812860	0.21078	0.18774
2403103812880	240310	3812880	0.91016	0.51168
2403303812880	240330	3812880	0.80951	0.4939
2403503812880	240350	3812880	0.73125	0.47589
2403703812880	240370	3812880	0.66054	0.45049
2403903812880	240390	3812880	0.60132	0.42542
2404103812880	240410	3812880	0.5508	0.40144
2404303812880	240430	3812880	0.50416	0.37636
2404503812880	240450	3812880	0.46484	0.35447
2404703812880	240470	3812880	0.43184	0.33568
2405503812880	240550	3812880	0.32867	0.26925
2405703812880	240570	3812880	0.30988	0.25596

2405903812880	240590	3812880	0.29182	0.24254
2406103812880	240610	3812880	0.27621	0.23062
2406303812880	240630	3812880	0.262	0.21943
2406503812880	240650	3812880	0.24827	0.20824
2403303812900	240330	3812900	1.10366	0.61595
2403503812900	240350	3812900	0.97981	0.58465
2403703812900	240370	3812900	0.87306	0.54649
2403903812900	240390	3812900	0.778	0.50464
2404103812900	240410	3812900	0.7046	0.47202
2404303812900	240430	3812900	0.64016	0.4409
2404503812900	240450	3812900	0.58293	0.41126
2404703812900	240470	3812900	0.53799	0.38848
2405503812900	240550	3812900	0.39985	0.30781
2405703812900	240570	3812900	0.37437	0.29117
2405903812900	240590	3812900	0.35084	0.27506
2406103812900	240610	3812900	0.32979	0.26019
2406303812900	240630	3812900	0.31117	0.24668
2406503812900	240650	3812900	0.2932	0.23312
2403503812920	240350	3812920	1.33201	0.72746
2403703812920	240370	3812920	1.16589	0.66952
2403903812920	240390	3812920	1.02408	0.61191
2404103812920	240410	3812920	0.91146	0.56505
2404303812920	240430	3812920	0.82059	0.52662
2404503812920	240450	3812920	0.7402	0.48909
2404703812920	240470	3812920	0.67429	0.45777
2404903812920	240490	3812920	0.61977	0.43132
2405503812920	240550	3812920	0.48973	0.35923
2405703812920	240570	3812920	0.45365	0.33638
2405903812920	240590	3812920	0.4232	0.3169
2406103812920	240610	3812920	0.39511	0.29808
2406303812920	240630	3812920	0.37006	0.28083
2406503812920	240650	3812920	0.34692	0.26437
2403503812940	240350	3812940	1.8156	0.9241
2403703812940	240370	3812940	1.55841	0.83968
2403903812940	240390	3812940	1.35425	0.76728
2404103812940	240410	3812940	1.18358	0.69881
2404303812940	240430	3812940	1.05278	0.64756
2404503812940	240450	3812940	0.94245	0.6
2404703812940	240470	3812940	0.84711	0.55454
2404903812940	240490	3812940	0.7718	0.51927
2405703812940	240570	3812940	0.54617	0.3922
2405903812940	240590	3812940	0.50732	0.36849
2406103812940	240610	3812940	0.47185	0.34574
2406303812940	240630	3812940	0.43896	0.32364
2406503812940	240650	3812940	0.40888	0.30276
2403703812960	240370	3812960	2.07099	1.11094
2403903812960	240390	3812960	1.77528	1.00843

2404103812960	240410	3812960	1.53398	0.90971
2404303812960	240430	3812960	1.34303	0.82684
2404503812960	240450	3812960	1.19232	0.75991
2404703812960	240470	3812960	1.06262	0.69501
2404903812960	240490	3812960	0.955	0.63897
2405103812960	240510	3812960	0.86627	0.59208
2405703812960	240570	3812960	0.65695	0.46687
2405903812960	240590	3812960	0.60519	0.43447
2406103812960	240610	3812960	0.55881	0.40436
2406303812960	240630	3812960	0.5172	0.37653
2406503812960	240650	3812960	0.47925	0.3503
2403703812980	240370	3812980	2.71925	1.59018
2403903812980	240390	3812980	2.29261	1.39768
2404103812980	240410	3812980	1.9618	1.23576
2404303812980	240430	3812980	1.69589	1.09433
2404503812980	240450	3812980	1.48817	0.98393
2404703812980	240470	3812980	1.31699	0.88862
2404903812980	240490	3812980	1.17247	0.80391
2405103812980	240510	3812980	1.05099	0.7308
2405303812980	240530	3812980	0.94613	0.66505
2405503812980	240550	3812980	0.8576	0.60922
2405703812980	240570	3812980	0.78001	0.55865
2405903812980	240590	3812980	0.71271	0.51415
2406103812980	240610	3812980	0.65411	0.47494
2406303812980	240630	3812980	0.60325	0.44082
2406503812980	240650	3812980	0.55677	0.40836
2403903813000	240390	3813000	2.91057	1.99824
2404103813000	240410	3813000	2.46564	1.71093
2404303813000	240430	3813000	2.11157	1.47627
2404503813000	240450	3813000	1.82819	1.28748
2404703813000	240470	3813000	1.60198	1.13925
2404903813000	240490	3813000	1.41318	1.0127
2405103813000	240510	3813000	1.25394	0.90373
2405303813000	240530	3813000	1.1196	0.81092
2405503813000	240550	3813000	1.00821	0.73542
2405703813000	240570	3813000	0.91179	0.6688
2405903813000	240590	3813000	0.82871	0.61103
2406103813000	240610	3813000	0.757	0.56109
2406303813000	240630	3813000	0.69447	0.51732
2406503813000	240650	3813000	0.63796	0.47627
2403903813020	240390	3813020	3.65177	2.87191
2404103813020	240410	3813020	3.03784	2.34703
2404303813020	240430	3813020	2.57504	1.97567
2404503813020	240450	3813020	2.20528	1.6831
2404703813020	240470	3813020	1.91043	1.4554
2404903813020	240490	3813020	1.67097	1.27294
2405103813020	240510	3813020	1.4722	1.12124

2405303813020	240530	3813020	1.307	0.99629
2405503813020	240550	3813020	1.16856	0.89262
2405703813020	240570	3813020	1.05082	0.80449
2405903813020	240590	3813020	0.94982	0.72872
2406103813020	240610	3813020	0.86258	0.66308
2406303813020	240630	3813020	0.78699	0.60624
2406503813020	240650	3813020	0.71962	0.55404
2404103813040	240410	3813040	3.65071	3.13833
2404303813040	240430	3813040	3.05549	2.58595
2404503813040	240450	3813040	2.59093	2.16622
2404703813040	240470	3813040	2.22022	1.83391
2404903813040	240490	3813040	1.92579	1.57877
2405103813040	240510	3813040	1.68603	1.37461
2405303813040	240530	3813040	1.48843	1.20919
2405503813040	240550	3813040	1.3233	1.07239
2405703813040	240570	3813040	1.18406	0.95809
2405903813040	240590	3813040	1.06534	0.86081
2406103813040	240610	3813040	0.96326	0.77709
2406303813040	240630	3813040	0.87545	0.7058
2406503813040	240650	3813040	0.7983	0.642
2404303813060	240430	3813060	3.5005	3.30866
2404503813060	240450	3813060	2.94126	2.72863
2404703813060	240470	3813060	2.50537	2.28492
2404903813060	240490	3813060	2.15886	1.9389
2405103813060	240510	3813060	1.88	1.66869
2405303813060	240530	3813060	1.65197	1.45313
2405503813060	240550	3813060	1.46277	1.27721
2405703813060	240570	3813060	1.30363	1.13011
2405903813060	240590	3813060	1.16929	1.00828
2406103813060	240610	3813060	1.05456	0.90511
2406303813060	240630	3813060	0.95587	0.81715
2406503813060	240650	3813060	0.87003	0.74029
2405103813080	240510	3813080	2.03382	2.01092
2405303813080	240530	3813080	1.78302	1.7356
2405503813080	240550	3813080	1.5758	1.51335
2405703813080	240570	3813080	1.4024	1.3301
2405903813080	240590	3813080	1.25584	1.1775
2406103813080	240610	3813080	1.13099	1.05003
2406303813080	240630	3813080	1.02361	0.94133
2406503813080	240650	3813080	0.93049	0.84737
2405303813100	240530	3813100	1.86589	2.05085
2405503813100	240550	3813100	1.64996	1.77309
2405703813100	240570	3813100	1.46929	1.54756
2405903813100	240590	3813100	1.31645	1.36055
2406103813100	240610	3813100	1.18605	1.20589
2406303813100	240630	3813100	1.07379	1.07473
2406503813100	240650	3813100	0.97643	0.96256

2404203813060	240420	3813060	3.84332	3.67254
2404403813080	240440	3813080	3.50752	3.74109
2404603813080	240460	3813080	2.95389	3.07231
2404803813080	240480	3813080	2.52233	2.56461
2404603813100	240460	3813100	3.08945	3.75751
2404803813100	240480	3813100	2.6369	3.09817
2405003813100	240500	3813100	2.27912	2.60362
2405203813100	240520	3813100	1.99008	2.21381
2405003813550	240500	3813550	0.25448	0.66304
2405203813550	240520	3813550	0.25152	0.62993
2405403813550	240540	3813550	0.24834	0.60733
2405603813550	240560	3813550	0.24505	0.59397
2405803813550	240580	3813550	0.24141	0.5847
2406003813550	240600	3813550	0.23761	0.57624
2406203813550	240620	3813550	0.23359	0.56569
2406403813550	240640	3813550	0.22949	0.55275
2406603813550	240660	3813550	0.22541	0.53785
2404603813570	240460	3813570	0.23774	0.63704
2404803813570	240480	3813570	0.23668	0.60287
2405003813570	240500	3813570	0.23505	0.57146
2405203813570	240520	3813570	0.23293	0.54638
2405403813570	240540	3813570	0.23047	0.52915
2405603813570	240560	3813570	0.22748	0.51765
2405803813570	240580	3813570	0.2244	0.51066
2406003813570	240600	3813570	0.22095	0.50403
2406203813570	240620	3813570	0.21744	0.49667
2406403813570	240640	3813570	0.2139	0.48755
2406603813570	240660	3813570	0.21048	0.47703
2404603813590	240460	3813590	0.22004	0.55383
2404803813590	240480	3813590	0.21897	0.52408
2405003813590	240500	3813590	0.21776	0.49854
2405203813590	240520	3813590	0.216	0.47801
2405403813590	240540	3813590	0.21396	0.46403
2405603813590	240560	3813590	0.21143	0.45461
2405803813590	240580	3813590	0.20886	0.44925
2406003813590	240600	3813590	0.20593	0.4445
2406203813590	240620	3813590	0.20301	0.43973
2406403813590	240640	3813590	0.19998	0.43359
2406603813590	240660	3813590	0.19695	0.42577
2406803813590	240680	3813590	0.19344	0.41551
2404603813610	240460	3813610	0.20392	0.48525
2404803813610	240480	3813610	0.20326	0.46059
2405003813610	240500	3813610	0.20223	0.43915
2405203813610	240520	3813610	0.20081	0.42232
2405403813610	240540	3813610	0.19707	0.41059
2405603813610	240560	3813610	0.19482	0.40304
2405803813610	240580	3813610	0.1923	0.39799

2406003813610	240600	3813610	0.18987	0.39462
2406203813610	240620	3813610	0.18741	0.39117
2406403813610	240640	3813610	0.18716	0.38705
2406603813610	240660	3813610	0.18443	0.38136
2406803813610	240680	3813610	0.18163	0.37434
2404603813630	240460	3813630	0.18951	0.42885
2404803813630	240480	3813630	0.18805	0.40762
2405003813630	240500	3813630	0.18684	0.38929
2405203813630	240520	3813630	0.18543	0.37545
2405403813630	240540	3813630	0.18371	0.36565
2405603813630	240560	3813630	0.18193	0.35993
2405803813630	240580	3813630	0.17984	0.35607
2406003813630	240600	3813630	0.17778	0.35365
2406203813630	240620	3813630	0.17569	0.35125
2406403813630	240640	3813630	0.1757	0.34814
2406603813630	240660	3813630	0.17327	0.34398
2406803813630	240680	3813630	0.17086	0.33896
2404603813650	240460	3813650	0.17603	0.38164
2404803813650	240480	3813650	0.17544	0.36376
2405003813650	240500	3813650	0.17444	0.3482
2405203813650	240520	3813650	0.17322	0.33644
2405403813650	240540	3813650	0.17191	0.32877
2405603813650	240560	3813650	0.17017	0.32324
2405803813650	240580	3813650	0.16855	0.32064
2406003813650	240600	3813650	0.16673	0.31871
2406203813650	240620	3813650	0.16488	0.31689
2406403813650	240640	3813650	0.16289	0.3144
2406603813650	240660	3813650	0.16079	0.31105
2406803813650	240680	3813650	0.16093	0.30806
2404603813670	240460	3813670	0.1645	0.34222
2404803813670	240480	3813670	0.16411	0.32702
2405003813670	240500	3813670	0.16341	0.31416
2405203813670	240520	3813670	0.16242	0.3042
2405403813670	240540	3813670	0.16108	0.29689
2405603813670	240560	3813670	0.15956	0.29232
2405803813670	240580	3813670	0.15813	0.29008
2406003813670	240600	3813670	0.15649	0.28846
2406203813670	240620	3813670	0.15491	0.28721
2406403813670	240640	3813670	0.15315	0.28527
2406603813670	240660	3813670	0.15145	0.28301
2406803813670	240680	3813670	0.14981	0.28053
2404603813690	240460	3813690	0.15401	0.30859
2404803813690	240480	3813690	0.15367	0.29511
2405003813690	240500	3813690	0.15311	0.28414
2405203813690	240520	3813690	0.15202	0.27492
2405403813690	240540	3813690	0.15131	0.2699
2405603813690	240560	3813690	0.1501	0.2662

2405803813690	240580	3813690	0.14919	0.26506
2406003813690	240600	3813690	0.14742	0.26297
2406203813690	240620	3813690	0.14587	0.26176
2406403813690	240640	3813690	0.14436	0.26043
2406603813690	240660	3813690	0.14285	0.25864
2406803813690	240680	3813690	0.14117	0.25602
2404603813710	240460	3813710	0.14442	0.27952
2404803813710	240480	3813710	0.14417	0.26784
2405003813710	240500	3813710	0.14372	0.25828
2405203813710	240520	3813710	0.14286	0.25055
2405403813710	240540	3813710	0.14229	0.24625
2405603813710	240560	3813710	0.14128	0.24316
2405803813710	240580	3813710	0.14049	0.24209

XY	X	Y
240002381	240002	3812965
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239905381	239905	3813061
239918381	239918	3813065
239933381	239933	3813063
239942381	239942	3813062
239957381	239957	3813062
240510381	240510	3812720
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240590381	240590	3812720
240610381	240610	3812720
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240350381	240350	3812820
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240390381	240390	3812900
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240390381	240390	3812920
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240480381	240480	3813610
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240580381	240580	3813610
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240680381	240680	3813670
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240480381	240480	3813690
240500381	240500	3813690
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240520381	240520	3813710
240540381	240540	3813710
240560381	240560	3813710
240580381	240580	3813710

Unmitigated Operational Health Risk Alt 3

Sywest Industrial Building - Alternative 3

Unmitigated Operational Health Risk - Assumptions

Date: 7/23/2024

	3rd	0-2	2-16	>16	Units	
DBR	361	1090	631	261	L/kg	
A	1				no units	
EF	0.95890411				years	
Constant 1	0.000001				no units	
CPF	1.1				mg/kg-day-1	
ASF	10	10	3	1	no units	
Operational - ED	**0.25**	2.00	14.00	14.00	years	
AT	70				years	
FAH	1	1	1	0.73	day	
Constant 2	1,000,000				no units	
Dose Constant	3.46E-04	1.05E-03	6.05E-04	2.50E-04		= DBR * A * EF * Constant1
Risk Constant	1.57E-01	1.57E-01	4.71E-02	1.15E-02		= CPF * ASF * (1/AT) * FHA

Source: OEHHA 2015

Dose = (Cair X DBR X A X EF X Constant 1)

- Cair = concentration in air ($\mu g/m^3$)
- DBR = daily breathing rate normalized to body weight (l/kg bod weight -day)
- A = Inhalation adsorption factor (unitless)
- EF = Exposure frequency (unitless), days/365 days
- Constant 1 = micrograms to milligrams conversion, liters to cubic meters conversion

Cancer Risk = Dose X CPF x ASF x (ED/AT) X FAH

- Dose = Daily inhalation dose (mg/kg-day)
- CPF = Inhalation cancer potency factor ($mg/kg\text{-}day^{-1}$)
- ASF = Age sensitivity factor for a specified age group (unitless)
- ED = Exposure duration (in years) for a specified age group
- AT = Averaging time for lifetime cancer risk (years)
- FAH = Fraction of time spent at home (unitless)

Risk per Million = Cancer Risk X Constant 2

FAH

If school is within the 1 per million cancer bracket:		If school is not within the 1 per milliion cancer brac	
3rd to 2 years	1	3rd to 2 years	0.85
2 to 16	1	2 to 16	0.72
16-30	0.73	16-30	0.73

Source: OEHHA 20.

Sywest Industrial Building - Alternative 3

Unmitigated Operational Health Risk - Assumptions

Concentrations

Source ID	PM10 (g/mile)	PM10 (gr/day)	PM10 (gr/sec)	PM10 (g/min)	PM10 (gr/day)	PM10 (gr/sec)
Haul 1	6.67E-03	0.03	8.56E-07			
Haul 2	1.19E-02	0.06	1.44E-06			
Haul 3	1.06E-02	0.02	5.57E-07			
Haul 4	1.19E-02	0.02	5.93E-07			
Haul 5	1.10E-02	0.04	9.78E-07			
Haul 6	1.10E-02	0.02	6E-07			
Idle				0.001086	0.130293	3.29024E-06

Sywest Industrial Building - Alternative 3
Unmitigated Operational Health Risk - Assumptions

		Distance (M)	
Sources		**One way**	**Round Trip**
Haul 1	Haul Route 1 - South Kellogg Ave to the Entrance of Prc	1022	1022
Haul 2	Haul Route 2 - South Kellogg Avenue (Between Thornw	484	968
Haul 3	Haul Route 3 - South Kellogg Avenue (North of Kellogg '	209	418
Haul 4	Haul Route 4- South Kellogg Avenue (to Holister Avenu	199	398
Haul 5	Haul Route 5 - Hollister Avenue to SR - 217_35 mph	354	708
Haul 6	Haul Route 6 - SR - 217 to Hollister Avenue_35mph	217	434
Idle	Loading Docks (assumes all trucks idle 15 minutes)	37	74

Receptors

1-347 Offsite Residential

Meteorological Data: SCAQMD Fontana Station

Elevation 367 m

Assumptions and Constants:

300	days per year operation (assumes 6 days per week operation)
0.000621371	miles/meter
8	Number of trucks Per day
11	hours per day operations
60	minutes per hour
60	seconds per minute
300	days per year operation (assumes 6 days per week operation)
15	minutes idling per day per location

ket:

15

Sywest Industrial Building - Alternative 3

Unmitigated Operational Health Risk - Assumptions

Distance (mi)
0.635041358
0.601487314
0.259733158
0.247305735
0.439930804
0.269675097
0.045981468

Sywest Industrial Building - Alternative 3
Unmitigated - - Emissions

	Unmitigated gr/mile	Unmitigated gr/vehicle/day	Unmitigated gr/min	Speed
Site/Entry/Exist (Haul 1)	0.006674253			20
Kellogg (Haul 2 +4)	0.011864985			40
Kellogg (Haul 3)	0.010622321			30
Hollister (Haul 5 + 6)	0.011004491			35
Idle		0.025631504	0.001085779	

Source: EMFAC 2021 https://arb.ca.gov/emfac/

Speed	MPH
Site Entry/Exit	20
Kellogg	40
Kellogg	30
Hollister	35

Sywest Industrial Building - Alternative 3

Unmitigated - - Risk Summary

				Cancer Risk						
Receptor #	Total Per/Million	Rec#		Onsite	Haul 1	Haul2	Haul3	Haul 4	Haul 5	Haul 6
	0.05	274	<-Max	1.1E-02	4.9E-03	4.3E-02	1.1E-03	2.6E-04	2.6E-04	1.6E-04
1	7.070E-03			5.85E-03	7.98E-04	2.30E-04	5.09E-05	4.42E-05	5.97E-05	3.83E-05
2	3.869E-03			3.04E-03	4.40E-04	2.00E-04	4.72E-05	4.37E-05	5.77E-05	3.79E-05
3	4.118E-03			3.26E-03	4.65E-04	2.03E-04	4.77E-05	4.40E-05	5.81E-05	3.81E-05
4	4.511E-03			3.61E-03	5.05E-04	2.09E-04	4.87E-05	4.47E-05	5.89E-05	3.86E-05
5	5.027E-03			4.06E-03	5.56E-04	2.15E-04	4.96E-05	4.52E-05	5.96E-05	3.91E-05
6	5.386E-03			4.38E-03	5.91E-04	2.18E-04	5.02E-05	4.56E-05	6.01E-05	3.93E-05
7	6.094E-03			5.01E-03	6.61E-04	2.25E-04	5.12E-05	4.63E-05	6.09E-05	3.98E-05
8	1.705E-03			1.07E-03	2.84E-04	1.87E-04	4.23E-05	3.36E-05	5.37E-05	3.10E-05
9	1.639E-03			1.02E-03	2.74E-04	1.86E-04	4.20E-05	3.34E-05	5.35E-05	3.09E-05
10	1.578E-03			9.70E-04	2.65E-04	1.84E-04	4.17E-05	3.32E-05	5.32E-05	3.06E-05
11	1.518E-03			9.21E-04	2.56E-04	1.83E-04	4.13E-05	3.29E-05	5.29E-05	3.04E-05
12	1.459E-03			8.74E-04	2.48E-04	1.81E-04	4.10E-05	3.27E-05	5.27E-05	3.02E-05
13	1.403E-03			8.29E-04	2.39E-04	1.80E-04	4.07E-05	3.25E-05	5.24E-05	3.00E-05
14	1.350E-03			7.87E-04	2.30E-04	1.78E-04	4.05E-05	3.23E-05	5.21E-05	2.98E-05
15	1.300E-03			7.48E-04	2.22E-04	1.76E-04	4.02E-05	3.21E-05	5.17E-05	2.96E-05
16	1.806E-03			1.14E-03	3.07E-04	1.97E-04	4.37E-05	3.46E-05	5.51E-05	3.18E-05
17	1.731E-03			1.08E-03	2.95E-04	1.95E-04	4.34E-05	3.43E-05	5.48E-05	3.16E-05
18	1.661E-03			1.02E-03	2.85E-04	1.94E-04	4.31E-05	3.41E-05	5.46E-05	3.14E-05
19	1.593E-03			9.65E-04	2.75E-04	1.92E-04	4.27E-05	3.38E-05	5.43E-05	3.12E-05
20	1.528E-03			9.12E-04	2.65E-04	1.90E-04	4.24E-05	3.36E-05	5.40E-05	3.10E-05
21	1.468E-03			8.64E-04	2.55E-04	1.89E-04	4.21E-05	3.33E-05	5.37E-05	3.08E-05
22	1.411E-03			8.20E-04	2.45E-04	1.87E-04	4.18E-05	3.31E-05	5.34E-05	3.06E-05
23	1.357E-03			7.78E-04	2.36E-04	1.85E-04	4.15E-05	3.30E-05	5.31E-05	3.04E-05
24	1.749E-03			1.07E-03	3.07E-04	2.04E-04	4.45E-05	3.50E-05	5.60E-05	3.22E-05
25	1.674E-03			1.01E-03	2.95E-04	2.02E-04	4.42E-05	3.47E-05	5.57E-05	3.20E-05
26	1.602E-03			9.53E-04	2.83E-04	2.00E-04	4.38E-05	3.45E-05	5.54E-05	3.18E-05
27	1.537E-03			9.02E-04	2.72E-04	1.98E-04	4.35E-05	3.43E-05	5.51E-05	3.15E-05
28	1.477E-03			8.55E-04	2.62E-04	1.96E-04	4.32E-05	3.40E-05	5.47E-05	3.13E-05
29	1.420E-03			8.12E-04	2.51E-04	1.94E-04	4.29E-05	3.39E-05	5.44E-05	3.11E-05
30	1.844E-03			1.12E-03	3.32E-04	2.15E-04	4.61E-05	3.60E-05	5.74E-05	3.30E-05
31	1.763E-03			1.06E-03	3.19E-04	2.13E-04	4.57E-05	3.57E-05	5.71E-05	3.28E-05

Sywest Industrial Building - Alternative 3

Unmitigated - - Risk Summary

			Cancer Risk						
Receptor #	Total Per/Million	Rec#	Onsite	Haul 1	Haul2	Haul3	Haul 4	Haul 5	Haul 6
32	1.685E-03		9.99E-04	3.05E-04	2.11E-04	4.53E-05	3.55E-05	5.68E-05	3.26E-05
33	1.616E-03		9.46E-04	2.92E-04	2.09E-04	4.50E-05	3.52E-05	5.65E-05	3.24E-05
34	1.553E-03		8.97E-04	2.81E-04	2.07E-04	4.47E-05	3.50E-05	5.62E-05	3.21E-05
35	1.492E-03		8.52E-04	2.69E-04	2.05E-04	4.44E-05	3.48E-05	5.58E-05	3.19E-05
36	1.951E-03		1.19E-03	3.60E-04	2.27E-04	4.77E-05	3.70E-05	5.89E-05	3.39E-05
37	1.864E-03		1.12E-03	3.45E-04	2.25E-04	4.73E-05	3.67E-05	5.86E-05	3.37E-05
38	1.780E-03		1.05E-03	3.29E-04	2.23E-04	4.69E-05	3.65E-05	5.83E-05	3.34E-05
39	1.707E-03		9.97E-04	3.15E-04	2.21E-04	4.66E-05	3.62E-05	5.80E-05	3.32E-05
40	1.640E-03		9.47E-04	3.02E-04	2.18E-04	4.62E-05	3.60E-05	5.76E-05	3.30E-05
41	1.576E-03		9.00E-04	2.88E-04	2.16E-04	4.59E-05	3.58E-05	5.73E-05	3.27E-05
42	3.769E-03		2.65E-03	6.74E-04	2.58E-04	5.20E-05	4.09E-05	6.10E-05	3.66E-05
43	3.654E-03		2.55E-03	6.53E-04	2.58E-04	5.20E-05	4.08E-05	6.11E-05	3.65E-05
44	3.521E-03		2.44E-03	6.30E-04	2.58E-04	5.20E-05	4.06E-05	6.12E-05	3.64E-05
45	3.372E-03		2.32E-03	6.04E-04	2.57E-04	5.19E-05	4.04E-05	6.13E-05	3.63E-05
46	3.207E-03		2.18E-03	5.77E-04	2.56E-04	5.18E-05	4.03E-05	6.14E-05	3.62E-05
47	3.034E-03		2.04E-03	5.49E-04	2.54E-04	5.17E-05	4.01E-05	6.14E-05	3.61E-05
48	2.869E-03		1.90E-03	5.24E-04	2.52E-04	5.15E-05	3.98E-05	6.14E-05	3.60E-05
49	2.074E-03		1.26E-03	3.93E-04	2.40E-04	4.94E-05	3.81E-05	6.04E-05	3.48E-05
50	1.980E-03		1.18E-03	3.76E-04	2.38E-04	4.90E-05	3.78E-05	6.01E-05	3.46E-05
51	1.891E-03		1.12E-03	3.58E-04	2.36E-04	4.86E-05	3.75E-05	5.99E-05	3.43E-05
52	1.813E-03		1.06E-03	3.42E-04	2.33E-04	4.83E-05	3.73E-05	5.95E-05	3.41E-05
53	1.742E-03		1.01E-03	3.26E-04	2.31E-04	4.79E-05	3.70E-05	5.92E-05	3.38E-05
54	1.674E-03		9.58E-04	3.11E-04	2.29E-04	4.76E-05	3.68E-05	5.89E-05	3.36E-05
55	4.501E-03		3.21E-03	8.26E-04	2.73E-04	5.35E-05	4.21E-05	6.20E-05	3.74E-05
56	4.323E-03		3.06E-03	7.91E-04	2.73E-04	5.37E-05	4.20E-05	6.23E-05	3.74E-05
57	4.152E-03		2.92E-03	7.59E-04	2.73E-04	5.38E-05	4.19E-05	6.25E-05	3.74E-05
58	3.951E-03		2.76E-03	7.23E-04	2.73E-04	5.38E-05	4.18E-05	6.27E-05	3.74E-05
59	3.746E-03		2.59E-03	6.88E-04	2.72E-04	5.37E-05	4.16E-05	6.28E-05	3.73E-05
60	3.534E-03		2.41E-03	6.55E-04	2.71E-04	5.36E-05	4.14E-05	6.29E-05	3.72E-05
61	3.315E-03		2.23E-03	6.19E-04	2.69E-04	5.35E-05	4.12E-05	6.30E-05	3.71E-05
62	3.111E-03		2.06E-03	5.88E-04	2.67E-04	5.33E-05	4.10E-05	6.30E-05	3.69E-05
63	2.927E-03		1.91E-03	5.59E-04	2.66E-04	5.31E-05	4.07E-05	6.29E-05	3.68E-05

Sywest Industrial Building - Alternative 3

Unmitigated - - Risk Summary

			Cancer Risk						
Receptor #	Total Per/Million	Rec#	Onsite	Haul 1	Haul2	Haul3	Haul 4	Haul 5	Haul 6
64	2.217E-03		1.34E-03	4.32E-04	2.55E-04	5.13E-05	3.92E-05	6.21E-05	3.57E-05
65	2.118E-03		1.27E-03	4.12E-04	2.53E-04	5.08E-05	3.89E-05	6.18E-05	3.55E-05
66	2.025E-03		1.20E-03	3.91E-04	2.50E-04	5.04E-05	3.86E-05	6.15E-05	3.52E-05
67	1.940E-03		1.14E-03	3.72E-04	2.48E-04	5.00E-05	3.84E-05	6.11E-05	3.50E-05
68	1.865E-03		1.08E-03	3.55E-04	2.45E-04	4.96E-05	3.81E-05	6.08E-05	3.47E-05
69	1.792E-03		1.03E-03	3.37E-04	2.42E-04	4.93E-05	3.79E-05	6.05E-05	3.45E-05
70	4.995E-03		3.57E-03	9.38E-04	2.89E-04	5.54E-05	4.32E-05	6.37E-05	3.84E-05
71	4.745E-03		3.36E-03	8.92E-04	2.90E-04	5.55E-05	4.31E-05	6.39E-05	3.83E-05
72	4.464E-03		3.13E-03	8.42E-04	2.90E-04	5.56E-05	4.30E-05	6.41E-05	3.83E-05
73	4.172E-03		2.89E-03	7.93E-04	2.89E-04	5.56E-05	4.29E-05	6.43E-05	3.82E-05
74	3.898E-03		2.66E-03	7.49E-04	2.88E-04	5.56E-05	4.27E-05	6.44E-05	3.82E-05
75	3.636E-03		2.44E-03	7.08E-04	2.86E-04	5.54E-05	4.25E-05	6.45E-05	3.80E-05
76	3.384E-03		2.23E-03	6.65E-04	2.84E-04	5.53E-05	4.22E-05	6.46E-05	3.79E-05
77	3.171E-03		2.06E-03	6.30E-04	2.83E-04	5.50E-05	4.20E-05	6.45E-05	3.78E-05
78	2.283E-03		1.37E-03	4.53E-04	2.69E-04	5.28E-05	4.01E-05	6.34E-05	3.65E-05
79	2.180E-03		1.29E-03	4.29E-04	2.66E-04	5.24E-05	3.98E-05	6.32E-05	3.62E-05
80	2.089E-03		1.23E-03	4.07E-04	2.63E-04	5.19E-05	3.95E-05	6.29E-05	3.60E-05
81	2.007E-03		1.17E-03	3.87E-04	2.60E-04	5.15E-05	3.92E-05	6.25E-05	3.57E-05
82	1.928E-03		1.12E-03	3.67E-04	2.57E-04	5.12E-05	3.90E-05	6.22E-05	3.55E-05
83	5.867E-03		4.21E-03	1.14E-03	3.07E-04	5.72E-05	4.44E-05	6.51E-05	3.93E-05
84	5.449E-03		3.87E-03	1.06E-03	3.08E-04	5.74E-05	4.44E-05	6.54E-05	3.93E-05
85	5.063E-03		3.55E-03	9.96E-04	3.08E-04	5.75E-05	4.43E-05	6.56E-05	3.93E-05
86	4.671E-03		3.23E-03	9.28E-04	3.08E-04	5.76E-05	4.41E-05	6.59E-05	3.92E-05
87	4.317E-03		2.93E-03	8.70E-04	3.07E-04	5.76E-05	4.40E-05	6.60E-05	3.92E-05
88	4.001E-03		2.67E-03	8.17E-04	3.05E-04	5.75E-05	4.37E-05	6.61E-05	3.91E-05
89	3.710E-03		2.44E-03	7.64E-04	3.03E-04	5.73E-05	4.35E-05	6.62E-05	3.90E-05
90	3.461E-03		2.24E-03	7.18E-04	3.01E-04	5.71E-05	4.33E-05	6.62E-05	3.88E-05
91	3.250E-03		2.07E-03	6.77E-04	2.99E-04	5.68E-05	4.30E-05	6.61E-05	3.86E-05
92	2.602E-03		1.58E-03	5.32E-04	2.89E-04	5.53E-05	4.17E-05	6.55E-05	3.77E-05
93	2.484E-03		1.50E-03	5.02E-04	2.87E-04	5.48E-05	4.14E-05	6.52E-05	3.75E-05
94	2.370E-03		1.42E-03	4.74E-04	2.84E-04	5.44E-05	4.11E-05	6.50E-05	3.72E-05
95	2.271E-03		1.35E-03	4.48E-04	2.81E-04	5.40E-05	4.08E-05	6.46E-05	3.70E-05

Sywest Industrial Building - Alternative 3

Unmitigated - - Risk Summary

			Cancer Risk						
Receptor #	Total Per/Million	Rec#	Onsite	Haul 1	Haul2	Haul3	Haul 4	Haul 5	Haul 6
96	2.179E-03		1.28E-03	4.25E-04	2.77E-04	5.35E-05	4.05E-05	6.43E-05	3.67E-05
97	2.091E-03		1.22E-03	4.02E-04	2.74E-04	5.32E-05	4.02E-05	6.39E-05	3.65E-05
98	6.293E-03		4.46E-03	1.29E-03	3.28E-04	5.94E-05	4.57E-05	6.69E-05	4.03E-05
99	5.773E-03		4.03E-03	1.20E-03	3.29E-04	5.96E-05	4.56E-05	6.72E-05	4.03E-05
100	5.278E-03		3.62E-03	1.11E-03	3.29E-04	5.97E-05	4.54E-05	6.74E-05	4.02E-05
101	4.815E-03		3.25E-03	1.03E-03	3.27E-04	5.97E-05	4.53E-05	6.77E-05	4.02E-05
102	4.445E-03		2.95E-03	9.58E-04	3.26E-04	5.96E-05	4.51E-05	6.78E-05	4.01E-05
103	4.116E-03		2.69E-03	8.93E-04	3.25E-04	5.95E-05	4.49E-05	6.79E-05	4.00E-05
104	3.825E-03		2.46E-03	8.29E-04	3.22E-04	5.93E-05	4.46E-05	6.79E-05	3.99E-05
105	3.592E-03		2.28E-03	7.78E-04	3.20E-04	5.90E-05	4.43E-05	6.79E-05	3.97E-05
106	2.872E-03		1.76E-03	5.98E-04	3.10E-04	5.75E-05	4.30E-05	6.73E-05	3.88E-05
107	2.735E-03		1.66E-03	5.62E-04	3.07E-04	5.70E-05	4.27E-05	6.71E-05	3.86E-05
108	2.606E-03		1.57E-03	5.28E-04	3.03E-04	5.66E-05	4.24E-05	6.68E-05	3.83E-05
109	2.490E-03		1.49E-03	4.97E-04	3.00E-04	5.61E-05	4.20E-05	6.65E-05	3.80E-05
110	2.385E-03		1.42E-03	4.69E-04	2.96E-04	5.57E-05	4.17E-05	6.61E-05	3.78E-05
111	2.282E-03		1.35E-03	4.42E-04	2.93E-04	5.53E-05	4.15E-05	6.58E-05	3.75E-05
112	6.641E-03		4.58E-03	1.49E-03	3.51E-04	6.17E-05	4.70E-05	6.88E-05	4.13E-05
113	6.020E-03		4.08E-03	1.37E-03	3.52E-04	6.18E-05	4.68E-05	6.91E-05	4.13E-05
114	5.463E-03		3.65E-03	1.25E-03	3.51E-04	6.19E-05	4.67E-05	6.93E-05	4.13E-05
115	5.011E-03		3.30E-03	1.14E-03	3.50E-04	6.19E-05	4.65E-05	6.95E-05	4.12E-05
116	4.642E-03		3.02E-03	1.06E-03	3.48E-04	6.18E-05	4.63E-05	6.96E-05	4.11E-05
117	4.308E-03		2.77E-03	9.74E-04	3.46E-04	6.17E-05	4.61E-05	6.97E-05	4.10E-05
118	4.030E-03		2.57E-03	9.02E-04	3.44E-04	6.14E-05	4.58E-05	6.97E-05	4.08E-05
119	3.798E-03		2.40E-03	8.41E-04	3.42E-04	6.11E-05	4.54E-05	6.96E-05	4.06E-05
120	3.215E-03		1.99E-03	6.81E-04	3.33E-04	5.98E-05	4.44E-05	6.92E-05	3.99E-05
121	3.043E-03		1.87E-03	6.34E-04	3.29E-04	5.94E-05	4.41E-05	6.90E-05	3.97E-05
122	2.896E-03		1.77E-03	5.93E-04	3.26E-04	5.89E-05	4.37E-05	6.87E-05	3.94E-05
123	2.756E-03		1.67E-03	5.55E-04	3.22E-04	5.84E-05	4.34E-05	6.84E-05	3.91E-05
124	2.629E-03		1.58E-03	5.21E-04	3.18E-04	5.80E-05	4.31E-05	6.81E-05	3.89E-05
125	2.510E-03		1.50E-03	4.89E-04	3.13E-04	5.76E-05	4.28E-05	6.77E-05	3.86E-05
126	7.766E-03		5.26E-03	1.90E-03	3.76E-04	6.39E-05	4.84E-05	7.05E-05	4.24E-05
127	6.989E-03		4.67E-03	1.71E-03	3.77E-04	6.42E-05	4.83E-05	7.08E-05	4.24E-05

Sywest Industrial Building - Alternative 3

Unmitigated - - Risk Summary

			Cancer Risk						
Receptor #	Total Per/Million	Rec#	Onsite	Haul 1	Haul2	Haul3	Haul 4	Haul 5	Haul 6
128	6.345E-03		4.20E-03	1.54E-03	3.77E-04	6.43E-05	4.82E-05	7.10E-05	4.24E-05
129	5.778E-03		3.79E-03	1.39E-03	3.76E-04	6.43E-05	4.80E-05	7.13E-05	4.24E-05
130	5.340E-03		3.47E-03	1.27E-03	3.75E-04	6.43E-05	4.78E-05	7.14E-05	4.23E-05
131	4.955E-03		3.20E-03	1.16E-03	3.73E-04	6.41E-05	4.75E-05	7.15E-05	4.21E-05
132	4.606E-03		2.95E-03	1.06E-03	3.71E-04	6.39E-05	4.73E-05	7.16E-05	4.20E-05
133	4.328E-03		2.76E-03	9.78E-04	3.69E-04	6.36E-05	4.69E-05	7.15E-05	4.18E-05
134	3.405E-03		2.12E-03	7.15E-04	3.54E-04	6.19E-05	4.55E-05	7.10E-05	4.09E-05
135	3.234E-03		2.00E-03	6.68E-04	3.51E-04	6.14E-05	4.52E-05	7.07E-05	4.06E-05
136	3.072E-03		1.89E-03	6.23E-04	3.46E-04	6.09E-05	4.48E-05	7.04E-05	4.03E-05
137	2.917E-03		1.78E-03	5.81E-04	3.42E-04	6.04E-05	4.45E-05	7.01E-05	4.00E-05
138	2.772E-03		1.68E-03	5.43E-04	3.37E-04	6.00E-05	4.42E-05	6.98E-05	3.98E-05
139	8.350E-03		5.53E-03	2.18E-03	4.06E-04	6.66E-05	4.99E-05	7.26E-05	4.36E-05
140	7.560E-03		4.99E-03	1.93E-03	4.07E-04	6.68E-05	4.97E-05	7.28E-05	4.36E-05
141	6.858E-03		4.50E-03	1.71E-03	4.06E-04	6.69E-05	4.96E-05	7.31E-05	4.35E-05
142	6.279E-03		4.11E-03	1.53E-03	4.05E-04	6.69E-05	4.94E-05	7.33E-05	4.35E-05
143	5.809E-03		3.78E-03	1.39E-03	4.04E-04	6.67E-05	4.91E-05	7.34E-05	4.33E-05
144	5.373E-03		3.48E-03	1.26E-03	4.01E-04	6.65E-05	4.88E-05	7.35E-05	4.32E-05
145	4.998E-03		3.22E-03	1.14E-03	3.99E-04	6.63E-05	4.85E-05	7.35E-05	4.30E-05
146	4.680E-03		3.00E-03	1.05E-03	3.96E-04	6.59E-05	4.81E-05	7.35E-05	4.28E-05
147	3.852E-03		2.43E-03	8.16E-04	3.84E-04	6.46E-05	4.71E-05	7.31E-05	4.21E-05
148	3.635E-03		2.27E-03	7.56E-04	3.79E-04	6.40E-05	4.67E-05	7.28E-05	4.18E-05
149	3.433E-03		2.13E-03	7.01E-04	3.74E-04	6.35E-05	4.63E-05	7.25E-05	4.15E-05
150	3.247E-03		2.00E-03	6.52E-04	3.69E-04	6.30E-05	4.60E-05	7.22E-05	4.12E-05
151	3.073E-03		1.88E-03	6.05E-04	3.64E-04	6.26E-05	4.57E-05	7.19E-05	4.10E-05
152	1.033E-02		6.84E-03	2.81E-03	4.38E-04	6.91E-05	5.15E-05	7.44E-05	4.48E-05
153	9.238E-03		6.13E-03	2.43E-03	4.40E-04	6.94E-05	5.13E-05	7.47E-05	4.48E-05
154	8.326E-03		5.52E-03	2.12E-03	4.41E-04	6.95E-05	5.12E-05	7.50E-05	4.48E-05
155	7.532E-03		4.98E-03	1.87E-03	4.40E-04	6.96E-05	5.10E-05	7.53E-05	4.47E-05
156	6.894E-03		4.55E-03	1.67E-03	4.39E-04	6.95E-05	5.08E-05	7.54E-05	4.46E-05
157	6.338E-03		4.16E-03	1.50E-03	4.37E-04	6.93E-05	5.05E-05	7.55E-05	4.44E-05
158	5.841E-03		3.82E-03	1.35E-03	4.34E-04	6.91E-05	5.02E-05	7.56E-05	4.43E-05
159	5.405E-03		3.51E-03	1.22E-03	4.31E-04	6.88E-05	4.98E-05	7.56E-05	4.41E-05

Sywest Industrial Building - Alternative 3

Unmitigated - - Risk Summary

			Cancer Risk						
Receptor #	Total Per/Million	Rec#	Onsite	Haul 1	Haul2	Haul3	Haul 4	Haul 5	Haul 6
160	5.011E-03		3.24E-03	1.11E-03	4.26E-04	6.84E-05	4.95E-05	7.56E-05	4.39E-05
161	4.670E-03		3.00E-03	1.02E-03	4.22E-04	6.79E-05	4.91E-05	7.54E-05	4.36E-05
162	4.359E-03		2.78E-03	9.31E-04	4.17E-04	6.74E-05	4.87E-05	7.53E-05	4.34E-05
163	4.082E-03		2.58E-03	8.56E-04	4.11E-04	6.69E-05	4.83E-05	7.51E-05	4.31E-05
164	3.835E-03		2.41E-03	7.90E-04	4.06E-04	6.64E-05	4.79E-05	7.48E-05	4.28E-05
165	3.617E-03		2.25E-03	7.32E-04	4.01E-04	6.58E-05	4.76E-05	7.44E-05	4.25E-05
166	3.411E-03		2.11E-03	6.78E-04	3.95E-04	6.53E-05	4.72E-05	7.41E-05	4.22E-05
167	1.150E-02		7.72E-03	3.05E-03	4.79E-04	7.21E-05	5.31E-05	7.66E-05	4.61E-05
168	1.024E-02		6.87E-03	2.64E-03	4.80E-04	7.24E-05	5.29E-05	7.70E-05	4.60E-05
169	9.146E-03		6.12E-03	2.29E-03	4.80E-04	7.25E-05	5.27E-05	7.73E-05	4.60E-05
170	8.230E-03		5.49E-03	2.01E-03	4.79E-04	7.25E-05	5.25E-05	7.75E-05	4.59E-05
171	7.476E-03		4.96E-03	1.79E-03	4.77E-04	7.24E-05	5.22E-05	7.77E-05	4.58E-05
172	6.815E-03		4.50E-03	1.60E-03	4.74E-04	7.22E-05	5.19E-05	7.78E-05	4.56E-05
173	6.233E-03		4.09E-03	1.43E-03	4.70E-04	7.19E-05	5.16E-05	7.78E-05	4.55E-05
174	5.725E-03		3.73E-03	1.29E-03	4.65E-04	7.15E-05	5.12E-05	7.78E-05	4.53E-05
175	5.298E-03		3.43E-03	1.17E-03	4.60E-04	7.11E-05	5.08E-05	7.77E-05	4.50E-05
176	4.916E-03		3.16E-03	1.06E-03	4.54E-04	7.06E-05	5.04E-05	7.76E-05	4.47E-05
177	4.578E-03		2.92E-03	9.71E-04	4.48E-04	7.00E-05	5.00E-05	7.74E-05	4.45E-05
178	4.281E-03		2.71E-03	8.92E-04	4.43E-04	6.94E-05	4.96E-05	7.71E-05	4.42E-05
179	4.017E-03		2.52E-03	8.23E-04	4.37E-04	6.88E-05	4.92E-05	7.68E-05	4.38E-05
180	3.771E-03		2.35E-03	7.58E-04	4.30E-04	6.83E-05	4.89E-05	7.64E-05	4.35E-05
181	1.452E-02		9.79E-03	3.95E-03	5.24E-04	7.50E-05	5.48E-05	7.85E-05	4.73E-05
182	1.256E-02		8.47E-03	3.31E-03	5.26E-04	7.54E-05	5.47E-05	7.90E-05	4.74E-05
183	1.106E-02		7.44E-03	2.84E-03	5.27E-04	7.55E-05	5.45E-05	7.93E-05	4.73E-05
184	9.805E-03		6.57E-03	2.46E-03	5.26E-04	7.56E-05	5.43E-05	7.96E-05	4.73E-05
185	8.772E-03		5.84E-03	2.15E-03	5.25E-04	7.56E-05	5.41E-05	7.99E-05	4.72E-05
186	7.909E-03		5.24E-03	1.89E-03	5.22E-04	7.54E-05	5.38E-05	8.00E-05	4.70E-05
187	7.168E-03		4.72E-03	1.68E-03	5.17E-04	7.52E-05	5.34E-05	8.01E-05	4.69E-05
188	6.537E-03		4.27E-03	1.50E-03	5.12E-04	7.48E-05	5.31E-05	8.01E-05	4.66E-05
189	5.997E-03		3.89E-03	1.35E-03	5.06E-04	7.44E-05	5.27E-05	8.01E-05	4.64E-05
190	5.528E-03		3.56E-03	1.22E-03	5.00E-04	7.38E-05	5.23E-05	7.99E-05	4.61E-05
191	5.116E-03		3.27E-03	1.11E-03	4.93E-04	7.33E-05	5.18E-05	7.97E-05	4.59E-05

Sywest Industrial Building - Alternative 3

Unmitigated - - Risk Summary

			Cancer Risk						
Receptor #	Total Per/Million	Rec#	Onsite	Haul 1	Haul2	Haul3	Haul 4	Haul 5	Haul 6
192	4.754E-03		3.01E-03	1.01E-03	4.86E-04	7.27E-05	5.14E-05	7.95E-05	4.55E-05
193	4.434E-03		2.78E-03	9.24E-04	4.79E-04	7.21E-05	5.10E-05	7.92E-05	4.52E-05
194	4.142E-03		2.58E-03	8.46E-04	4.70E-04	7.15E-05	5.06E-05	7.89E-05	4.49E-05
195	1.517E-02		1.01E-02	4.20E-03	5.79E-04	7.85E-05	5.66E-05	8.11E-05	4.88E-05
196	1.314E-02		8.76E-03	3.54E-03	5.82E-04	7.88E-05	5.64E-05	8.15E-05	4.87E-05
197	1.150E-02		7.64E-03	3.01E-03	5.83E-04	7.89E-05	5.62E-05	8.18E-05	4.87E-05
198	1.014E-02		6.71E-03	2.58E-03	5.80E-04	7.90E-05	5.60E-05	8.21E-05	4.86E-05
199	9.041E-03		5.96E-03	2.24E-03	5.77E-04	7.89E-05	5.57E-05	8.24E-05	4.85E-05
200	8.126E-03		5.32E-03	1.97E-03	5.72E-04	7.87E-05	5.54E-05	8.25E-05	4.83E-05
201	7.356E-03		4.78E-03	1.74E-03	5.67E-04	7.84E-05	5.50E-05	8.26E-05	4.81E-05
202	6.701E-03		4.33E-03	1.55E-03	5.60E-04	7.79E-05	5.46E-05	8.25E-05	4.79E-05
203	6.139E-03		3.93E-03	1.39E-03	5.53E-04	7.74E-05	5.42E-05	8.24E-05	4.76E-05
204	5.650E-03		3.59E-03	1.25E-03	5.44E-04	7.68E-05	5.38E-05	8.23E-05	4.73E-05
205	5.222E-03		3.29E-03	1.13E-03	5.36E-04	7.62E-05	5.33E-05	8.21E-05	4.70E-05
206	4.849E-03		3.03E-03	1.03E-03	5.27E-04	7.56E-05	5.29E-05	8.18E-05	4.67E-05
207	4.514E-03		2.80E-03	9.41E-04	5.17E-04	7.50E-05	5.25E-05	8.15E-05	4.64E-05
208	1.521E-02		9.88E-03	4.41E-03	6.47E-04	8.23E-05	5.85E-05	8.37E-05	5.02E-05
209	1.315E-02		8.55E-03	3.68E-03	6.50E-04	8.25E-05	5.83E-05	8.41E-05	5.02E-05
210	1.150E-02		7.47E-03	3.11E-03	6.49E-04	8.26E-05	5.80E-05	8.45E-05	5.01E-05
211	1.016E-02		6.59E-03	2.66E-03	6.45E-04	8.26E-05	5.78E-05	8.48E-05	5.00E-05
212	9.067E-03		5.85E-03	2.30E-03	6.39E-04	8.25E-05	5.75E-05	8.50E-05	4.99E-05
213	8.155E-03		5.23E-03	2.01E-03	6.32E-04	8.22E-05	5.71E-05	8.51E-05	4.97E-05
214	7.387E-03		4.71E-03	1.78E-03	6.24E-04	8.18E-05	5.67E-05	8.51E-05	4.95E-05
215	6.729E-03		4.26E-03	1.58E-03	6.14E-04	8.13E-05	5.63E-05	8.51E-05	4.92E-05
216	6.166E-03		3.88E-03	1.41E-03	6.05E-04	8.07E-05	5.58E-05	8.50E-05	4.89E-05
217	5.679E-03		3.55E-03	1.27E-03	5.94E-04	8.01E-05	5.54E-05	8.48E-05	4.86E-05
218	5.254E-03		3.25E-03	1.15E-03	5.84E-04	7.94E-05	5.49E-05	8.45E-05	4.83E-05
219	4.878E-03		3.00E-03	1.04E-03	5.72E-04	7.88E-05	5.45E-05	8.42E-05	4.79E-05
220	9.945E-03		6.25E-03	2.69E-03	7.23E-04	8.65E-05	5.96E-05	8.75E-05	5.15E-05
221	8.905E-03		5.58E-03	2.33E-03	7.14E-04	8.63E-05	5.93E-05	8.77E-05	5.13E-05
222	8.033E-03		5.01E-03	2.03E-03	7.04E-04	8.59E-05	5.89E-05	8.78E-05	5.11E-05
223	7.294E-03		4.53E-03	1.79E-03	6.92E-04	8.54E-05	5.84E-05	8.78E-05	5.08E-05

Sywest Industrial Building - Alternative 3

Unmitigated - - Risk Summary

			Cancer Risk						
Receptor #	Total Per/Million	Rec#	Onsite	Haul 1	Haul2	Haul3	Haul 4	Haul 5	Haul 6
224	6.661E-03		4.11E-03	1.59E-03	6.80E-04	8.49E-05	5.80E-05	8.77E-05	5.06E-05
225	6.115E-03		3.75E-03	1.42E-03	6.66E-04	8.42E-05	5.75E-05	8.75E-05	5.03E-05
226	5.640E-03		3.44E-03	1.27E-03	6.52E-04	8.36E-05	5.70E-05	8.73E-05	4.99E-05
227	5.222E-03		3.16E-03	1.15E-03	6.37E-04	8.29E-05	5.66E-05	8.70E-05	4.96E-05
228	9.572E-03		5.80E-03	2.67E-03	8.13E-04	9.07E-05	6.16E-05	9.04E-05	5.30E-05
229	8.611E-03		5.21E-03	2.31E-03	8.00E-04	9.04E-05	6.12E-05	9.06E-05	5.28E-05
230	7.800E-03		4.71E-03	2.01E-03	7.86E-04	8.99E-05	6.07E-05	9.06E-05	5.26E-05
231	7.108E-03		4.28E-03	1.77E-03	7.69E-04	8.94E-05	6.03E-05	9.06E-05	5.23E-05
232	6.513E-03		3.90E-03	1.57E-03	7.52E-04	8.88E-05	5.98E-05	9.05E-05	5.20E-05
233	5.995E-03		3.57E-03	1.40E-03	7.33E-04	8.81E-05	5.93E-05	9.03E-05	5.17E-05
234	5.541E-03		3.28E-03	1.26E-03	7.12E-04	8.74E-05	5.89E-05	9.01E-05	5.13E-05
235	1.644E-02		1.07E-02	4.86E-03	6.45E-04	8.21E-05	5.85E-05	8.35E-05	5.02E-05
236	1.582E-02		9.88E-03	4.93E-03	7.27E-04	8.62E-05	6.05E-05	8.63E-05	5.18E-05
237	1.365E-02		8.56E-03	4.07E-03	7.31E-04	8.64E-05	6.03E-05	8.67E-05	5.17E-05
238	1.193E-02		7.50E-03	3.41E-03	7.30E-04	8.66E-05	6.01E-05	8.71E-05	5.16E-05
239	1.489E-02		8.87E-03	4.90E-03	8.30E-04	9.06E-05	6.26E-05	8.93E-05	5.34E-05
240	1.294E-02		7.78E-03	4.04E-03	8.30E-04	9.09E-05	6.24E-05	8.97E-05	5.33E-05
241	1.139E-02		6.88E-03	3.39E-03	8.27E-04	9.09E-05	6.21E-05	9.00E-05	5.32E-05
242	1.012E-02		6.13E-03	2.88E-03	8.19E-04	9.08E-05	6.18E-05	9.03E-05	5.31E-05
243	7.705E-03		1.08E-03	4.53E-04	5.37E-03	3.10E-04	1.83E-04	1.83E-04	1.24E-04
244	8.652E-03		1.06E-03	4.43E-04	6.30E-03	3.41E-04	1.90E-04	1.89E-04	1.28E-04
245	9.887E-03		1.04E-03	4.36E-04	7.52E-03	3.77E-04	1.96E-04	1.96E-04	1.31E-04
246	1.156E-02		1.01E-03	4.29E-04	9.17E-03	4.18E-04	2.01E-04	2.02E-04	1.34E-04
247	1.389E-02		9.88E-04	4.22E-04	1.15E-02	4.64E-04	2.06E-04	2.08E-04	1.36E-04
248	1.737E-02		9.64E-04	4.13E-04	1.49E-02	5.15E-04	2.09E-04	2.14E-04	1.38E-04
249	2.296E-02		9.41E-04	4.04E-04	2.05E-02	5.70E-04	2.12E-04	2.20E-04	1.40E-04
250	3.315E-02		9.18E-04	3.94E-04	3.06E-02	6.27E-04	2.14E-04	2.25E-04	1.42E-04
251	2.958E-02		8.96E-04	3.83E-04	2.70E-02	6.82E-04	2.15E-04	2.31E-04	1.43E-04
252	5.904E-03		1.05E-03	4.31E-04	3.68E-03	2.69E-04	1.78E-04	1.75E-04	1.22E-04
253	6.456E-03		1.03E-03	4.18E-04	4.22E-03	2.94E-04	1.86E-04	1.82E-04	1.26E-04
254	7.119E-03		1.01E-03	4.08E-04	4.86E-03	3.24E-04	1.93E-04	1.88E-04	1.30E-04
255	7.938E-03		9.91E-04	4.01E-04	5.66E-03	3.58E-04	2.01E-04	1.95E-04	1.33E-04

Sywest Industrial Building - Alternative 3

Unmitigated - - Risk Summary

			Cancer Risk						
Receptor #	Total Per/Million	Rec#	Onsite	Haul 1	Haul2	Haul3	Haul 4	Haul 5	Haul 6
256	8.978E-03		9.70E-04	3.95E-04	6.67E-03	3.98E-04	2.08E-04	2.02E-04	1.37E-04
257	1.032E-02		9.49E-04	3.89E-04	7.97E-03	4.45E-04	2.15E-04	2.09E-04	1.40E-04
258	1.216E-02		9.27E-04	3.83E-04	9.77E-03	4.99E-04	2.21E-04	2.16E-04	1.43E-04
259	1.476E-02		9.06E-04	3.76E-04	1.23E-02	5.62E-04	2.26E-04	2.23E-04	1.46E-04
260	1.876E-02		8.85E-04	3.68E-04	1.63E-02	6.34E-04	2.30E-04	2.30E-04	1.48E-04
261	2.557E-02		8.64E-04	3.60E-04	2.30E-02	7.13E-04	2.33E-04	2.36E-04	1.50E-04
262	3.870E-02		8.44E-04	3.52E-04	3.61E-02	7.94E-04	2.35E-04	2.42E-04	1.52E-04
263	5.557E-03		9.78E-04	3.90E-04	3.42E-03	2.79E-04	1.85E-04	1.79E-04	1.26E-04
264	6.037E-03		9.62E-04	3.79E-04	3.88E-03	3.06E-04	1.94E-04	1.86E-04	1.30E-04
265	6.618E-03		9.46E-04	3.71E-04	4.43E-03	3.38E-04	2.04E-04	1.94E-04	1.35E-04
266	7.319E-03		9.28E-04	3.64E-04	5.10E-03	3.76E-04	2.13E-04	2.01E-04	1.39E-04
267	8.195E-03		9.10E-04	3.59E-04	5.93E-03	4.21E-04	2.22E-04	2.09E-04	1.43E-04
268	9.301E-03		8.90E-04	3.54E-04	6.99E-03	4.74E-04	2.30E-04	2.17E-04	1.47E-04
269	1.078E-02		8.72E-04	3.49E-04	8.41E-03	5.37E-04	2.38E-04	2.25E-04	1.51E-04
270	1.282E-02		8.53E-04	3.43E-04	1.04E-02	6.12E-04	2.45E-04	2.33E-04	1.54E-04
271	1.584E-02		8.34E-04	3.38E-04	1.33E-02	7.01E-04	2.50E-04	2.40E-04	1.57E-04
272	2.064E-02		8.16E-04	3.31E-04	1.80E-02	8.06E-04	2.54E-04	2.48E-04	1.60E-04
273	2.910E-02		7.98E-04	3.24E-04	2.64E-02	9.24E-04	2.57E-04	2.54E-04	1.62E-04
274	4.620E-02		7.79E-04	3.16E-04	4.34E-02	1.05E-03	2.59E-04	2.61E-04	1.63E-04
275	5.240E-03		9.14E-04	3.55E-04	3.18E-03	2.89E-04	1.93E-04	1.84E-04	1.30E-04
276	5.673E-03		9.01E-04	3.45E-04	3.58E-03	3.19E-04	2.03E-04	1.91E-04	1.35E-04
277	6.182E-03		8.86E-04	3.38E-04	4.05E-03	3.54E-04	2.14E-04	1.99E-04	1.40E-04
278	6.791E-03		8.71E-04	3.32E-04	4.62E-03	3.95E-04	2.25E-04	2.08E-04	1.45E-04
279	7.538E-03		8.54E-04	3.28E-04	5.31E-03	4.44E-04	2.36E-04	2.16E-04	1.50E-04
280	8.473E-03		8.38E-04	3.24E-04	6.18E-03	5.04E-04	2.46E-04	2.25E-04	1.54E-04
281	9.674E-03		8.20E-04	3.19E-04	7.31E-03	5.76E-04	2.56E-04	2.34E-04	1.59E-04
282	1.131E-02		8.04E-04	3.15E-04	8.86E-03	6.64E-04	2.65E-04	2.42E-04	1.63E-04
283	1.364E-02		7.87E-04	3.10E-04	1.11E-02	7.73E-04	2.73E-04	2.51E-04	1.66E-04
284	1.715E-02		7.71E-04	3.05E-04	1.45E-02	9.08E-04	2.79E-04	2.59E-04	1.70E-04
285	2.290E-02		7.54E-04	2.99E-04	2.01E-02	1.07E-03	2.84E-04	2.68E-04	1.72E-04
286	3.350E-02		7.38E-04	2.92E-04	3.05E-02	1.27E-03	2.87E-04	2.75E-04	1.74E-04
287	4.958E-03		8.56E-04	3.24E-04	2.96E-03	2.99E-04	2.00E-04	1.88E-04	1.34E-04

Sywest Industrial Building - Alternative 3

Unmitigated - - Risk Summary

			Cancer Risk						
Receptor #	Total Per/Million	Rec#	Onsite	Haul 1	Haul2	Haul3	Haul 4	Haul 5	Haul 6
288	5.345E-03		8.44E-04	3.16E-04	3.31E-03	3.31E-04	2.12E-04	1.96E-04	1.40E-04
289	5.794E-03		8.31E-04	3.09E-04	3.71E-03	3.69E-04	2.25E-04	2.05E-04	1.45E-04
290	6.330E-03		8.18E-04	3.04E-04	4.19E-03	4.14E-04	2.37E-04	2.14E-04	1.51E-04
291	6.975E-03		8.04E-04	3.00E-04	4.77E-03	4.69E-04	2.50E-04	2.23E-04	1.57E-04
292	7.781E-03		7.89E-04	2.97E-04	5.50E-03	5.35E-04	2.63E-04	2.33E-04	1.62E-04
293	8.797E-03		7.74E-04	2.94E-04	6.43E-03	6.17E-04	2.76E-04	2.43E-04	1.67E-04
294	1.015E-02		7.59E-04	2.90E-04	7.67E-03	7.19E-04	2.87E-04	2.52E-04	1.72E-04
295	1.200E-02		7.45E-04	2.86E-04	9.39E-03	8.49E-04	2.98E-04	2.62E-04	1.76E-04
296	1.468E-02		7.30E-04	2.82E-04	1.19E-02	1.02E-03	3.06E-04	2.72E-04	1.80E-04
297	1.880E-02		7.15E-04	2.77E-04	1.58E-02	1.24E-03	3.13E-04	2.81E-04	1.84E-04
298	2.582E-02		7.00E-04	2.72E-04	2.25E-02	1.52E-03	3.18E-04	2.90E-04	1.86E-04
299	4.703E-03		8.03E-04	2.98E-04	2.76E-03	3.09E-04	2.07E-04	1.92E-04	1.38E-04
300	5.054E-03		7.93E-04	2.90E-04	3.06E-03	3.43E-04	2.21E-04	2.01E-04	1.44E-04
301	5.457E-03		7.82E-04	2.84E-04	3.41E-03	3.84E-04	2.35E-04	2.11E-04	1.51E-04
302	5.931E-03		7.70E-04	2.80E-04	3.82E-03	4.33E-04	2.50E-04	2.20E-04	1.57E-04
303	6.505E-03		7.58E-04	2.77E-04	4.32E-03	4.92E-04	2.65E-04	2.31E-04	1.64E-04
304	7.193E-03		7.45E-04	2.74E-04	4.92E-03	5.66E-04	2.81E-04	2.41E-04	1.70E-04
305	8.071E-03		7.32E-04	2.71E-04	5.69E-03	6.58E-04	2.96E-04	2.52E-04	1.76E-04
306	9.195E-03		7.18E-04	2.68E-04	6.68E-03	7.75E-04	3.11E-04	2.63E-04	1.81E-04
307	1.070E-02		7.05E-04	2.65E-04	8.02E-03	9.28E-04	3.25E-04	2.74E-04	1.87E-04
308	1.278E-02		6.92E-04	2.61E-04	9.88E-03	1.13E-03	3.37E-04	2.85E-04	1.92E-04
309	1.582E-02		6.78E-04	2.57E-04	1.26E-02	1.41E-03	3.48E-04	2.96E-04	1.96E-04
310	2.075E-02		6.65E-04	2.53E-04	1.72E-02	1.81E-03	3.55E-04	3.06E-04	2.00E-04
311	4.475E-03		7.55E-04	2.75E-04	2.57E-03	3.19E-04	2.15E-04	1.96E-04	1.42E-04
312	4.796E-03		7.47E-04	2.68E-04	2.84E-03	3.55E-04	2.30E-04	2.06E-04	1.49E-04
313	5.164E-03		7.37E-04	2.63E-04	3.15E-03	3.98E-04	2.46E-04	2.16E-04	1.56E-04
314	5.591E-03		7.27E-04	2.59E-04	3.50E-03	4.51E-04	2.63E-04	2.27E-04	1.63E-04
315	6.092E-03		7.15E-04	2.56E-04	3.92E-03	5.15E-04	2.81E-04	2.38E-04	1.71E-04
316	6.667E-03		6.77E-04	2.53E-04	4.42E-03	5.95E-04	2.99E-04	2.50E-04	1.78E-04
317	7.431E-03		6.73E-04	2.51E-04	5.05E-03	6.97E-04	3.18E-04	2.61E-04	1.85E-04
318	8.371E-03		6.55E-04	2.48E-04	5.84E-03	8.29E-04	3.37E-04	2.74E-04	1.92E-04
319	9.639E-03		6.68E-04	2.46E-04	6.88E-03	1.00E-03	3.55E-04	2.86E-04	1.98E-04

Sywest Industrial Building - Alternative 3

Unmitigated - - Risk Summary

			Cancer Risk						
Receptor #	Total Per/Million	Rec#	Onsite	Haul 1	Haul2	Haul3	Haul 4	Haul 5	Haul 6
320	1.130E-02		6.56E-04	2.43E-04	8.28E-03	1.25E-03	3.72E-04	2.98E-04	2.04E-04
321	1.366E-02		6.44E-04	2.39E-04	1.03E-02	1.59E-03	3.87E-04	3.11E-04	2.09E-04
322	1.722E-02		6.32E-04	2.36E-04	1.33E-02	2.12E-03	3.99E-04	3.23E-04	2.14E-04
323	4.266E-03		7.11E-04	2.54E-04	2.40E-03	3.27E-04	2.22E-04	2.01E-04	1.46E-04
324	4.558E-03		7.04E-04	2.48E-04	2.64E-03	3.65E-04	2.38E-04	2.11E-04	1.54E-04
325	4.893E-03		6.95E-04	2.44E-04	2.90E-03	4.11E-04	2.56E-04	2.22E-04	1.62E-04
326	5.242E-03		6.59E-04	2.39E-04	3.20E-03	4.66E-04	2.76E-04	2.33E-04	1.70E-04
327	5.728E-03		6.70E-04	2.37E-04	3.57E-03	5.35E-04	2.96E-04	2.45E-04	1.78E-04
328	6.248E-03		6.41E-04	2.35E-04	3.99E-03	6.22E-04	3.18E-04	2.58E-04	1.86E-04
329	6.954E-03		6.57E-04	2.34E-04	4.52E-03	7.32E-04	3.41E-04	2.71E-04	1.94E-04
330	7.726E-03		6.21E-04	2.31E-04	5.15E-03	8.77E-04	3.65E-04	2.84E-04	2.02E-04
331	8.759E-03		6.11E-04	2.29E-04	5.95E-03	1.07E-03	3.88E-04	2.98E-04	2.10E-04
332	1.013E-02		6.13E-04	2.26E-04	7.00E-03	1.35E-03	4.11E-04	3.13E-04	2.17E-04
333	1.200E-02		6.13E-04	2.23E-04	8.43E-03	1.76E-03	4.32E-04	3.27E-04	2.24E-04
334	1.464E-02		6.02E-04	2.20E-04	1.04E-02	2.40E-03	4.50E-04	3.41E-04	2.30E-04
335	4.074E-03		6.71E-04	2.36E-04	2.25E-03	3.34E-04	2.30E-04	2.05E-04	1.50E-04
336	4.343E-03		6.64E-04	2.30E-04	2.45E-03	3.74E-04	2.47E-04	2.16E-04	1.59E-04
337	4.643E-03		6.51E-04	2.26E-04	2.68E-03	4.22E-04	2.67E-04	2.27E-04	1.67E-04
338	4.967E-03		6.23E-04	2.21E-04	2.94E-03	4.79E-04	2.89E-04	2.40E-04	1.76E-04
339	5.389E-03		6.16E-04	2.20E-04	3.25E-03	5.53E-04	3.12E-04	2.53E-04	1.85E-04
340	5.873E-03		6.06E-04	2.18E-04	3.61E-03	6.44E-04	3.38E-04	2.66E-04	1.95E-04
341	6.498E-03		6.23E-04	2.18E-04	4.04E-03	7.63E-04	3.65E-04	2.80E-04	2.04E-04

Sywest Industrial Building - Alternative 3

Unmitigated - - Risk Summary

		Chronic Non Cancer Risk									
Receptor #	**Receptor #**	**Max Chronic**	**Rec#**		**Onsite**	**Haul 1**	**Haul2**	**Haul3**	**Haul 4**	**Haul 5**	**Haul 6**
		0.0000	**274**	**<-Max**	**2.7296E-06**	**1.2620E-06**	**1.1097E-05**	**2.6943E-07**	**6.6353E-08**	**6.6889E-08**	**4.1807E-08**
1	**1**	1.8089E-06			1.50E-06	2.04E-07	5.88E-08	1.30E-08	1.13E-08	1.53E-08	9.80E-09
2	**2**	9.8999E-07			7.79E-07	1.13E-07	5.11E-08	1.21E-08	1.12E-08	1.48E-08	9.69E-09
3	**3**	1.0537E-06			8.35E-07	1.19E-07	5.19E-08	1.22E-08	1.13E-08	1.49E-08	9.75E-09
4	**4**	1.1543E-06			9.23E-07	1.29E-07	5.34E-08	1.25E-08	1.14E-08	1.51E-08	9.88E-09
5	**5**	1.2863E-06			1.04E-06	1.42E-07	5.49E-08	1.27E-08	1.16E-08	1.53E-08	9.99E-09
6	**6**	1.3781E-06			1.12E-06	1.51E-07	5.59E-08	1.28E-08	1.17E-08	1.54E-08	1.01E-08
7	**7**	1.5594E-06			1.28E-06	1.69E-07	5.77E-08	1.31E-08	1.18E-08	1.56E-08	1.02E-08
8	**8**	4.3629E-07			2.75E-07	7.27E-08	4.80E-08	1.08E-08	8.61E-09	1.37E-08	7.94E-09
9	**9**	4.1950E-07			2.61E-07	7.01E-08	4.76E-08	1.07E-08	8.55E-09	1.37E-08	7.89E-09
10	**10**	4.0384E-07			2.48E-07	6.79E-08	4.72E-08	1.07E-08	8.48E-09	1.36E-08	7.84E-09
11	**11**	3.8850E-07			2.36E-07	6.56E-08	4.68E-08	1.06E-08	8.42E-09	1.35E-08	7.79E-09
12	**12**	3.7341E-07			2.24E-07	6.33E-08	4.64E-08	1.05E-08	8.36E-09	1.35E-08	7.73E-09
13	**13**	3.5900E-07			2.12E-07	6.11E-08	4.60E-08	1.04E-08	8.31E-09	1.34E-08	7.68E-09
14	**14**	3.4531E-07			2.01E-07	5.89E-08	4.55E-08	1.04E-08	8.26E-09	1.33E-08	7.63E-09
15	**15**	3.3254E-07			1.91E-07	5.68E-08	4.51E-08	1.03E-08	8.21E-09	1.32E-08	7.58E-09
16	**16**	4.6204E-07			2.91E-07	7.84E-08	5.04E-08	1.12E-08	8.85E-09	1.41E-08	8.14E-09
17	**17**	4.4279E-07			2.75E-07	7.55E-08	5.00E-08	1.11E-08	8.78E-09	1.40E-08	8.09E-09
18	**18**	4.2496E-07			2.61E-07	7.29E-08	4.96E-08	1.10E-08	8.72E-09	1.40E-08	8.04E-09
19	**19**	4.0773E-07			2.47E-07	7.03E-08	4.92E-08	1.09E-08	8.65E-09	1.39E-08	7.98E-09
20	**20**	3.9100E-07			2.33E-07	6.77E-08	4.87E-08	1.08E-08	8.59E-09	1.38E-08	7.93E-09
21	**21**	3.7550E-07			2.21E-07	6.52E-08	4.83E-08	1.08E-08	8.53E-09	1.37E-08	7.87E-09
22	**22**	3.6094E-07			2.10E-07	6.28E-08	4.78E-08	1.07E-08	8.48E-09	1.37E-08	7.82E-09
23	**23**	3.4716E-07			1.99E-07	6.04E-08	4.73E-08	1.06E-08	8.43E-09	1.36E-08	7.77E-09
24	**24**	4.4749E-07			2.74E-07	7.86E-08	5.22E-08	1.14E-08	8.96E-09	1.43E-08	8.24E-09
25	**25**	4.2842E-07			2.59E-07	7.56E-08	5.17E-08	1.13E-08	8.89E-09	1.42E-08	8.18E-09
26	**26**	4.1000E-07			2.44E-07	7.25E-08	5.12E-08	1.12E-08	8.83E-09	1.42E-08	8.13E-09
27	**27**	3.9334E-07			2.31E-07	6.97E-08	5.07E-08	1.11E-08	8.77E-09	1.41E-08	8.07E-09
28	**28**	3.7798E-07			2.19E-07	6.70E-08	5.03E-08	1.11E-08	8.71E-09	1.40E-08	8.02E-09
29	**29**	3.6331E-07			2.08E-07	6.43E-08	4.97E-08	1.10E-08	8.66E-09	1.39E-08	7.97E-09
30	**30**	4.7187E-07			2.88E-07	8.49E-08	5.50E-08	1.18E-08	9.21E-09	1.47E-08	8.45E-09
31	**31**	4.5116E-07			2.71E-07	8.15E-08	5.45E-08	1.17E-08	9.14E-09	1.46E-08	8.39E-09

Sywest Industrial Building - Alternative 3

Unmitigated - - Risk Summary

		Chronic Non Cancer Risk							
Receptor #	**Receptor #**	**Max Chronic Rec#**	**Onsite**	**Haul 1**	**Haul2**	**Haul3**	**Haul 4**	**Haul 5**	**Haul 6**
32	**32**	4.3120E-07	2.56E-07	7.80E-08	5.40E-08	1.16E-08	9.08E-09	1.45E-08	8.34E-09
33	**33**	4.1349E-07	2.42E-07	7.48E-08	5.35E-08	1.15E-08	9.01E-09	1.45E-08	8.28E-09
34	**34**	3.9728E-07	2.30E-07	7.18E-08	5.29E-08	1.14E-08	8.95E-09	1.44E-08	8.22E-09
35	**35**	3.8188E-07	2.18E-07	6.88E-08	5.24E-08	1.14E-08	8.90E-09	1.43E-08	8.17E-09
36	**36**	4.9931E-07	3.04E-07	9.22E-08	5.81E-08	1.22E-08	9.47E-09	1.51E-08	8.67E-09
37	**37**	4.7686E-07	2.86E-07	8.83E-08	5.76E-08	1.21E-08	9.40E-09	1.50E-08	8.61E-09
38	**38**	4.5554E-07	2.69E-07	8.43E-08	5.70E-08	1.20E-08	9.33E-09	1.49E-08	8.56E-09
39	**39**	4.3669E-07	2.55E-07	8.07E-08	5.65E-08	1.19E-08	9.27E-09	1.48E-08	8.50E-09
40	**40**	4.1967E-07	2.42E-07	7.73E-08	5.59E-08	1.18E-08	9.20E-09	1.47E-08	8.43E-09
41	**41**	4.0335E-07	2.30E-07	7.38E-08	5.53E-08	1.18E-08	9.15E-09	1.47E-08	8.38E-09
42	**42**	9.6433E-07	6.77E-07	1.73E-07	6.61E-08	1.33E-08	1.05E-08	1.56E-08	9.35E-09
43	**43**	9.3501E-07	6.53E-07	1.67E-07	6.61E-08	1.33E-08	1.04E-08	1.56E-08	9.34E-09
44	**44**	9.0101E-07	6.25E-07	1.61E-07	6.60E-08	1.33E-08	1.04E-08	1.57E-08	9.32E-09
45	**45**	8.6268E-07	5.94E-07	1.55E-07	6.57E-08	1.33E-08	1.03E-08	1.57E-08	9.30E-09
46	**46**	8.2048E-07	5.59E-07	1.48E-07	6.54E-08	1.33E-08	1.03E-08	1.57E-08	9.27E-09
47	**47**	7.7629E-07	5.22E-07	1.40E-07	6.49E-08	1.32E-08	1.02E-08	1.57E-08	9.25E-09
48	**48**	7.3419E-07	4.87E-07	1.34E-07	6.45E-08	1.32E-08	1.02E-08	1.57E-08	9.21E-09
49	**49**	5.3058E-07	3.22E-07	1.01E-07	6.15E-08	1.26E-08	9.75E-09	1.55E-08	8.90E-09
50	**50**	5.0663E-07	3.03E-07	9.61E-08	6.10E-08	1.25E-08	9.67E-09	1.54E-08	8.84E-09
51	**51**	4.8395E-07	2.86E-07	9.15E-08	6.03E-08	1.24E-08	9.60E-09	1.53E-08	8.78E-09
52	**52**	4.6398E-07	2.71E-07	8.74E-08	5.97E-08	1.23E-08	9.53E-09	1.52E-08	8.72E-09
53	**53**	4.4584E-07	2.58E-07	8.35E-08	5.91E-08	1.23E-08	9.47E-09	1.51E-08	8.66E-09
54	**54**	4.2837E-07	2.45E-07	7.96E-08	5.85E-08	1.22E-08	9.41E-09	1.51E-08	8.60E-09
55	**55**	1.1518E-06	8.21E-07	2.11E-07	6.98E-08	1.37E-08	1.08E-08	1.59E-08	9.57E-09
56	**56**	1.1061E-06	7.84E-07	2.02E-07	6.99E-08	1.37E-08	1.08E-08	1.59E-08	9.58E-09
57	**57**	1.0624E-06	7.48E-07	1.94E-07	7.00E-08	1.38E-08	1.07E-08	1.60E-08	9.57E-09
58	**58**	1.0109E-06	7.06E-07	1.85E-07	6.99E-08	1.38E-08	1.07E-08	1.60E-08	9.56E-09
59	**59**	9.5840E-07	6.63E-07	1.76E-07	6.96E-08	1.38E-08	1.06E-08	1.61E-08	9.54E-09
60	**60**	9.0416E-07	6.17E-07	1.68E-07	6.93E-08	1.37E-08	1.06E-08	1.61E-08	9.51E-09
61	**61**	8.4810E-07	5.71E-07	1.58E-07	6.89E-08	1.37E-08	1.06E-08	1.61E-08	9.49E-09
62	**62**	7.9615E-07	5.28E-07	1.50E-07	6.84E-08	1.36E-08	1.05E-08	1.61E-08	9.45E-09
63	**63**	7.4901E-07	4.89E-07	1.43E-07	6.80E-08	1.36E-08	1.04E-08	1.61E-08	9.41E-09

Sywest Industrial Building - Alternative 3

Unmitigated - - Risk Summary

		Chronic Non Cancer Risk							
Receptor #	**Receptor #**	**Max Chronic Rec#**	**Onsite**	**Haul 1**	**Haul2**	**Haul3**	**Haul 4**	**Haul 5**	**Haul 6**
64	**64**	5.6731E-07	3.43E-07	1.11E-07	6.53E-08	1.31E-08	1.00E-08	1.59E-08	9.14E-09
65	**65**	5.4198E-07	3.24E-07	1.05E-07	6.47E-08	1.30E-08	9.96E-09	1.58E-08	9.08E-09
66	**66**	5.1812E-07	3.06E-07	1.00E-07	6.40E-08	1.29E-08	9.89E-09	1.57E-08	9.02E-09
67	**67**	4.9633E-07	2.91E-07	9.52E-08	6.34E-08	1.28E-08	9.82E-09	1.56E-08	8.95E-09
68	**68**	4.7711E-07	2.77E-07	9.08E-08	6.27E-08	1.27E-08	9.75E-09	1.56E-08	8.89E-09
69	**69**	4.5843E-07	2.64E-07	8.63E-08	6.20E-08	1.26E-08	9.69E-09	1.55E-08	8.83E-09
70	**70**	1.2780E-06	9.13E-07	2.40E-07	7.40E-08	1.42E-08	1.11E-08	1.63E-08	9.81E-09
71	**71**	1.2140E-06	8.60E-07	2.28E-07	7.42E-08	1.42E-08	1.10E-08	1.64E-08	9.81E-09
72	**72**	1.1421E-06	8.01E-07	2.16E-07	7.42E-08	1.42E-08	1.10E-08	1.64E-08	9.80E-09
73	**73**	1.0675E-06	7.39E-07	2.03E-07	7.39E-08	1.42E-08	1.10E-08	1.65E-08	9.79E-09
74	**74**	9.9751E-07	6.81E-07	1.92E-07	7.37E-08	1.42E-08	1.09E-08	1.65E-08	9.76E-09
75	**75**	9.3031E-07	6.25E-07	1.81E-07	7.33E-08	1.42E-08	1.09E-08	1.65E-08	9.73E-09
76	**76**	8.6584E-07	5.72E-07	1.70E-07	7.27E-08	1.41E-08	1.08E-08	1.65E-08	9.71E-09
77	**77**	8.1133E-07	5.27E-07	1.61E-07	7.23E-08	1.41E-08	1.07E-08	1.65E-08	9.66E-09
78	**78**	5.8405E-07	3.50E-07	1.16E-07	6.88E-08	1.35E-08	1.03E-08	1.62E-08	9.33E-09
79	**79**	5.5782E-07	3.31E-07	1.10E-07	6.81E-08	1.34E-08	1.02E-08	1.62E-08	9.27E-09
80	**80**	5.3463E-07	3.14E-07	1.04E-07	6.73E-08	1.33E-08	1.01E-08	1.61E-08	9.20E-09
81	**81**	5.1363E-07	3.00E-07	9.90E-08	6.66E-08	1.32E-08	1.00E-08	1.60E-08	9.14E-09
82	**82**	4.9335E-07	2.86E-07	9.39E-08	6.59E-08	1.31E-08	9.98E-09	1.59E-08	9.07E-09
83	**83**	1.5013E-06	1.08E-06	2.93E-07	7.85E-08	1.46E-08	1.14E-08	1.66E-08	1.00E-08
84	**84**	1.3942E-06	9.91E-07	2.72E-07	7.88E-08	1.47E-08	1.14E-08	1.67E-08	1.01E-08
85	**85**	1.2954E-06	9.09E-07	2.55E-07	7.89E-08	1.47E-08	1.13E-08	1.68E-08	1.00E-08
86	**86**	1.1952E-06	8.26E-07	2.38E-07	7.87E-08	1.47E-08	1.13E-08	1.69E-08	1.00E-08
87	**87**	1.1045E-06	7.51E-07	2.23E-07	7.85E-08	1.47E-08	1.12E-08	1.69E-08	1.00E-08
88	**88**	1.0238E-06	6.84E-07	2.09E-07	7.81E-08	1.47E-08	1.12E-08	1.69E-08	9.99E-09
89	**89**	9.4926E-07	6.23E-07	1.96E-07	7.76E-08	1.47E-08	1.11E-08	1.69E-08	9.97E-09
90	**90**	8.8551E-07	5.72E-07	1.84E-07	7.71E-08	1.46E-08	1.11E-08	1.69E-08	9.93E-09
91	**91**	8.3148E-07	5.29E-07	1.73E-07	7.66E-08	1.45E-08	1.10E-08	1.69E-08	9.88E-09
92	**92**	6.6590E-07	4.05E-07	1.36E-07	7.41E-08	1.41E-08	1.07E-08	1.68E-08	9.66E-09
93	**93**	6.3549E-07	3.83E-07	1.29E-07	7.34E-08	1.40E-08	1.06E-08	1.67E-08	9.59E-09
94	**94**	6.0653E-07	3.62E-07	1.21E-07	7.26E-08	1.39E-08	1.05E-08	1.66E-08	9.53E-09
95	**95**	5.8101E-07	3.44E-07	1.15E-07	7.18E-08	1.38E-08	1.04E-08	1.65E-08	9.46E-09

Sywest Industrial Building - Alternative 3

Unmitigated - - Risk Summary

		Chronic Non Cancer Risk							
Receptor #	**Receptor #**	**Max Chronic Rec#**	**Onsite**	**Haul 1**	**Haul2**	**Haul3**	**Haul 4**	**Haul 5**	**Haul 6**
96	**96**	5.5759E-07	3.28E-07	1.09E-07	7.10E-08	1.37E-08	1.04E-08	1.64E-08	9.39E-09
97	**97**	5.3505E-07	3.13E-07	1.03E-07	7.01E-08	1.36E-08	1.03E-08	1.64E-08	9.33E-09
98	**98**	1.6101E-06	1.14E-06	3.30E-07	8.38E-08	1.52E-08	1.17E-08	1.71E-08	1.03E-08
99	**99**	1.4772E-06	1.03E-06	3.08E-07	8.41E-08	1.52E-08	1.17E-08	1.72E-08	1.03E-08
100	**100**	1.3505E-06	9.27E-07	2.85E-07	8.41E-08	1.53E-08	1.16E-08	1.73E-08	1.03E-08
101	**101**	1.2322E-06	8.31E-07	2.63E-07	8.38E-08	1.53E-08	1.16E-08	1.73E-08	1.03E-08
102	**102**	1.1372E-06	7.54E-07	2.45E-07	8.35E-08	1.53E-08	1.15E-08	1.73E-08	1.03E-08
103	**103**	1.0533E-06	6.88E-07	2.28E-07	8.30E-08	1.52E-08	1.15E-08	1.74E-08	1.02E-08
104	**104**	9.7868E-07	6.30E-07	2.12E-07	8.25E-08	1.52E-08	1.14E-08	1.74E-08	1.02E-08
105	**105**	9.1923E-07	5.84E-07	1.99E-07	8.20E-08	1.51E-08	1.13E-08	1.74E-08	1.02E-08
106	**106**	7.3479E-07	4.50E-07	1.53E-07	7.93E-08	1.47E-08	1.10E-08	1.72E-08	9.93E-09
107	**107**	6.9971E-07	4.25E-07	1.44E-07	7.85E-08	1.46E-08	1.09E-08	1.72E-08	9.86E-09
108	**108**	6.6691E-07	4.02E-07	1.35E-07	7.76E-08	1.45E-08	1.08E-08	1.71E-08	9.80E-09
109	**109**	6.3707E-07	3.81E-07	1.27E-07	7.67E-08	1.44E-08	1.08E-08	1.70E-08	9.73E-09
110	**110**	6.1017E-07	3.63E-07	1.20E-07	7.58E-08	1.42E-08	1.07E-08	1.69E-08	9.66E-09
111	**111**	5.8399E-07	3.45E-07	1.13E-07	7.49E-08	1.41E-08	1.06E-08	1.68E-08	9.60E-09
112	**112**	1.6992E-06	1.17E-06	3.81E-07	8.98E-08	1.58E-08	1.20E-08	1.76E-08	1.06E-08
113	**113**	1.5404E-06	1.04E-06	3.50E-07	9.00E-08	1.58E-08	1.20E-08	1.77E-08	1.06E-08
114	**114**	1.3979E-06	9.33E-07	3.19E-07	8.98E-08	1.58E-08	1.20E-08	1.77E-08	1.06E-08
115	**115**	1.2823E-06	8.44E-07	2.93E-07	8.95E-08	1.58E-08	1.19E-08	1.78E-08	1.05E-08
116	**116**	1.1878E-06	7.72E-07	2.71E-07	8.91E-08	1.58E-08	1.18E-08	1.78E-08	1.05E-08
117	**117**	1.1023E-06	7.09E-07	2.49E-07	8.86E-08	1.58E-08	1.18E-08	1.78E-08	1.05E-08
118	**118**	1.0313E-06	6.57E-07	2.31E-07	8.80E-08	1.57E-08	1.17E-08	1.78E-08	1.04E-08
119	**119**	9.7170E-07	6.14E-07	2.15E-07	8.75E-08	1.56E-08	1.16E-08	1.78E-08	1.04E-08
120	**120**	8.2257E-07	5.09E-07	1.74E-07	8.52E-08	1.53E-08	1.14E-08	1.77E-08	1.02E-08
121	**121**	7.7870E-07	4.78E-07	1.62E-07	8.43E-08	1.52E-08	1.13E-08	1.76E-08	1.01E-08
122	**122**	7.4096E-07	4.52E-07	1.52E-07	8.33E-08	1.51E-08	1.12E-08	1.76E-08	1.01E-08
123	**123**	7.0529E-07	4.27E-07	1.42E-07	8.23E-08	1.49E-08	1.11E-08	1.75E-08	1.00E-08
124	**124**	6.7277E-07	4.05E-07	1.33E-07	8.13E-08	1.48E-08	1.10E-08	1.74E-08	9.95E-09
125	**125**	6.4213E-07	3.84E-07	1.25E-07	8.02E-08	1.47E-08	1.09E-08	1.73E-08	9.88E-09
126	**126**	1.9871E-06	1.35E-06	4.87E-07	9.62E-08	1.64E-08	1.24E-08	1.80E-08	1.09E-08
127	**127**	1.7884E-06	1.20E-06	4.38E-07	9.65E-08	1.64E-08	1.24E-08	1.81E-08	1.09E-08

Sywest Industrial Building - Alternative 3
Unmitigated - - Risk Summary

		Chronic Non Cancer Risk							
Receptor #	**Receptor #**	**Max Chronic Rec#**	**Onsite**	**Haul 1**	**Haul2**	**Haul3**	**Haul 4**	**Haul 5**	**Haul 6**
128	**128**	1.6235E-06	1.07E-06	3.95E-07	9.66E-08	1.64E-08	1.23E-08	1.82E-08	1.09E-08
129	**129**	1.4783E-06	9.69E-07	3.56E-07	9.62E-08	1.65E-08	1.23E-08	1.82E-08	1.08E-08
130	**130**	1.3664E-06	8.88E-07	3.24E-07	9.60E-08	1.64E-08	1.22E-08	1.83E-08	1.08E-08
131	**131**	1.2679E-06	8.18E-07	2.96E-07	9.55E-08	1.64E-08	1.22E-08	1.83E-08	1.08E-08
132	**132**	1.1786E-06	7.56E-07	2.71E-07	9.48E-08	1.64E-08	1.21E-08	1.83E-08	1.07E-08
133	**133**	1.1075E-06	7.06E-07	2.50E-07	9.43E-08	1.63E-08	1.20E-08	1.83E-08	1.07E-08
134	**134**	8.7130E-07	5.42E-07	1.83E-07	9.07E-08	1.58E-08	1.17E-08	1.82E-08	1.05E-08
135	**135**	8.2740E-07	5.11E-07	1.71E-07	8.97E-08	1.57E-08	1.16E-08	1.81E-08	1.04E-08
136	**136**	7.8598E-07	4.82E-07	1.59E-07	8.86E-08	1.56E-08	1.15E-08	1.80E-08	1.03E-08
137	**137**	7.4638E-07	4.55E-07	1.49E-07	8.75E-08	1.55E-08	1.14E-08	1.79E-08	1.02E-08
138	**138**	7.0925E-07	4.29E-07	1.39E-07	8.62E-08	1.53E-08	1.13E-08	1.79E-08	1.02E-08
139	**139**	2.1366E-06	1.41E-06	5.59E-07	1.04E-07	1.70E-08	1.28E-08	1.86E-08	1.12E-08
140	**140**	1.9343E-06	1.28E-06	4.95E-07	1.04E-07	1.71E-08	1.27E-08	1.86E-08	1.11E-08
141	**141**	1.7548E-06	1.15E-06	4.39E-07	1.04E-07	1.71E-08	1.27E-08	1.87E-08	1.11E-08
142	**142**	1.6066E-06	1.05E-06	3.92E-07	1.04E-07	1.71E-08	1.26E-08	1.88E-08	1.11E-08
143	**143**	1.4864E-06	9.68E-07	3.55E-07	1.03E-07	1.71E-08	1.26E-08	1.88E-08	1.11E-08
144	**144**	1.3749E-06	8.91E-07	3.21E-07	1.03E-07	1.70E-08	1.25E-08	1.88E-08	1.10E-08
145	**145**	1.2788E-06	8.25E-07	2.93E-07	1.02E-07	1.70E-08	1.24E-08	1.88E-08	1.10E-08
146	**146**	1.1974E-06	7.68E-07	2.69E-07	1.01E-07	1.69E-08	1.23E-08	1.88E-08	1.09E-08
147	**147**	9.8563E-07	6.21E-07	2.09E-07	9.81E-08	1.65E-08	1.20E-08	1.87E-08	1.08E-08
148	**148**	9.2999E-07	5.82E-07	1.93E-07	9.70E-08	1.64E-08	1.19E-08	1.86E-08	1.07E-08
149	**149**	8.7847E-07	5.46E-07	1.79E-07	9.58E-08	1.63E-08	1.19E-08	1.86E-08	1.06E-08
150	**150**	8.3092E-07	5.13E-07	1.67E-07	9.45E-08	1.61E-08	1.18E-08	1.85E-08	1.06E-08
151	**151**	7.8631E-07	4.82E-07	1.55E-07	9.31E-08	1.60E-08	1.17E-08	1.84E-08	1.05E-08
152	**152**	2.6434E-06	1.75E-06	7.19E-07	1.12E-07	1.77E-08	1.32E-08	1.90E-08	1.15E-08
153	**153**	2.3638E-06	1.57E-06	6.21E-07	1.13E-07	1.78E-08	1.31E-08	1.91E-08	1.15E-08
154	**154**	2.1304E-06	1.41E-06	5.43E-07	1.13E-07	1.78E-08	1.31E-08	1.92E-08	1.15E-08
155	**155**	1.9272E-06	1.28E-06	4.78E-07	1.13E-07	1.78E-08	1.31E-08	1.93E-08	1.14E-08
156	**156**	1.7640E-06	1.16E-06	4.27E-07	1.12E-07	1.78E-08	1.30E-08	1.93E-08	1.14E-08
157	**157**	1.6218E-06	1.07E-06	3.83E-07	1.12E-07	1.77E-08	1.29E-08	1.93E-08	1.14E-08
158	**158**	1.4945E-06	9.77E-07	3.46E-07	1.11E-07	1.77E-08	1.28E-08	1.93E-08	1.13E-08
159	**159**	1.3831E-06	8.99E-07	3.13E-07	1.10E-07	1.76E-08	1.27E-08	1.93E-08	1.13E-08

Sywest Industrial Building - Alternative 3

Unmitigated - - Risk Summary

		Chronic Non Cancer Risk							
Receptor #	**Receptor #**	**Max Chronic Rec#**	**Onsite**	**Haul 1**	**Haul2**	**Haul3**	**Haul 4**	**Haul 5**	**Haul 6**
160	**160**	1.2823E-06	8.28E-07	2.85E-07	1.09E-07	1.75E-08	1.27E-08	1.93E-08	1.12E-08
161	**161**	1.1949E-06	7.66E-07	2.60E-07	1.08E-07	1.74E-08	1.26E-08	1.93E-08	1.12E-08
162	**162**	1.1154E-06	7.10E-07	2.38E-07	1.07E-07	1.73E-08	1.25E-08	1.93E-08	1.11E-08
163	**163**	1.0446E-06	6.61E-07	2.19E-07	1.05E-07	1.71E-08	1.24E-08	1.92E-08	1.10E-08
164	**164**	9.8138E-07	6.16E-07	2.02E-07	1.04E-07	1.70E-08	1.23E-08	1.91E-08	1.10E-08
165	**165**	9.2547E-07	5.77E-07	1.87E-07	1.02E-07	1.68E-08	1.22E-08	1.90E-08	1.09E-08
166	**166**	8.7269E-07	5.40E-07	1.73E-07	1.01E-07	1.67E-08	1.21E-08	1.90E-08	1.08E-08
167	**167**	2.9437E-06	1.98E-06	7.82E-07	1.22E-07	1.85E-08	1.36E-08	1.96E-08	1.18E-08
168	**168**	2.6190E-06	1.76E-06	6.75E-07	1.23E-07	1.85E-08	1.35E-08	1.97E-08	1.18E-08
169	**169**	2.3403E-06	1.57E-06	5.87E-07	1.23E-07	1.85E-08	1.35E-08	1.98E-08	1.18E-08
170	**170**	2.1057E-06	1.40E-06	5.15E-07	1.23E-07	1.86E-08	1.34E-08	1.98E-08	1.17E-08
171	**171**	1.9129E-06	1.27E-06	4.58E-07	1.22E-07	1.85E-08	1.34E-08	1.99E-08	1.17E-08
172	**172**	1.7438E-06	1.15E-06	4.08E-07	1.21E-07	1.85E-08	1.33E-08	1.99E-08	1.17E-08
173	**173**	1.5948E-06	1.05E-06	3.66E-07	1.20E-07	1.84E-08	1.32E-08	1.99E-08	1.16E-08
174	**174**	1.4649E-06	9.54E-07	3.29E-07	1.19E-07	1.83E-08	1.31E-08	1.99E-08	1.16E-08
175	**175**	1.3556E-06	8.77E-07	2.99E-07	1.18E-07	1.82E-08	1.30E-08	1.99E-08	1.15E-08
176	**176**	1.2578E-06	8.07E-07	2.72E-07	1.16E-07	1.81E-08	1.29E-08	1.99E-08	1.14E-08
177	**177**	1.1715E-06	7.46E-07	2.49E-07	1.15E-07	1.79E-08	1.28E-08	1.98E-08	1.14E-08
178	**178**	1.0955E-06	6.92E-07	2.28E-07	1.13E-07	1.78E-08	1.27E-08	1.97E-08	1.13E-08
179	**179**	1.0279E-06	6.45E-07	2.10E-07	1.12E-07	1.76E-08	1.26E-08	1.96E-08	1.12E-08
180	**180**	9.6479E-07	6.00E-07	1.94E-07	1.10E-07	1.75E-08	1.25E-08	1.96E-08	1.11E-08
181	**181**	3.7150E-06	2.51E-06	1.01E-06	1.34E-07	1.92E-08	1.40E-08	2.01E-08	1.21E-08
182	**182**	3.2149E-06	2.17E-06	8.46E-07	1.35E-07	1.93E-08	1.40E-08	2.02E-08	1.21E-08
183	**183**	2.8305E-06	1.90E-06	7.27E-07	1.35E-07	1.93E-08	1.40E-08	2.03E-08	1.21E-08
184	**184**	2.5088E-06	1.68E-06	6.28E-07	1.35E-07	1.94E-08	1.39E-08	2.04E-08	1.21E-08
185	**185**	2.2446E-06	1.50E-06	5.49E-07	1.34E-07	1.93E-08	1.38E-08	2.04E-08	1.21E-08
186	**186**	2.0236E-06	1.34E-06	4.85E-07	1.33E-07	1.93E-08	1.38E-08	2.05E-08	1.20E-08
187	**187**	1.8340E-06	1.21E-06	4.30E-07	1.32E-07	1.92E-08	1.37E-08	2.05E-08	1.20E-08
188	**188**	1.6726E-06	1.09E-06	3.84E-07	1.31E-07	1.91E-08	1.36E-08	2.05E-08	1.19E-08
189	**189**	1.5345E-06	9.95E-07	3.45E-07	1.30E-07	1.90E-08	1.35E-08	2.05E-08	1.19E-08
190	**190**	1.4144E-06	9.10E-07	3.12E-07	1.28E-07	1.89E-08	1.34E-08	2.05E-08	1.18E-08
191	**191**	1.3092E-06	8.36E-07	2.83E-07	1.26E-07	1.87E-08	1.33E-08	2.04E-08	1.17E-08

Sywest Industrial Building - Alternative 3

Unmitigated - - Risk Summary

		Chronic Non Cancer Risk							
Receptor #	**Receptor #**	**Max Chronic Rec#**	**Onsite**	**Haul 1**	**Haul2**	**Haul3**	**Haul 4**	**Haul 5**	**Haul 6**
192	**192**	1.2164E-06	7.70E-07	2.58E-07	1.24E-07	1.86E-08	1.32E-08	2.03E-08	1.17E-08
193	**193**	1.1347E-06	7.13E-07	2.36E-07	1.22E-07	1.84E-08	1.30E-08	2.03E-08	1.16E-08
194	**194**	1.0598E-06	6.60E-07	2.16E-07	1.20E-07	1.83E-08	1.30E-08	2.02E-08	1.15E-08
195	**195**	3.8826E-06	2.59E-06	1.08E-06	1.48E-07	2.01E-08	1.45E-08	2.08E-08	1.25E-08
196	**196**	3.3622E-06	2.24E-06	9.05E-07	1.49E-07	2.02E-08	1.44E-08	2.08E-08	1.25E-08
197	**197**	2.9420E-06	1.95E-06	7.70E-07	1.49E-07	2.02E-08	1.44E-08	2.09E-08	1.25E-08
198	**198**	2.5947E-06	1.72E-06	6.60E-07	1.48E-07	2.02E-08	1.43E-08	2.10E-08	1.24E-08
199	**199**	2.3134E-06	1.52E-06	5.74E-07	1.48E-07	2.02E-08	1.43E-08	2.11E-08	1.24E-08
200	**200**	2.0792E-06	1.36E-06	5.04E-07	1.46E-07	2.01E-08	1.42E-08	2.11E-08	1.24E-08
201	**201**	1.8823E-06	1.22E-06	4.46E-07	1.45E-07	2.01E-08	1.41E-08	2.11E-08	1.23E-08
202	**202**	1.7146E-06	1.11E-06	3.97E-07	1.43E-07	1.99E-08	1.40E-08	2.11E-08	1.23E-08
203	**203**	1.5707E-06	1.01E-06	3.56E-07	1.41E-07	1.98E-08	1.39E-08	2.11E-08	1.22E-08
204	**204**	1.4457E-06	9.19E-07	3.21E-07	1.39E-07	1.97E-08	1.38E-08	2.11E-08	1.21E-08
205	**205**	1.3363E-06	8.43E-07	2.90E-07	1.37E-07	1.95E-08	1.36E-08	2.10E-08	1.20E-08
206	**206**	1.2408E-06	7.76E-07	2.64E-07	1.35E-07	1.93E-08	1.35E-08	2.09E-08	1.20E-08
207	**207**	1.1551E-06	7.17E-07	2.41E-07	1.32E-07	1.92E-08	1.34E-08	2.08E-08	1.19E-08
208	**208**	3.8914E-06	2.53E-06	1.13E-06	1.66E-07	2.11E-08	1.50E-08	2.14E-08	1.28E-08
209	**209**	3.3647E-06	2.19E-06	9.41E-07	1.66E-07	2.11E-08	1.49E-08	2.15E-08	1.28E-08
210	**210**	2.9434E-06	1.91E-06	7.96E-07	1.66E-07	2.11E-08	1.49E-08	2.16E-08	1.28E-08
211	**211**	2.6007E-06	1.68E-06	6.80E-07	1.65E-07	2.11E-08	1.48E-08	2.17E-08	1.28E-08
212	**212**	2.3201E-06	1.50E-06	5.89E-07	1.64E-07	2.11E-08	1.47E-08	2.17E-08	1.28E-08
213	**213**	2.0868E-06	1.34E-06	5.15E-07	1.62E-07	2.10E-08	1.46E-08	2.18E-08	1.27E-08
214	**214**	1.8900E-06	1.21E-06	4.55E-07	1.60E-07	2.09E-08	1.45E-08	2.18E-08	1.27E-08
215	**215**	1.7217E-06	1.09E-06	4.04E-07	1.57E-07	2.08E-08	1.44E-08	2.18E-08	1.26E-08
216	**216**	1.5778E-06	9.93E-07	3.61E-07	1.55E-07	2.07E-08	1.43E-08	2.17E-08	1.25E-08
217	**217**	1.4531E-06	9.07E-07	3.25E-07	1.52E-07	2.05E-08	1.42E-08	2.17E-08	1.24E-08
218	**218**	1.3444E-06	8.33E-07	2.94E-07	1.49E-07	2.03E-08	1.40E-08	2.16E-08	1.24E-08
219	**219**	1.2482E-06	7.67E-07	2.67E-07	1.46E-07	2.02E-08	1.39E-08	2.15E-08	1.23E-08
220	**220**	2.5447E-06	1.60E-06	6.88E-07	1.85E-07	2.21E-08	1.53E-08	2.24E-08	1.32E-08
221	**221**	2.2785E-06	1.43E-06	5.95E-07	1.83E-07	2.21E-08	1.52E-08	2.24E-08	1.31E-08
222	**222**	2.0555E-06	1.28E-06	5.20E-07	1.80E-07	2.20E-08	1.51E-08	2.25E-08	1.31E-08
223	**223**	1.8663E-06	1.16E-06	4.58E-07	1.77E-07	2.19E-08	1.49E-08	2.25E-08	1.30E-08

Sywest Industrial Building - Alternative 3

Unmitigated - - Risk Summary

		Chronic Non Cancer Risk							
Receptor #	**Receptor #**	**Max Chronic Rec#**	**Onsite**	**Haul 1**	**Haul2**	**Haul3**	**Haul 4**	**Haul 5**	**Haul 6**
224	**224**	1.7043E-06	1.05E-06	4.06E-07	1.74E-07	2.17E-08	1.48E-08	2.24E-08	1.29E-08
225	**225**	1.5648E-06	9.60E-07	3.63E-07	1.71E-07	2.16E-08	1.47E-08	2.24E-08	1.29E-08
226	**226**	1.4432E-06	8.79E-07	3.26E-07	1.67E-07	2.14E-08	1.46E-08	2.23E-08	1.28E-08
227	**227**	1.3362E-06	8.09E-07	2.94E-07	1.63E-07	2.12E-08	1.45E-08	2.23E-08	1.27E-08
228	**228**	2.4492E-06	1.48E-06	6.82E-07	2.08E-07	2.32E-08	1.58E-08	2.31E-08	1.36E-08
229	**229**	2.2033E-06	1.33E-06	5.90E-07	2.05E-07	2.31E-08	1.57E-08	2.32E-08	1.35E-08
230	**230**	1.9959E-06	1.20E-06	5.15E-07	2.01E-07	2.30E-08	1.55E-08	2.32E-08	1.35E-08
231	**231**	1.8187E-06	1.09E-06	4.53E-07	1.97E-07	2.29E-08	1.54E-08	2.32E-08	1.34E-08
232	**232**	1.6664E-06	9.98E-07	4.02E-07	1.92E-07	2.27E-08	1.53E-08	2.32E-08	1.33E-08
233	**233**	1.5339E-06	9.14E-07	3.59E-07	1.88E-07	2.25E-08	1.52E-08	2.31E-08	1.32E-08
234	**234**	1.4178E-06	8.40E-07	3.22E-07	1.82E-07	2.24E-08	1.51E-08	2.30E-08	1.31E-08
235	**235**	4.2077E-06	2.73E-06	1.24E-06	1.65E-07	2.10E-08	1.50E-08	2.14E-08	1.28E-08
236	**236**	4.0491E-06	2.53E-06	1.26E-06	1.86E-07	2.21E-08	1.55E-08	2.21E-08	1.32E-08
237	**237**	3.4936E-06	2.19E-06	1.04E-06	1.87E-07	2.21E-08	1.54E-08	2.22E-08	1.32E-08
238	**238**	3.0532E-06	1.92E-06	8.74E-07	1.87E-07	2.22E-08	1.54E-08	2.23E-08	1.32E-08
239	**239**	3.8109E-06	2.27E-06	1.25E-06	2.12E-07	2.32E-08	1.60E-08	2.28E-08	1.37E-08
240	**240**	3.3121E-06	1.99E-06	1.03E-06	2.12E-07	2.32E-08	1.60E-08	2.30E-08	1.36E-08
241	**241**	2.9142E-06	1.76E-06	8.67E-07	2.12E-07	2.33E-08	1.59E-08	2.30E-08	1.36E-08
242	**242**	2.5896E-06	1.57E-06	7.37E-07	2.10E-07	2.32E-08	1.58E-08	2.31E-08	1.36E-08
243	**243**	1.9715E-06	2.77E-07	1.16E-07	1.37E-06	7.93E-08	4.69E-08	4.68E-08	3.18E-08
244	**244**	2.2139E-06	2.71E-07	1.13E-07	1.61E-06	8.73E-08	4.86E-08	4.84E-08	3.27E-08
245	**245**	2.5297E-06	2.65E-07	1.11E-07	1.92E-06	9.65E-08	5.01E-08	5.01E-08	3.35E-08
246	**246**	2.9579E-06	2.59E-07	1.10E-07	2.35E-06	1.07E-07	5.14E-08	5.17E-08	3.42E-08
247	**247**	3.5546E-06	2.53E-07	1.08E-07	2.93E-06	1.19E-07	5.26E-08	5.33E-08	3.48E-08
248	**248**	4.4434E-06	2.47E-07	1.06E-07	3.82E-06	1.32E-07	5.35E-08	5.48E-08	3.54E-08
249	**249**	5.8753E-06	2.41E-07	1.03E-07	5.24E-06	1.46E-07	5.42E-08	5.63E-08	3.59E-08
250	**250**	8.4826E-06	2.35E-07	1.01E-07	7.84E-06	1.60E-07	5.47E-08	5.77E-08	3.63E-08
251	**251**	7.5679E-06	2.29E-07	9.81E-08	6.92E-06	1.75E-07	5.50E-08	5.90E-08	3.66E-08
252	**252**	1.5106E-06	2.68E-07	1.10E-07	9.42E-07	6.88E-08	4.54E-08	4.48E-08	3.12E-08
253	**253**	1.6518E-06	2.64E-07	1.07E-07	1.08E-06	7.53E-08	4.75E-08	4.65E-08	3.22E-08
254	**254**	1.8217E-06	2.59E-07	1.05E-07	1.24E-06	8.29E-08	4.95E-08	4.82E-08	3.31E-08
255	**255**	2.0311E-06	2.54E-07	1.03E-07	1.45E-06	9.17E-08	5.15E-08	5.00E-08	3.41E-08

Sywest Industrial Building - Alternative 3

Unmitigated - - Risk Summary

		Chronic Non Cancer Risk							
Receptor #	**Receptor #**	**Max Chronic Rec#**	**Onsite**	**Haul 1**	**Haul2**	**Haul3**	**Haul 4**	**Haul 5**	**Haul 6**
256	**256**	2.2971E-06	2.48E-07	1.01E-07	1.71E-06	1.02E-07	5.33E-08	5.18E-08	3.50E-08
257	**257**	2.6405E-06	2.43E-07	9.95E-08	2.04E-06	1.14E-07	5.50E-08	5.36E-08	3.59E-08
258	**258**	3.1107E-06	2.37E-07	9.80E-08	2.50E-06	1.28E-07	5.65E-08	5.53E-08	3.66E-08
259	**259**	3.7756E-06	2.32E-07	9.62E-08	3.15E-06	1.44E-07	5.78E-08	5.71E-08	3.74E-08
260	**260**	4.8001E-06	2.26E-07	9.43E-08	4.16E-06	1.62E-07	5.89E-08	5.88E-08	3.80E-08
261	**261**	6.5423E-06	2.21E-07	9.22E-08	5.89E-06	1.82E-07	5.96E-08	6.05E-08	3.85E-08
262	**262**	9.9015E-06	2.16E-07	9.00E-08	9.23E-06	2.03E-07	6.00E-08	6.20E-08	3.89E-08
263	**263**	1.4219E-06	2.50E-07	9.99E-08	8.75E-07	7.13E-08	4.73E-08	4.58E-08	3.22E-08
264	**264**	1.5447E-06	2.46E-07	9.69E-08	9.92E-07	7.84E-08	4.97E-08	4.77E-08	3.34E-08
265	**265**	1.6935E-06	2.42E-07	9.48E-08	1.13E-06	8.66E-08	5.21E-08	4.96E-08	3.45E-08
266	**266**	1.8727E-06	2.37E-07	9.31E-08	1.30E-06	9.63E-08	5.45E-08	5.16E-08	3.56E-08
267	**267**	2.0969E-06	2.33E-07	9.18E-08	1.52E-06	1.08E-07	5.67E-08	5.35E-08	3.66E-08
268	**268**	2.3799E-06	2.28E-07	9.05E-08	1.79E-06	1.21E-07	5.89E-08	5.55E-08	3.77E-08
269	**269**	2.7594E-06	2.23E-07	8.93E-08	2.15E-06	1.37E-07	6.09E-08	5.75E-08	3.86E-08
270	**270**	3.2797E-06	2.18E-07	8.79E-08	2.66E-06	1.57E-07	6.26E-08	5.95E-08	3.94E-08
271	**271**	4.0523E-06	2.13E-07	8.64E-08	3.41E-06	1.79E-07	6.40E-08	6.15E-08	4.02E-08
272	**272**	5.2810E-06	2.09E-07	8.47E-08	4.61E-06	2.06E-07	6.51E-08	6.33E-08	4.08E-08
273	**273**	7.4448E-06	2.04E-07	8.29E-08	6.75E-06	2.37E-07	6.58E-08	6.51E-08	4.13E-08
274	**274**	1.1822E-05	1.99E-07	8.08E-08	1.11E-05	2.69E-07	6.64E-08	6.69E-08	4.18E-08
275	**275**	1.3409E-06	2.34E-07	9.08E-08	8.13E-07	7.40E-08	4.93E-08	4.70E-08	3.33E-08
276	**276**	1.4515E-06	2.30E-07	8.84E-08	9.16E-07	8.16E-08	5.20E-08	4.89E-08	3.45E-08
277	**277**	1.5818E-06	2.27E-07	8.65E-08	1.04E-06	9.05E-08	5.48E-08	5.10E-08	3.58E-08
278	**278**	1.7377E-06	2.23E-07	8.50E-08	1.18E-06	1.01E-07	5.76E-08	5.31E-08	3.71E-08
279	**279**	1.9287E-06	2.19E-07	8.38E-08	1.36E-06	1.14E-07	6.03E-08	5.53E-08	3.83E-08
280	**280**	2.1679E-06	2.14E-07	8.28E-08	1.58E-06	1.29E-07	6.30E-08	5.76E-08	3.95E-08
281	**281**	2.4755E-06	2.10E-07	8.17E-08	1.87E-06	1.47E-07	6.56E-08	5.98E-08	4.06E-08
282	**282**	2.8948E-06	2.06E-07	8.06E-08	2.27E-06	1.70E-07	6.78E-08	6.20E-08	4.17E-08
283	**283**	3.4911E-06	2.01E-07	7.94E-08	2.84E-06	1.98E-07	6.98E-08	6.42E-08	4.26E-08
284	**284**	4.3879E-06	1.97E-07	7.80E-08	3.70E-06	2.32E-07	7.14E-08	6.64E-08	4.34E-08
285	**285**	5.8595E-06	1.93E-07	7.65E-08	5.13E-06	2.74E-07	7.25E-08	6.85E-08	4.41E-08
286	**286**	8.5723E-06	1.89E-07	7.48E-08	7.80E-06	3.25E-07	7.33E-08	7.05E-08	4.46E-08
287	**287**	1.2687E-06	2.19E-07	8.30E-08	7.57E-07	7.66E-08	5.12E-08	4.81E-08	3.43E-08

Sywest Industrial Building - Alternative 3

Unmitigated - - Risk Summary

		Chronic Non Cancer Risk							
Receptor #	**Receptor #**	**Max Chronic Rec#**	**Onsite**	**Haul 1**	**Haul2**	**Haul3**	**Haul 4**	**Haul 5**	**Haul 6**
288	**288**	1.3677E-06	2.16E-07	8.08E-08	8.46E-07	8.48E-08	5.42E-08	5.02E-08	3.58E-08
289	**289**	1.4826E-06	2.13E-07	7.91E-08	9.49E-07	9.44E-08	5.75E-08	5.25E-08	3.72E-08
290	**290**	1.6196E-06	2.09E-07	7.79E-08	1.07E-06	1.06E-07	6.08E-08	5.48E-08	3.87E-08
291	**291**	1.7847E-06	2.06E-07	7.68E-08	1.22E-06	1.20E-07	6.41E-08	5.72E-08	4.01E-08
292	**292**	1.9910E-06	2.02E-07	7.60E-08	1.41E-06	1.37E-07	6.74E-08	5.96E-08	4.14E-08
293	**293**	2.2510E-06	1.98E-07	7.51E-08	1.64E-06	1.58E-07	7.06E-08	6.21E-08	4.28E-08
294	**294**	2.5964E-06	1.94E-07	7.43E-08	1.96E-06	1.84E-07	7.35E-08	6.46E-08	4.40E-08
295	**295**	3.0717E-06	1.91E-07	7.33E-08	2.40E-06	2.17E-07	7.61E-08	6.71E-08	4.51E-08
296	**296**	3.7562E-06	1.87E-07	7.22E-08	3.04E-06	2.60E-07	7.84E-08	6.95E-08	4.61E-08
297	**297**	4.8092E-06	1.83E-07	7.09E-08	4.04E-06	3.16E-07	8.02E-08	7.19E-08	4.70E-08
298	**298**	6.6065E-06	1.79E-07	6.95E-08	5.76E-06	3.90E-07	8.14E-08	7.42E-08	4.77E-08
299	**299**	1.2035E-06	2.05E-07	7.62E-08	7.05E-07	7.92E-08	5.31E-08	4.92E-08	3.54E-08
300	**300**	1.2933E-06	2.03E-07	7.43E-08	7.83E-07	8.79E-08	5.65E-08	5.15E-08	3.70E-08
301	**301**	1.3963E-06	2.00E-07	7.28E-08	8.72E-07	9.83E-08	6.02E-08	5.39E-08	3.86E-08
302	**302**	1.5177E-06	1.97E-07	7.16E-08	9.78E-07	1.11E-07	6.40E-08	5.64E-08	4.02E-08
303	**303**	1.6644E-06	1.94E-07	7.08E-08	1.10E-06	1.26E-07	6.79E-08	5.90E-08	4.18E-08
304	**304**	1.8406E-06	1.91E-07	7.00E-08	1.26E-06	1.45E-07	7.19E-08	6.17E-08	4.35E-08
305	**305**	2.0651E-06	1.87E-07	6.93E-08	1.45E-06	1.68E-07	7.59E-08	6.44E-08	4.50E-08
306	**306**	2.3527E-06	1.84E-07	6.86E-08	1.71E-06	1.98E-07	7.97E-08	6.72E-08	4.64E-08
307	**307**	2.7375E-06	1.80E-07	6.78E-08	2.05E-06	2.37E-07	8.32E-08	7.00E-08	4.78E-08
308	**308**	3.2696E-06	1.77E-07	6.69E-08	2.53E-06	2.90E-07	8.63E-08	7.28E-08	4.90E-08
309	**309**	4.0490E-06	1.73E-07	6.58E-08	3.23E-06	3.61E-07	8.90E-08	7.56E-08	5.02E-08
310	**310**	5.3096E-06	1.70E-07	6.47E-08	4.39E-06	4.64E-07	9.09E-08	7.83E-08	5.11E-08
311	**311**	1.1449E-06	1.93E-07	7.03E-08	6.58E-07	8.15E-08	5.49E-08	5.03E-08	3.64E-08
312	**312**	1.2271E-06	1.91E-07	6.86E-08	7.27E-07	9.08E-08	5.87E-08	5.27E-08	3.82E-08
313	**313**	1.3212E-06	1.89E-07	6.73E-08	8.05E-07	1.02E-07	6.28E-08	5.53E-08	4.00E-08
314	**314**	1.4306E-06	1.86E-07	6.63E-08	8.96E-07	1.15E-07	6.72E-08	5.80E-08	4.18E-08
315	**315**	1.5587E-06	1.83E-07	6.54E-08	1.00E-06	1.32E-07	7.18E-08	6.09E-08	4.37E-08
316	**316**	1.7059E-06	1.73E-07	6.46E-08	1.13E-06	1.52E-07	7.66E-08	6.38E-08	4.55E-08
317	**317**	1.9013E-06	1.72E-07	6.42E-08	1.29E-06	1.78E-07	8.15E-08	6.69E-08	4.73E-08
318	**318**	2.1420E-06	1.68E-07	6.35E-08	1.49E-06	2.12E-07	8.63E-08	7.00E-08	4.91E-08
319	**319**	2.4663E-06	1.71E-07	6.29E-08	1.76E-06	2.57E-07	9.09E-08	7.32E-08	5.07E-08

Sywest Industrial Building - Alternative 3

Unmitigated - - Risk Summary

		Chronic Non Cancer Risk							
Receptor #	**Receptor #**	**Max Chronic Rec#**	**Onsite**	**Haul 1**	**Haul2**	**Haul3**	**Haul 4**	**Haul 5**	**Haul 6**
320	**320**	2.8903E-06	1.68E-07	6.21E-08	2.12E-06	3.19E-07	9.53E-08	7.64E-08	5.22E-08
321	**321**	3.4940E-06	1.65E-07	6.13E-08	2.63E-06	4.07E-07	9.90E-08	7.95E-08	5.36E-08
322	**322**	4.4065E-06	1.62E-07	6.04E-08	3.40E-06	5.42E-07	1.02E-07	8.26E-08	5.48E-08
323	**323**	1.0915E-06	1.82E-07	6.50E-08	6.15E-07	8.36E-08	5.68E-08	5.14E-08	3.75E-08
324	**324**	1.1663E-06	1.80E-07	6.35E-08	6.75E-07	9.34E-08	6.10E-08	5.39E-08	3.94E-08
325	**325**	1.2519E-06	1.78E-07	6.23E-08	7.43E-07	1.05E-07	6.56E-08	5.67E-08	4.14E-08
326	**326**	1.3413E-06	1.69E-07	6.11E-08	8.19E-07	1.19E-07	7.06E-08	5.97E-08	4.35E-08
327	**327**	1.4655E-06	1.72E-07	6.07E-08	9.12E-07	1.37E-07	7.58E-08	6.27E-08	4.55E-08
328	**328**	1.5987E-06	1.64E-07	6.01E-08	1.02E-06	1.59E-07	8.14E-08	6.60E-08	4.76E-08
329	**329**	1.7793E-06	1.68E-07	5.98E-08	1.16E-06	1.87E-07	8.72E-08	6.92E-08	4.97E-08
330	**330**	1.9769E-06	1.59E-07	5.91E-08	1.32E-06	2.24E-07	9.33E-08	7.28E-08	5.18E-08
331	**331**	2.2411E-06	1.56E-07	5.85E-08	1.52E-06	2.75E-07	9.94E-08	7.64E-08	5.37E-08
332	**332**	2.5925E-06	1.57E-07	5.79E-08	1.79E-06	3.45E-07	1.05E-07	8.00E-08	5.56E-08
333	**333**	3.0708E-06	1.57E-07	5.72E-08	2.16E-06	4.50E-07	1.11E-07	8.36E-08	5.73E-08
334	**334**	3.7456E-06	1.54E-07	5.63E-08	2.66E-06	6.15E-07	1.15E-07	8.72E-08	5.89E-08
335	**335**	1.0425E-06	1.72E-07	6.03E-08	5.76E-07	8.54E-08	5.88E-08	5.25E-08	3.85E-08
336	**336**	1.1113E-06	1.70E-07	5.89E-08	6.28E-07	9.56E-08	6.33E-08	5.52E-08	4.06E-08
337	**337**	1.1881E-06	1.67E-07	5.79E-08	6.87E-07	1.08E-07	6.83E-08	5.82E-08	4.28E-08
338	**338**	1.2710E-06	1.59E-07	5.66E-08	7.52E-07	1.23E-07	7.39E-08	6.13E-08	4.51E-08
339	**339**	1.3788E-06	1.58E-07	5.64E-08	8.32E-07	1.41E-07	7.99E-08	6.46E-08	4.74E-08
340	**340**	1.5027E-06	1.55E-07	5.58E-08	9.23E-07	1.65E-07	8.64E-08	6.82E-08	4.98E-08
341	**341**	1.6626E-06	1.59E-07	5.57E-08	1.03E-06	1.95E-07	9.33E-08	7.18E-08	5.22E-08

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 1

		Cancer Risk from 3rd Trimester								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
1	1.19252	**8.5625E-07**	1.0211E-06	3.46E-04	3.53E-10	0.25	1.57E-01	1.39E-11	1,000,000	1.39E-05
2	0.6574	8.5625E-07	5.629E-07	3.46E-04	1.95E-10	0.25	1.57E-01	7.66E-12	1,000,000	7.66E-06
3	0.69503	8.5625E-07	5.9512E-07	3.46E-04	2.06E-10	0.25	1.57E-01	8.09E-12	1,000,000	8.09E-06
4	0.75433	8.5625E-07	6.4589E-07	3.46E-04	2.24E-10	0.25	1.57E-01	8.78E-12	1,000,000	8.78E-06
5	0.83093	8.5625E-07	7.1148E-07	3.46E-04	2.46E-10	0.25	1.57E-01	9.68E-12	1,000,000	9.68E-06
6	0.88371	8.5625E-07	7.5667E-07	3.46E-04	2.62E-10	0.25	1.57E-01	1.03E-11	1,000,000	1.03E-05
7	0.98725	8.5625E-07	8.4533E-07	3.46E-04	2.93E-10	0.25	1.57E-01	1.15E-11	1,000,000	1.15E-05
8	0.42425	8.5625E-07	3.6326E-07	3.46E-04	1.26E-10	0.25	1.57E-01	4.94E-12	1,000,000	4.94E-06
9	0.40937	8.5625E-07	3.5052E-07	3.46E-04	1.21E-10	0.25	1.57E-01	4.77E-12	1,000,000	4.77E-06
10	0.39623	8.5625E-07	3.3927E-07	3.46E-04	1.17E-10	0.25	1.57E-01	4.61E-12	1,000,000	4.61E-06
11	0.38319	8.5625E-07	3.2811E-07	3.46E-04	1.14E-10	0.25	1.57E-01	4.46E-12	1,000,000	4.46E-06
12	0.36987	8.5625E-07	3.167E-07	3.46E-04	1.10E-10	0.25	1.57E-01	4.31E-12	1,000,000	4.31E-06
13	0.35683	8.5625E-07	3.0553E-07	3.46E-04	1.06E-10	0.25	1.57E-01	4.16E-12	1,000,000	4.16E-06
14	0.34406	8.5625E-07	2.946E-07	3.46E-04	1.02E-10	0.25	1.57E-01	4.01E-12	1,000,000	4.01E-06
15	0.33183	8.5625E-07	2.8413E-07	3.46E-04	9.84E-11	0.25	1.57E-01	3.86E-12	1,000,000	3.86E-06
16	0.45797	8.5625E-07	3.9214E-07	3.46E-04	1.36E-10	0.25	1.57E-01	5.33E-12	1,000,000	5.33E-06
17	0.44101	8.5625E-07	3.7761E-07	3.46E-04	1.31E-10	0.25	1.57E-01	5.14E-12	1,000,000	5.14E-06
18	0.42581	8.5625E-07	3.646E-07	3.46E-04	1.26E-10	0.25	1.57E-01	4.96E-12	1,000,000	4.96E-06
19	0.41071	8.5625E-07	3.5167E-07	3.46E-04	1.22E-10	0.25	1.57E-01	4.78E-12	1,000,000	4.78E-06
20	0.39535	8.5625E-07	3.3852E-07	3.46E-04	1.17E-10	0.25	1.57E-01	4.60E-12	1,000,000	4.60E-06
21	0.38087	8.5625E-07	3.2612E-07	3.46E-04	1.13E-10	0.25	1.57E-01	4.43E-12	1,000,000	4.43E-06
22	0.3667	8.5625E-07	3.1399E-07	3.46E-04	1.09E-10	0.25	1.57E-01	4.27E-12	1,000,000	4.27E-06
23	0.35267	8.5625E-07	3.0197E-07	3.46E-04	1.05E-10	0.25	1.57E-01	4.11E-12	1,000,000	4.11E-06
24	0.4588	8.5625E-07	3.9285E-07	3.46E-04	1.36E-10	0.25	1.57E-01	5.34E-12	1,000,000	5.34E-06
25	0.4414	8.5625E-07	3.7795E-07	3.46E-04	1.31E-10	0.25	1.57E-01	5.14E-12	1,000,000	5.14E-06
26	0.42355	8.5625E-07	3.6266E-07	3.46E-04	1.26E-10	0.25	1.57E-01	4.93E-12	1,000,000	4.93E-06
27	0.40715	8.5625E-07	3.4862E-07	3.46E-04	1.21E-10	0.25	1.57E-01	4.74E-12	1,000,000	4.74E-06
28	0.39144	8.5625E-07	3.3517E-07	3.46E-04	1.16E-10	0.25	1.57E-01	4.56E-12	1,000,000	4.56E-06
29	0.37558	8.5625E-07	3.2159E-07	3.46E-04	1.11E-10	0.25	1.57E-01	4.37E-12	1,000,000	4.37E-06
30	0.49581	8.5625E-07	4.2454E-07	3.46E-04	1.47E-10	0.25	1.57E-01	5.77E-12	1,000,000	5.77E-06
31	0.47597	8.5625E-07	4.0755E-07	3.46E-04	1.41E-10	0.25	1.57E-01	5.54E-12	1,000,000	5.54E-06
32	0.45547	8.5625E-07	3.9E-07	3.46E-04	1.35E-10	0.25	1.57E-01	5.30E-12	1,000,000	5.30E-06
33	0.43694	8.5625E-07	3.7413E-07	3.46E-04	1.30E-10	0.25	1.57E-01	5.09E-12	1,000,000	5.09E-06

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 1

		Cancer Risk from 3rd Trimester								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
34	0.41929	8.5625E-07	3.5902E-07	3.46E-04	1.24E-10	0.25	1.57E-01	4.88E-12	1,000,000	4.88E-06
35	0.40157	8.5625E-07	3.4384E-07	3.46E-04	1.19E-10	0.25	1.57E-01	4.68E-12	1,000,000	4.68E-06
36	0.53859	8.5625E-07	4.6117E-07	3.46E-04	1.60E-10	0.25	1.57E-01	6.27E-12	1,000,000	6.27E-06
37	0.51555	8.5625E-07	4.4144E-07	3.46E-04	1.53E-10	0.25	1.57E-01	6.00E-12	1,000,000	6.00E-06
38	0.49215	8.5625E-07	4.214E-07	3.46E-04	1.46E-10	0.25	1.57E-01	5.73E-12	1,000,000	5.73E-06
39	0.47096	8.5625E-07	4.0326E-07	3.46E-04	1.40E-10	0.25	1.57E-01	5.48E-12	1,000,000	5.48E-06
40	0.45112	8.5625E-07	3.8627E-07	3.46E-04	1.34E-10	0.25	1.57E-01	5.25E-12	1,000,000	5.25E-06
41	0.43104	8.5625E-07	3.6908E-07	3.46E-04	1.28E-10	0.25	1.57E-01	5.02E-12	1,000,000	5.02E-06
42	1.00767	8.5625E-07	8.6282E-07	3.46E-04	2.99E-10	0.25	1.57E-01	1.17E-11	1,000,000	1.17E-05
43	0.97615	8.5625E-07	8.3583E-07	3.46E-04	2.89E-10	0.25	1.57E-01	1.14E-11	1,000,000	1.14E-05
44	0.94066	8.5625E-07	8.0544E-07	3.46E-04	2.79E-10	0.25	1.57E-01	1.10E-11	1,000,000	1.10E-05
45	0.90248	8.5625E-07	7.7275E-07	3.46E-04	2.67E-10	0.25	1.57E-01	1.05E-11	1,000,000	1.05E-05
46	0.86178	8.5625E-07	7.379E-07	3.46E-04	2.55E-10	0.25	1.57E-01	1.00E-11	1,000,000	1.00E-05
47	0.8201	8.5625E-07	7.0221E-07	3.46E-04	2.43E-10	0.25	1.57E-01	9.55E-12	1,000,000	9.55E-06
48	0.78246	8.5625E-07	6.6998E-07	3.46E-04	2.32E-10	0.25	1.57E-01	9.11E-12	1,000,000	9.11E-06
49	0.58779	8.5625E-07	5.0329E-07	3.46E-04	1.74E-10	0.25	1.57E-01	6.84E-12	1,000,000	6.84E-06
50	0.56129	8.5625E-07	4.806E-07	3.46E-04	1.66E-10	0.25	1.57E-01	6.54E-12	1,000,000	6.54E-06
51	0.53453	8.5625E-07	4.5769E-07	3.46E-04	1.58E-10	0.25	1.57E-01	6.22E-12	1,000,000	6.22E-06
52	0.51033	8.5625E-07	4.3697E-07	3.46E-04	1.51E-10	0.25	1.57E-01	5.94E-12	1,000,000	5.94E-06
53	0.48754	8.5625E-07	4.1746E-07	3.46E-04	1.45E-10	0.25	1.57E-01	5.68E-12	1,000,000	5.68E-06
54	0.46456	8.5625E-07	3.9778E-07	3.46E-04	1.38E-10	0.25	1.57E-01	5.41E-12	1,000,000	5.41E-06
55	1.23491	8.5625E-07	1.0574E-06	3.46E-04	3.66E-10	0.25	1.57E-01	1.44E-11	1,000,000	1.44E-05
56	1.18194	8.5625E-07	1.012E-06	3.46E-04	3.50E-10	0.25	1.57E-01	1.38E-11	1,000,000	1.38E-05
57	1.13447	8.5625E-07	9.7139E-07	3.46E-04	3.36E-10	0.25	1.57E-01	1.32E-11	1,000,000	1.32E-05
58	1.07969	8.5625E-07	9.2448E-07	3.46E-04	3.20E-10	0.25	1.57E-01	1.26E-11	1,000,000	1.26E-05
59	1.02863	8.5625E-07	8.8076E-07	3.46E-04	3.05E-10	0.25	1.57E-01	1.20E-11	1,000,000	1.20E-05
60	0.97818	8.5625E-07	8.3756E-07	3.46E-04	2.90E-10	0.25	1.57E-01	1.14E-11	1,000,000	1.14E-05
61	0.92538	8.5625E-07	7.9235E-07	3.46E-04	2.74E-10	0.25	1.57E-01	1.08E-11	1,000,000	1.08E-05
62	0.87792	8.5625E-07	7.5172E-07	3.46E-04	2.60E-10	0.25	1.57E-01	1.02E-11	1,000,000	1.02E-05
63	0.8352	8.5625E-07	7.1514E-07	3.46E-04	2.48E-10	0.25	1.57E-01	9.73E-12	1,000,000	9.73E-06
64	0.64527	8.5625E-07	5.5251E-07	3.46E-04	1.91E-10	0.25	1.57E-01	7.51E-12	1,000,000	7.51E-06
65	0.61488	8.5625E-07	5.2649E-07	3.46E-04	1.82E-10	0.25	1.57E-01	7.16E-12	1,000,000	7.16E-06
66	0.58457	8.5625E-07	5.0054E-07	3.46E-04	1.73E-10	0.25	1.57E-01	6.81E-12	1,000,000	6.81E-06

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 1

		Cancer Risk from 3rd Trimester								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
67	0.55589	8.5625E-07	4.7598E-07	3.46E-04	1.65E-10	0.25	1.57E-01	6.47E-12	1,000,000	6.47E-06
68	0.53005	8.5625E-07	4.5385E-07	3.46E-04	1.57E-10	0.25	1.57E-01	6.17E-12	1,000,000	6.17E-06
69	0.50399	8.5625E-07	4.3154E-07	3.46E-04	1.49E-10	0.25	1.57E-01	5.87E-12	1,000,000	5.87E-06
70	1.40195	8.5625E-07	1.2004E-06	3.46E-04	4.16E-10	0.25	1.57E-01	1.63E-11	1,000,000	1.63E-05
71	1.33278	8.5625E-07	1.1412E-06	3.46E-04	3.95E-10	0.25	1.57E-01	1.55E-11	1,000,000	1.55E-05
72	1.25842	8.5625E-07	1.0775E-06	3.46E-04	3.73E-10	0.25	1.57E-01	1.47E-11	1,000,000	1.47E-05
73	1.18446	8.5625E-07	1.0142E-06	3.46E-04	3.51E-10	0.25	1.57E-01	1.38E-11	1,000,000	1.38E-05
74	1.11983	8.5625E-07	9.5885E-07	3.46E-04	3.32E-10	0.25	1.57E-01	1.30E-11	1,000,000	1.30E-05
75	1.05728	8.5625E-07	9.0529E-07	3.46E-04	3.13E-10	0.25	1.57E-01	1.23E-11	1,000,000	1.23E-05
76	0.99392	8.5625E-07	8.5104E-07	3.46E-04	2.95E-10	0.25	1.57E-01	1.16E-11	1,000,000	1.16E-05
77	0.94128	8.5625E-07	8.0597E-07	3.46E-04	2.79E-10	0.25	1.57E-01	1.10E-11	1,000,000	1.10E-05
78	0.677	8.5625E-07	5.7968E-07	3.46E-04	2.01E-10	0.25	1.57E-01	7.88E-12	1,000,000	7.88E-06
79	0.64085	8.5625E-07	5.4873E-07	3.46E-04	1.90E-10	0.25	1.57E-01	7.46E-12	1,000,000	7.46E-06
80	0.60824	8.5625E-07	5.208E-07	3.46E-04	1.80E-10	0.25	1.57E-01	7.08E-12	1,000,000	7.08E-06
81	0.57813	8.5625E-07	4.9502E-07	3.46E-04	1.71E-10	0.25	1.57E-01	6.73E-12	1,000,000	6.73E-06
82	0.54842	8.5625E-07	4.6958E-07	3.46E-04	1.63E-10	0.25	1.57E-01	6.39E-12	1,000,000	6.39E-06
83	1.70922	8.5625E-07	1.4635E-06	3.46E-04	5.07E-10	0.25	1.57E-01	1.99E-11	1,000,000	1.99E-05
84	1.58741	8.5625E-07	1.3592E-06	3.46E-04	4.71E-10	0.25	1.57E-01	1.85E-11	1,000,000	1.85E-05
85	1.48796	8.5625E-07	1.2741E-06	3.46E-04	4.41E-10	0.25	1.57E-01	1.73E-11	1,000,000	1.73E-05
86	1.38726	8.5625E-07	1.1878E-06	3.46E-04	4.11E-10	0.25	1.57E-01	1.62E-11	1,000,000	1.62E-05
87	1.29931	8.5625E-07	1.1125E-06	3.46E-04	3.85E-10	0.25	1.57E-01	1.51E-11	1,000,000	1.51E-05
88	1.22053	8.5625E-07	1.0451E-06	3.46E-04	3.62E-10	0.25	1.57E-01	1.42E-11	1,000,000	1.42E-05
89	1.14203	8.5625E-07	9.7786E-07	3.46E-04	3.39E-10	0.25	1.57E-01	1.33E-11	1,000,000	1.33E-05
90	1.07267	8.5625E-07	9.1847E-07	3.46E-04	3.18E-10	0.25	1.57E-01	1.25E-11	1,000,000	1.25E-05
91	1.01135	8.5625E-07	8.6597E-07	3.46E-04	3.00E-10	0.25	1.57E-01	1.18E-11	1,000,000	1.18E-05
92	0.79439	8.5625E-07	6.8019E-07	3.46E-04	2.35E-10	0.25	1.57E-01	9.25E-12	1,000,000	9.25E-06
93	0.75072	8.5625E-07	6.428E-07	3.46E-04	2.23E-10	0.25	1.57E-01	8.74E-12	1,000,000	8.74E-06
94	0.70801	8.5625E-07	6.0623E-07	3.46E-04	2.10E-10	0.25	1.57E-01	8.24E-12	1,000,000	8.24E-06
95	0.66994	8.5625E-07	5.7363E-07	3.46E-04	1.99E-10	0.25	1.57E-01	7.80E-12	1,000,000	7.80E-06
96	0.63462	8.5625E-07	5.4339E-07	3.46E-04	1.88E-10	0.25	1.57E-01	7.39E-12	1,000,000	7.39E-06
97	0.60034	8.5625E-07	5.1404E-07	3.46E-04	1.78E-10	0.25	1.57E-01	6.99E-12	1,000,000	6.99E-06
98	1.92934	8.5625E-07	1.652E-06	3.46E-04	5.72E-10	0.25	1.57E-01	2.25E-11	1,000,000	2.25E-05
99	1.79609	8.5625E-07	1.5379E-06	3.46E-04	5.32E-10	0.25	1.57E-01	2.09E-11	1,000,000	2.09E-05

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 1

		Cancer Risk from 3rd Trimester								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
100	1.66536	8.5625E-07	1.426E-06	3.46E-04	4.94E-10	0.25	1.57E-01	1.94E-11	1,000,000	1.94E-05
101	1.53477	8.5625E-07	1.3141E-06	3.46E-04	4.55E-10	0.25	1.57E-01	1.79E-11	1,000,000	1.79E-05
102	1.43193	8.5625E-07	1.2261E-06	3.46E-04	4.24E-10	0.25	1.57E-01	1.67E-11	1,000,000	1.67E-05
103	1.33357	8.5625E-07	1.1419E-06	3.46E-04	3.95E-10	0.25	1.57E-01	1.55E-11	1,000,000	1.55E-05
104	1.23934	8.5625E-07	1.0612E-06	3.46E-04	3.67E-10	0.25	1.57E-01	1.44E-11	1,000,000	1.44E-05
105	1.16224	8.5625E-07	9.9517E-07	3.46E-04	3.44E-10	0.25	1.57E-01	1.35E-11	1,000,000	1.35E-05
106	0.89408	8.5625E-07	7.6555E-07	3.46E-04	2.65E-10	0.25	1.57E-01	1.04E-11	1,000,000	1.04E-05
107	0.84006	8.5625E-07	7.193E-07	3.46E-04	2.49E-10	0.25	1.57E-01	9.78E-12	1,000,000	9.78E-06
108	0.78913	8.5625E-07	6.7569E-07	3.46E-04	2.34E-10	0.25	1.57E-01	9.19E-12	1,000,000	9.19E-06
109	0.74265	8.5625E-07	6.3589E-07	3.46E-04	2.20E-10	0.25	1.57E-01	8.65E-12	1,000,000	8.65E-06
110	0.70071	8.5625E-07	5.9998E-07	3.46E-04	2.08E-10	0.25	1.57E-01	8.16E-12	1,000,000	8.16E-06
111	0.66002	8.5625E-07	5.6514E-07	3.46E-04	1.96E-10	0.25	1.57E-01	7.69E-12	1,000,000	7.69E-06
112	2.22672	8.5625E-07	1.9066E-06	3.46E-04	6.60E-10	0.25	1.57E-01	2.59E-11	1,000,000	2.59E-05
113	2.04139	8.5625E-07	1.7479E-06	3.46E-04	6.05E-10	0.25	1.57E-01	2.38E-11	1,000,000	2.38E-05
114	1.86089	8.5625E-07	1.5934E-06	3.46E-04	5.52E-10	0.25	1.57E-01	2.17E-11	1,000,000	2.17E-05
115	1.70978	8.5625E-07	1.464E-06	3.46E-04	5.07E-10	0.25	1.57E-01	1.99E-11	1,000,000	1.99E-05
116	1.58038	8.5625E-07	1.3532E-06	3.46E-04	4.68E-10	0.25	1.57E-01	1.84E-11	1,000,000	1.84E-05
117	1.45548	8.5625E-07	1.2463E-06	3.46E-04	4.31E-10	0.25	1.57E-01	1.69E-11	1,000,000	1.69E-05
118	1.34828	8.5625E-07	1.1545E-06	3.46E-04	4.00E-10	0.25	1.57E-01	1.57E-11	1,000,000	1.57E-05
119	1.25589	8.5625E-07	1.0754E-06	3.46E-04	3.72E-10	0.25	1.57E-01	1.46E-11	1,000,000	1.46E-05
120	1.01725	8.5625E-07	8.7102E-07	3.46E-04	3.02E-10	0.25	1.57E-01	1.18E-11	1,000,000	1.18E-05
121	0.94678	8.5625E-07	8.1068E-07	3.46E-04	2.81E-10	0.25	1.57E-01	1.10E-11	1,000,000	1.10E-05
122	0.88634	8.5625E-07	7.5893E-07	3.46E-04	2.63E-10	0.25	1.57E-01	1.03E-11	1,000,000	1.03E-05
123	0.82959	8.5625E-07	7.1033E-07	3.46E-04	2.46E-10	0.25	1.57E-01	9.66E-12	1,000,000	9.66E-06
124	0.7782	8.5625E-07	6.6633E-07	3.46E-04	2.31E-10	0.25	1.57E-01	9.06E-12	1,000,000	9.06E-06
125	0.73021	8.5625E-07	6.2524E-07	3.46E-04	2.16E-10	0.25	1.57E-01	8.50E-12	1,000,000	8.50E-06
126	2.84394	8.5625E-07	2.4351E-06	3.46E-04	8.43E-10	0.25	1.57E-01	3.31E-11	1,000,000	3.31E-05
127	2.55705	8.5625E-07	2.1895E-06	3.46E-04	7.58E-10	0.25	1.57E-01	2.98E-11	1,000,000	2.98E-05
128	2.30743	8.5625E-07	1.9757E-06	3.46E-04	6.84E-10	0.25	1.57E-01	2.69E-11	1,000,000	2.69E-05
129	2.07674	8.5625E-07	1.7782E-06	3.46E-04	6.16E-10	0.25	1.57E-01	2.42E-11	1,000,000	2.42E-05
130	1.89483	8.5625E-07	1.6224E-06	3.46E-04	5.62E-10	0.25	1.57E-01	2.21E-11	1,000,000	2.21E-05
131	1.73094	8.5625E-07	1.4821E-06	3.46E-04	5.13E-10	0.25	1.57E-01	2.02E-11	1,000,000	2.02E-05
132	1.58103	8.5625E-07	1.3538E-06	3.46E-04	4.69E-10	0.25	1.57E-01	1.84E-11	1,000,000	1.84E-05

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 1

		Cancer Risk from 3rd Trimester								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
133	1.46078	8.5625E-07	1.2508E-06	3.46E-04	4.33E-10	0.25	1.57E-01	1.70E-11	1,000,000	1.70E-05
134	1.06852	8.5625E-07	9.1492E-07	3.46E-04	3.17E-10	0.25	1.57E-01	1.24E-11	1,000,000	1.24E-05
135	0.99748	8.5625E-07	8.5409E-07	3.46E-04	2.96E-10	0.25	1.57E-01	1.16E-11	1,000,000	1.16E-05
136	0.93127	8.5625E-07	7.974E-07	3.46E-04	2.76E-10	0.25	1.57E-01	1.08E-11	1,000,000	1.08E-05
137	0.86876	8.5625E-07	7.4387E-07	3.46E-04	2.58E-10	0.25	1.57E-01	1.01E-11	1,000,000	1.01E-05
138	0.81087	8.5625E-07	6.9431E-07	3.46E-04	2.40E-10	0.25	1.57E-01	9.44E-12	1,000,000	9.44E-06
139	3.26156	8.5625E-07	2.7927E-06	3.46E-04	9.67E-10	0.25	1.57E-01	3.80E-11	1,000,000	3.80E-05
140	2.8897	8.5625E-07	2.4743E-06	3.46E-04	8.57E-10	0.25	1.57E-01	3.36E-11	1,000,000	3.36E-05
141	2.56077	8.5625E-07	2.1927E-06	3.46E-04	7.59E-10	0.25	1.57E-01	2.98E-11	1,000,000	2.98E-05
142	2.29097	8.5625E-07	1.9616E-06	3.46E-04	6.79E-10	0.25	1.57E-01	2.67E-11	1,000,000	2.67E-05
143	2.07358	8.5625E-07	1.7755E-06	3.46E-04	6.15E-10	0.25	1.57E-01	2.41E-11	1,000,000	2.41E-05
144	1.87641	8.5625E-07	1.6067E-06	3.46E-04	5.56E-10	0.25	1.57E-01	2.18E-11	1,000,000	2.18E-05
145	1.70904	8.5625E-07	1.4634E-06	3.46E-04	5.07E-10	0.25	1.57E-01	1.99E-11	1,000,000	1.99E-05
146	1.56947	8.5625E-07	1.3439E-06	3.46E-04	4.65E-10	0.25	1.57E-01	1.83E-11	1,000,000	1.83E-05
147	1.21884	8.5625E-07	1.0436E-06	3.46E-04	3.61E-10	0.25	1.57E-01	1.42E-11	1,000,000	1.42E-05
148	1.12951	8.5625E-07	9.6714E-07	3.46E-04	3.35E-10	0.25	1.57E-01	1.32E-11	1,000,000	1.32E-05
149	1.04789	8.5625E-07	8.9725E-07	3.46E-04	3.11E-10	0.25	1.57E-01	1.22E-11	1,000,000	1.22E-05
150	0.97345	8.5625E-07	8.3351E-07	3.46E-04	2.89E-10	0.25	1.57E-01	1.13E-11	1,000,000	1.13E-05
151	0.90447	8.5625E-07	7.7445E-07	3.46E-04	2.68E-10	0.25	1.57E-01	1.05E-11	1,000,000	1.05E-05
152	4.1962	8.5625E-07	3.593E-06	3.46E-04	1.24E-09	0.25	1.57E-01	4.89E-11	1,000,000	4.89E-05
153	3.62658	8.5625E-07	3.1053E-06	3.46E-04	1.07E-09	0.25	1.57E-01	4.22E-11	1,000,000	4.22E-05
154	3.17028	8.5625E-07	2.7145E-06	3.46E-04	9.40E-10	0.25	1.57E-01	3.69E-11	1,000,000	3.69E-05
155	2.78927	8.5625E-07	2.3883E-06	3.46E-04	8.27E-10	0.25	1.57E-01	3.25E-11	1,000,000	3.25E-05
156	2.49081	8.5625E-07	2.1328E-06	3.46E-04	7.38E-10	0.25	1.57E-01	2.90E-11	1,000,000	2.90E-05
157	2.23853	8.5625E-07	1.9167E-06	3.46E-04	6.64E-10	0.25	1.57E-01	2.61E-11	1,000,000	2.61E-05
158	2.01859	8.5625E-07	1.7284E-06	3.46E-04	5.98E-10	0.25	1.57E-01	2.35E-11	1,000,000	2.35E-05
159	1.82996	8.5625E-07	1.5669E-06	3.46E-04	5.42E-10	0.25	1.57E-01	2.13E-11	1,000,000	2.13E-05
160	1.66231	8.5625E-07	1.4233E-06	3.46E-04	4.93E-10	0.25	1.57E-01	1.94E-11	1,000,000	1.94E-05
161	1.51953	8.5625E-07	1.3011E-06	3.46E-04	4.50E-10	0.25	1.57E-01	1.77E-11	1,000,000	1.77E-05
162	1.39142	8.5625E-07	1.1914E-06	3.46E-04	4.12E-10	0.25	1.57E-01	1.62E-11	1,000,000	1.62E-05
163	1.27891	8.5625E-07	1.0951E-06	3.46E-04	3.79E-10	0.25	1.57E-01	1.49E-11	1,000,000	1.49E-05
164	1.17986	8.5625E-07	1.0103E-06	3.46E-04	3.50E-10	0.25	1.57E-01	1.37E-11	1,000,000	1.37E-05
165	1.09337	8.5625E-07	9.362E-07	3.46E-04	3.24E-10	0.25	1.57E-01	1.27E-11	1,000,000	1.27E-05

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 1

		Cancer Risk from 3rd Trimester								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
166	1.01237	8.5625E-07	8.6684E-07	3.46E-04	3.00E-10	0.25	1.57E-01	1.18E-11	1,000,000	1.18E-05
167	4.56465	8.5625E-07	3.9085E-06	3.46E-04	1.35E-09	0.25	1.57E-01	5.32E-11	1,000,000	5.32E-05
168	3.93959	8.5625E-07	3.3733E-06	3.46E-04	1.17E-09	0.25	1.57E-01	4.59E-11	1,000,000	4.59E-05
169	3.42615	8.5625E-07	2.9336E-06	3.46E-04	1.02E-09	0.25	1.57E-01	3.99E-11	1,000,000	3.99E-05
170	3.00759	8.5625E-07	2.5752E-06	3.46E-04	8.91E-10	0.25	1.57E-01	3.50E-11	1,000,000	3.50E-05
171	2.67299	8.5625E-07	2.2887E-06	3.46E-04	7.92E-10	0.25	1.57E-01	3.11E-11	1,000,000	3.11E-05
172	2.38505	8.5625E-07	2.0422E-06	3.46E-04	7.07E-10	0.25	1.57E-01	2.78E-11	1,000,000	2.78E-05
173	2.13539	8.5625E-07	1.8284E-06	3.46E-04	6.33E-10	0.25	1.57E-01	2.49E-11	1,000,000	2.49E-05
174	1.92127	8.5625E-07	1.6451E-06	3.46E-04	5.69E-10	0.25	1.57E-01	2.24E-11	1,000,000	2.24E-05
175	1.74421	8.5625E-07	1.4935E-06	3.46E-04	5.17E-10	0.25	1.57E-01	2.03E-11	1,000,000	2.03E-05
176	1.58779	8.5625E-07	1.3595E-06	3.46E-04	4.71E-10	0.25	1.57E-01	1.85E-11	1,000,000	1.85E-05
177	1.45156	8.5625E-07	1.2429E-06	3.46E-04	4.30E-10	0.25	1.57E-01	1.69E-11	1,000,000	1.69E-05
178	1.33315	8.5625E-07	1.1415E-06	3.46E-04	3.95E-10	0.25	1.57E-01	1.55E-11	1,000,000	1.55E-05
179	1.22907	8.5625E-07	1.0524E-06	3.46E-04	3.64E-10	0.25	1.57E-01	1.43E-11	1,000,000	1.43E-05
180	1.13237	8.5625E-07	9.6959E-07	3.46E-04	3.36E-10	0.25	1.57E-01	1.32E-11	1,000,000	1.32E-05
181	5.8958	8.5625E-07	5.0483E-06	3.46E-04	1.75E-09	0.25	1.57E-01	6.87E-11	1,000,000	6.87E-05
182	4.94299	8.5625E-07	4.2324E-06	3.46E-04	1.47E-09	0.25	1.57E-01	5.76E-11	1,000,000	5.76E-05
183	4.24296	8.5625E-07	3.633E-06	3.46E-04	1.26E-09	0.25	1.57E-01	4.94E-11	1,000,000	4.94E-05
184	3.66876	8.5625E-07	3.1414E-06	3.46E-04	1.09E-09	0.25	1.57E-01	4.27E-11	1,000,000	4.27E-05
185	3.2085	8.5625E-07	2.7473E-06	3.46E-04	9.51E-10	0.25	1.57E-01	3.74E-11	1,000,000	3.74E-05
186	2.83035	8.5625E-07	2.4235E-06	3.46E-04	8.39E-10	0.25	1.57E-01	3.30E-11	1,000,000	3.30E-05
187	2.50972	8.5625E-07	2.1489E-06	3.46E-04	7.44E-10	0.25	1.57E-01	2.92E-11	1,000,000	2.92E-05
188	2.2413	8.5625E-07	1.9191E-06	3.46E-04	6.64E-10	0.25	1.57E-01	2.61E-11	1,000,000	2.61E-05
189	2.01545	8.5625E-07	1.7257E-06	3.46E-04	5.97E-10	0.25	1.57E-01	2.35E-11	1,000,000	2.35E-05
190	1.82158	8.5625E-07	1.5597E-06	3.46E-04	5.40E-10	0.25	1.57E-01	2.12E-11	1,000,000	2.12E-05
191	1.65368	8.5625E-07	1.416E-06	3.46E-04	4.90E-10	0.25	1.57E-01	1.93E-11	1,000,000	1.93E-05
192	1.50742	8.5625E-07	1.2907E-06	3.46E-04	4.47E-10	0.25	1.57E-01	1.76E-11	1,000,000	1.76E-05
193	1.3801	8.5625E-07	1.1817E-06	3.46E-04	4.09E-10	0.25	1.57E-01	1.61E-11	1,000,000	1.61E-05
194	1.26366	8.5625E-07	1.082E-06	3.46E-04	3.75E-10	0.25	1.57E-01	1.47E-11	1,000,000	1.47E-05
195	6.27757	8.5625E-07	5.3752E-06	3.46E-04	1.86E-09	0.25	1.57E-01	7.31E-11	1,000,000	7.31E-05
196	5.28485	8.5625E-07	4.5251E-06	3.46E-04	1.57E-09	0.25	1.57E-01	6.15E-11	1,000,000	6.15E-05
197	4.49894	8.5625E-07	3.8522E-06	3.46E-04	1.33E-09	0.25	1.57E-01	5.24E-11	1,000,000	5.24E-05
198	3.85602	8.5625E-07	3.3017E-06	3.46E-04	1.14E-09	0.25	1.57E-01	4.49E-11	1,000,000	4.49E-05

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 1

		Cancer Risk from 3rd Trimester								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
199	3.35206	8.5625E-07	2.8702E-06	3.46E-04	9.94E-10	0.25	1.57E-01	3.90E-11	1,000,000	3.90E-05
200	2.94073	8.5625E-07	2.518E-06	3.46E-04	8.72E-10	0.25	1.57E-01	3.42E-11	1,000,000	3.42E-05
201	2.60186	8.5625E-07	2.2278E-06	3.46E-04	7.71E-10	0.25	1.57E-01	3.03E-11	1,000,000	3.03E-05
202	2.31791	8.5625E-07	1.9847E-06	3.46E-04	6.87E-10	0.25	1.57E-01	2.70E-11	1,000,000	2.70E-05
203	2.07814	8.5625E-07	1.7794E-06	3.46E-04	6.16E-10	0.25	1.57E-01	2.42E-11	1,000,000	2.42E-05
204	1.87252	8.5625E-07	1.6033E-06	3.46E-04	5.55E-10	0.25	1.57E-01	2.18E-11	1,000,000	2.18E-05
205	1.69464	8.5625E-07	1.451E-06	3.46E-04	5.02E-10	0.25	1.57E-01	1.97E-11	1,000,000	1.97E-05
206	1.54219	8.5625E-07	1.3205E-06	3.46E-04	4.57E-10	0.25	1.57E-01	1.80E-11	1,000,000	1.80E-05
207	1.40601	8.5625E-07	1.2039E-06	3.46E-04	4.17E-10	0.25	1.57E-01	1.64E-11	1,000,000	1.64E-05
208	6.58462	8.5625E-07	5.6381E-06	3.46E-04	1.95E-09	0.25	1.57E-01	7.67E-11	1,000,000	7.67E-05
209	5.49619	8.5625E-07	4.7061E-06	3.46E-04	1.63E-09	0.25	1.57E-01	6.40E-11	1,000,000	6.40E-05
210	4.64647	8.5625E-07	3.9785E-06	3.46E-04	1.38E-09	0.25	1.57E-01	5.41E-11	1,000,000	5.41E-05
211	3.97284	8.5625E-07	3.4017E-06	3.46E-04	1.18E-09	0.25	1.57E-01	4.63E-11	1,000,000	4.63E-05
212	3.44005	8.5625E-07	2.9455E-06	3.46E-04	1.02E-09	0.25	1.57E-01	4.01E-11	1,000,000	4.01E-05
213	3.01009	8.5625E-07	2.5774E-06	3.46E-04	8.92E-10	0.25	1.57E-01	3.51E-11	1,000,000	3.51E-05
214	2.65584	8.5625E-07	2.2741E-06	3.46E-04	7.87E-10	0.25	1.57E-01	3.09E-11	1,000,000	3.09E-05
215	2.35779	8.5625E-07	2.0189E-06	3.46E-04	6.99E-10	0.25	1.57E-01	2.75E-11	1,000,000	2.75E-05
216	2.10908	8.5625E-07	1.8059E-06	3.46E-04	6.25E-10	0.25	1.57E-01	2.46E-11	1,000,000	2.46E-05
217	1.89751	8.5625E-07	1.6247E-06	3.46E-04	5.62E-10	0.25	1.57E-01	2.21E-11	1,000,000	2.21E-05
218	1.71653	8.5625E-07	1.4698E-06	3.46E-04	5.09E-10	0.25	1.57E-01	2.00E-11	1,000,000	2.00E-05
219	1.55859	8.5625E-07	1.3345E-06	3.46E-04	4.62E-10	0.25	1.57E-01	1.81E-11	1,000,000	1.81E-05
220	4.01869	8.5625E-07	3.441E-06	3.46E-04	1.19E-09	0.25	1.57E-01	4.68E-11	1,000,000	4.68E-05
221	3.47673	8.5625E-07	2.9769E-06	3.46E-04	1.03E-09	0.25	1.57E-01	4.05E-11	1,000,000	4.05E-05
222	3.03761	8.5625E-07	2.6009E-06	3.46E-04	9.00E-10	0.25	1.57E-01	3.54E-11	1,000,000	3.54E-05
223	2.67474	8.5625E-07	2.2902E-06	3.46E-04	7.93E-10	0.25	1.57E-01	3.11E-11	1,000,000	3.11E-05
224	2.37213	8.5625E-07	2.0311E-06	3.46E-04	7.03E-10	0.25	1.57E-01	2.76E-11	1,000,000	2.76E-05
225	2.11888	8.5625E-07	1.8143E-06	3.46E-04	6.28E-10	0.25	1.57E-01	2.47E-11	1,000,000	2.47E-05
226	1.90325	8.5625E-07	1.6297E-06	3.46E-04	5.64E-10	0.25	1.57E-01	2.22E-11	1,000,000	2.22E-05
227	1.71763	8.5625E-07	1.4707E-06	3.46E-04	5.09E-10	0.25	1.57E-01	2.00E-11	1,000,000	2.00E-05
228	3.98431	8.5625E-07	3.4116E-06	3.46E-04	1.18E-09	0.25	1.57E-01	4.64E-11	1,000,000	4.64E-05
229	3.44432	8.5625E-07	2.9492E-06	3.46E-04	1.02E-09	0.25	1.57E-01	4.01E-11	1,000,000	4.01E-05
230	3.00667	8.5625E-07	2.5745E-06	3.46E-04	8.91E-10	0.25	1.57E-01	3.50E-11	1,000,000	3.50E-05
231	2.64509	8.5625E-07	2.2649E-06	3.46E-04	7.84E-10	0.25	1.57E-01	3.08E-11	1,000,000	3.08E-05

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 1

		Cancer Risk from 3rd Trimester								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
232	2.34649	8.5625E-07	2.0092E-06	3.46E-04	6.96E-10	0.25	1.57E-01	2.73E-11	1,000,000	2.73E-05
233	2.09481	8.5625E-07	1.7937E-06	3.46E-04	6.21E-10	0.25	1.57E-01	2.44E-11	1,000,000	2.44E-05
234	1.88113	8.5625E-07	1.6107E-06	3.46E-04	5.58E-10	0.25	1.57E-01	2.19E-11	1,000,000	2.19E-05
235	7.258	8.5625E-07	6.2146E-06	3.46E-04	2.15E-09	0.25	1.57E-01	8.45E-11	1,000,000	8.45E-05
236	7.36909	8.5625E-07	6.3098E-06	3.46E-04	2.18E-09	0.25	1.57E-01	8.58E-11	1,000,000	8.58E-05
237	6.08576	8.5625E-07	5.2109E-06	3.46E-04	1.80E-09	0.25	1.57E-01	7.09E-11	1,000,000	7.09E-05
238	5.10162	8.5625E-07	4.3683E-06	3.46E-04	1.51E-09	0.25	1.57E-01	5.94E-11	1,000,000	5.94E-05
239	7.32099	8.5625E-07	6.2686E-06	3.46E-04	2.17E-09	0.25	1.57E-01	8.52E-11	1,000,000	8.52E-05
240	6.02971	8.5625E-07	5.1629E-06	3.46E-04	1.79E-09	0.25	1.57E-01	7.02E-11	1,000,000	7.02E-05
241	5.06216	8.5625E-07	4.3345E-06	3.46E-04	1.50E-09	0.25	1.57E-01	5.89E-11	1,000,000	5.89E-05
242	4.30174	8.5625E-07	3.6834E-06	3.46E-04	1.28E-09	0.25	1.57E-01	5.01E-11	1,000,000	5.01E-05

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 1

		Cancer Risk from 3rd Trimester								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
243	0.67706	8.5625E-07	5.7973E-07	3.46E-04	2.01E-10	0.25	1.57E-01	7.88E-12	1,000,000	7.88E-06
244	0.66252	8.5625E-07	5.6728E-07	3.46E-04	1.96E-10	0.25	1.57E-01	7.71E-12	1,000,000	7.71E-06
245	0.65107	8.5625E-07	5.5748E-07	3.46E-04	1.93E-10	0.25	1.57E-01	7.58E-12	1,000,000	7.58E-06
246	0.64094	8.5625E-07	5.488E-07	3.46E-04	1.90E-10	0.25	1.57E-01	7.46E-12	1,000,000	7.46E-06
247	0.62981	8.5625E-07	5.3927E-07	3.46E-04	1.87E-10	0.25	1.57E-01	7.33E-12	1,000,000	7.33E-06
248	0.61748	8.5625E-07	5.2872E-07	3.46E-04	1.83E-10	0.25	1.57E-01	7.19E-12	1,000,000	7.19E-06
249	0.60354	8.5625E-07	5.1678E-07	3.46E-04	1.79E-10	0.25	1.57E-01	7.03E-12	1,000,000	7.03E-06
250	0.58853	8.5625E-07	5.0393E-07	3.46E-04	1.74E-10	0.25	1.57E-01	6.85E-12	1,000,000	6.85E-06
251	0.57293	8.5625E-07	4.9057E-07	3.46E-04	1.70E-10	0.25	1.57E-01	6.67E-12	1,000,000	6.67E-06
252	0.64408	8.5625E-07	5.5149E-07	3.46E-04	1.91E-10	0.25	1.57E-01	7.50E-12	1,000,000	7.50E-06
253	0.62495	8.5625E-07	5.3511E-07	3.46E-04	1.85E-10	0.25	1.57E-01	7.28E-12	1,000,000	7.28E-06
254	0.61026	8.5625E-07	5.2253E-07	3.46E-04	1.81E-10	0.25	1.57E-01	7.11E-12	1,000,000	7.11E-06
255	0.59898	8.5625E-07	5.1288E-07	3.46E-04	1.78E-10	0.25	1.57E-01	6.97E-12	1,000,000	6.97E-06
256	0.58993	8.5625E-07	5.0513E-07	3.46E-04	1.75E-10	0.25	1.57E-01	6.87E-12	1,000,000	6.87E-06
257	0.58093	8.5625E-07	4.9742E-07	3.46E-04	1.72E-10	0.25	1.57E-01	6.76E-12	1,000,000	6.76E-06
258	0.57205	8.5625E-07	4.8982E-07	3.46E-04	1.70E-10	0.25	1.57E-01	6.66E-12	1,000,000	6.66E-06
259	0.56167	8.5625E-07	4.8093E-07	3.46E-04	1.66E-10	0.25	1.57E-01	6.54E-12	1,000,000	6.54E-06
260	0.55037	8.5625E-07	4.7125E-07	3.46E-04	1.63E-10	0.25	1.57E-01	6.41E-12	1,000,000	6.41E-06
261	0.53817	8.5625E-07	4.6081E-07	3.46E-04	1.60E-10	0.25	1.57E-01	6.27E-12	1,000,000	6.27E-06
262	0.5256	8.5625E-07	4.5004E-07	3.46E-04	1.56E-10	0.25	1.57E-01	6.12E-12	1,000,000	6.12E-06
263	0.58335	8.5625E-07	4.9949E-07	3.46E-04	1.73E-10	0.25	1.57E-01	6.79E-12	1,000,000	6.79E-06
264	0.56603	8.5625E-07	4.8466E-07	3.46E-04	1.68E-10	0.25	1.57E-01	6.59E-12	1,000,000	6.59E-06
265	0.55363	8.5625E-07	4.7404E-07	3.46E-04	1.64E-10	0.25	1.57E-01	6.45E-12	1,000,000	6.45E-06
266	0.54379	8.5625E-07	4.6562E-07	3.46E-04	1.61E-10	0.25	1.57E-01	6.33E-12	1,000,000	6.33E-06
267	0.53611	8.5625E-07	4.5904E-07	3.46E-04	1.59E-10	0.25	1.57E-01	6.24E-12	1,000,000	6.24E-06
268	0.5286	8.5625E-07	4.5261E-07	3.46E-04	1.57E-10	0.25	1.57E-01	6.16E-12	1,000,000	6.16E-06
269	0.5215	8.5625E-07	4.4653E-07	3.46E-04	1.55E-10	0.25	1.57E-01	6.07E-12	1,000,000	6.07E-06
270	0.51324	8.5625E-07	4.3946E-07	3.46E-04	1.52E-10	0.25	1.57E-01	5.98E-12	1,000,000	5.98E-06
271	0.50434	8.5625E-07	4.3184E-07	3.46E-04	1.49E-10	0.25	1.57E-01	5.87E-12	1,000,000	5.87E-06
272	0.49444	8.5625E-07	4.2336E-07	3.46E-04	1.47E-10	0.25	1.57E-01	5.76E-12	1,000,000	5.76E-06
273	0.48392	8.5625E-07	4.1436E-07	3.46E-04	1.43E-10	0.25	1.57E-01	5.63E-12	1,000,000	5.63E-06
274	0.47189	8.5625E-07	4.0405E-07	3.46E-04	1.40E-10	0.25	1.57E-01	5.49E-12	1,000,000	5.49E-06
275	0.53037	8.5625E-07	4.5413E-07	3.46E-04	1.57E-10	0.25	1.57E-01	6.18E-12	1,000,000	6.18E-06

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 1

		Cancer Risk from 3rd Trimester								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
276	0.51592	8.5625E-07	4.4176E-07	3.46E-04	1.53E-10	0.25	1.57E-01	6.01E-12	1,000,000	6.01E-06
277	0.50485	8.5625E-07	4.3228E-07	3.46E-04	1.50E-10	0.25	1.57E-01	5.88E-12	1,000,000	5.88E-06
278	0.49634	8.5625E-07	4.2499E-07	3.46E-04	1.47E-10	0.25	1.57E-01	5.78E-12	1,000,000	5.78E-06
279	0.48957	8.5625E-07	4.1919E-07	3.46E-04	1.45E-10	0.25	1.57E-01	5.70E-12	1,000,000	5.70E-06
280	0.48348	8.5625E-07	4.1398E-07	3.46E-04	1.43E-10	0.25	1.57E-01	5.63E-12	1,000,000	5.63E-06
281	0.47716	8.5625E-07	4.0857E-07	3.46E-04	1.41E-10	0.25	1.57E-01	5.56E-12	1,000,000	5.56E-06
282	0.47072	8.5625E-07	4.0305E-07	3.46E-04	1.40E-10	0.25	1.57E-01	5.48E-12	1,000,000	5.48E-06
283	0.46356	8.5625E-07	3.9692E-07	3.46E-04	1.37E-10	0.25	1.57E-01	5.40E-12	1,000,000	5.40E-06
284	0.45543	8.5625E-07	3.8996E-07	3.46E-04	1.35E-10	0.25	1.57E-01	5.30E-12	1,000,000	5.30E-06
285	0.44651	8.5625E-07	3.8232E-07	3.46E-04	1.32E-10	0.25	1.57E-01	5.20E-12	1,000,000	5.20E-06
286	0.43699	8.5625E-07	3.7417E-07	3.46E-04	1.30E-10	0.25	1.57E-01	5.09E-12	1,000,000	5.09E-06
287	0.48477	8.5625E-07	4.1508E-07	3.46E-04	1.44E-10	0.25	1.57E-01	5.64E-12	1,000,000	5.64E-06
288	0.47206	8.5625E-07	4.042E-07	3.46E-04	1.40E-10	0.25	1.57E-01	5.50E-12	1,000,000	5.50E-06
289	0.46213	8.5625E-07	3.957E-07	3.46E-04	1.37E-10	0.25	1.57E-01	5.38E-12	1,000,000	5.38E-06
290	0.45478	8.5625E-07	3.894E-07	3.46E-04	1.35E-10	0.25	1.57E-01	5.30E-12	1,000,000	5.30E-06
291	0.44871	8.5625E-07	3.8421E-07	3.46E-04	1.33E-10	0.25	1.57E-01	5.22E-12	1,000,000	5.22E-06
292	0.44396	8.5625E-07	3.8014E-07	3.46E-04	1.32E-10	0.25	1.57E-01	5.17E-12	1,000,000	5.17E-06
293	0.43873	8.5625E-07	3.7566E-07	3.46E-04	1.30E-10	0.25	1.57E-01	5.11E-12	1,000,000	5.11E-06
294	0.4338	8.5625E-07	3.7144E-07	3.46E-04	1.29E-10	0.25	1.57E-01	5.05E-12	1,000,000	5.05E-06
295	0.428	8.5625E-07	3.6647E-07	3.46E-04	1.27E-10	0.25	1.57E-01	4.98E-12	1,000,000	4.98E-06
296	0.42134	8.5625E-07	3.6077E-07	3.46E-04	1.25E-10	0.25	1.57E-01	4.91E-12	1,000,000	4.91E-06
297	0.41379	8.5625E-07	3.5431E-07	3.46E-04	1.23E-10	0.25	1.57E-01	4.82E-12	1,000,000	4.82E-06
298	0.40586	8.5625E-07	3.4752E-07	3.46E-04	1.20E-10	0.25	1.57E-01	4.73E-12	1,000,000	4.73E-06
299	0.44499	8.5625E-07	3.8102E-07	3.46E-04	1.32E-10	0.25	1.57E-01	5.18E-12	1,000,000	5.18E-06
300	0.43397	8.5625E-07	3.7159E-07	3.46E-04	1.29E-10	0.25	1.57E-01	5.05E-12	1,000,000	5.05E-06
301	0.42505	8.5625E-07	3.6395E-07	3.46E-04	1.26E-10	0.25	1.57E-01	4.95E-12	1,000,000	4.95E-06
302	0.41828	8.5625E-07	3.5815E-07	3.46E-04	1.24E-10	0.25	1.57E-01	4.87E-12	1,000,000	4.87E-06
303	0.41353	8.5625E-07	3.5408E-07	3.46E-04	1.23E-10	0.25	1.57E-01	4.82E-12	1,000,000	4.82E-06
304	0.40869	8.5625E-07	3.4994E-07	3.46E-04	1.21E-10	0.25	1.57E-01	4.76E-12	1,000,000	4.76E-06
305	0.4049	8.5625E-07	3.4669E-07	3.46E-04	1.20E-10	0.25	1.57E-01	4.71E-12	1,000,000	4.71E-06
306	0.40073	8.5625E-07	3.4312E-07	3.46E-04	1.19E-10	0.25	1.57E-01	4.67E-12	1,000,000	4.67E-06
307	0.39616	8.5625E-07	3.3921E-07	3.46E-04	1.17E-10	0.25	1.57E-01	4.61E-12	1,000,000	4.61E-06
308	0.39062	8.5625E-07	3.3447E-07	3.46E-04	1.16E-10	0.25	1.57E-01	4.55E-12	1,000,000	4.55E-06

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 1

		Cancer Risk from 3rd Trimester								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
309	0.38427	8.5625E-07	3.2903E-07	3.46E-04	1.14E-10	0.25	1.57E-01	4.47E-12	1,000,000	4.47E-06
310	0.37782	8.5625E-07	3.2351E-07	3.46E-04	1.12E-10	0.25	1.57E-01	4.40E-12	1,000,000	4.40E-06
311	0.41029	8.5625E-07	3.5131E-07	3.46E-04	1.22E-10	0.25	1.57E-01	4.78E-12	1,000,000	4.78E-06
312	0.40073	8.5625E-07	3.4312E-07	3.46E-04	1.19E-10	0.25	1.57E-01	4.67E-12	1,000,000	4.67E-06
313	0.39325	8.5625E-07	3.3672E-07	3.46E-04	1.17E-10	0.25	1.57E-01	4.58E-12	1,000,000	4.58E-06
314	0.38732	8.5625E-07	3.3164E-07	3.46E-04	1.15E-10	0.25	1.57E-01	4.51E-12	1,000,000	4.51E-06
315	0.38215	8.5625E-07	3.2722E-07	3.46E-04	1.13E-10	0.25	1.57E-01	4.45E-12	1,000,000	4.45E-06
316	0.37746	8.5625E-07	3.232E-07	3.46E-04	1.12E-10	0.25	1.57E-01	4.40E-12	1,000,000	4.40E-06
317	0.37464	8.5625E-07	3.2078E-07	3.46E-04	1.11E-10	0.25	1.57E-01	4.36E-12	1,000,000	4.36E-06
318	0.37094	8.5625E-07	3.1762E-07	3.46E-04	1.10E-10	0.25	1.57E-01	4.32E-12	1,000,000	4.32E-06
319	0.36721	8.5625E-07	3.1442E-07	3.46E-04	1.09E-10	0.25	1.57E-01	4.28E-12	1,000,000	4.28E-06
320	0.36254	8.5625E-07	3.1042E-07	3.46E-04	1.07E-10	0.25	1.57E-01	4.22E-12	1,000,000	4.22E-06
321	0.35782	8.5625E-07	3.0638E-07	3.46E-04	1.06E-10	0.25	1.57E-01	4.17E-12	1,000,000	4.17E-06
322	0.35249	8.5625E-07	3.0182E-07	3.46E-04	1.04E-10	0.25	1.57E-01	4.10E-12	1,000,000	4.10E-06
323	0.37956	8.5625E-07	3.25E-07	3.46E-04	1.13E-10	0.25	1.57E-01	4.42E-12	1,000,000	4.42E-06
324	0.3709	8.5625E-07	3.1758E-07	3.46E-04	1.10E-10	0.25	1.57E-01	4.32E-12	1,000,000	4.32E-06
325	0.36396	8.5625E-07	3.1164E-07	3.46E-04	1.08E-10	0.25	1.57E-01	4.24E-12	1,000,000	4.24E-06
326	0.35669	8.5625E-07	3.0542E-07	3.46E-04	1.06E-10	0.25	1.57E-01	4.15E-12	1,000,000	4.15E-06
327	0.35467	8.5625E-07	3.0369E-07	3.46E-04	1.05E-10	0.25	1.57E-01	4.13E-12	1,000,000	4.13E-06
328	0.35116	8.5625E-07	3.0068E-07	3.46E-04	1.04E-10	0.25	1.57E-01	4.09E-12	1,000,000	4.09E-06
329	0.34947	8.5625E-07	2.9923E-07	3.46E-04	1.04E-10	0.25	1.57E-01	4.07E-12	1,000,000	4.07E-06
330	0.34524	8.5625E-07	2.9561E-07	3.46E-04	1.02E-10	0.25	1.57E-01	4.02E-12	1,000,000	4.02E-06
331	0.34147	8.5625E-07	2.9238E-07	3.46E-04	1.01E-10	0.25	1.57E-01	3.98E-12	1,000,000	3.98E-06
332	0.33789	8.5625E-07	2.8932E-07	3.46E-04	1.00E-10	0.25	1.57E-01	3.93E-12	1,000,000	3.93E-06
333	0.33383	8.5625E-07	2.8584E-07	3.46E-04	9.89E-11	0.25	1.57E-01	3.89E-12	1,000,000	3.89E-06
334	0.32898	8.5625E-07	2.8169E-07	3.46E-04	9.75E-11	0.25	1.57E-01	3.83E-12	1,000,000	3.83E-06
335	0.35215	8.5625E-07	3.0153E-07	3.46E-04	1.04E-10	0.25	1.57E-01	4.10E-12	1,000,000	4.10E-06
336	0.34408	8.5625E-07	2.9462E-07	3.46E-04	1.02E-10	0.25	1.57E-01	4.01E-12	1,000,000	4.01E-06
337	0.33796	8.5625E-07	2.8938E-07	3.46E-04	1.00E-10	0.25	1.57E-01	3.94E-12	1,000,000	3.94E-06
338	0.33065	8.5625E-07	2.8312E-07	3.46E-04	9.80E-11	0.25	1.57E-01	3.85E-12	1,000,000	3.85E-06
339	0.32916	8.5625E-07	2.8184E-07	3.46E-04	9.76E-11	0.25	1.57E-01	3.83E-12	1,000,000	3.83E-06
340	0.32589	8.5625E-07	2.7904E-07	3.46E-04	9.66E-11	0.25	1.57E-01	3.79E-12	1,000,000	3.79E-06
341	0.32528	8.5625E-07	2.7852E-07	3.46E-04	9.64E-11	0.25	1.57E-01	3.79E-12	1,000,000	3.79E-06

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 1

	Cancer Risk from Birth to 2 years								
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
1	8.5625E-07	1.0211E-06	1.05E-03	1.07E-09	2.00	1.57E-01	3.35E-10	1,000,000	3.4E-04
2	8.5625E-07	5.629E-07	1.05E-03	5.88E-10	2.00	1.57E-01	1.85E-10	1,000,000	1.85E-04
3	8.5625E-07	5.9512E-07	1.05E-03	6.22E-10	2.00	1.57E-01	1.95E-10	1,000,000	1.95E-04
4	8.5625E-07	6.4589E-07	1.05E-03	6.75E-10	2.00	1.57E-01	2.12E-10	1,000,000	2.12E-04
5	8.5625E-07	7.1148E-07	1.05E-03	7.44E-10	2.00	1.57E-01	2.34E-10	1,000,000	2.34E-04
6	8.5625E-07	7.5667E-07	1.05E-03	7.91E-10	2.00	1.57E-01	2.49E-10	1,000,000	2.49E-04
7	8.5625E-07	8.4533E-07	1.05E-03	8.84E-10	2.00	1.57E-01	2.78E-10	1,000,000	2.78E-04
8	8.5625E-07	3.6326E-07	1.05E-03	3.80E-10	2.00	1.57E-01	1.19E-10	1,000,000	1.19E-04
9	8.5625E-07	3.5052E-07	1.05E-03	3.66E-10	2.00	1.57E-01	1.15E-10	1,000,000	1.15E-04
10	8.5625E-07	3.3927E-07	1.05E-03	3.55E-10	2.00	1.57E-01	1.11E-10	1,000,000	1.11E-04
11	8.5625E-07	3.2811E-07	1.05E-03	3.43E-10	2.00	1.57E-01	1.08E-10	1,000,000	1.08E-04
12	8.5625E-07	3.167E-07	1.05E-03	3.31E-10	2.00	1.57E-01	1.04E-10	1,000,000	1.04E-04
13	8.5625E-07	3.0553E-07	1.05E-03	3.19E-10	2.00	1.57E-01	1.00E-10	1,000,000	1.00E-04
14	8.5625E-07	2.946E-07	1.05E-03	3.08E-10	2.00	1.57E-01	9.68E-11	1,000,000	9.68E-05
15	8.5625E-07	2.8413E-07	1.05E-03	2.97E-10	2.00	1.57E-01	9.33E-11	1,000,000	9.33E-05
16	8.5625E-07	3.9214E-07	1.05E-03	4.10E-10	2.00	1.57E-01	1.29E-10	1,000,000	1.29E-04
17	8.5625E-07	3.7761E-07	1.05E-03	3.95E-10	2.00	1.57E-01	1.24E-10	1,000,000	1.24E-04
18	8.5625E-07	3.646E-07	1.05E-03	3.81E-10	2.00	1.57E-01	1.20E-10	1,000,000	1.20E-04
19	8.5625E-07	3.5167E-07	1.05E-03	3.68E-10	2.00	1.57E-01	1.16E-10	1,000,000	1.16E-04
20	8.5625E-07	3.3852E-07	1.05E-03	3.54E-10	2.00	1.57E-01	1.11E-10	1,000,000	1.11E-04
21	8.5625E-07	3.2612E-07	1.05E-03	3.41E-10	2.00	1.57E-01	1.07E-10	1,000,000	1.07E-04
22	8.5625E-07	3.1399E-07	1.05E-03	3.28E-10	2.00	1.57E-01	1.03E-10	1,000,000	1.03E-04
23	8.5625E-07	3.0197E-07	1.05E-03	3.16E-10	2.00	1.57E-01	9.92E-11	1,000,000	9.92E-05
24	8.5625E-07	3.9285E-07	1.05E-03	4.11E-10	2.00	1.57E-01	1.29E-10	1,000,000	1.29E-04
25	8.5625E-07	3.7795E-07	1.05E-03	3.95E-10	2.00	1.57E-01	1.24E-10	1,000,000	1.24E-04
26	8.5625E-07	3.6266E-07	1.05E-03	3.79E-10	2.00	1.57E-01	1.19E-10	1,000,000	1.19E-04
27	8.5625E-07	3.4862E-07	1.05E-03	3.64E-10	2.00	1.57E-01	1.15E-10	1,000,000	1.15E-04
28	8.5625E-07	3.3517E-07	1.05E-03	3.50E-10	2.00	1.57E-01	1.10E-10	1,000,000	1.10E-04
29	8.5625E-07	3.2159E-07	1.05E-03	3.36E-10	2.00	1.57E-01	1.06E-10	1,000,000	1.06E-04
30	8.5625E-07	4.2454E-07	1.05E-03	4.44E-10	2.00	1.57E-01	1.39E-10	1,000,000	1.39E-04
31	8.5625E-07	4.0755E-07	1.05E-03	4.26E-10	2.00	1.57E-01	1.34E-10	1,000,000	1.34E-04
32	8.5625E-07	3.9E-07	1.05E-03	4.08E-10	2.00	1.57E-01	1.28E-10	1,000,000	1.28E-04
33	8.5625E-07	3.7413E-07	1.05E-03	3.91E-10	2.00	1.57E-01	1.23E-10	1,000,000	1.23E-04

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 1

	Cancer Risk from Birth to 2 years								
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
34	8.5625E-07	3.5902E-07	1.05E-03	3.75E-10	2.00	1.57E-01	1.18E-10	1,000,000	1.18E-04
35	8.5625E-07	3.4384E-07	1.05E-03	3.59E-10	2.00	1.57E-01	1.13E-10	1,000,000	1.13E-04
36	8.5625E-07	4.6117E-07	1.05E-03	4.82E-10	2.00	1.57E-01	1.51E-10	1,000,000	1.51E-04
37	8.5625E-07	4.4144E-07	1.05E-03	4.61E-10	2.00	1.57E-01	1.45E-10	1,000,000	1.45E-04
38	8.5625E-07	4.214E-07	1.05E-03	4.40E-10	2.00	1.57E-01	1.38E-10	1,000,000	1.38E-04
39	8.5625E-07	4.0326E-07	1.05E-03	4.21E-10	2.00	1.57E-01	1.32E-10	1,000,000	1.32E-04
40	8.5625E-07	3.8627E-07	1.05E-03	4.04E-10	2.00	1.57E-01	1.27E-10	1,000,000	1.27E-04
41	8.5625E-07	3.6908E-07	1.05E-03	3.86E-10	2.00	1.57E-01	1.21E-10	1,000,000	1.21E-04
42	8.5625E-07	8.6282E-07	1.05E-03	9.02E-10	2.00	1.57E-01	2.83E-10	1,000,000	2.83E-04
43	8.5625E-07	8.3583E-07	1.05E-03	8.74E-10	2.00	1.57E-01	2.75E-10	1,000,000	2.75E-04
44	8.5625E-07	8.0544E-07	1.05E-03	8.42E-10	2.00	1.57E-01	2.65E-10	1,000,000	2.65E-04
45	8.5625E-07	7.7275E-07	1.05E-03	8.08E-10	2.00	1.57E-01	2.54E-10	1,000,000	2.54E-04
46	8.5625E-07	7.379E-07	1.05E-03	7.71E-10	2.00	1.57E-01	2.42E-10	1,000,000	2.42E-04
47	8.5625E-07	7.0221E-07	1.05E-03	7.34E-10	2.00	1.57E-01	2.31E-10	1,000,000	2.31E-04
48	8.5625E-07	6.6998E-07	1.05E-03	7.00E-10	2.00	1.57E-01	2.20E-10	1,000,000	2.20E-04
49	8.5625E-07	5.0329E-07	1.05E-03	5.26E-10	2.00	1.57E-01	1.65E-10	1,000,000	1.65E-04
50	8.5625E-07	4.806E-07	1.05E-03	5.02E-10	2.00	1.57E-01	1.58E-10	1,000,000	1.58E-04
51	8.5625E-07	4.5769E-07	1.05E-03	4.78E-10	2.00	1.57E-01	1.50E-10	1,000,000	1.50E-04
52	8.5625E-07	4.3697E-07	1.05E-03	4.57E-10	2.00	1.57E-01	1.44E-10	1,000,000	1.44E-04
53	8.5625E-07	4.1746E-07	1.05E-03	4.36E-10	2.00	1.57E-01	1.37E-10	1,000,000	1.37E-04
54	8.5625E-07	3.9778E-07	1.05E-03	4.16E-10	2.00	1.57E-01	1.31E-10	1,000,000	1.31E-04
55	8.5625E-07	1.0574E-06	1.05E-03	1.11E-09	2.00	1.57E-01	3.47E-10	1,000,000	3.47E-04
56	8.5625E-07	1.012E-06	1.05E-03	1.06E-09	2.00	1.57E-01	3.32E-10	1,000,000	3.32E-04
57	8.5625E-07	9.7139E-07	1.05E-03	1.02E-09	2.00	1.57E-01	3.19E-10	1,000,000	3.19E-04
58	8.5625E-07	9.2448E-07	1.05E-03	9.66E-10	2.00	1.57E-01	3.04E-10	1,000,000	3.04E-04
59	8.5625E-07	8.8076E-07	1.05E-03	9.21E-10	2.00	1.57E-01	2.89E-10	1,000,000	2.89E-04
60	8.5625E-07	8.3756E-07	1.05E-03	8.75E-10	2.00	1.57E-01	2.75E-10	1,000,000	2.75E-04
61	8.5625E-07	7.9235E-07	1.05E-03	8.28E-10	2.00	1.57E-01	2.60E-10	1,000,000	2.60E-04
62	8.5625E-07	7.5172E-07	1.05E-03	7.86E-10	2.00	1.57E-01	2.47E-10	1,000,000	2.47E-04
63	8.5625E-07	7.1514E-07	1.05E-03	7.47E-10	2.00	1.57E-01	2.35E-10	1,000,000	2.35E-04
64	8.5625E-07	5.5251E-07	1.05E-03	5.77E-10	2.00	1.57E-01	1.81E-10	1,000,000	1.81E-04
65	8.5625E-07	5.2649E-07	1.05E-03	5.50E-10	2.00	1.57E-01	1.73E-10	1,000,000	1.73E-04
66	8.5625E-07	5.0054E-07	1.05E-03	5.23E-10	2.00	1.57E-01	1.64E-10	1,000,000	1.64E-04

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 1

	Cancer Risk from Birth to 2 years								
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
67	8.5625E-07	4.7598E-07	1.05E-03	4.97E-10	2.00	1.57E-01	1.56E-10	1,000,000	1.56E-04
68	8.5625E-07	4.5385E-07	1.05E-03	4.74E-10	2.00	1.57E-01	1.49E-10	1,000,000	1.49E-04
69	8.5625E-07	4.3154E-07	1.05E-03	4.51E-10	2.00	1.57E-01	1.42E-10	1,000,000	1.42E-04
70	8.5625E-07	1.2004E-06	1.05E-03	1.25E-09	2.00	1.57E-01	3.94E-10	1,000,000	3.94E-04
71	8.5625E-07	1.1412E-06	1.05E-03	1.19E-09	2.00	1.57E-01	3.75E-10	1,000,000	3.75E-04
72	8.5625E-07	1.0775E-06	1.05E-03	1.13E-09	2.00	1.57E-01	3.54E-10	1,000,000	3.54E-04
73	8.5625E-07	1.0142E-06	1.05E-03	1.06E-09	2.00	1.57E-01	3.33E-10	1,000,000	3.33E-04
74	8.5625E-07	9.5885E-07	1.05E-03	1.00E-09	2.00	1.57E-01	3.15E-10	1,000,000	3.15E-04
75	8.5625E-07	9.0529E-07	1.05E-03	9.46E-10	2.00	1.57E-01	2.97E-10	1,000,000	2.97E-04
76	8.5625E-07	8.5104E-07	1.05E-03	8.90E-10	2.00	1.57E-01	2.80E-10	1,000,000	2.80E-04
77	8.5625E-07	8.0597E-07	1.05E-03	8.42E-10	2.00	1.57E-01	2.65E-10	1,000,000	2.65E-04
78	8.5625E-07	5.7968E-07	1.05E-03	6.06E-10	2.00	1.57E-01	1.90E-10	1,000,000	1.90E-04
79	8.5625E-07	5.4873E-07	1.05E-03	5.74E-10	2.00	1.57E-01	1.80E-10	1,000,000	1.80E-04
80	8.5625E-07	5.208E-07	1.05E-03	5.44E-10	2.00	1.57E-01	1.71E-10	1,000,000	1.71E-04
81	8.5625E-07	4.9502E-07	1.05E-03	5.17E-10	2.00	1.57E-01	1.63E-10	1,000,000	1.63E-04
82	8.5625E-07	4.6958E-07	1.05E-03	4.91E-10	2.00	1.57E-01	1.54E-10	1,000,000	1.54E-04
83	8.5625E-07	1.4635E-06	1.05E-03	1.53E-09	2.00	1.57E-01	4.81E-10	1,000,000	4.81E-04
84	8.5625E-07	1.3592E-06	1.05E-03	1.42E-09	2.00	1.57E-01	4.46E-10	1,000,000	4.46E-04
85	8.5625E-07	1.2741E-06	1.05E-03	1.33E-09	2.00	1.57E-01	4.19E-10	1,000,000	4.19E-04
86	8.5625E-07	1.1878E-06	1.05E-03	1.24E-09	2.00	1.57E-01	3.90E-10	1,000,000	3.90E-04
87	8.5625E-07	1.1125E-06	1.05E-03	1.16E-09	2.00	1.57E-01	3.65E-10	1,000,000	3.65E-04
88	8.5625E-07	1.0451E-06	1.05E-03	1.09E-09	2.00	1.57E-01	3.43E-10	1,000,000	3.43E-04
89	8.5625E-07	9.7786E-07	1.05E-03	1.02E-09	2.00	1.57E-01	3.21E-10	1,000,000	3.21E-04
90	8.5625E-07	9.1847E-07	1.05E-03	9.60E-10	2.00	1.57E-01	3.02E-10	1,000,000	3.02E-04
91	8.5625E-07	8.6597E-07	1.05E-03	9.05E-10	2.00	1.57E-01	2.84E-10	1,000,000	2.84E-04
92	8.5625E-07	6.8019E-07	1.05E-03	7.11E-10	2.00	1.57E-01	2.23E-10	1,000,000	2.23E-04
93	8.5625E-07	6.428E-07	1.05E-03	6.72E-10	2.00	1.57E-01	2.11E-10	1,000,000	2.11E-04
94	8.5625E-07	6.0623E-07	1.05E-03	6.34E-10	2.00	1.57E-01	1.99E-10	1,000,000	1.99E-04
95	8.5625E-07	5.7363E-07	1.05E-03	6.00E-10	2.00	1.57E-01	1.88E-10	1,000,000	1.88E-04
96	8.5625E-07	5.4339E-07	1.05E-03	5.68E-10	2.00	1.57E-01	1.79E-10	1,000,000	1.79E-04
97	8.5625E-07	5.1404E-07	1.05E-03	5.37E-10	2.00	1.57E-01	1.69E-10	1,000,000	1.69E-04
98	8.5625E-07	1.652E-06	1.05E-03	1.73E-09	2.00	1.57E-01	5.43E-10	1,000,000	5.43E-04
99	8.5625E-07	1.5379E-06	1.05E-03	1.61E-09	2.00	1.57E-01	5.05E-10	1,000,000	5.05E-04

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 1

	Cancer Risk from Birth to 2 years								
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
100	8.5625E-07	1.426E-06	1.05E-03	1.49E-09	2.00	1.57E-01	4.68E-10	1,000,000	4.68E-04
101	8.5625E-07	1.3141E-06	1.05E-03	1.37E-09	2.00	1.57E-01	4.32E-10	1,000,000	4.32E-04
102	8.5625E-07	1.2261E-06	1.05E-03	1.28E-09	2.00	1.57E-01	4.03E-10	1,000,000	4.03E-04
103	8.5625E-07	1.1419E-06	1.05E-03	1.19E-09	2.00	1.57E-01	3.75E-10	1,000,000	3.75E-04
104	8.5625E-07	1.0612E-06	1.05E-03	1.11E-09	2.00	1.57E-01	3.49E-10	1,000,000	3.49E-04
105	8.5625E-07	9.9517E-07	1.05E-03	1.04E-09	2.00	1.57E-01	3.27E-10	1,000,000	3.27E-04
106	8.5625E-07	7.6555E-07	1.05E-03	8.00E-10	2.00	1.57E-01	2.51E-10	1,000,000	2.51E-04
107	8.5625E-07	7.193E-07	1.05E-03	7.52E-10	2.00	1.57E-01	2.36E-10	1,000,000	2.36E-04
108	8.5625E-07	6.7569E-07	1.05E-03	7.06E-10	2.00	1.57E-01	2.22E-10	1,000,000	2.22E-04
109	8.5625E-07	6.3589E-07	1.05E-03	6.65E-10	2.00	1.57E-01	2.09E-10	1,000,000	2.09E-04
110	8.5625E-07	5.9998E-07	1.05E-03	6.27E-10	2.00	1.57E-01	1.97E-10	1,000,000	1.97E-04
111	8.5625E-07	5.6514E-07	1.05E-03	5.91E-10	2.00	1.57E-01	1.86E-10	1,000,000	1.86E-04
112	8.5625E-07	1.9066E-06	1.05E-03	1.99E-09	2.00	1.57E-01	6.26E-10	1,000,000	6.26E-04
113	8.5625E-07	1.7479E-06	1.05E-03	1.83E-09	2.00	1.57E-01	5.74E-10	1,000,000	5.74E-04
114	8.5625E-07	1.5934E-06	1.05E-03	1.67E-09	2.00	1.57E-01	5.23E-10	1,000,000	5.23E-04
115	8.5625E-07	1.464E-06	1.05E-03	1.53E-09	2.00	1.57E-01	4.81E-10	1,000,000	4.81E-04
116	8.5625E-07	1.3532E-06	1.05E-03	1.41E-09	2.00	1.57E-01	4.45E-10	1,000,000	4.45E-04
117	8.5625E-07	1.2463E-06	1.05E-03	1.30E-09	2.00	1.57E-01	4.09E-10	1,000,000	4.09E-04
118	8.5625E-07	1.1545E-06	1.05E-03	1.21E-09	2.00	1.57E-01	3.79E-10	1,000,000	3.79E-04
119	8.5625E-07	1.0754E-06	1.05E-03	1.12E-09	2.00	1.57E-01	3.53E-10	1,000,000	3.53E-04
120	8.5625E-07	8.7102E-07	1.05E-03	9.10E-10	2.00	1.57E-01	2.86E-10	1,000,000	2.86E-04
121	8.5625E-07	8.1068E-07	1.05E-03	8.47E-10	2.00	1.57E-01	2.66E-10	1,000,000	2.66E-04
122	8.5625E-07	7.5893E-07	1.05E-03	7.93E-10	2.00	1.57E-01	2.49E-10	1,000,000	2.49E-04
123	8.5625E-07	7.1033E-07	1.05E-03	7.42E-10	2.00	1.57E-01	2.33E-10	1,000,000	2.33E-04
124	8.5625E-07	6.6633E-07	1.05E-03	6.96E-10	2.00	1.57E-01	2.19E-10	1,000,000	2.19E-04
125	8.5625E-07	6.2524E-07	1.05E-03	6.54E-10	2.00	1.57E-01	2.05E-10	1,000,000	2.05E-04
126	8.5625E-07	2.4351E-06	1.05E-03	2.55E-09	2.00	1.57E-01	8.00E-10	1,000,000	8.00E-04
127	8.5625E-07	2.1895E-06	1.05E-03	2.29E-09	2.00	1.57E-01	7.19E-10	1,000,000	7.19E-04
128	8.5625E-07	1.9757E-06	1.05E-03	2.07E-09	2.00	1.57E-01	6.49E-10	1,000,000	6.49E-04
129	8.5625E-07	1.7782E-06	1.05E-03	1.86E-09	2.00	1.57E-01	5.84E-10	1,000,000	5.84E-04
130	8.5625E-07	1.6224E-06	1.05E-03	1.70E-09	2.00	1.57E-01	5.33E-10	1,000,000	5.33E-04
131	8.5625E-07	1.4821E-06	1.05E-03	1.55E-09	2.00	1.57E-01	4.87E-10	1,000,000	4.87E-04
132	8.5625E-07	1.3538E-06	1.05E-03	1.41E-09	2.00	1.57E-01	4.45E-10	1,000,000	4.45E-04

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 1

					Cancer Risk from Birth to 2 years				
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
133	8.5625E-07	1.2508E-06	1.05E-03	1.31E-09	2.00	1.57E-01	4.11E-10	1,000,000	4.11E-04
134	8.5625E-07	9.1492E-07	1.05E-03	9.56E-10	2.00	1.57E-01	3.01E-10	1,000,000	3.01E-04
135	8.5625E-07	8.5409E-07	1.05E-03	8.93E-10	2.00	1.57E-01	2.81E-10	1,000,000	2.81E-04
136	8.5625E-07	7.974E-07	1.05E-03	8.33E-10	2.00	1.57E-01	2.62E-10	1,000,000	2.62E-04
137	8.5625E-07	7.4387E-07	1.05E-03	7.78E-10	2.00	1.57E-01	2.44E-10	1,000,000	2.44E-04
138	8.5625E-07	6.9431E-07	1.05E-03	7.26E-10	2.00	1.57E-01	2.28E-10	1,000,000	2.28E-04
139	8.5625E-07	2.7927E-06	1.05E-03	2.92E-09	2.00	1.57E-01	9.17E-10	1,000,000	9.17E-04
140	8.5625E-07	2.4743E-06	1.05E-03	2.59E-09	2.00	1.57E-01	8.13E-10	1,000,000	8.13E-04
141	8.5625E-07	2.1927E-06	1.05E-03	2.29E-09	2.00	1.57E-01	7.20E-10	1,000,000	7.20E-04
142	8.5625E-07	1.9616E-06	1.05E-03	2.05E-09	2.00	1.57E-01	6.44E-10	1,000,000	6.44E-04
143	8.5625E-07	1.7755E-06	1.05E-03	1.86E-09	2.00	1.57E-01	5.83E-10	1,000,000	5.83E-04
144	8.5625E-07	1.6067E-06	1.05E-03	1.68E-09	2.00	1.57E-01	5.28E-10	1,000,000	5.28E-04
145	8.5625E-07	1.4634E-06	1.05E-03	1.53E-09	2.00	1.57E-01	4.81E-10	1,000,000	4.81E-04
146	8.5625E-07	1.3439E-06	1.05E-03	1.40E-09	2.00	1.57E-01	4.41E-10	1,000,000	4.41E-04
147	8.5625E-07	1.0436E-06	1.05E-03	1.09E-09	2.00	1.57E-01	3.43E-10	1,000,000	3.43E-04
148	8.5625E-07	9.6714E-07	1.05E-03	1.01E-09	2.00	1.57E-01	3.18E-10	1,000,000	3.18E-04
149	8.5625E-07	8.9725E-07	1.05E-03	9.38E-10	2.00	1.57E-01	2.95E-10	1,000,000	2.95E-04
150	8.5625E-07	8.3351E-07	1.05E-03	8.71E-10	2.00	1.57E-01	2.74E-10	1,000,000	2.74E-04
151	8.5625E-07	7.7445E-07	1.05E-03	8.09E-10	2.00	1.57E-01	2.54E-10	1,000,000	2.54E-04
152	8.5625E-07	3.593E-06	1.05E-03	3.76E-09	2.00	1.57E-01	1.18E-09	1,000,000	1.18E-03
153	8.5625E-07	3.1053E-06	1.05E-03	3.25E-09	2.00	1.57E-01	1.02E-09	1,000,000	1.02E-03
154	8.5625E-07	2.7145E-06	1.05E-03	2.84E-09	2.00	1.57E-01	8.92E-10	1,000,000	8.92E-04
155	8.5625E-07	2.3883E-06	1.05E-03	2.50E-09	2.00	1.57E-01	7.85E-10	1,000,000	7.85E-04
156	8.5625E-07	2.1328E-06	1.05E-03	2.23E-09	2.00	1.57E-01	7.01E-10	1,000,000	7.01E-04
157	8.5625E-07	1.9167E-06	1.05E-03	2.00E-09	2.00	1.57E-01	6.30E-10	1,000,000	6.30E-04
158	8.5625E-07	1.7284E-06	1.05E-03	1.81E-09	2.00	1.57E-01	5.68E-10	1,000,000	5.68E-04
159	8.5625E-07	1.5669E-06	1.05E-03	1.64E-09	2.00	1.57E-01	5.15E-10	1,000,000	5.15E-04
160	8.5625E-07	1.4233E-06	1.05E-03	1.49E-09	2.00	1.57E-01	4.68E-10	1,000,000	4.68E-04
161	8.5625E-07	1.3011E-06	1.05E-03	1.36E-09	2.00	1.57E-01	4.27E-10	1,000,000	4.27E-04
162	8.5625E-07	1.1914E-06	1.05E-03	1.25E-09	2.00	1.57E-01	3.91E-10	1,000,000	3.91E-04
163	8.5625E-07	1.0951E-06	1.05E-03	1.14E-09	2.00	1.57E-01	3.60E-10	1,000,000	3.60E-04
164	8.5625E-07	1.0103E-06	1.05E-03	1.06E-09	2.00	1.57E-01	3.32E-10	1,000,000	3.32E-04
165	8.5625E-07	9.362E-07	1.05E-03	9.79E-10	2.00	1.57E-01	3.08E-10	1,000,000	3.08E-04

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 1

	Cancer Risk from Birth to 2 years								
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
166	8.5625E-07	8.6684E-07	1.05E-03	9.06E-10	2.00	1.57E-01	2.85E-10	1,000,000	2.85E-04
167	8.5625E-07	3.9085E-06	1.05E-03	4.09E-09	2.00	1.57E-01	1.28E-09	1,000,000	1.28E-03
168	8.5625E-07	3.3733E-06	1.05E-03	3.53E-09	2.00	1.57E-01	1.11E-09	1,000,000	1.11E-03
169	8.5625E-07	2.9336E-06	1.05E-03	3.07E-09	2.00	1.57E-01	9.64E-10	1,000,000	9.64E-04
170	8.5625E-07	2.5752E-06	1.05E-03	2.69E-09	2.00	1.57E-01	8.46E-10	1,000,000	8.46E-04
171	8.5625E-07	2.2887E-06	1.05E-03	2.39E-09	2.00	1.57E-01	7.52E-10	1,000,000	7.52E-04
172	8.5625E-07	2.0422E-06	1.05E-03	2.13E-09	2.00	1.57E-01	6.71E-10	1,000,000	6.71E-04
173	8.5625E-07	1.8284E-06	1.05E-03	1.91E-09	2.00	1.57E-01	6.01E-10	1,000,000	6.01E-04
174	8.5625E-07	1.6451E-06	1.05E-03	1.72E-09	2.00	1.57E-01	5.40E-10	1,000,000	5.40E-04
175	8.5625E-07	1.4935E-06	1.05E-03	1.56E-09	2.00	1.57E-01	4.91E-10	1,000,000	4.91E-04
176	8.5625E-07	1.3595E-06	1.05E-03	1.42E-09	2.00	1.57E-01	4.47E-10	1,000,000	4.47E-04
177	8.5625E-07	1.2429E-06	1.05E-03	1.30E-09	2.00	1.57E-01	4.08E-10	1,000,000	4.08E-04
178	8.5625E-07	1.1415E-06	1.05E-03	1.19E-09	2.00	1.57E-01	3.75E-10	1,000,000	3.75E-04
179	8.5625E-07	1.0524E-06	1.05E-03	1.10E-09	2.00	1.57E-01	3.46E-10	1,000,000	3.46E-04
180	8.5625E-07	9.6959E-07	1.05E-03	1.01E-09	2.00	1.57E-01	3.19E-10	1,000,000	3.19E-04
181	8.5625E-07	5.0483E-06	1.05E-03	5.28E-09	2.00	1.57E-01	1.66E-09	1,000,000	1.66E-03
182	8.5625E-07	4.2324E-06	1.05E-03	4.42E-09	2.00	1.57E-01	1.39E-09	1,000,000	1.39E-03
183	8.5625E-07	3.633E-06	1.05E-03	3.80E-09	2.00	1.57E-01	1.19E-09	1,000,000	1.19E-03
184	8.5625E-07	3.1414E-06	1.05E-03	3.28E-09	2.00	1.57E-01	1.03E-09	1,000,000	1.03E-03
185	8.5625E-07	2.7473E-06	1.05E-03	2.87E-09	2.00	1.57E-01	9.02E-10	1,000,000	9.02E-04
186	8.5625E-07	2.4235E-06	1.05E-03	2.53E-09	2.00	1.57E-01	7.96E-10	1,000,000	7.96E-04
187	8.5625E-07	2.1489E-06	1.05E-03	2.25E-09	2.00	1.57E-01	7.06E-10	1,000,000	7.06E-04
188	8.5625E-07	1.9191E-06	1.05E-03	2.01E-09	2.00	1.57E-01	6.30E-10	1,000,000	6.30E-04
189	8.5625E-07	1.7257E-06	1.05E-03	1.80E-09	2.00	1.57E-01	5.67E-10	1,000,000	5.67E-04
190	8.5625E-07	1.5597E-06	1.05E-03	1.63E-09	2.00	1.57E-01	5.12E-10	1,000,000	5.12E-04
191	8.5625E-07	1.416E-06	1.05E-03	1.48E-09	2.00	1.57E-01	4.65E-10	1,000,000	4.65E-04
192	8.5625E-07	1.2907E-06	1.05E-03	1.35E-09	2.00	1.57E-01	4.24E-10	1,000,000	4.24E-04
193	8.5625E-07	1.1817E-06	1.05E-03	1.24E-09	2.00	1.57E-01	3.88E-10	1,000,000	3.88E-04
194	8.5625E-07	1.082E-06	1.05E-03	1.13E-09	2.00	1.57E-01	3.55E-10	1,000,000	3.55E-04
195	8.5625E-07	5.3752E-06	1.05E-03	5.62E-09	2.00	1.57E-01	1.77E-09	1,000,000	1.77E-03
196	8.5625E-07	4.5251E-06	1.05E-03	4.73E-09	2.00	1.57E-01	1.49E-09	1,000,000	1.49E-03
197	8.5625E-07	3.8522E-06	1.05E-03	4.03E-09	2.00	1.57E-01	1.27E-09	1,000,000	1.27E-03
198	8.5625E-07	3.3017E-06	1.05E-03	3.45E-09	2.00	1.57E-01	1.08E-09	1,000,000	1.08E-03

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 1

					Cancer Risk from Birth to 2 years				
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
199	8.5625E-07	2.8702E-06	1.05E-03	3.00E-09	2.00	1.57E-01	9.43E-10	1,000,000	9.43E-04
200	8.5625E-07	2.518E-06	1.05E-03	2.63E-09	2.00	1.57E-01	8.27E-10	1,000,000	8.27E-04
201	8.5625E-07	2.2278E-06	1.05E-03	2.33E-09	2.00	1.57E-01	7.32E-10	1,000,000	7.32E-04
202	8.5625E-07	1.9847E-06	1.05E-03	2.07E-09	2.00	1.57E-01	6.52E-10	1,000,000	6.52E-04
203	8.5625E-07	1.7794E-06	1.05E-03	1.86E-09	2.00	1.57E-01	5.85E-10	1,000,000	5.85E-04
204	8.5625E-07	1.6033E-06	1.05E-03	1.68E-09	2.00	1.57E-01	5.27E-10	1,000,000	5.27E-04
205	8.5625E-07	1.451E-06	1.05E-03	1.52E-09	2.00	1.57E-01	4.77E-10	1,000,000	4.77E-04
206	8.5625E-07	1.3205E-06	1.05E-03	1.38E-09	2.00	1.57E-01	4.34E-10	1,000,000	4.34E-04
207	8.5625E-07	1.2039E-06	1.05E-03	1.26E-09	2.00	1.57E-01	3.95E-10	1,000,000	3.95E-04
208	8.5625E-07	5.6381E-06	1.05E-03	5.89E-09	2.00	1.57E-01	1.85E-09	1,000,000	1.85E-03
209	8.5625E-07	4.7061E-06	1.05E-03	4.92E-09	2.00	1.57E-01	1.55E-09	1,000,000	1.55E-03
210	8.5625E-07	3.9785E-06	1.05E-03	4.16E-09	2.00	1.57E-01	1.31E-09	1,000,000	1.31E-03
211	8.5625E-07	3.4017E-06	1.05E-03	3.56E-09	2.00	1.57E-01	1.12E-09	1,000,000	1.12E-03
212	8.5625E-07	2.9455E-06	1.05E-03	3.08E-09	2.00	1.57E-01	9.68E-10	1,000,000	9.68E-04
213	8.5625E-07	2.5774E-06	1.05E-03	2.69E-09	2.00	1.57E-01	8.47E-10	1,000,000	8.47E-04
214	8.5625E-07	2.2741E-06	1.05E-03	2.38E-09	2.00	1.57E-01	7.47E-10	1,000,000	7.47E-04
215	8.5625E-07	2.0189E-06	1.05E-03	2.11E-09	2.00	1.57E-01	6.63E-10	1,000,000	6.63E-04
216	8.5625E-07	1.8059E-06	1.05E-03	1.89E-09	2.00	1.57E-01	5.93E-10	1,000,000	5.93E-04
217	8.5625E-07	1.6247E-06	1.05E-03	1.70E-09	2.00	1.57E-01	5.34E-10	1,000,000	5.34E-04
218	8.5625E-07	1.4698E-06	1.05E-03	1.54E-09	2.00	1.57E-01	4.83E-10	1,000,000	4.83E-04
219	8.5625E-07	1.3345E-06	1.05E-03	1.39E-09	2.00	1.57E-01	4.38E-10	1,000,000	4.38E-04
220	8.5625E-07	3.441E-06	1.05E-03	3.60E-09	2.00	1.57E-01	1.13E-09	1,000,000	1.13E-03
221	8.5625E-07	2.9769E-06	1.05E-03	3.11E-09	2.00	1.57E-01	9.78E-10	1,000,000	9.78E-04
222	8.5625E-07	2.6009E-06	1.05E-03	2.72E-09	2.00	1.57E-01	8.54E-10	1,000,000	8.54E-04
223	8.5625E-07	2.2902E-06	1.05E-03	2.39E-09	2.00	1.57E-01	7.52E-10	1,000,000	7.52E-04
224	8.5625E-07	2.0311E-06	1.05E-03	2.12E-09	2.00	1.57E-01	6.67E-10	1,000,000	6.67E-04
225	8.5625E-07	1.8143E-06	1.05E-03	1.90E-09	2.00	1.57E-01	5.96E-10	1,000,000	5.96E-04
226	8.5625E-07	1.6297E-06	1.05E-03	1.70E-09	2.00	1.57E-01	5.35E-10	1,000,000	5.35E-04
227	8.5625E-07	1.4707E-06	1.05E-03	1.54E-09	2.00	1.57E-01	4.83E-10	1,000,000	4.83E-04
228	8.5625E-07	3.4116E-06	1.05E-03	3.57E-09	2.00	1.57E-01	1.12E-09	1,000,000	1.12E-03
229	8.5625E-07	2.9492E-06	1.05E-03	3.08E-09	2.00	1.57E-01	9.69E-10	1,000,000	9.69E-04
230	8.5625E-07	2.5745E-06	1.05E-03	2.69E-09	2.00	1.57E-01	8.46E-10	1,000,000	8.46E-04
231	8.5625E-07	2.2649E-06	1.05E-03	2.37E-09	2.00	1.57E-01	7.44E-10	1,000,000	7.44E-04

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 1

					Cancer Risk from Birth to 2 years				
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
232	8.5625E-07	2.0092E-06	1.05E-03	2.10E-09	2.00	1.57E-01	6.60E-10	1,000,000	6.60E-04
233	8.5625E-07	1.7937E-06	1.05E-03	1.87E-09	2.00	1.57E-01	5.89E-10	1,000,000	5.89E-04
234	8.5625E-07	1.6107E-06	1.05E-03	1.68E-09	2.00	1.57E-01	5.29E-10	1,000,000	5.29E-04
235	8.5625E-07	6.2146E-06	1.05E-03	6.50E-09	2.00	1.57E-01	2.04E-09	1,000,000	2.04E-03
236	8.5625E-07	6.3098E-06	1.05E-03	6.60E-09	2.00	1.57E-01	2.07E-09	1,000,000	2.07E-03
237	8.5625E-07	5.2109E-06	1.05E-03	5.45E-09	2.00	1.57E-01	1.71E-09	1,000,000	1.71E-03
238	8.5625E-07	4.3683E-06	1.05E-03	4.57E-09	2.00	1.57E-01	1.43E-09	1,000,000	1.43E-03
239	8.5625E-07	6.2686E-06	1.05E-03	6.55E-09	2.00	1.57E-01	2.06E-09	1,000,000	2.06E-03
240	8.5625E-07	5.1629E-06	1.05E-03	5.40E-09	2.00	1.57E-01	1.70E-09	1,000,000	1.70E-03
241	8.5625E-07	4.3345E-06	1.05E-03	4.53E-09	2.00	1.57E-01	1.42E-09	1,000,000	1.42E-03
242	8.5625E-07	3.6834E-06	1.05E-03	3.85E-09	2.00	1.57E-01	1.21E-09	1,000,000	1.21E-03

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 1

					Cancer Risk from Birth to 2 years				
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
243	8.5625E-07	5.7973E-07	1.05E-03	6.06E-10	2.00	1.57E-01	1.90E-10	1,000,000	1.90E-04
244	8.5625E-07	5.6728E-07	1.05E-03	5.93E-10	2.00	1.57E-01	1.86E-10	1,000,000	1.86E-04
245	8.5625E-07	5.5748E-07	1.05E-03	5.83E-10	2.00	1.57E-01	1.83E-10	1,000,000	1.83E-04
246	8.5625E-07	5.488E-07	1.05E-03	5.74E-10	2.00	1.57E-01	1.80E-10	1,000,000	1.80E-04
247	8.5625E-07	5.3927E-07	1.05E-03	5.64E-10	2.00	1.57E-01	1.77E-10	1,000,000	1.77E-04
248	8.5625E-07	5.2872E-07	1.05E-03	5.53E-10	2.00	1.57E-01	1.74E-10	1,000,000	1.74E-04
249	8.5625E-07	5.1678E-07	1.05E-03	5.40E-10	2.00	1.57E-01	1.70E-10	1,000,000	1.70E-04
250	8.5625E-07	5.0393E-07	1.05E-03	5.27E-10	2.00	1.57E-01	1.66E-10	1,000,000	1.66E-04
251	8.5625E-07	4.9057E-07	1.05E-03	5.13E-10	2.00	1.57E-01	1.61E-10	1,000,000	1.61E-04
252	8.5625E-07	5.5149E-07	1.05E-03	5.76E-10	2.00	1.57E-01	1.81E-10	1,000,000	1.81E-04
253	8.5625E-07	5.3511E-07	1.05E-03	5.59E-10	2.00	1.57E-01	1.76E-10	1,000,000	1.76E-04
254	8.5625E-07	5.2253E-07	1.05E-03	5.46E-10	2.00	1.57E-01	1.72E-10	1,000,000	1.72E-04
255	8.5625E-07	5.1288E-07	1.05E-03	5.36E-10	2.00	1.57E-01	1.68E-10	1,000,000	1.68E-04
256	8.5625E-07	5.0513E-07	1.05E-03	5.28E-10	2.00	1.57E-01	1.66E-10	1,000,000	1.66E-04
257	8.5625E-07	4.9742E-07	1.05E-03	5.20E-10	2.00	1.57E-01	1.63E-10	1,000,000	1.63E-04
258	8.5625E-07	4.8982E-07	1.05E-03	5.12E-10	2.00	1.57E-01	1.61E-10	1,000,000	1.61E-04
259	8.5625E-07	4.8093E-07	1.05E-03	5.03E-10	2.00	1.57E-01	1.58E-10	1,000,000	1.58E-04
260	8.5625E-07	4.7125E-07	1.05E-03	4.93E-10	2.00	1.57E-01	1.55E-10	1,000,000	1.55E-04
261	8.5625E-07	4.6081E-07	1.05E-03	4.82E-10	2.00	1.57E-01	1.51E-10	1,000,000	1.51E-04
262	8.5625E-07	4.5004E-07	1.05E-03	4.70E-10	2.00	1.57E-01	1.48E-10	1,000,000	1.48E-04
263	8.5625E-07	4.9949E-07	1.05E-03	5.22E-10	2.00	1.57E-01	1.64E-10	1,000,000	1.64E-04
264	8.5625E-07	4.8466E-07	1.05E-03	5.07E-10	2.00	1.57E-01	1.59E-10	1,000,000	1.59E-04
265	8.5625E-07	4.7404E-07	1.05E-03	4.95E-10	2.00	1.57E-01	1.56E-10	1,000,000	1.56E-04
266	8.5625E-07	4.6562E-07	1.05E-03	4.87E-10	2.00	1.57E-01	1.53E-10	1,000,000	1.53E-04
267	8.5625E-07	4.5904E-07	1.05E-03	4.80E-10	2.00	1.57E-01	1.51E-10	1,000,000	1.51E-04
268	8.5625E-07	4.5261E-07	1.05E-03	4.73E-10	2.00	1.57E-01	1.49E-10	1,000,000	1.49E-04
269	8.5625E-07	4.4653E-07	1.05E-03	4.67E-10	2.00	1.57E-01	1.47E-10	1,000,000	1.47E-04
270	8.5625E-07	4.3946E-07	1.05E-03	4.59E-10	2.00	1.57E-01	1.44E-10	1,000,000	1.44E-04
271	8.5625E-07	4.3184E-07	1.05E-03	4.51E-10	2.00	1.57E-01	1.42E-10	1,000,000	1.42E-04
272	8.5625E-07	4.2336E-07	1.05E-03	4.43E-10	2.00	1.57E-01	1.39E-10	1,000,000	1.39E-04
273	8.5625E-07	4.1436E-07	1.05E-03	4.33E-10	2.00	1.57E-01	1.36E-10	1,000,000	1.36E-04
274	8.5625E-07	4.0405E-07	1.05E-03	4.22E-10	2.00	1.57E-01	1.33E-10	1,000,000	1.33E-04
275	8.5625E-07	4.5413E-07	1.05E-03	4.75E-10	2.00	1.57E-01	1.49E-10	1,000,000	1.49E-04

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 1

	Cancer Risk from Birth to 2 years								
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
276	8.5625E-07	4.4176E-07	1.05E-03	4.62E-10	2.00	1.57E-01	1.45E-10	1,000,000	1.45E-04
277	8.5625E-07	4.3228E-07	1.05E-03	4.52E-10	2.00	1.57E-01	1.42E-10	1,000,000	1.42E-04
278	8.5625E-07	4.2499E-07	1.05E-03	4.44E-10	2.00	1.57E-01	1.40E-10	1,000,000	1.40E-04
279	8.5625E-07	4.1919E-07	1.05E-03	4.38E-10	2.00	1.57E-01	1.38E-10	1,000,000	1.38E-04
280	8.5625E-07	4.1398E-07	1.05E-03	4.33E-10	2.00	1.57E-01	1.36E-10	1,000,000	1.36E-04
281	8.5625E-07	4.0857E-07	1.05E-03	4.27E-10	2.00	1.57E-01	1.34E-10	1,000,000	1.34E-04
282	8.5625E-07	4.0305E-07	1.05E-03	4.21E-10	2.00	1.57E-01	1.32E-10	1,000,000	1.32E-04
283	8.5625E-07	3.9692E-07	1.05E-03	4.15E-10	2.00	1.57E-01	1.30E-10	1,000,000	1.30E-04
284	8.5625E-07	3.8996E-07	1.05E-03	4.08E-10	2.00	1.57E-01	1.28E-10	1,000,000	1.28E-04
285	8.5625E-07	3.8232E-07	1.05E-03	4.00E-10	2.00	1.57E-01	1.26E-10	1,000,000	1.26E-04
286	8.5625E-07	3.7417E-07	1.05E-03	3.91E-10	2.00	1.57E-01	1.23E-10	1,000,000	1.23E-04
287	8.5625E-07	4.1508E-07	1.05E-03	4.34E-10	2.00	1.57E-01	1.36E-10	1,000,000	1.36E-04
288	8.5625E-07	4.042E-07	1.05E-03	4.22E-10	2.00	1.57E-01	1.33E-10	1,000,000	1.33E-04
289	8.5625E-07	3.957E-07	1.05E-03	4.14E-10	2.00	1.57E-01	1.30E-10	1,000,000	1.30E-04
290	8.5625E-07	3.894E-07	1.05E-03	4.07E-10	2.00	1.57E-01	1.28E-10	1,000,000	1.28E-04
291	8.5625E-07	3.8421E-07	1.05E-03	4.02E-10	2.00	1.57E-01	1.26E-10	1,000,000	1.26E-04
292	8.5625E-07	3.8014E-07	1.05E-03	3.97E-10	2.00	1.57E-01	1.25E-10	1,000,000	1.25E-04
293	8.5625E-07	3.7566E-07	1.05E-03	3.93E-10	2.00	1.57E-01	1.23E-10	1,000,000	1.23E-04
294	8.5625E-07	3.7144E-07	1.05E-03	3.88E-10	2.00	1.57E-01	1.22E-10	1,000,000	1.22E-04
295	8.5625E-07	3.6647E-07	1.05E-03	3.83E-10	2.00	1.57E-01	1.20E-10	1,000,000	1.20E-04
296	8.5625E-07	3.6077E-07	1.05E-03	3.77E-10	2.00	1.57E-01	1.19E-10	1,000,000	1.19E-04
297	8.5625E-07	3.5431E-07	1.05E-03	3.70E-10	2.00	1.57E-01	1.16E-10	1,000,000	1.16E-04
298	8.5625E-07	3.4752E-07	1.05E-03	3.63E-10	2.00	1.57E-01	1.14E-10	1,000,000	1.14E-04
299	8.5625E-07	3.8102E-07	1.05E-03	3.98E-10	2.00	1.57E-01	1.25E-10	1,000,000	1.25E-04
300	8.5625E-07	3.7159E-07	1.05E-03	3.88E-10	2.00	1.57E-01	1.22E-10	1,000,000	1.22E-04
301	8.5625E-07	3.6395E-07	1.05E-03	3.80E-10	2.00	1.57E-01	1.20E-10	1,000,000	1.20E-04
302	8.5625E-07	3.5815E-07	1.05E-03	3.74E-10	2.00	1.57E-01	1.18E-10	1,000,000	1.18E-04
303	8.5625E-07	3.5408E-07	1.05E-03	3.70E-10	2.00	1.57E-01	1.16E-10	1,000,000	1.16E-04
304	8.5625E-07	3.4994E-07	1.05E-03	3.66E-10	2.00	1.57E-01	1.15E-10	1,000,000	1.15E-04
305	8.5625E-07	3.4669E-07	1.05E-03	3.62E-10	2.00	1.57E-01	1.14E-10	1,000,000	1.14E-04
306	8.5625E-07	3.4312E-07	1.05E-03	3.59E-10	2.00	1.57E-01	1.13E-10	1,000,000	1.13E-04
307	8.5625E-07	3.3921E-07	1.05E-03	3.55E-10	2.00	1.57E-01	1.11E-10	1,000,000	1.11E-04
308	8.5625E-07	3.3447E-07	1.05E-03	3.50E-10	2.00	1.57E-01	1.10E-10	1,000,000	1.10E-04

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 1

					Cancer Risk from Birth to 2 years				
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
309	8.5625E-07	3.2903E-07	1.05E-03	3.44E-10	2.00	1.57E-01	1.08E-10	1,000,000	1.08E-04
310	8.5625E-07	3.2351E-07	1.05E-03	3.38E-10	2.00	1.57E-01	1.06E-10	1,000,000	1.06E-04
311	8.5625E-07	3.5131E-07	1.05E-03	3.67E-10	2.00	1.57E-01	1.15E-10	1,000,000	1.15E-04
312	8.5625E-07	3.4312E-07	1.05E-03	3.59E-10	2.00	1.57E-01	1.13E-10	1,000,000	1.13E-04
313	8.5625E-07	3.3672E-07	1.05E-03	3.52E-10	2.00	1.57E-01	1.11E-10	1,000,000	1.11E-04
314	8.5625E-07	3.3164E-07	1.05E-03	3.47E-10	2.00	1.57E-01	1.09E-10	1,000,000	1.09E-04
315	8.5625E-07	3.2722E-07	1.05E-03	3.42E-10	2.00	1.57E-01	1.07E-10	1,000,000	1.07E-04
316	8.5625E-07	3.232E-07	1.05E-03	3.38E-10	2.00	1.57E-01	1.06E-10	1,000,000	1.06E-04
317	8.5625E-07	3.2078E-07	1.05E-03	3.35E-10	2.00	1.57E-01	1.05E-10	1,000,000	1.05E-04
318	8.5625E-07	3.1762E-07	1.05E-03	3.32E-10	2.00	1.57E-01	1.04E-10	1,000,000	1.04E-04
319	8.5625E-07	3.1442E-07	1.05E-03	3.29E-10	2.00	1.57E-01	1.03E-10	1,000,000	1.03E-04
320	8.5625E-07	3.1042E-07	1.05E-03	3.24E-10	2.00	1.57E-01	1.02E-10	1,000,000	1.02E-04
321	8.5625E-07	3.0638E-07	1.05E-03	3.20E-10	2.00	1.57E-01	1.01E-10	1,000,000	1.01E-04
322	8.5625E-07	3.0182E-07	1.05E-03	3.15E-10	2.00	1.57E-01	9.91E-11	1,000,000	9.91E-05
323	8.5625E-07	3.25E-07	1.05E-03	3.40E-10	2.00	1.57E-01	1.07E-10	1,000,000	1.07E-04
324	8.5625E-07	3.1758E-07	1.05E-03	3.32E-10	2.00	1.57E-01	1.04E-10	1,000,000	1.04E-04
325	8.5625E-07	3.1164E-07	1.05E-03	3.26E-10	2.00	1.57E-01	1.02E-10	1,000,000	1.02E-04
326	8.5625E-07	3.0542E-07	1.05E-03	3.19E-10	2.00	1.57E-01	1.00E-10	1,000,000	1.00E-04
327	8.5625E-07	3.0369E-07	1.05E-03	3.17E-10	2.00	1.57E-01	9.98E-11	1,000,000	9.98E-05
328	8.5625E-07	3.0068E-07	1.05E-03	3.14E-10	2.00	1.57E-01	9.88E-11	1,000,000	9.88E-05
329	8.5625E-07	2.9923E-07	1.05E-03	3.13E-10	2.00	1.57E-01	9.83E-11	1,000,000	9.83E-05
330	8.5625E-07	2.9561E-07	1.05E-03	3.09E-10	2.00	1.57E-01	9.71E-11	1,000,000	9.71E-05
331	8.5625E-07	2.9238E-07	1.05E-03	3.06E-10	2.00	1.57E-01	9.60E-11	1,000,000	9.60E-05
332	8.5625E-07	2.8932E-07	1.05E-03	3.02E-10	2.00	1.57E-01	9.50E-11	1,000,000	9.50E-05
333	8.5625E-07	2.8584E-07	1.05E-03	2.99E-10	2.00	1.57E-01	9.39E-11	1,000,000	9.39E-05
334	8.5625E-07	2.8169E-07	1.05E-03	2.94E-10	2.00	1.57E-01	9.25E-11	1,000,000	9.25E-05
335	8.5625E-07	3.0153E-07	1.05E-03	3.15E-10	2.00	1.57E-01	9.90E-11	1,000,000	9.90E-05
336	8.5625E-07	2.9462E-07	1.05E-03	3.08E-10	2.00	1.57E-01	9.68E-11	1,000,000	9.68E-05
337	8.5625E-07	2.8938E-07	1.05E-03	3.02E-10	2.00	1.57E-01	9.51E-11	1,000,000	9.51E-05
338	8.5625E-07	2.8312E-07	1.05E-03	2.96E-10	2.00	1.57E-01	9.30E-11	1,000,000	9.30E-05
339	8.5625E-07	2.8184E-07	1.05E-03	2.95E-10	2.00	1.57E-01	9.26E-11	1,000,000	9.26E-05
340	8.5625E-07	2.7904E-07	1.05E-03	2.92E-10	2.00	1.57E-01	9.17E-11	1,000,000	9.17E-05
341	8.5625E-07	2.7852E-07	1.05E-03	2.91E-10	2.00	1.57E-01	9.15E-11	1,000,000	9.15E-05

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 1

	Cancer Risk from 2 to 14 years								
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
1	8.5625E-07	1.0211E-06	6.05E-04	6.18E-10	14.00	4.71E-02	4.08E-10	1,000,000	4.1E-04
2	8.5625E-07	5.629E-07	6.05E-04	3.41E-10	14.00	4.71E-02	2.25E-10	1,000,000	2.25E-04
3	8.5625E-07	5.9512E-07	6.05E-04	3.60E-10	14.00	4.71E-02	2.38E-10	1,000,000	2.38E-04
4	8.5625E-07	6.4589E-07	6.05E-04	3.91E-10	14.00	4.71E-02	2.58E-10	1,000,000	2.58E-04
5	8.5625E-07	7.1148E-07	6.05E-04	4.30E-10	14.00	4.71E-02	2.84E-10	1,000,000	2.84E-04
6	8.5625E-07	7.5667E-07	6.05E-04	4.58E-10	14.00	4.71E-02	3.02E-10	1,000,000	3.02E-04
7	8.5625E-07	8.4533E-07	6.05E-04	5.11E-10	14.00	4.71E-02	3.38E-10	1,000,000	3.38E-04
8	8.5625E-07	3.6326E-07	6.05E-04	2.20E-10	14.00	4.71E-02	1.45E-10	1,000,000	1.45E-04
9	8.5625E-07	3.5052E-07	6.05E-04	2.12E-10	14.00	4.71E-02	1.40E-10	1,000,000	1.40E-04
10	8.5625E-07	3.3927E-07	6.05E-04	2.05E-10	14.00	4.71E-02	1.35E-10	1,000,000	1.35E-04
11	8.5625E-07	3.2811E-07	6.05E-04	1.99E-10	14.00	4.71E-02	1.31E-10	1,000,000	1.31E-04
12	8.5625E-07	3.167E-07	6.05E-04	1.92E-10	14.00	4.71E-02	1.26E-10	1,000,000	1.26E-04
13	8.5625E-07	3.0553E-07	6.05E-04	1.85E-10	14.00	4.71E-02	1.22E-10	1,000,000	1.22E-04
14	8.5625E-07	2.946E-07	6.05E-04	1.78E-10	14.00	4.71E-02	1.18E-10	1,000,000	1.18E-04
15	8.5625E-07	2.8413E-07	6.05E-04	1.72E-10	14.00	4.71E-02	1.13E-10	1,000,000	1.13E-04
16	8.5625E-07	3.9214E-07	6.05E-04	2.37E-10	14.00	4.71E-02	1.57E-10	1,000,000	1.57E-04
17	8.5625E-07	3.7761E-07	6.05E-04	2.28E-10	14.00	4.71E-02	1.51E-10	1,000,000	1.51E-04
18	8.5625E-07	3.646E-07	6.05E-04	2.21E-10	14.00	4.71E-02	1.46E-10	1,000,000	1.46E-04
19	8.5625E-07	3.5167E-07	6.05E-04	2.13E-10	14.00	4.71E-02	1.40E-10	1,000,000	1.40E-04
20	8.5625E-07	3.3852E-07	6.05E-04	2.05E-10	14.00	4.71E-02	1.35E-10	1,000,000	1.35E-04
21	8.5625E-07	3.2612E-07	6.05E-04	1.97E-10	14.00	4.71E-02	1.30E-10	1,000,000	1.30E-04
22	8.5625E-07	3.1399E-07	6.05E-04	1.90E-10	14.00	4.71E-02	1.25E-10	1,000,000	1.25E-04
23	8.5625E-07	3.0197E-07	6.05E-04	1.83E-10	14.00	4.71E-02	1.21E-10	1,000,000	1.21E-04
24	8.5625E-07	3.9285E-07	6.05E-04	2.38E-10	14.00	4.71E-02	1.57E-10	1,000,000	1.57E-04
25	8.5625E-07	3.7795E-07	6.05E-04	2.29E-10	14.00	4.71E-02	1.51E-10	1,000,000	1.51E-04
26	8.5625E-07	3.6266E-07	6.05E-04	2.19E-10	14.00	4.71E-02	1.45E-10	1,000,000	1.45E-04
27	8.5625E-07	3.4862E-07	6.05E-04	2.11E-10	14.00	4.71E-02	1.39E-10	1,000,000	1.39E-04
28	8.5625E-07	3.3517E-07	6.05E-04	2.03E-10	14.00	4.71E-02	1.34E-10	1,000,000	1.34E-04
29	8.5625E-07	3.2159E-07	6.05E-04	1.95E-10	14.00	4.71E-02	1.28E-10	1,000,000	1.28E-04
30	8.5625E-07	4.2454E-07	6.05E-04	2.57E-10	14.00	4.71E-02	1.70E-10	1,000,000	1.70E-04
31	8.5625E-07	4.0755E-07	6.05E-04	2.47E-10	14.00	4.71E-02	1.63E-10	1,000,000	1.63E-04
32	8.5625E-07	3.9E-07	6.05E-04	2.36E-10	14.00	4.71E-02	1.56E-10	1,000,000	1.56E-04
33	8.5625E-07	3.7413E-07	6.05E-04	2.26E-10	14.00	4.71E-02	1.49E-10	1,000,000	1.49E-04

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 1

	Cancer Risk from 2 to 14 years								
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
34	8.5625E-07	3.5902E-07	6.05E-04	2.17E-10	14.00	4.71E-02	1.43E-10	1,000,000	1.43E-04
35	8.5625E-07	3.4384E-07	6.05E-04	2.08E-10	14.00	4.71E-02	1.37E-10	1,000,000	1.37E-04
36	8.5625E-07	4.6117E-07	6.05E-04	2.79E-10	14.00	4.71E-02	1.84E-10	1,000,000	1.84E-04
37	8.5625E-07	4.4144E-07	6.05E-04	2.67E-10	14.00	4.71E-02	1.76E-10	1,000,000	1.76E-04
38	8.5625E-07	4.214E-07	6.05E-04	2.55E-10	14.00	4.71E-02	1.68E-10	1,000,000	1.68E-04
39	8.5625E-07	4.0326E-07	6.05E-04	2.44E-10	14.00	4.71E-02	1.61E-10	1,000,000	1.61E-04
40	8.5625E-07	3.8627E-07	6.05E-04	2.34E-10	14.00	4.71E-02	1.54E-10	1,000,000	1.54E-04
41	8.5625E-07	3.6908E-07	6.05E-04	2.23E-10	14.00	4.71E-02	1.47E-10	1,000,000	1.47E-04
42	8.5625E-07	8.6282E-07	6.05E-04	5.22E-10	14.00	4.71E-02	3.45E-10	1,000,000	3.45E-04
43	8.5625E-07	8.3583E-07	6.05E-04	5.06E-10	14.00	4.71E-02	3.34E-10	1,000,000	3.34E-04
44	8.5625E-07	8.0544E-07	6.05E-04	4.87E-10	14.00	4.71E-02	3.22E-10	1,000,000	3.22E-04
45	8.5625E-07	7.7275E-07	6.05E-04	4.68E-10	14.00	4.71E-02	3.09E-10	1,000,000	3.09E-04
46	8.5625E-07	7.379E-07	6.05E-04	4.46E-10	14.00	4.71E-02	2.95E-10	1,000,000	2.95E-04
47	8.5625E-07	7.0221E-07	6.05E-04	4.25E-10	14.00	4.71E-02	2.80E-10	1,000,000	2.80E-04
48	8.5625E-07	6.6998E-07	6.05E-04	4.05E-10	14.00	4.71E-02	2.68E-10	1,000,000	2.68E-04
49	8.5625E-07	5.0329E-07	6.05E-04	3.05E-10	14.00	4.71E-02	2.01E-10	1,000,000	2.01E-04
50	8.5625E-07	4.806E-07	6.05E-04	2.91E-10	14.00	4.71E-02	1.92E-10	1,000,000	1.92E-04
51	8.5625E-07	4.5769E-07	6.05E-04	2.77E-10	14.00	4.71E-02	1.83E-10	1,000,000	1.83E-04
52	8.5625E-07	4.3697E-07	6.05E-04	2.64E-10	14.00	4.71E-02	1.75E-10	1,000,000	1.75E-04
53	8.5625E-07	4.1746E-07	6.05E-04	2.53E-10	14.00	4.71E-02	1.67E-10	1,000,000	1.67E-04
54	8.5625E-07	3.9778E-07	6.05E-04	2.41E-10	14.00	4.71E-02	1.59E-10	1,000,000	1.59E-04
55	8.5625E-07	1.0574E-06	6.05E-04	6.40E-10	14.00	4.71E-02	4.22E-10	1,000,000	4.22E-04
56	8.5625E-07	1.012E-06	6.05E-04	6.12E-10	14.00	4.71E-02	4.04E-10	1,000,000	4.04E-04
57	8.5625E-07	9.7139E-07	6.05E-04	5.88E-10	14.00	4.71E-02	3.88E-10	1,000,000	3.88E-04
58	8.5625E-07	9.2448E-07	6.05E-04	5.59E-10	14.00	4.71E-02	3.69E-10	1,000,000	3.69E-04
59	8.5625E-07	8.8076E-07	6.05E-04	5.33E-10	14.00	4.71E-02	3.52E-10	1,000,000	3.52E-04
60	8.5625E-07	8.3756E-07	6.05E-04	5.07E-10	14.00	4.71E-02	3.34E-10	1,000,000	3.34E-04
61	8.5625E-07	7.9235E-07	6.05E-04	4.79E-10	14.00	4.71E-02	3.16E-10	1,000,000	3.16E-04
62	8.5625E-07	7.5172E-07	6.05E-04	4.55E-10	14.00	4.71E-02	3.00E-10	1,000,000	3.00E-04
63	8.5625E-07	7.1514E-07	6.05E-04	4.33E-10	14.00	4.71E-02	2.86E-10	1,000,000	2.86E-04
64	8.5625E-07	5.5251E-07	6.05E-04	3.34E-10	14.00	4.71E-02	2.21E-10	1,000,000	2.21E-04
65	8.5625E-07	5.2649E-07	6.05E-04	3.19E-10	14.00	4.71E-02	2.10E-10	1,000,000	2.10E-04
66	8.5625E-07	5.0054E-07	6.05E-04	3.03E-10	14.00	4.71E-02	2.00E-10	1,000,000	2.00E-04

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 1

	Cancer Risk from 2 to 14 years								
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
67	8.5625E-07	4.7598E-07	6.05E-04	2.88E-10	14.00	4.71E-02	1.90E-10	1,000,000	1.90E-04
68	8.5625E-07	4.5385E-07	6.05E-04	2.75E-10	14.00	4.71E-02	1.81E-10	1,000,000	1.81E-04
69	8.5625E-07	4.3154E-07	6.05E-04	2.61E-10	14.00	4.71E-02	1.72E-10	1,000,000	1.72E-04
70	8.5625E-07	1.2004E-06	6.05E-04	7.26E-10	14.00	4.71E-02	4.79E-10	1,000,000	4.79E-04
71	8.5625E-07	1.1412E-06	6.05E-04	6.90E-10	14.00	4.71E-02	4.56E-10	1,000,000	4.56E-04
72	8.5625E-07	1.0775E-06	6.05E-04	6.52E-10	14.00	4.71E-02	4.30E-10	1,000,000	4.30E-04
73	8.5625E-07	1.0142E-06	6.05E-04	6.14E-10	14.00	4.71E-02	4.05E-10	1,000,000	4.05E-04
74	8.5625E-07	9.5885E-07	6.05E-04	5.80E-10	14.00	4.71E-02	3.83E-10	1,000,000	3.83E-04
75	8.5625E-07	9.0529E-07	6.05E-04	5.48E-10	14.00	4.71E-02	3.62E-10	1,000,000	3.62E-04
76	8.5625E-07	8.5104E-07	6.05E-04	5.15E-10	14.00	4.71E-02	3.40E-10	1,000,000	3.40E-04
77	8.5625E-07	8.0597E-07	6.05E-04	4.88E-10	14.00	4.71E-02	3.22E-10	1,000,000	3.22E-04
78	8.5625E-07	5.7968E-07	6.05E-04	3.51E-10	14.00	4.71E-02	2.31E-10	1,000,000	2.31E-04
79	8.5625E-07	5.4873E-07	6.05E-04	3.32E-10	14.00	4.71E-02	2.19E-10	1,000,000	2.19E-04
80	8.5625E-07	5.208E-07	6.05E-04	3.15E-10	14.00	4.71E-02	2.08E-10	1,000,000	2.08E-04
81	8.5625E-07	4.9502E-07	6.05E-04	3.00E-10	14.00	4.71E-02	1.98E-10	1,000,000	1.98E-04
82	8.5625E-07	4.6958E-07	6.05E-04	2.84E-10	14.00	4.71E-02	1.88E-10	1,000,000	1.88E-04
83	8.5625E-07	1.4635E-06	6.05E-04	8.86E-10	14.00	4.71E-02	5.84E-10	1,000,000	5.84E-04
84	8.5625E-07	1.3592E-06	6.05E-04	8.22E-10	14.00	4.71E-02	5.43E-10	1,000,000	5.43E-04
85	8.5625E-07	1.2741E-06	6.05E-04	7.71E-10	14.00	4.71E-02	5.09E-10	1,000,000	5.09E-04
86	8.5625E-07	1.1878E-06	6.05E-04	7.19E-10	14.00	4.71E-02	4.74E-10	1,000,000	4.74E-04
87	8.5625E-07	1.1125E-06	6.05E-04	6.73E-10	14.00	4.71E-02	4.44E-10	1,000,000	4.44E-04
88	8.5625E-07	1.0451E-06	6.05E-04	6.32E-10	14.00	4.71E-02	4.17E-10	1,000,000	4.17E-04
89	8.5625E-07	9.7786E-07	6.05E-04	5.92E-10	14.00	4.71E-02	3.91E-10	1,000,000	3.91E-04
90	8.5625E-07	9.1847E-07	6.05E-04	5.56E-10	14.00	4.71E-02	3.67E-10	1,000,000	3.67E-04
91	8.5625E-07	8.6597E-07	6.05E-04	5.24E-10	14.00	4.71E-02	3.46E-10	1,000,000	3.46E-04
92	8.5625E-07	6.8019E-07	6.05E-04	4.12E-10	14.00	4.71E-02	2.72E-10	1,000,000	2.72E-04
93	8.5625E-07	6.428E-07	6.05E-04	3.89E-10	14.00	4.71E-02	2.57E-10	1,000,000	2.57E-04
94	8.5625E-07	6.0623E-07	6.05E-04	3.67E-10	14.00	4.71E-02	2.42E-10	1,000,000	2.42E-04
95	8.5625E-07	5.7363E-07	6.05E-04	3.47E-10	14.00	4.71E-02	2.29E-10	1,000,000	2.29E-04
96	8.5625E-07	5.4339E-07	6.05E-04	3.29E-10	14.00	4.71E-02	2.17E-10	1,000,000	2.17E-04
97	8.5625E-07	5.1404E-07	6.05E-04	3.11E-10	14.00	4.71E-02	2.05E-10	1,000,000	2.05E-04
98	8.5625E-07	1.652E-06	6.05E-04	1.00E-09	14.00	4.71E-02	6.60E-10	1,000,000	6.60E-04
99	8.5625E-07	1.5379E-06	6.05E-04	9.31E-10	14.00	4.71E-02	6.14E-10	1,000,000	6.14E-04

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 1

	Cancer Risk from 2 to 14 years								
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
100	8.5625E-07	1.426E-06	6.05E-04	8.63E-10	14.00	4.71E-02	5.69E-10	1,000,000	5.69E-04
101	8.5625E-07	1.3141E-06	6.05E-04	7.95E-10	14.00	4.71E-02	5.25E-10	1,000,000	5.25E-04
102	8.5625E-07	1.2261E-06	6.05E-04	7.42E-10	14.00	4.71E-02	4.90E-10	1,000,000	4.90E-04
103	8.5625E-07	1.1419E-06	6.05E-04	6.91E-10	14.00	4.71E-02	4.56E-10	1,000,000	4.56E-04
104	8.5625E-07	1.0612E-06	6.05E-04	6.42E-10	14.00	4.71E-02	4.24E-10	1,000,000	4.24E-04
105	8.5625E-07	9.9517E-07	6.05E-04	6.02E-10	14.00	4.71E-02	3.97E-10	1,000,000	3.97E-04
106	8.5625E-07	7.6555E-07	6.05E-04	4.63E-10	14.00	4.71E-02	3.06E-10	1,000,000	3.06E-04
107	8.5625E-07	7.193E-07	6.05E-04	4.35E-10	14.00	4.71E-02	2.87E-10	1,000,000	2.87E-04
108	8.5625E-07	6.7569E-07	6.05E-04	4.09E-10	14.00	4.71E-02	2.70E-10	1,000,000	2.70E-04
109	8.5625E-07	6.3589E-07	6.05E-04	3.85E-10	14.00	4.71E-02	2.54E-10	1,000,000	2.54E-04
110	8.5625E-07	5.9998E-07	6.05E-04	3.63E-10	14.00	4.71E-02	2.40E-10	1,000,000	2.40E-04
111	8.5625E-07	5.6514E-07	6.05E-04	3.42E-10	14.00	4.71E-02	2.26E-10	1,000,000	2.26E-04
112	8.5625E-07	1.9066E-06	6.05E-04	1.15E-09	14.00	4.71E-02	7.61E-10	1,000,000	7.61E-04
113	8.5625E-07	1.7479E-06	6.05E-04	1.06E-09	14.00	4.71E-02	6.98E-10	1,000,000	6.98E-04
114	8.5625E-07	1.5934E-06	6.05E-04	9.64E-10	14.00	4.71E-02	6.36E-10	1,000,000	6.36E-04
115	8.5625E-07	1.464E-06	6.05E-04	8.86E-10	14.00	4.71E-02	5.85E-10	1,000,000	5.85E-04
116	8.5625E-07	1.3532E-06	6.05E-04	8.19E-10	14.00	4.71E-02	5.40E-10	1,000,000	5.40E-04
117	8.5625E-07	1.2463E-06	6.05E-04	7.54E-10	14.00	4.71E-02	4.98E-10	1,000,000	4.98E-04
118	8.5625E-07	1.1545E-06	6.05E-04	6.99E-10	14.00	4.71E-02	4.61E-10	1,000,000	4.61E-04
119	8.5625E-07	1.0754E-06	6.05E-04	6.51E-10	14.00	4.71E-02	4.29E-10	1,000,000	4.29E-04
120	8.5625E-07	8.7102E-07	6.05E-04	5.27E-10	14.00	4.71E-02	3.48E-10	1,000,000	3.48E-04
121	8.5625E-07	8.1068E-07	6.05E-04	4.91E-10	14.00	4.71E-02	3.24E-10	1,000,000	3.24E-04
122	8.5625E-07	7.5893E-07	6.05E-04	4.59E-10	14.00	4.71E-02	3.03E-10	1,000,000	3.03E-04
123	8.5625E-07	7.1033E-07	6.05E-04	4.30E-10	14.00	4.71E-02	2.84E-10	1,000,000	2.84E-04
124	8.5625E-07	6.6633E-07	6.05E-04	4.03E-10	14.00	4.71E-02	2.66E-10	1,000,000	2.66E-04
125	8.5625E-07	6.2524E-07	6.05E-04	3.78E-10	14.00	4.71E-02	2.50E-10	1,000,000	2.50E-04
126	8.5625E-07	2.4351E-06	6.05E-04	1.47E-09	14.00	4.71E-02	9.72E-10	1,000,000	9.72E-04
127	8.5625E-07	2.1895E-06	6.05E-04	1.32E-09	14.00	4.71E-02	8.74E-10	1,000,000	8.74E-04
128	8.5625E-07	1.9757E-06	6.05E-04	1.20E-09	14.00	4.71E-02	7.89E-10	1,000,000	7.89E-04
129	8.5625E-07	1.7782E-06	6.05E-04	1.08E-09	14.00	4.71E-02	7.10E-10	1,000,000	7.10E-04
130	8.5625E-07	1.6224E-06	6.05E-04	9.82E-10	14.00	4.71E-02	6.48E-10	1,000,000	6.48E-04
131	8.5625E-07	1.4821E-06	6.05E-04	8.97E-10	14.00	4.71E-02	5.92E-10	1,000,000	5.92E-04
132	8.5625E-07	1.3538E-06	6.05E-04	8.19E-10	14.00	4.71E-02	5.41E-10	1,000,000	5.41E-04

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 1

	Cancer Risk from 2 to 14 years								
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
133	8.5625E-07	1.2508E-06	6.05E-04	7.57E-10	14.00	4.71E-02	4.99E-10	1,000,000	4.99E-04
134	8.5625E-07	9.1492E-07	6.05E-04	5.54E-10	14.00	4.71E-02	3.65E-10	1,000,000	3.65E-04
135	8.5625E-07	8.5409E-07	6.05E-04	5.17E-10	14.00	4.71E-02	3.41E-10	1,000,000	3.41E-04
136	8.5625E-07	7.974E-07	6.05E-04	4.82E-10	14.00	4.71E-02	3.18E-10	1,000,000	3.18E-04
137	8.5625E-07	7.4387E-07	6.05E-04	4.50E-10	14.00	4.71E-02	2.97E-10	1,000,000	2.97E-04
138	8.5625E-07	6.9431E-07	6.05E-04	4.20E-10	14.00	4.71E-02	2.77E-10	1,000,000	2.77E-04
139	8.5625E-07	2.7927E-06	6.05E-04	1.69E-09	14.00	4.71E-02	1.12E-09	1,000,000	1.12E-03
140	8.5625E-07	2.4743E-06	6.05E-04	1.50E-09	14.00	4.71E-02	9.88E-10	1,000,000	9.88E-04
141	8.5625E-07	2.1927E-06	6.05E-04	1.33E-09	14.00	4.71E-02	8.76E-10	1,000,000	8.76E-04
142	8.5625E-07	1.9616E-06	6.05E-04	1.19E-09	14.00	4.71E-02	7.83E-10	1,000,000	7.83E-04
143	8.5625E-07	1.7755E-06	6.05E-04	1.07E-09	14.00	4.71E-02	7.09E-10	1,000,000	7.09E-04
144	8.5625E-07	1.6067E-06	6.05E-04	9.72E-10	14.00	4.71E-02	6.42E-10	1,000,000	6.42E-04
145	8.5625E-07	1.4634E-06	6.05E-04	8.85E-10	14.00	4.71E-02	5.84E-10	1,000,000	5.84E-04
146	8.5625E-07	1.3439E-06	6.05E-04	8.13E-10	14.00	4.71E-02	5.37E-10	1,000,000	5.37E-04
147	8.5625E-07	1.0436E-06	6.05E-04	6.31E-10	14.00	4.71E-02	4.17E-10	1,000,000	4.17E-04
148	8.5625E-07	9.6714E-07	6.05E-04	5.85E-10	14.00	4.71E-02	3.86E-10	1,000,000	3.86E-04
149	8.5625E-07	8.9725E-07	6.05E-04	5.43E-10	14.00	4.71E-02	3.58E-10	1,000,000	3.58E-04
150	8.5625E-07	8.3351E-07	6.05E-04	5.04E-10	14.00	4.71E-02	3.33E-10	1,000,000	3.33E-04
151	8.5625E-07	7.7445E-07	6.05E-04	4.69E-10	14.00	4.71E-02	3.09E-10	1,000,000	3.09E-04
152	8.5625E-07	3.593E-06	6.05E-04	2.17E-09	14.00	4.71E-02	1.43E-09	1,000,000	1.43E-03
153	8.5625E-07	3.1053E-06	6.05E-04	1.88E-09	14.00	4.71E-02	1.24E-09	1,000,000	1.24E-03
154	8.5625E-07	2.7145E-06	6.05E-04	1.64E-09	14.00	4.71E-02	1.08E-09	1,000,000	1.08E-03
155	8.5625E-07	2.3883E-06	6.05E-04	1.45E-09	14.00	4.71E-02	9.54E-10	1,000,000	9.54E-04
156	8.5625E-07	2.1328E-06	6.05E-04	1.29E-09	14.00	4.71E-02	8.52E-10	1,000,000	8.52E-04
157	8.5625E-07	1.9167E-06	6.05E-04	1.16E-09	14.00	4.71E-02	7.65E-10	1,000,000	7.65E-04
158	8.5625E-07	1.7284E-06	6.05E-04	1.05E-09	14.00	4.71E-02	6.90E-10	1,000,000	6.90E-04
159	8.5625E-07	1.5669E-06	6.05E-04	9.48E-10	14.00	4.71E-02	6.26E-10	1,000,000	6.26E-04
160	8.5625E-07	1.4233E-06	6.05E-04	8.61E-10	14.00	4.71E-02	5.68E-10	1,000,000	5.68E-04
161	8.5625E-07	1.3011E-06	6.05E-04	7.87E-10	14.00	4.71E-02	5.20E-10	1,000,000	5.20E-04
162	8.5625E-07	1.1914E-06	6.05E-04	7.21E-10	14.00	4.71E-02	4.76E-10	1,000,000	4.76E-04
163	8.5625E-07	1.0951E-06	6.05E-04	6.63E-10	14.00	4.71E-02	4.37E-10	1,000,000	4.37E-04
164	8.5625E-07	1.0103E-06	6.05E-04	6.11E-10	14.00	4.71E-02	4.03E-10	1,000,000	4.03E-04
165	8.5625E-07	9.362E-07	6.05E-04	5.66E-10	14.00	4.71E-02	3.74E-10	1,000,000	3.74E-04

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 1

	Cancer Risk from 2 to 14 years								
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
166	8.5625E-07	8.6684E-07	6.05E-04	5.24E-10	14.00	4.71E-02	3.46E-10	1,000,000	3.46E-04
167	8.5625E-07	3.9085E-06	6.05E-04	2.36E-09	14.00	4.71E-02	1.56E-09	1,000,000	1.56E-03
168	8.5625E-07	3.3733E-06	6.05E-04	2.04E-09	14.00	4.71E-02	1.35E-09	1,000,000	1.35E-03
169	8.5625E-07	2.9336E-06	6.05E-04	1.78E-09	14.00	4.71E-02	1.17E-09	1,000,000	1.17E-03
170	8.5625E-07	2.5752E-06	6.05E-04	1.56E-09	14.00	4.71E-02	1.03E-09	1,000,000	1.03E-03
171	8.5625E-07	2.2887E-06	6.05E-04	1.38E-09	14.00	4.71E-02	9.14E-10	1,000,000	9.14E-04
172	8.5625E-07	2.0422E-06	6.05E-04	1.24E-09	14.00	4.71E-02	8.16E-10	1,000,000	8.16E-04
173	8.5625E-07	1.8284E-06	6.05E-04	1.11E-09	14.00	4.71E-02	7.30E-10	1,000,000	7.30E-04
174	8.5625E-07	1.6451E-06	6.05E-04	9.95E-10	14.00	4.71E-02	6.57E-10	1,000,000	6.57E-04
175	8.5625E-07	1.4935E-06	6.05E-04	9.04E-10	14.00	4.71E-02	5.96E-10	1,000,000	5.96E-04
176	8.5625E-07	1.3595E-06	6.05E-04	8.23E-10	14.00	4.71E-02	5.43E-10	1,000,000	5.43E-04
177	8.5625E-07	1.2429E-06	6.05E-04	7.52E-10	14.00	4.71E-02	4.96E-10	1,000,000	4.96E-04
178	8.5625E-07	1.1415E-06	6.05E-04	6.91E-10	14.00	4.71E-02	4.56E-10	1,000,000	4.56E-04
179	8.5625E-07	1.0524E-06	6.05E-04	6.37E-10	14.00	4.71E-02	4.20E-10	1,000,000	4.20E-04
180	8.5625E-07	9.6959E-07	6.05E-04	5.87E-10	14.00	4.71E-02	3.87E-10	1,000,000	3.87E-04
181	8.5625E-07	5.0483E-06	6.05E-04	3.05E-09	14.00	4.71E-02	2.02E-09	1,000,000	2.02E-03
182	8.5625E-07	4.2324E-06	6.05E-04	2.56E-09	14.00	4.71E-02	1.69E-09	1,000,000	1.69E-03
183	8.5625E-07	3.633E-06	6.05E-04	2.20E-09	14.00	4.71E-02	1.45E-09	1,000,000	1.45E-03
184	8.5625E-07	3.1414E-06	6.05E-04	1.90E-09	14.00	4.71E-02	1.25E-09	1,000,000	1.25E-03
185	8.5625E-07	2.7473E-06	6.05E-04	1.66E-09	14.00	4.71E-02	1.10E-09	1,000,000	1.10E-03
186	8.5625E-07	2.4235E-06	6.05E-04	1.47E-09	14.00	4.71E-02	9.68E-10	1,000,000	9.68E-04
187	8.5625E-07	2.1489E-06	6.05E-04	1.30E-09	14.00	4.71E-02	8.58E-10	1,000,000	8.58E-04
188	8.5625E-07	1.9191E-06	6.05E-04	1.16E-09	14.00	4.71E-02	7.66E-10	1,000,000	7.66E-04
189	8.5625E-07	1.7257E-06	6.05E-04	1.04E-09	14.00	4.71E-02	6.89E-10	1,000,000	6.89E-04
190	8.5625E-07	1.5597E-06	6.05E-04	9.44E-10	14.00	4.71E-02	6.23E-10	1,000,000	6.23E-04
191	8.5625E-07	1.416E-06	6.05E-04	8.57E-10	14.00	4.71E-02	5.65E-10	1,000,000	5.65E-04
192	8.5625E-07	1.2907E-06	6.05E-04	7.81E-10	14.00	4.71E-02	5.15E-10	1,000,000	5.15E-04
193	8.5625E-07	1.1817E-06	6.05E-04	7.15E-10	14.00	4.71E-02	4.72E-10	1,000,000	4.72E-04
194	8.5625E-07	1.082E-06	6.05E-04	6.55E-10	14.00	4.71E-02	4.32E-10	1,000,000	4.32E-04
195	8.5625E-07	5.3752E-06	6.05E-04	3.25E-09	14.00	4.71E-02	2.15E-09	1,000,000	2.15E-03
196	8.5625E-07	4.5251E-06	6.05E-04	2.74E-09	14.00	4.71E-02	1.81E-09	1,000,000	1.81E-03
197	8.5625E-07	3.8522E-06	6.05E-04	2.33E-09	14.00	4.71E-02	1.54E-09	1,000,000	1.54E-03
198	8.5625E-07	3.3017E-06	6.05E-04	2.00E-09	14.00	4.71E-02	1.32E-09	1,000,000	1.32E-03

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 1

	Cancer Risk from 2 to 14 years								
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
199	8.5625E-07	2.8702E-06	6.05E-04	1.74E-09	14.00	4.71E-02	1.15E-09	1,000,000	1.15E-03
200	8.5625E-07	2.518E-06	6.05E-04	1.52E-09	14.00	4.71E-02	1.01E-09	1,000,000	1.01E-03
201	8.5625E-07	2.2278E-06	6.05E-04	1.35E-09	14.00	4.71E-02	8.90E-10	1,000,000	8.90E-04
202	8.5625E-07	1.9847E-06	6.05E-04	1.20E-09	14.00	4.71E-02	7.93E-10	1,000,000	7.93E-04
203	8.5625E-07	1.7794E-06	6.05E-04	1.08E-09	14.00	4.71E-02	7.11E-10	1,000,000	7.11E-04
204	8.5625E-07	1.6033E-06	6.05E-04	9.70E-10	14.00	4.71E-02	6.40E-10	1,000,000	6.40E-04
205	8.5625E-07	1.451E-06	6.05E-04	8.78E-10	14.00	4.71E-02	5.79E-10	1,000,000	5.79E-04
206	8.5625E-07	1.3205E-06	6.05E-04	7.99E-10	14.00	4.71E-02	5.27E-10	1,000,000	5.27E-04
207	8.5625E-07	1.2039E-06	6.05E-04	7.28E-10	14.00	4.71E-02	4.81E-10	1,000,000	4.81E-04
208	8.5625E-07	5.6381E-06	6.05E-04	3.41E-09	14.00	4.71E-02	2.25E-09	1,000,000	2.25E-03
209	8.5625E-07	4.7061E-06	6.05E-04	2.85E-09	14.00	4.71E-02	1.88E-09	1,000,000	1.88E-03
210	8.5625E-07	3.9785E-06	6.05E-04	2.41E-09	14.00	4.71E-02	1.59E-09	1,000,000	1.59E-03
211	8.5625E-07	3.4017E-06	6.05E-04	2.06E-09	14.00	4.71E-02	1.36E-09	1,000,000	1.36E-03
212	8.5625E-07	2.9455E-06	6.05E-04	1.78E-09	14.00	4.71E-02	1.18E-09	1,000,000	1.18E-03
213	8.5625E-07	2.5774E-06	6.05E-04	1.56E-09	14.00	4.71E-02	1.03E-09	1,000,000	1.03E-03
214	8.5625E-07	2.2741E-06	6.05E-04	1.38E-09	14.00	4.71E-02	9.08E-10	1,000,000	9.08E-04
215	8.5625E-07	2.0189E-06	6.05E-04	1.22E-09	14.00	4.71E-02	8.06E-10	1,000,000	8.06E-04
216	8.5625E-07	1.8059E-06	6.05E-04	1.09E-09	14.00	4.71E-02	7.21E-10	1,000,000	7.21E-04
217	8.5625E-07	1.6247E-06	6.05E-04	9.83E-10	14.00	4.71E-02	6.49E-10	1,000,000	6.49E-04
218	8.5625E-07	1.4698E-06	6.05E-04	8.89E-10	14.00	4.71E-02	5.87E-10	1,000,000	5.87E-04
219	8.5625E-07	1.3345E-06	6.05E-04	8.07E-10	14.00	4.71E-02	5.33E-10	1,000,000	5.33E-04
220	8.5625E-07	3.441E-06	6.05E-04	2.08E-09	14.00	4.71E-02	1.37E-09	1,000,000	1.37E-03
221	8.5625E-07	2.9769E-06	6.05E-04	1.80E-09	14.00	4.71E-02	1.19E-09	1,000,000	1.19E-03
222	8.5625E-07	2.6009E-06	6.05E-04	1.57E-09	14.00	4.71E-02	1.04E-09	1,000,000	1.04E-03
223	8.5625E-07	2.2902E-06	6.05E-04	1.39E-09	14.00	4.71E-02	9.15E-10	1,000,000	9.15E-04
224	8.5625E-07	2.0311E-06	6.05E-04	1.23E-09	14.00	4.71E-02	8.11E-10	1,000,000	8.11E-04
225	8.5625E-07	1.8143E-06	6.05E-04	1.10E-09	14.00	4.71E-02	7.25E-10	1,000,000	7.25E-04
226	8.5625E-07	1.6297E-06	6.05E-04	9.86E-10	14.00	4.71E-02	6.51E-10	1,000,000	6.51E-04
227	8.5625E-07	1.4707E-06	6.05E-04	8.90E-10	14.00	4.71E-02	5.87E-10	1,000,000	5.87E-04
228	8.5625E-07	3.4116E-06	6.05E-04	2.06E-09	14.00	4.71E-02	1.36E-09	1,000,000	1.36E-03
229	8.5625E-07	2.9492E-06	6.05E-04	1.78E-09	14.00	4.71E-02	1.18E-09	1,000,000	1.18E-03
230	8.5625E-07	2.5745E-06	6.05E-04	1.56E-09	14.00	4.71E-02	1.03E-09	1,000,000	1.03E-03
231	8.5625E-07	2.2649E-06	6.05E-04	1.37E-09	14.00	4.71E-02	9.04E-10	1,000,000	9.04E-04

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 1

					Cancer Risk from 2 to 14 years				
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
232	8.5625E-07	2.0092E-06	6.05E-04	1.22E-09	14.00	4.71E-02	8.02E-10	1,000,000	8.02E-04
233	8.5625E-07	1.7937E-06	6.05E-04	1.09E-09	14.00	4.71E-02	7.16E-10	1,000,000	7.16E-04
234	8.5625E-07	1.6107E-06	6.05E-04	9.75E-10	14.00	4.71E-02	6.43E-10	1,000,000	6.43E-04
235	8.5625E-07	6.2146E-06	6.05E-04	3.76E-09	14.00	4.71E-02	2.48E-09	1,000,000	2.48E-03
236	8.5625E-07	6.3098E-06	6.05E-04	3.82E-09	14.00	4.71E-02	2.52E-09	1,000,000	2.52E-03
237	8.5625E-07	5.2109E-06	6.05E-04	3.15E-09	14.00	4.71E-02	2.08E-09	1,000,000	2.08E-03
238	8.5625E-07	4.3683E-06	6.05E-04	2.64E-09	14.00	4.71E-02	1.74E-09	1,000,000	1.74E-03
239	8.5625E-07	6.2686E-06	6.05E-04	3.79E-09	14.00	4.71E-02	2.50E-09	1,000,000	2.50E-03
240	8.5625E-07	5.1629E-06	6.05E-04	3.12E-09	14.00	4.71E-02	2.06E-09	1,000,000	2.06E-03
241	8.5625E-07	4.3345E-06	6.05E-04	2.62E-09	14.00	4.71E-02	1.73E-09	1,000,000	1.73E-03
242	8.5625E-07	3.6834E-06	6.05E-04	2.23E-09	14.00	4.71E-02	1.47E-09	1,000,000	1.47E-03

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 1

					Cancer Risk from 2 to 14 years				
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
243	8.5625E-07	5.7973E-07	6.05E-04	3.51E-10	14.00	4.71E-02	2.32E-10	1,000,000	2.32E-04
244	8.5625E-07	5.6728E-07	6.05E-04	3.43E-10	14.00	4.71E-02	2.27E-10	1,000,000	2.27E-04
245	8.5625E-07	5.5748E-07	6.05E-04	3.37E-10	14.00	4.71E-02	2.23E-10	1,000,000	2.23E-04
246	8.5625E-07	5.488E-07	6.05E-04	3.32E-10	14.00	4.71E-02	2.19E-10	1,000,000	2.19E-04
247	8.5625E-07	5.3927E-07	6.05E-04	3.26E-10	14.00	4.71E-02	2.15E-10	1,000,000	2.15E-04
248	8.5625E-07	5.2872E-07	6.05E-04	3.20E-10	14.00	4.71E-02	2.11E-10	1,000,000	2.11E-04
249	8.5625E-07	5.1678E-07	6.05E-04	3.13E-10	14.00	4.71E-02	2.06E-10	1,000,000	2.06E-04
250	8.5625E-07	5.0393E-07	6.05E-04	3.05E-10	14.00	4.71E-02	2.01E-10	1,000,000	2.01E-04
251	8.5625E-07	4.9057E-07	6.05E-04	2.97E-10	14.00	4.71E-02	1.96E-10	1,000,000	1.96E-04
252	8.5625E-07	5.5149E-07	6.05E-04	3.34E-10	14.00	4.71E-02	2.20E-10	1,000,000	2.20E-04
253	8.5625E-07	5.3511E-07	6.05E-04	3.24E-10	14.00	4.71E-02	2.14E-10	1,000,000	2.14E-04
254	8.5625E-07	5.2253E-07	6.05E-04	3.16E-10	14.00	4.71E-02	2.09E-10	1,000,000	2.09E-04
255	8.5625E-07	5.1288E-07	6.05E-04	3.10E-10	14.00	4.71E-02	2.05E-10	1,000,000	2.05E-04
256	8.5625E-07	5.0513E-07	6.05E-04	3.06E-10	14.00	4.71E-02	2.02E-10	1,000,000	2.02E-04
257	8.5625E-07	4.9742E-07	6.05E-04	3.01E-10	14.00	4.71E-02	1.99E-10	1,000,000	1.99E-04
258	8.5625E-07	4.8982E-07	6.05E-04	2.96E-10	14.00	4.71E-02	1.96E-10	1,000,000	1.96E-04
259	8.5625E-07	4.8093E-07	6.05E-04	2.91E-10	14.00	4.71E-02	1.92E-10	1,000,000	1.92E-04
260	8.5625E-07	4.7125E-07	6.05E-04	2.85E-10	14.00	4.71E-02	1.88E-10	1,000,000	1.88E-04
261	8.5625E-07	4.6081E-07	6.05E-04	2.79E-10	14.00	4.71E-02	1.84E-10	1,000,000	1.84E-04
262	8.5625E-07	4.5004E-07	6.05E-04	2.72E-10	14.00	4.71E-02	1.80E-10	1,000,000	1.80E-04
263	8.5625E-07	4.9949E-07	6.05E-04	3.02E-10	14.00	4.71E-02	1.99E-10	1,000,000	1.99E-04
264	8.5625E-07	4.8466E-07	6.05E-04	2.93E-10	14.00	4.71E-02	1.94E-10	1,000,000	1.94E-04
265	8.5625E-07	4.7404E-07	6.05E-04	2.87E-10	14.00	4.71E-02	1.89E-10	1,000,000	1.89E-04
266	8.5625E-07	4.6562E-07	6.05E-04	2.82E-10	14.00	4.71E-02	1.86E-10	1,000,000	1.86E-04
267	8.5625E-07	4.5904E-07	6.05E-04	2.78E-10	14.00	4.71E-02	1.83E-10	1,000,000	1.83E-04
268	8.5625E-07	4.5261E-07	6.05E-04	2.74E-10	14.00	4.71E-02	1.81E-10	1,000,000	1.81E-04
269	8.5625E-07	4.4653E-07	6.05E-04	2.70E-10	14.00	4.71E-02	1.78E-10	1,000,000	1.78E-04
270	8.5625E-07	4.3946E-07	6.05E-04	2.66E-10	14.00	4.71E-02	1.75E-10	1,000,000	1.75E-04
271	8.5625E-07	4.3184E-07	6.05E-04	2.61E-10	14.00	4.71E-02	1.72E-10	1,000,000	1.72E-04
272	8.5625E-07	4.2336E-07	6.05E-04	2.56E-10	14.00	4.71E-02	1.69E-10	1,000,000	1.69E-04
273	8.5625E-07	4.1436E-07	6.05E-04	2.51E-10	14.00	4.71E-02	1.65E-10	1,000,000	1.65E-04
274	8.5625E-07	4.0405E-07	6.05E-04	2.44E-10	14.00	4.71E-02	1.61E-10	1,000,000	1.61E-04
275	8.5625E-07	4.5413E-07	6.05E-04	2.75E-10	14.00	4.71E-02	1.81E-10	1,000,000	1.81E-04

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 1

					Cancer Risk from 2 to 14 years				
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
276	8.5625E-07	4.4176E-07	6.05E-04	2.67E-10	14.00	4.71E-02	1.76E-10	1,000,000	1.76E-04
277	8.5625E-07	4.3228E-07	6.05E-04	2.62E-10	14.00	4.71E-02	1.73E-10	1,000,000	1.73E-04
278	8.5625E-07	4.2499E-07	6.05E-04	2.57E-10	14.00	4.71E-02	1.70E-10	1,000,000	1.70E-04
279	8.5625E-07	4.1919E-07	6.05E-04	2.54E-10	14.00	4.71E-02	1.67E-10	1,000,000	1.67E-04
280	8.5625E-07	4.1398E-07	6.05E-04	2.50E-10	14.00	4.71E-02	1.65E-10	1,000,000	1.65E-04
281	8.5625E-07	4.0857E-07	6.05E-04	2.47E-10	14.00	4.71E-02	1.63E-10	1,000,000	1.63E-04
282	8.5625E-07	4.0305E-07	6.05E-04	2.44E-10	14.00	4.71E-02	1.61E-10	1,000,000	1.61E-04
283	8.5625E-07	3.9692E-07	6.05E-04	2.40E-10	14.00	4.71E-02	1.59E-10	1,000,000	1.59E-04
284	8.5625E-07	3.8996E-07	6.05E-04	2.36E-10	14.00	4.71E-02	1.56E-10	1,000,000	1.56E-04
285	8.5625E-07	3.8232E-07	6.05E-04	2.31E-10	14.00	4.71E-02	1.53E-10	1,000,000	1.53E-04
286	8.5625E-07	3.7417E-07	6.05E-04	2.26E-10	14.00	4.71E-02	1.49E-10	1,000,000	1.49E-04
287	8.5625E-07	4.1508E-07	6.05E-04	2.51E-10	14.00	4.71E-02	1.66E-10	1,000,000	1.66E-04
288	8.5625E-07	4.042E-07	6.05E-04	2.45E-10	14.00	4.71E-02	1.61E-10	1,000,000	1.61E-04
289	8.5625E-07	3.957E-07	6.05E-04	2.39E-10	14.00	4.71E-02	1.58E-10	1,000,000	1.58E-04
290	8.5625E-07	3.894E-07	6.05E-04	2.36E-10	14.00	4.71E-02	1.56E-10	1,000,000	1.56E-04
291	8.5625E-07	3.8421E-07	6.05E-04	2.32E-10	14.00	4.71E-02	1.53E-10	1,000,000	1.53E-04
292	8.5625E-07	3.8014E-07	6.05E-04	2.30E-10	14.00	4.71E-02	1.52E-10	1,000,000	1.52E-04
293	8.5625E-07	3.7566E-07	6.05E-04	2.27E-10	14.00	4.71E-02	1.50E-10	1,000,000	1.50E-04
294	8.5625E-07	3.7144E-07	6.05E-04	2.25E-10	14.00	4.71E-02	1.48E-10	1,000,000	1.48E-04
295	8.5625E-07	3.6647E-07	6.05E-04	2.22E-10	14.00	4.71E-02	1.46E-10	1,000,000	1.46E-04
296	8.5625E-07	3.6077E-07	6.05E-04	2.18E-10	14.00	4.71E-02	1.44E-10	1,000,000	1.44E-04
297	8.5625E-07	3.5431E-07	6.05E-04	2.14E-10	14.00	4.71E-02	1.41E-10	1,000,000	1.41E-04
298	8.5625E-07	3.4752E-07	6.05E-04	2.10E-10	14.00	4.71E-02	1.39E-10	1,000,000	1.39E-04
299	8.5625E-07	3.8102E-07	6.05E-04	2.31E-10	14.00	4.71E-02	1.52E-10	1,000,000	1.52E-04
300	8.5625E-07	3.7159E-07	6.05E-04	2.25E-10	14.00	4.71E-02	1.48E-10	1,000,000	1.48E-04
301	8.5625E-07	3.6395E-07	6.05E-04	2.20E-10	14.00	4.71E-02	1.45E-10	1,000,000	1.45E-04
302	8.5625E-07	3.5815E-07	6.05E-04	2.17E-10	14.00	4.71E-02	1.43E-10	1,000,000	1.43E-04
303	8.5625E-07	3.5408E-07	6.05E-04	2.14E-10	14.00	4.71E-02	1.41E-10	1,000,000	1.41E-04
304	8.5625E-07	3.4994E-07	6.05E-04	2.12E-10	14.00	4.71E-02	1.40E-10	1,000,000	1.40E-04
305	8.5625E-07	3.4669E-07	6.05E-04	2.10E-10	14.00	4.71E-02	1.38E-10	1,000,000	1.38E-04
306	8.5625E-07	3.4312E-07	6.05E-04	2.08E-10	14.00	4.71E-02	1.37E-10	1,000,000	1.37E-04
307	8.5625E-07	3.3921E-07	6.05E-04	2.05E-10	14.00	4.71E-02	1.35E-10	1,000,000	1.35E-04
308	8.5625E-07	3.3447E-07	6.05E-04	2.02E-10	14.00	4.71E-02	1.34E-10	1,000,000	1.34E-04

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 1

					Cancer Risk from 2 to 14 years				
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
309	8.5625E-07	3.2903E-07	6.05E-04	1.99E-10	14.00	4.71E-02	1.31E-10	1,000,000	1.31E-04
310	8.5625E-07	3.2351E-07	6.05E-04	1.96E-10	14.00	4.71E-02	1.29E-10	1,000,000	1.29E-04
311	8.5625E-07	3.5131E-07	6.05E-04	2.13E-10	14.00	4.71E-02	1.40E-10	1,000,000	1.40E-04
312	8.5625E-07	3.4312E-07	6.05E-04	2.08E-10	14.00	4.71E-02	1.37E-10	1,000,000	1.37E-04
313	8.5625E-07	3.3672E-07	6.05E-04	2.04E-10	14.00	4.71E-02	1.34E-10	1,000,000	1.34E-04
314	8.5625E-07	3.3164E-07	6.05E-04	2.01E-10	14.00	4.71E-02	1.32E-10	1,000,000	1.32E-04
315	8.5625E-07	3.2722E-07	6.05E-04	1.98E-10	14.00	4.71E-02	1.31E-10	1,000,000	1.31E-04
316	8.5625E-07	3.232E-07	6.05E-04	1.96E-10	14.00	4.71E-02	1.29E-10	1,000,000	1.29E-04
317	8.5625E-07	3.2078E-07	6.05E-04	1.94E-10	14.00	4.71E-02	1.28E-10	1,000,000	1.28E-04
318	8.5625E-07	3.1762E-07	6.05E-04	1.92E-10	14.00	4.71E-02	1.27E-10	1,000,000	1.27E-04
319	8.5625E-07	3.1442E-07	6.05E-04	1.90E-10	14.00	4.71E-02	1.26E-10	1,000,000	1.26E-04
320	8.5625E-07	3.1042E-07	6.05E-04	1.88E-10	14.00	4.71E-02	1.24E-10	1,000,000	1.24E-04
321	8.5625E-07	3.0638E-07	6.05E-04	1.85E-10	14.00	4.71E-02	1.22E-10	1,000,000	1.22E-04
322	8.5625E-07	3.0182E-07	6.05E-04	1.83E-10	14.00	4.71E-02	1.21E-10	1,000,000	1.21E-04
323	8.5625E-07	3.25E-07	6.05E-04	1.97E-10	14.00	4.71E-02	1.30E-10	1,000,000	1.30E-04
324	8.5625E-07	3.1758E-07	6.05E-04	1.92E-10	14.00	4.71E-02	1.27E-10	1,000,000	1.27E-04
325	8.5625E-07	3.1164E-07	6.05E-04	1.89E-10	14.00	4.71E-02	1.24E-10	1,000,000	1.24E-04
326	8.5625E-07	3.0542E-07	6.05E-04	1.85E-10	14.00	4.71E-02	1.22E-10	1,000,000	1.22E-04
327	8.5625E-07	3.0369E-07	6.05E-04	1.84E-10	14.00	4.71E-02	1.21E-10	1,000,000	1.21E-04
328	8.5625E-07	3.0068E-07	6.05E-04	1.82E-10	14.00	4.71E-02	1.20E-10	1,000,000	1.20E-04
329	8.5625E-07	2.9923E-07	6.05E-04	1.81E-10	14.00	4.71E-02	1.19E-10	1,000,000	1.19E-04
330	8.5625E-07	2.9561E-07	6.05E-04	1.79E-10	14.00	4.71E-02	1.18E-10	1,000,000	1.18E-04
331	8.5625E-07	2.9238E-07	6.05E-04	1.77E-10	14.00	4.71E-02	1.17E-10	1,000,000	1.17E-04
332	8.5625E-07	2.8932E-07	6.05E-04	1.75E-10	14.00	4.71E-02	1.16E-10	1,000,000	1.16E-04
333	8.5625E-07	2.8584E-07	6.05E-04	1.73E-10	14.00	4.71E-02	1.14E-10	1,000,000	1.14E-04
334	8.5625E-07	2.8169E-07	6.05E-04	1.70E-10	14.00	4.71E-02	1.12E-10	1,000,000	1.12E-04
335	8.5625E-07	3.0153E-07	6.05E-04	1.82E-10	14.00	4.71E-02	1.20E-10	1,000,000	1.20E-04
336	8.5625E-07	2.9462E-07	6.05E-04	1.78E-10	14.00	4.71E-02	1.18E-10	1,000,000	1.18E-04
337	8.5625E-07	2.8938E-07	6.05E-04	1.75E-10	14.00	4.71E-02	1.16E-10	1,000,000	1.16E-04
338	8.5625E-07	2.8312E-07	6.05E-04	1.71E-10	14.00	4.71E-02	1.13E-10	1,000,000	1.13E-04
339	8.5625E-07	2.8184E-07	6.05E-04	1.71E-10	14.00	4.71E-02	1.13E-10	1,000,000	1.13E-04
340	8.5625E-07	2.7904E-07	6.05E-04	1.69E-10	14.00	4.71E-02	1.11E-10	1,000,000	1.11E-04
341	8.5625E-07	2.7852E-07	6.05E-04	1.69E-10	14.00	4.71E-02	1.11E-10	1,000,000	1.11E-04

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 1

	Cancer Risk 14 to 30 years												
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million	Total Risk		Max	Receptor #
1	8.56E-07	1.0211E-06	2.50E-04	2.56E-10	1.40E+01	1.15E-02	4.10E-11	1.0E+06	4.1E-05	8.0E-04	Res	0.005	1
2	8.5625E-07	5.629E-07	2.50E-04	1.41E-10	14.00	1.15E-02	2.26E-11	1,000,000	2.26E-05	4.4E-04			
3	8.5625E-07	5.9512E-07	2.50E-04	1.49E-10	14.00	1.15E-02	2.39E-11	1,000,000	2.39E-05	4.7E-04			
4	8.5625E-07	6.4589E-07	2.50E-04	1.62E-10	14.00	1.15E-02	2.60E-11	1,000,000	2.60E-05	5.0E-04			
5	8.5625E-07	7.1148E-07	2.50E-04	1.78E-10	14.00	1.15E-02	2.86E-11	1,000,000	2.86E-05	5.6E-04			
6	8.5625E-07	7.5667E-07	2.50E-04	1.89E-10	14.00	1.15E-02	3.04E-11	1,000,000	3.04E-05	5.9E-04			
7	8.5625E-07	8.4533E-07	2.50E-04	2.12E-10	14.00	1.15E-02	3.40E-11	1,000,000	3.40E-05	6.6E-04			
8	8.5625E-07	3.6326E-07	2.50E-04	9.09E-11	14.00	1.15E-02	1.46E-11	1,000,000	1.46E-05	2.8E-04			
9	8.5625E-07	3.5052E-07	2.50E-04	8.77E-11	14.00	1.15E-02	1.41E-11	1,000,000	1.41E-05	2.7E-04			
10	8.5625E-07	3.3927E-07	2.50E-04	8.49E-11	14.00	1.15E-02	1.36E-11	1,000,000	1.36E-05	2.7E-04			
11	8.5625E-07	3.2811E-07	2.50E-04	8.21E-11	14.00	1.15E-02	1.32E-11	1,000,000	1.32E-05	2.6E-04			
12	8.5625E-07	3.167E-07	2.50E-04	7.93E-11	14.00	1.15E-02	1.27E-11	1,000,000	1.27E-05	2.5E-04			
13	8.5625E-07	3.0553E-07	2.50E-04	7.65E-11	14.00	1.15E-02	1.23E-11	1,000,000	1.23E-05	2.4E-04			
14	8.5625E-07	2.946E-07	2.50E-04	7.37E-11	14.00	1.15E-02	1.18E-11	1,000,000	1.18E-05	2.3E-04			
15	8.5625E-07	2.8413E-07	2.50E-04	7.11E-11	14.00	1.15E-02	1.14E-11	1,000,000	1.14E-05	2.2E-04			
16	8.5625E-07	3.9214E-07	2.50E-04	9.81E-11	14.00	1.15E-02	1.58E-11	1,000,000	1.58E-05	3.1E-04			
17	8.5625E-07	3.7761E-07	2.50E-04	9.45E-11	14.00	1.15E-02	1.52E-11	1,000,000	1.52E-05	3.0E-04			
18	8.5625E-07	3.646E-07	2.50E-04	9.12E-11	14.00	1.15E-02	1.47E-11	1,000,000	1.47E-05	2.8E-04			
19	8.5625E-07	3.5167E-07	2.50E-04	8.80E-11	14.00	1.15E-02	1.41E-11	1,000,000	1.41E-05	2.7E-04			
20	8.5625E-07	3.3852E-07	2.50E-04	8.47E-11	14.00	1.15E-02	1.36E-11	1,000,000	1.36E-05	2.6E-04			
21	8.5625E-07	3.2612E-07	2.50E-04	8.16E-11	14.00	1.15E-02	1.31E-11	1,000,000	1.31E-05	2.5E-04			
22	8.5625E-07	3.1399E-07	2.50E-04	7.86E-11	14.00	1.15E-02	1.26E-11	1,000,000	1.26E-05	2.5E-04			
23	8.5625E-07	3.0197E-07	2.50E-04	7.56E-11	14.00	1.15E-02	1.21E-11	1,000,000	1.21E-05	2.4E-04			
24	8.5625E-07	3.9285E-07	2.50E-04	9.83E-11	14.00	1.15E-02	1.58E-11	1,000,000	1.58E-05	3.1E-04			
25	8.5625E-07	3.7795E-07	2.50E-04	9.46E-11	14.00	1.15E-02	1.52E-11	1,000,000	1.52E-05	3.0E-04			
26	8.5625E-07	3.6266E-07	2.50E-04	9.08E-11	14.00	1.15E-02	1.46E-11	1,000,000	1.46E-05	2.8E-04			
27	8.5625E-07	3.4862E-07	2.50E-04	8.73E-11	14.00	1.15E-02	1.40E-11	1,000,000	1.40E-05	2.7E-04			
28	8.5625E-07	3.3517E-07	2.50E-04	8.39E-11	14.00	1.15E-02	1.35E-11	1,000,000	1.35E-05	2.6E-04			
29	8.5625E-07	3.2159E-07	2.50E-04	8.05E-11	14.00	1.15E-02	1.29E-11	1,000,000	1.29E-05	2.5E-04			
30	8.5625E-07	4.2454E-07	2.50E-04	1.06E-10	14.00	1.15E-02	1.71E-11	1,000,000	1.71E-05	3.3E-04			
31	8.5625E-07	4.0755E-07	2.50E-04	1.02E-10	14.00	1.15E-02	1.64E-11	1,000,000	1.64E-05	3.2E-04			
32	8.5625E-07	3.9E-07	2.50E-04	9.76E-11	14.00	1.15E-02	1.57E-11	1,000,000	1.57E-05	3.0E-04			
33	8.5625E-07	3.7413E-07	2.50E-04	9.36E-11	14.00	1.15E-02	1.50E-11	1,000,000	1.50E-05	2.9E-04			

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 1

	Cancer Risk 14 to 30 years												
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million	Total Risk		Max	Receptor #
34	8.5625E-07	3.5902E-07	2.50E-04	8.99E-11	14.00	1.15E-02	1.44E-11	1,000,000	1.44E-05	2.8E-04			
35	8.5625E-07	3.4384E-07	2.50E-04	8.61E-11	14.00	1.15E-02	1.38E-11	1,000,000	1.38E-05	2.7E-04			
36	8.5625E-07	4.6117E-07	2.50E-04	1.15E-10	14.00	1.15E-02	1.85E-11	1,000,000	1.85E-05	3.6E-04			
37	8.5625E-07	4.4144E-07	2.50E-04	1.10E-10	14.00	1.15E-02	1.77E-11	1,000,000	1.77E-05	3.5E-04			
38	8.5625E-07	4.214E-07	2.50E-04	1.05E-10	14.00	1.15E-02	1.69E-11	1,000,000	1.69E-05	3.3E-04			
39	8.5625E-07	4.0326E-07	2.50E-04	1.01E-10	14.00	1.15E-02	1.62E-11	1,000,000	1.62E-05	3.2E-04			
40	8.5625E-07	3.8627E-07	2.50E-04	9.67E-11	14.00	1.15E-02	1.55E-11	1,000,000	1.55E-05	3.0E-04			
41	8.5625E-07	3.6908E-07	2.50E-04	9.24E-11	14.00	1.15E-02	1.48E-11	1,000,000	1.48E-05	2.9E-04			
42	8.5625E-07	8.6282E-07	2.50E-04	2.16E-10	14.00	1.15E-02	3.47E-11	1,000,000	3.47E-05	6.7E-04			
43	8.5625E-07	8.3583E-07	2.50E-04	2.09E-10	14.00	1.15E-02	3.36E-11	1,000,000	3.36E-05	6.5E-04			
44	8.5625E-07	8.0544E-07	2.50E-04	2.02E-10	14.00	1.15E-02	3.24E-11	1,000,000	3.24E-05	6.3E-04			
45	8.5625E-07	7.7275E-07	2.50E-04	1.93E-10	14.00	1.15E-02	3.11E-11	1,000,000	3.11E-05	6.0E-04			
46	8.5625E-07	7.379E-07	2.50E-04	1.85E-10	14.00	1.15E-02	2.97E-11	1,000,000	2.97E-05	5.8E-04			
47	8.5625E-07	7.0221E-07	2.50E-04	1.76E-10	14.00	1.15E-02	2.82E-11	1,000,000	2.82E-05	5.5E-04			
48	8.5625E-07	6.6998E-07	2.50E-04	1.68E-10	14.00	1.15E-02	2.69E-11	1,000,000	2.69E-05	5.2E-04			
49	8.5625E-07	5.0329E-07	2.50E-04	1.26E-10	14.00	1.15E-02	2.02E-11	1,000,000	2.02E-05	3.9E-04			
50	8.5625E-07	4.806E-07	2.50E-04	1.20E-10	14.00	1.15E-02	1.93E-11	1,000,000	1.93E-05	3.8E-04			
51	8.5625E-07	4.5769E-07	2.50E-04	1.15E-10	14.00	1.15E-02	1.84E-11	1,000,000	1.84E-05	3.6E-04			
52	8.5625E-07	4.3697E-07	2.50E-04	1.09E-10	14.00	1.15E-02	1.76E-11	1,000,000	1.76E-05	3.4E-04			
53	8.5625E-07	4.1746E-07	2.50E-04	1.04E-10	14.00	1.15E-02	1.68E-11	1,000,000	1.68E-05	3.3E-04			
54	8.5625E-07	3.9778E-07	2.50E-04	9.96E-11	14.00	1.15E-02	1.60E-11	1,000,000	1.60E-05	3.1E-04			
55	8.5625E-07	1.0574E-06	2.50E-04	2.65E-10	14.00	1.15E-02	4.25E-11	1,000,000	4.25E-05	8.3E-04			
56	8.5625E-07	1.012E-06	2.50E-04	2.53E-10	14.00	1.15E-02	4.07E-11	1,000,000	4.07E-05	7.9E-04			
57	8.5625E-07	9.7139E-07	2.50E-04	2.43E-10	14.00	1.15E-02	3.90E-11	1,000,000	3.90E-05	7.6E-04			
58	8.5625E-07	9.2448E-07	2.50E-04	2.31E-10	14.00	1.15E-02	3.72E-11	1,000,000	3.72E-05	7.2E-04			
59	8.5625E-07	8.8076E-07	2.50E-04	2.20E-10	14.00	1.15E-02	3.54E-11	1,000,000	3.54E-05	6.9E-04			
60	8.5625E-07	8.3756E-07	2.50E-04	2.10E-10	14.00	1.15E-02	3.37E-11	1,000,000	3.37E-05	6.5E-04			
61	8.5625E-07	7.9235E-07	2.50E-04	1.98E-10	14.00	1.15E-02	3.18E-11	1,000,000	3.18E-05	6.2E-04			
62	8.5625E-07	7.5172E-07	2.50E-04	1.88E-10	14.00	1.15E-02	3.02E-11	1,000,000	3.02E-05	5.9E-04			
63	8.5625E-07	7.1514E-07	2.50E-04	1.79E-10	14.00	1.15E-02	2.87E-11	1,000,000	2.87E-05	5.6E-04			
64	8.5625E-07	5.5251E-07	2.50E-04	1.38E-10	14.00	1.15E-02	2.22E-11	1,000,000	2.22E-05	4.3E-04			
65	8.5625E-07	5.2649E-07	2.50E-04	1.32E-10	14.00	1.15E-02	2.12E-11	1,000,000	2.12E-05	4.1E-04			
66	8.5625E-07	5.0054E-07	2.50E-04	1.25E-10	14.00	1.15E-02	2.01E-11	1,000,000	2.01E-05	3.9E-04			

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 1

	Cancer Risk 14 to 30 years												
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million	Total Risk		Max	Receptor #
67	8.5625E-07	4.7598E-07	2.50E-04	1.19E-10	14.00	1.15E-02	1.91E-11	1,000,000	1.91E-05	3.7E-04			
68	8.5625E-07	4.5385E-07	2.50E-04	1.14E-10	14.00	1.15E-02	1.82E-11	1,000,000	1.82E-05	3.5E-04			
69	8.5625E-07	4.3154E-07	2.50E-04	1.08E-10	14.00	1.15E-02	1.73E-11	1,000,000	1.73E-05	3.4E-04			
70	8.5625E-07	1.2004E-06	2.50E-04	3.00E-10	14.00	1.15E-02	4.82E-11	1,000,000	4.82E-05	9.4E-04			
71	8.5625E-07	1.1412E-06	2.50E-04	2.86E-10	14.00	1.15E-02	4.59E-11	1,000,000	4.59E-05	8.9E-04			
72	8.5625E-07	1.0775E-06	2.50E-04	2.70E-10	14.00	1.15E-02	4.33E-11	1,000,000	4.33E-05	8.4E-04			
73	8.5625E-07	1.0142E-06	2.50E-04	2.54E-10	14.00	1.15E-02	4.08E-11	1,000,000	4.08E-05	7.9E-04			
74	8.5625E-07	9.5885E-07	2.50E-04	2.40E-10	14.00	1.15E-02	3.85E-11	1,000,000	3.85E-05	7.5E-04			
75	8.5625E-07	9.0529E-07	2.50E-04	2.27E-10	14.00	1.15E-02	3.64E-11	1,000,000	3.64E-05	7.1E-04			
76	8.5625E-07	8.5104E-07	2.50E-04	2.13E-10	14.00	1.15E-02	3.42E-11	1,000,000	3.42E-05	6.7E-04			
77	8.5625E-07	8.0597E-07	2.50E-04	2.02E-10	14.00	1.15E-02	3.24E-11	1,000,000	3.24E-05	6.3E-04			
78	8.5625E-07	5.7968E-07	2.50E-04	1.45E-10	14.00	1.15E-02	2.33E-11	1,000,000	2.33E-05	4.5E-04			
79	8.5625E-07	5.4873E-07	2.50E-04	1.37E-10	14.00	1.15E-02	2.21E-11	1,000,000	2.21E-05	4.3E-04			
80	8.5625E-07	5.208E-07	2.50E-04	1.30E-10	14.00	1.15E-02	2.09E-11	1,000,000	2.09E-05	4.1E-04			
81	8.5625E-07	4.9502E-07	2.50E-04	1.24E-10	14.00	1.15E-02	1.99E-11	1,000,000	1.99E-05	3.9E-04			
82	8.5625E-07	4.6958E-07	2.50E-04	1.18E-10	14.00	1.15E-02	1.89E-11	1,000,000	1.89E-05	3.7E-04			
83	8.5625E-07	1.4635E-06	2.50E-04	3.66E-10	14.00	1.15E-02	5.88E-11	1,000,000	5.88E-05	1.1E-03			
84	8.5625E-07	1.3592E-06	2.50E-04	3.40E-10	14.00	1.15E-02	5.46E-11	1,000,000	5.46E-05	1.1E-03			
85	8.5625E-07	1.2741E-06	2.50E-04	3.19E-10	14.00	1.15E-02	5.12E-11	1,000,000	5.12E-05	1.0E-03			
86	8.5625E-07	1.1878E-06	2.50E-04	2.97E-10	14.00	1.15E-02	4.77E-11	1,000,000	4.77E-05	9.3E-04			
87	8.5625E-07	1.1125E-06	2.50E-04	2.78E-10	14.00	1.15E-02	4.47E-11	1,000,000	4.47E-05	8.7E-04			
88	8.5625E-07	1.0451E-06	2.50E-04	2.62E-10	14.00	1.15E-02	4.20E-11	1,000,000	4.20E-05	8.2E-04			
89	8.5625E-07	9.7786E-07	2.50E-04	2.45E-10	14.00	1.15E-02	3.93E-11	1,000,000	3.93E-05	7.6E-04			
90	8.5625E-07	9.1847E-07	2.50E-04	2.30E-10	14.00	1.15E-02	3.69E-11	1,000,000	3.69E-05	7.2E-04			
91	8.5625E-07	8.6597E-07	2.50E-04	2.17E-10	14.00	1.15E-02	3.48E-11	1,000,000	3.48E-05	6.8E-04			
92	8.5625E-07	6.8019E-07	2.50E-04	1.70E-10	14.00	1.15E-02	2.73E-11	1,000,000	2.73E-05	5.3E-04			
93	8.5625E-07	6.428E-07	2.50E-04	1.61E-10	14.00	1.15E-02	2.58E-11	1,000,000	2.58E-05	5.0E-04			
94	8.5625E-07	6.0623E-07	2.50E-04	1.52E-10	14.00	1.15E-02	2.44E-11	1,000,000	2.44E-05	4.7E-04			
95	8.5625E-07	5.7363E-07	2.50E-04	1.44E-10	14.00	1.15E-02	2.31E-11	1,000,000	2.31E-05	4.5E-04			
96	8.5625E-07	5.4339E-07	2.50E-04	1.36E-10	14.00	1.15E-02	2.18E-11	1,000,000	2.18E-05	4.2E-04			
97	8.5625E-07	5.1404E-07	2.50E-04	1.29E-10	14.00	1.15E-02	2.07E-11	1,000,000	2.07E-05	4.0E-04			
98	8.5625E-07	1.652E-06	2.50E-04	4.13E-10	14.00	1.15E-02	6.64E-11	1,000,000	6.64E-05	1.3E-03			
99	8.5625E-07	1.5379E-06	2.50E-04	3.85E-10	14.00	1.15E-02	6.18E-11	1,000,000	6.18E-05	1.2E-03			

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 1

	Cancer Risk 14 to 30 years												
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million	Total Risk		Max	Receptor #
100	8.5625E-07	1.426E-06	2.50E-04	3.57E-10	14.00	1.15E-02	5.73E-11	1,000,000	5.73E-05	1.1E-03			
101	8.5625E-07	1.3141E-06	2.50E-04	3.29E-10	14.00	1.15E-02	5.28E-11	1,000,000	5.28E-05	1.0E-03			
102	8.5625E-07	1.2261E-06	2.50E-04	3.07E-10	14.00	1.15E-02	4.93E-11	1,000,000	4.93E-05	9.6E-04			
103	8.5625E-07	1.1419E-06	2.50E-04	2.86E-10	14.00	1.15E-02	4.59E-11	1,000,000	4.59E-05	8.9E-04			
104	8.5625E-07	1.0612E-06	2.50E-04	2.66E-10	14.00	1.15E-02	4.27E-11	1,000,000	4.27E-05	8.3E-04			
105	8.5625E-07	9.9517E-07	2.50E-04	2.49E-10	14.00	1.15E-02	4.00E-11	1,000,000	4.00E-05	7.8E-04			
106	8.5625E-07	7.6555E-07	2.50E-04	1.92E-10	14.00	1.15E-02	3.08E-11	1,000,000	3.08E-05	6.0E-04			
107	8.5625E-07	7.193E-07	2.50E-04	1.80E-10	14.00	1.15E-02	2.89E-11	1,000,000	2.89E-05	5.6E-04			
108	8.5625E-07	6.7569E-07	2.50E-04	1.69E-10	14.00	1.15E-02	2.72E-11	1,000,000	2.72E-05	5.3E-04			
109	8.5625E-07	6.3589E-07	2.50E-04	1.59E-10	14.00	1.15E-02	2.56E-11	1,000,000	2.56E-05	5.0E-04			
110	8.5625E-07	5.9998E-07	2.50E-04	1.50E-10	14.00	1.15E-02	2.41E-11	1,000,000	2.41E-05	4.7E-04			
111	8.5625E-07	5.6514E-07	2.50E-04	1.41E-10	14.00	1.15E-02	2.27E-11	1,000,000	2.27E-05	4.4E-04			
112	8.5625E-07	1.9066E-06	2.50E-04	4.77E-10	14.00	1.15E-02	7.66E-11	1,000,000	7.66E-05	1.5E-03			
113	8.5625E-07	1.7479E-06	2.50E-04	4.37E-10	14.00	1.15E-02	7.03E-11	1,000,000	7.03E-05	1.4E-03			
114	8.5625E-07	1.5934E-06	2.50E-04	3.99E-10	14.00	1.15E-02	6.40E-11	1,000,000	6.40E-05	1.2E-03			
115	8.5625E-07	1.464E-06	2.50E-04	3.66E-10	14.00	1.15E-02	5.88E-11	1,000,000	5.88E-05	1.1E-03			
116	8.5625E-07	1.3532E-06	2.50E-04	3.39E-10	14.00	1.15E-02	5.44E-11	1,000,000	5.44E-05	1.1E-03			
117	8.5625E-07	1.2463E-06	2.50E-04	3.12E-10	14.00	1.15E-02	5.01E-11	1,000,000	5.01E-05	9.7E-04			
118	8.5625E-07	1.1545E-06	2.50E-04	2.89E-10	14.00	1.15E-02	4.64E-11	1,000,000	4.64E-05	9.0E-04			
119	8.5625E-07	1.0754E-06	2.50E-04	2.69E-10	14.00	1.15E-02	4.32E-11	1,000,000	4.32E-05	8.4E-04			
120	8.5625E-07	8.7102E-07	2.50E-04	2.18E-10	14.00	1.15E-02	3.50E-11	1,000,000	3.50E-05	6.8E-04			
121	8.5625E-07	8.1068E-07	2.50E-04	2.03E-10	14.00	1.15E-02	3.26E-11	1,000,000	3.26E-05	6.3E-04			
122	8.5625E-07	7.5893E-07	2.50E-04	1.90E-10	14.00	1.15E-02	3.05E-11	1,000,000	3.05E-05	5.9E-04			
123	8.5625E-07	7.1033E-07	2.50E-04	1.78E-10	14.00	1.15E-02	2.86E-11	1,000,000	2.86E-05	5.6E-04			
124	8.5625E-07	6.6633E-07	2.50E-04	1.67E-10	14.00	1.15E-02	2.68E-11	1,000,000	2.68E-05	5.2E-04			
125	8.5625E-07	6.2524E-07	2.50E-04	1.56E-10	14.00	1.15E-02	2.51E-11	1,000,000	2.51E-05	4.9E-04			
126	8.5625E-07	2.4351E-06	2.50E-04	6.09E-10	14.00	1.15E-02	9.79E-11	1,000,000	9.79E-05	1.9E-03			
127	8.5625E-07	2.1895E-06	2.50E-04	5.48E-10	14.00	1.15E-02	8.80E-11	1,000,000	8.80E-05	1.7E-03			
128	8.5625E-07	1.9757E-06	2.50E-04	4.94E-10	14.00	1.15E-02	7.94E-11	1,000,000	7.94E-05	1.5E-03			
129	8.5625E-07	1.7782E-06	2.50E-04	4.45E-10	14.00	1.15E-02	7.15E-11	1,000,000	7.15E-05	1.4E-03			
130	8.5625E-07	1.6224E-06	2.50E-04	4.06E-10	14.00	1.15E-02	6.52E-11	1,000,000	6.52E-05	1.3E-03			
131	8.5625E-07	1.4821E-06	2.50E-04	3.71E-10	14.00	1.15E-02	5.96E-11	1,000,000	5.96E-05	1.2E-03			
132	8.5625E-07	1.3538E-06	2.50E-04	3.39E-10	14.00	1.15E-02	5.44E-11	1,000,000	5.44E-05	1.1E-03			

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 1

	Cancer Risk 14 to 30 years												
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million	Total Risk		Max	Receptor #
133	8.5625E-07	1.2508E-06	2.50E-04	3.13E-10	14.00	1.15E-02	5.03E-11	1,000,000	5.03E-05	9.8E-04			
134	8.5625E-07	9.1492E-07	2.50E-04	2.29E-10	14.00	1.15E-02	3.68E-11	1,000,000	3.68E-05	7.2E-04			
135	8.5625E-07	8.5409E-07	2.50E-04	2.14E-10	14.00	1.15E-02	3.43E-11	1,000,000	3.43E-05	6.7E-04			
136	8.5625E-07	7.974E-07	2.50E-04	2.00E-10	14.00	1.15E-02	3.21E-11	1,000,000	3.21E-05	6.2E-04			
137	8.5625E-07	7.4387E-07	2.50E-04	1.86E-10	14.00	1.15E-02	2.99E-11	1,000,000	2.99E-05	5.8E-04			
138	8.5625E-07	6.9431E-07	2.50E-04	1.74E-10	14.00	1.15E-02	2.79E-11	1,000,000	2.79E-05	5.4E-04			
139	8.5625E-07	2.7927E-06	2.50E-04	6.99E-10	14.00	1.15E-02	1.12E-10	1,000,000	1.12E-04	2.2E-03			
140	8.5625E-07	2.4743E-06	2.50E-04	6.19E-10	14.00	1.15E-02	9.95E-11	1,000,000	9.95E-05	1.9E-03			
141	8.5625E-07	2.1927E-06	2.50E-04	5.49E-10	14.00	1.15E-02	8.81E-11	1,000,000	8.81E-05	1.7E-03			
142	8.5625E-07	1.9616E-06	2.50E-04	4.91E-10	14.00	1.15E-02	7.88E-11	1,000,000	7.88E-05	1.5E-03			
143	8.5625E-07	1.7755E-06	2.50E-04	4.44E-10	14.00	1.15E-02	7.14E-11	1,000,000	7.14E-05	1.4E-03			
144	8.5625E-07	1.6067E-06	2.50E-04	4.02E-10	14.00	1.15E-02	6.46E-11	1,000,000	6.46E-05	1.3E-03			
145	8.5625E-07	1.4634E-06	2.50E-04	3.66E-10	14.00	1.15E-02	5.88E-11	1,000,000	5.88E-05	1.1E-03			
146	8.5625E-07	1.3439E-06	2.50E-04	3.36E-10	14.00	1.15E-02	5.40E-11	1,000,000	5.40E-05	1.1E-03			
147	8.5625E-07	1.0436E-06	2.50E-04	2.61E-10	14.00	1.15E-02	4.19E-11	1,000,000	4.19E-05	8.2E-04			
148	8.5625E-07	9.6714E-07	2.50E-04	2.42E-10	14.00	1.15E-02	3.89E-11	1,000,000	3.89E-05	7.6E-04			
149	8.5625E-07	8.9725E-07	2.50E-04	2.25E-10	14.00	1.15E-02	3.61E-11	1,000,000	3.61E-05	7.0E-04			
150	8.5625E-07	8.3351E-07	2.50E-04	2.09E-10	14.00	1.15E-02	3.35E-11	1,000,000	3.35E-05	6.5E-04			
151	8.5625E-07	7.7445E-07	2.50E-04	1.94E-10	14.00	1.15E-02	3.11E-11	1,000,000	3.11E-05	6.1E-04			
152	8.5625E-07	3.593E-06	2.50E-04	8.99E-10	14.00	1.15E-02	1.44E-10	1,000,000	1.44E-04	2.8E-03			
153	8.5625E-07	3.1053E-06	2.50E-04	7.77E-10	14.00	1.15E-02	1.25E-10	1,000,000	1.25E-04	2.4E-03			
154	8.5625E-07	2.7145E-06	2.50E-04	6.79E-10	14.00	1.15E-02	1.09E-10	1,000,000	1.09E-04	2.1E-03			
155	8.5625E-07	2.3883E-06	2.50E-04	5.98E-10	14.00	1.15E-02	9.60E-11	1,000,000	9.60E-05	1.9E-03			
156	8.5625E-07	2.1328E-06	2.50E-04	5.34E-10	14.00	1.15E-02	8.57E-11	1,000,000	8.57E-05	1.7E-03			
157	8.5625E-07	1.9167E-06	2.50E-04	4.80E-10	14.00	1.15E-02	7.70E-11	1,000,000	7.70E-05	1.5E-03			
158	8.5625E-07	1.7284E-06	2.50E-04	4.33E-10	14.00	1.15E-02	6.95E-11	1,000,000	6.95E-05	1.4E-03			
159	8.5625E-07	1.5669E-06	2.50E-04	3.92E-10	14.00	1.15E-02	6.30E-11	1,000,000	6.30E-05	1.2E-03			
160	8.5625E-07	1.4233E-06	2.50E-04	3.56E-10	14.00	1.15E-02	5.72E-11	1,000,000	5.72E-05	1.1E-03			
161	8.5625E-07	1.3011E-06	2.50E-04	3.26E-10	14.00	1.15E-02	5.23E-11	1,000,000	5.23E-05	1.0E-03			
162	8.5625E-07	1.1914E-06	2.50E-04	2.98E-10	14.00	1.15E-02	4.79E-11	1,000,000	4.79E-05	9.3E-04			
163	8.5625E-07	1.0951E-06	2.50E-04	2.74E-10	14.00	1.15E-02	4.40E-11	1,000,000	4.40E-05	8.6E-04			
164	8.5625E-07	1.0103E-06	2.50E-04	2.53E-10	14.00	1.15E-02	4.06E-11	1,000,000	4.06E-05	7.9E-04			
165	8.5625E-07	9.362E-07	2.50E-04	2.34E-10	14.00	1.15E-02	3.76E-11	1,000,000	3.76E-05	7.3E-04			

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 1

	Cancer Risk 14 to 30 years												
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million	Total Risk		Max	Receptor #
166	8.5625E-07	8.6684E-07	2.50E-04	2.17E-10	14.00	1.15E-02	3.48E-11	1,000,000	3.48E-05	6.8E-04			
167	8.5625E-07	3.9085E-06	2.50E-04	9.78E-10	14.00	1.15E-02	1.57E-10	1,000,000	1.57E-04	3.1E-03			
168	8.5625E-07	3.3733E-06	2.50E-04	8.44E-10	14.00	1.15E-02	1.36E-10	1,000,000	1.36E-04	2.6E-03			
169	8.5625E-07	2.9336E-06	2.50E-04	7.34E-10	14.00	1.15E-02	1.18E-10	1,000,000	1.18E-04	2.3E-03			
170	8.5625E-07	2.5752E-06	2.50E-04	6.45E-10	14.00	1.15E-02	1.04E-10	1,000,000	1.04E-04	2.0E-03			
171	8.5625E-07	2.2887E-06	2.50E-04	5.73E-10	14.00	1.15E-02	9.20E-11	1,000,000	9.20E-05	1.8E-03			
172	8.5625E-07	2.0422E-06	2.50E-04	5.11E-10	14.00	1.15E-02	8.21E-11	1,000,000	8.21E-05	1.6E-03			
173	8.5625E-07	1.8284E-06	2.50E-04	4.58E-10	14.00	1.15E-02	7.35E-11	1,000,000	7.35E-05	1.4E-03			
174	8.5625E-07	1.6451E-06	2.50E-04	4.12E-10	14.00	1.15E-02	6.61E-11	1,000,000	6.61E-05	1.3E-03			
175	8.5625E-07	1.4935E-06	2.50E-04	3.74E-10	14.00	1.15E-02	6.00E-11	1,000,000	6.00E-05	1.2E-03			
176	8.5625E-07	1.3595E-06	2.50E-04	3.40E-10	14.00	1.15E-02	5.46E-11	1,000,000	5.46E-05	1.1E-03			
177	8.5625E-07	1.2429E-06	2.50E-04	3.11E-10	14.00	1.15E-02	5.00E-11	1,000,000	5.00E-05	9.7E-04			
178	8.5625E-07	1.1415E-06	2.50E-04	2.86E-10	14.00	1.15E-02	4.59E-11	1,000,000	4.59E-05	8.9E-04			
179	8.5625E-07	1.0524E-06	2.50E-04	2.63E-10	14.00	1.15E-02	4.23E-11	1,000,000	4.23E-05	8.2E-04			
180	8.5625E-07	9.6959E-07	2.50E-04	2.43E-10	14.00	1.15E-02	3.90E-11	1,000,000	3.90E-05	7.6E-04			
181	8.5625E-07	5.0483E-06	2.50E-04	1.26E-09	14.00	1.15E-02	2.03E-10	1,000,000	2.03E-04	3.9E-03			
182	8.5625E-07	4.2324E-06	2.50E-04	1.06E-09	14.00	1.15E-02	1.70E-10	1,000,000	1.70E-04	3.3E-03			
183	8.5625E-07	3.633E-06	2.50E-04	9.09E-10	14.00	1.15E-02	1.46E-10	1,000,000	1.46E-04	2.8E-03			
184	8.5625E-07	3.1414E-06	2.50E-04	7.86E-10	14.00	1.15E-02	1.26E-10	1,000,000	1.26E-04	2.5E-03			
185	8.5625E-07	2.7473E-06	2.50E-04	6.88E-10	14.00	1.15E-02	1.10E-10	1,000,000	1.10E-04	2.1E-03			
186	8.5625E-07	2.4235E-06	2.50E-04	6.07E-10	14.00	1.15E-02	9.74E-11	1,000,000	9.74E-05	1.9E-03			
187	8.5625E-07	2.1489E-06	2.50E-04	5.38E-10	14.00	1.15E-02	8.64E-11	1,000,000	8.64E-05	1.7E-03			
188	8.5625E-07	1.9191E-06	2.50E-04	4.80E-10	14.00	1.15E-02	7.71E-11	1,000,000	7.71E-05	1.5E-03			
189	8.5625E-07	1.7257E-06	2.50E-04	4.32E-10	14.00	1.15E-02	6.94E-11	1,000,000	6.94E-05	1.3E-03			
190	8.5625E-07	1.5597E-06	2.50E-04	3.90E-10	14.00	1.15E-02	6.27E-11	1,000,000	6.27E-05	1.2E-03			
191	8.5625E-07	1.416E-06	2.50E-04	3.54E-10	14.00	1.15E-02	5.69E-11	1,000,000	5.69E-05	1.1E-03			
192	8.5625E-07	1.2907E-06	2.50E-04	3.23E-10	14.00	1.15E-02	5.19E-11	1,000,000	5.19E-05	1.0E-03			
193	8.5625E-07	1.1817E-06	2.50E-04	2.96E-10	14.00	1.15E-02	4.75E-11	1,000,000	4.75E-05	9.2E-04			
194	8.5625E-07	1.082E-06	2.50E-04	2.71E-10	14.00	1.15E-02	4.35E-11	1,000,000	4.35E-05	8.5E-04			
195	8.5625E-07	5.3752E-06	2.50E-04	1.35E-09	14.00	1.15E-02	2.16E-10	1,000,000	2.16E-04	4.2E-03			
196	8.5625E-07	4.5251E-06	2.50E-04	1.13E-09	14.00	1.15E-02	1.82E-10	1,000,000	1.82E-04	3.5E-03			
197	8.5625E-07	3.8522E-06	2.50E-04	9.64E-10	14.00	1.15E-02	1.55E-10	1,000,000	1.55E-04	3.0E-03			
198	8.5625E-07	3.3017E-06	2.50E-04	8.26E-10	14.00	1.15E-02	1.33E-10	1,000,000	1.33E-04	2.6E-03			

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 1

	Cancer Risk 14 to 30 years												
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million	Total Risk		Max	Receptor #
199	8.5625E-07	2.8702E-06	2.50E-04	7.18E-10	14.00	1.15E-02	1.15E-10	1,000,000	1.15E-04	2.2E-03			
200	8.5625E-07	2.518E-06	2.50E-04	6.30E-10	14.00	1.15E-02	1.01E-10	1,000,000	1.01E-04	2.0E-03			
201	8.5625E-07	2.2278E-06	2.50E-04	5.58E-10	14.00	1.15E-02	8.95E-11	1,000,000	8.95E-05	1.7E-03			
202	8.5625E-07	1.9847E-06	2.50E-04	4.97E-10	14.00	1.15E-02	7.98E-11	1,000,000	7.98E-05	1.6E-03			
203	8.5625E-07	1.7794E-06	2.50E-04	4.45E-10	14.00	1.15E-02	7.15E-11	1,000,000	7.15E-05	1.4E-03			
204	8.5625E-07	1.6033E-06	2.50E-04	4.01E-10	14.00	1.15E-02	6.44E-11	1,000,000	6.44E-05	1.3E-03			
205	8.5625E-07	1.451E-06	2.50E-04	3.63E-10	14.00	1.15E-02	5.83E-11	1,000,000	5.83E-05	1.1E-03			
206	8.5625E-07	1.3205E-06	2.50E-04	3.30E-10	14.00	1.15E-02	5.31E-11	1,000,000	5.31E-05	1.0E-03			
207	8.5625E-07	1.2039E-06	2.50E-04	3.01E-10	14.00	1.15E-02	4.84E-11	1,000,000	4.84E-05	9.4E-04			
208	8.5625E-07	5.6381E-06	2.50E-04	1.41E-09	14.00	1.15E-02	2.27E-10	1,000,000	2.27E-04	4.4E-03			
209	8.5625E-07	4.7061E-06	2.50E-04	1.18E-09	14.00	1.15E-02	1.89E-10	1,000,000	1.89E-04	3.7E-03			
210	8.5625E-07	3.9785E-06	2.50E-04	9.96E-10	14.00	1.15E-02	1.60E-10	1,000,000	1.60E-04	3.1E-03			
211	8.5625E-07	3.4017E-06	2.50E-04	8.51E-10	14.00	1.15E-02	1.37E-10	1,000,000	1.37E-04	2.7E-03			
212	8.5625E-07	2.9455E-06	2.50E-04	7.37E-10	14.00	1.15E-02	1.18E-10	1,000,000	1.18E-04	2.3E-03			
213	8.5625E-07	2.5774E-06	2.50E-04	6.45E-10	14.00	1.15E-02	1.04E-10	1,000,000	1.04E-04	2.0E-03			
214	8.5625E-07	2.2741E-06	2.50E-04	5.69E-10	14.00	1.15E-02	9.14E-11	1,000,000	9.14E-05	1.8E-03			
215	8.5625E-07	2.0189E-06	2.50E-04	5.05E-10	14.00	1.15E-02	8.11E-11	1,000,000	8.11E-05	1.6E-03			
216	8.5625E-07	1.8059E-06	2.50E-04	4.52E-10	14.00	1.15E-02	7.26E-11	1,000,000	7.26E-05	1.4E-03			
217	8.5625E-07	1.6247E-06	2.50E-04	4.07E-10	14.00	1.15E-02	6.53E-11	1,000,000	6.53E-05	1.3E-03			
218	8.5625E-07	1.4698E-06	2.50E-04	3.68E-10	14.00	1.15E-02	5.91E-11	1,000,000	5.91E-05	1.1E-03			
219	8.5625E-07	1.3345E-06	2.50E-04	3.34E-10	14.00	1.15E-02	5.36E-11	1,000,000	5.36E-05	1.0E-03			
220	8.5625E-07	3.441E-06	2.50E-04	8.61E-10	14.00	1.15E-02	1.38E-10	1,000,000	1.38E-04	2.7E-03			
221	8.5625E-07	2.9769E-06	2.50E-04	7.45E-10	14.00	1.15E-02	1.20E-10	1,000,000	1.20E-04	2.3E-03			
222	8.5625E-07	2.6009E-06	2.50E-04	6.51E-10	14.00	1.15E-02	1.05E-10	1,000,000	1.05E-04	2.0E-03			
223	8.5625E-07	2.2902E-06	2.50E-04	5.73E-10	14.00	1.15E-02	9.21E-11	1,000,000	9.21E-05	1.8E-03			
224	8.5625E-07	2.0311E-06	2.50E-04	5.08E-10	14.00	1.15E-02	8.16E-11	1,000,000	8.16E-05	1.6E-03			
225	8.5625E-07	1.8143E-06	2.50E-04	4.54E-10	14.00	1.15E-02	7.29E-11	1,000,000	7.29E-05	1.4E-03			
226	8.5625E-07	1.6297E-06	2.50E-04	4.08E-10	14.00	1.15E-02	6.55E-11	1,000,000	6.55E-05	1.3E-03			
227	8.5625E-07	1.4707E-06	2.50E-04	3.68E-10	14.00	1.15E-02	5.91E-11	1,000,000	5.91E-05	1.1E-03			
228	8.5625E-07	3.4116E-06	2.50E-04	8.54E-10	14.00	1.15E-02	1.37E-10	1,000,000	1.37E-04	2.7E-03			
229	8.5625E-07	2.9492E-06	2.50E-04	7.38E-10	14.00	1.15E-02	1.19E-10	1,000,000	1.19E-04	2.3E-03			
230	8.5625E-07	2.5745E-06	2.50E-04	6.44E-10	14.00	1.15E-02	1.03E-10	1,000,000	1.03E-04	2.0E-03			
231	8.5625E-07	2.2649E-06	2.50E-04	5.67E-10	14.00	1.15E-02	9.10E-11	1,000,000	9.10E-05	1.8E-03			

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 1

	Cancer Risk 14 to 30 years												
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million	Total Risk		Max	Receptor #
232	8.5625E-07	2.0092E-06	2.50E-04	5.03E-10	14.00	1.15E-02	8.08E-11	1,000,000	8.08E-05	1.6E-03			
233	8.5625E-07	1.7937E-06	2.50E-04	4.49E-10	14.00	1.15E-02	7.21E-11	1,000,000	7.21E-05	1.4E-03			
234	8.5625E-07	1.6107E-06	2.50E-04	4.03E-10	14.00	1.15E-02	6.47E-11	1,000,000	6.47E-05	1.3E-03			
235	8.5625E-07	6.2146E-06	2.50E-04	1.56E-09	14.00	1.15E-02	2.50E-10	1,000,000	2.50E-04	4.9E-03			
236	8.5625E-07	6.3098E-06	2.50E-04	1.58E-09	14.00	1.15E-02	2.54E-10	1,000,000	2.54E-04	4.9E-03			
237	8.5625E-07	5.2109E-06	2.50E-04	1.30E-09	14.00	1.15E-02	2.09E-10	1,000,000	2.09E-04	4.1E-03			
238	8.5625E-07	4.3683E-06	2.50E-04	1.09E-09	14.00	1.15E-02	1.76E-10	1,000,000	1.76E-04	3.4E-03			
239	8.5625E-07	6.2686E-06	2.50E-04	1.57E-09	14.00	1.15E-02	2.52E-10	1,000,000	2.52E-04	4.9E-03			
240	8.5625E-07	5.1629E-06	2.50E-04	1.29E-09	14.00	1.15E-02	2.08E-10	1,000,000	2.08E-04	4.0E-03			
241	8.5625E-07	4.3345E-06	2.50E-04	1.08E-09	14.00	1.15E-02	1.74E-10	1,000,000	1.74E-04	3.4E-03			
242	8.5625E-07	3.6834E-06	2.50E-04	9.22E-10	14.00	1.15E-02	1.48E-10	1,000,000	1.48E-04	2.9E-03			

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 1

	Cancer Risk 14 to 30 years												
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million	Total Risk		Max	Receptor #
243	8.5625E-07	5.7973E-07	2.50E-04	1.45E-10	14.00	1.15E-02	2.33E-11	1,000,000	2.33E-05	4.5E-04			
244	8.5625E-07	5.6728E-07	2.50E-04	1.42E-10	14.00	1.15E-02	2.28E-11	1,000,000	2.28E-05	4.4E-04			
245	8.5625E-07	5.5748E-07	2.50E-04	1.40E-10	14.00	1.15E-02	2.24E-11	1,000,000	2.24E-05	4.4E-04			
246	8.5625E-07	5.488E-07	2.50E-04	1.37E-10	14.00	1.15E-02	2.21E-11	1,000,000	2.21E-05	4.3E-04			
247	8.5625E-07	5.3927E-07	2.50E-04	1.35E-10	14.00	1.15E-02	2.17E-11	1,000,000	2.17E-05	4.2E-04			
248	8.5625E-07	5.2872E-07	2.50E-04	1.32E-10	14.00	1.15E-02	2.13E-11	1,000,000	2.13E-05	4.1E-04			
249	8.5625E-07	5.1678E-07	2.50E-04	1.29E-10	14.00	1.15E-02	2.08E-11	1,000,000	2.08E-05	4.0E-04			
250	8.5625E-07	5.0393E-07	2.50E-04	1.26E-10	14.00	1.15E-02	2.03E-11	1,000,000	2.03E-05	3.9E-04			
251	8.5625E-07	4.9057E-07	2.50E-04	1.23E-10	14.00	1.15E-02	1.97E-11	1,000,000	1.97E-05	3.8E-04			
252	8.5625E-07	5.5149E-07	2.50E-04	1.38E-10	14.00	1.15E-02	2.22E-11	1,000,000	2.22E-05	4.3E-04			
253	8.5625E-07	5.3511E-07	2.50E-04	1.34E-10	14.00	1.15E-02	2.15E-11	1,000,000	2.15E-05	4.2E-04			
254	8.5625E-07	5.2253E-07	2.50E-04	1.31E-10	14.00	1.15E-02	2.10E-11	1,000,000	2.10E-05	4.1E-04			
255	8.5625E-07	5.1288E-07	2.50E-04	1.28E-10	14.00	1.15E-02	2.06E-11	1,000,000	2.06E-05	4.0E-04			
256	8.5625E-07	5.0513E-07	2.50E-04	1.26E-10	14.00	1.15E-02	2.03E-11	1,000,000	2.03E-05	3.9E-04			
257	8.5625E-07	4.9742E-07	2.50E-04	1.24E-10	14.00	1.15E-02	2.00E-11	1,000,000	2.00E-05	3.9E-04			
258	8.5625E-07	4.8982E-07	2.50E-04	1.23E-10	14.00	1.15E-02	1.97E-11	1,000,000	1.97E-05	3.8E-04			
259	8.5625E-07	4.8093E-07	2.50E-04	1.20E-10	14.00	1.15E-02	1.93E-11	1,000,000	1.93E-05	3.8E-04			
260	8.5625E-07	4.7125E-07	2.50E-04	1.18E-10	14.00	1.15E-02	1.89E-11	1,000,000	1.89E-05	3.7E-04			
261	8.5625E-07	4.6081E-07	2.50E-04	1.15E-10	14.00	1.15E-02	1.85E-11	1,000,000	1.85E-05	3.6E-04			
262	8.5625E-07	4.5004E-07	2.50E-04	1.13E-10	14.00	1.15E-02	1.81E-11	1,000,000	1.81E-05	3.5E-04			
263	8.5625E-07	4.9949E-07	2.50E-04	1.25E-10	14.00	1.15E-02	2.01E-11	1,000,000	2.01E-05	3.9E-04			
264	8.5625E-07	4.8466E-07	2.50E-04	1.21E-10	14.00	1.15E-02	1.95E-11	1,000,000	1.95E-05	3.8E-04			
265	8.5625E-07	4.7404E-07	2.50E-04	1.19E-10	14.00	1.15E-02	1.91E-11	1,000,000	1.91E-05	3.7E-04			
266	8.5625E-07	4.6562E-07	2.50E-04	1.17E-10	14.00	1.15E-02	1.87E-11	1,000,000	1.87E-05	3.6E-04			
267	8.5625E-07	4.5904E-07	2.50E-04	1.15E-10	14.00	1.15E-02	1.85E-11	1,000,000	1.85E-05	3.6E-04			
268	8.5625E-07	4.5261E-07	2.50E-04	1.13E-10	14.00	1.15E-02	1.82E-11	1,000,000	1.82E-05	3.5E-04			
269	8.5625E-07	4.4653E-07	2.50E-04	1.12E-10	14.00	1.15E-02	1.79E-11	1,000,000	1.79E-05	3.5E-04			
270	8.5625E-07	4.3946E-07	2.50E-04	1.10E-10	14.00	1.15E-02	1.77E-11	1,000,000	1.77E-05	3.4E-04			
271	8.5625E-07	4.3184E-07	2.50E-04	1.08E-10	14.00	1.15E-02	1.74E-11	1,000,000	1.74E-05	3.4E-04			
272	8.5625E-07	4.2336E-07	2.50E-04	1.06E-10	14.00	1.15E-02	1.70E-11	1,000,000	1.70E-05	3.3E-04			
273	8.5625E-07	4.1436E-07	2.50E-04	1.04E-10	14.00	1.15E-02	1.67E-11	1,000,000	1.67E-05	3.2E-04			
274	8.5625E-07	4.0405E-07	2.50E-04	1.01E-10	14.00	1.15E-02	1.62E-11	1,000,000	1.62E-05	3.2E-04			
275	8.5625E-07	4.5413E-07	2.50E-04	1.14E-10	14.00	1.15E-02	1.83E-11	1,000,000	1.83E-05	3.5E-04			

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 1

	Cancer Risk 14 to 30 years												
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million	Total Risk		Max	Receptor #
276	8.5625E-07	4.4176E-07	2.50E-04	1.11E-10	14.00	1.15E-02	1.78E-11	1,000,000	1.78E-05	3.5E-04			
277	8.5625E-07	4.3228E-07	2.50E-04	1.08E-10	14.00	1.15E-02	1.74E-11	1,000,000	1.74E-05	3.4E-04			
278	8.5625E-07	4.2499E-07	2.50E-04	1.06E-10	14.00	1.15E-02	1.71E-11	1,000,000	1.71E-05	3.3E-04			
279	8.5625E-07	4.1919E-07	2.50E-04	1.05E-10	14.00	1.15E-02	1.68E-11	1,000,000	1.68E-05	3.3E-04			
280	8.5625E-07	4.1398E-07	2.50E-04	1.04E-10	14.00	1.15E-02	1.66E-11	1,000,000	1.66E-05	3.2E-04			
281	8.5625E-07	4.0857E-07	2.50E-04	1.02E-10	14.00	1.15E-02	1.64E-11	1,000,000	1.64E-05	3.2E-04			
282	8.5625E-07	4.0305E-07	2.50E-04	1.01E-10	14.00	1.15E-02	1.62E-11	1,000,000	1.62E-05	3.2E-04			
283	8.5625E-07	3.9692E-07	2.50E-04	9.93E-11	14.00	1.15E-02	1.60E-11	1,000,000	1.60E-05	3.1E-04			
284	8.5625E-07	3.8996E-07	2.50E-04	9.76E-11	14.00	1.15E-02	1.57E-11	1,000,000	1.57E-05	3.0E-04			
285	8.5625E-07	3.8232E-07	2.50E-04	9.57E-11	14.00	1.15E-02	1.54E-11	1,000,000	1.54E-05	3.0E-04			
286	8.5625E-07	3.7417E-07	2.50E-04	9.36E-11	14.00	1.15E-02	1.50E-11	1,000,000	1.50E-05	2.9E-04			
287	8.5625E-07	4.1508E-07	2.50E-04	1.04E-10	14.00	1.15E-02	1.67E-11	1,000,000	1.67E-05	3.2E-04			
288	8.5625E-07	4.042E-07	2.50E-04	1.01E-10	14.00	1.15E-02	1.62E-11	1,000,000	1.62E-05	3.2E-04			
289	8.5625E-07	3.957E-07	2.50E-04	9.90E-11	14.00	1.15E-02	1.59E-11	1,000,000	1.59E-05	3.1E-04			
290	8.5625E-07	3.894E-07	2.50E-04	9.75E-11	14.00	1.15E-02	1.57E-11	1,000,000	1.57E-05	3.0E-04			
291	8.5625E-07	3.8421E-07	2.50E-04	9.62E-11	14.00	1.15E-02	1.54E-11	1,000,000	1.54E-05	3.0E-04			
292	8.5625E-07	3.8014E-07	2.50E-04	9.51E-11	14.00	1.15E-02	1.53E-11	1,000,000	1.53E-05	3.0E-04			
293	8.5625E-07	3.7566E-07	2.50E-04	9.40E-11	14.00	1.15E-02	1.51E-11	1,000,000	1.51E-05	2.9E-04			
294	8.5625E-07	3.7144E-07	2.50E-04	9.30E-11	14.00	1.15E-02	1.49E-11	1,000,000	1.49E-05	2.9E-04			
295	8.5625E-07	3.6647E-07	2.50E-04	9.17E-11	14.00	1.15E-02	1.47E-11	1,000,000	1.47E-05	2.9E-04			
296	8.5625E-07	3.6077E-07	2.50E-04	9.03E-11	14.00	1.15E-02	1.45E-11	1,000,000	1.45E-05	2.8E-04			
297	8.5625E-07	3.5431E-07	2.50E-04	8.87E-11	14.00	1.15E-02	1.42E-11	1,000,000	1.42E-05	2.8E-04			
298	8.5625E-07	3.4752E-07	2.50E-04	8.70E-11	14.00	1.15E-02	1.40E-11	1,000,000	1.40E-05	2.7E-04			
299	8.5625E-07	3.8102E-07	2.50E-04	9.54E-11	14.00	1.15E-02	1.53E-11	1,000,000	1.53E-05	3.0E-04			
300	8.5625E-07	3.7159E-07	2.50E-04	9.30E-11	14.00	1.15E-02	1.49E-11	1,000,000	1.49E-05	2.9E-04			
301	8.5625E-07	3.6395E-07	2.50E-04	9.11E-11	14.00	1.15E-02	1.46E-11	1,000,000	1.46E-05	2.8E-04			
302	8.5625E-07	3.5815E-07	2.50E-04	8.96E-11	14.00	1.15E-02	1.44E-11	1,000,000	1.44E-05	2.8E-04			
303	8.5625E-07	3.5408E-07	2.50E-04	8.86E-11	14.00	1.15E-02	1.42E-11	1,000,000	1.42E-05	2.8E-04			
304	8.5625E-07	3.4994E-07	2.50E-04	8.76E-11	14.00	1.15E-02	1.41E-11	1,000,000	1.41E-05	2.7E-04			
305	8.5625E-07	3.4669E-07	2.50E-04	8.68E-11	14.00	1.15E-02	1.39E-11	1,000,000	1.39E-05	2.7E-04			
306	8.5625E-07	3.4312E-07	2.50E-04	8.59E-11	14.00	1.15E-02	1.38E-11	1,000,000	1.38E-05	2.7E-04			
307	8.5625E-07	3.3921E-07	2.50E-04	8.49E-11	14.00	1.15E-02	1.36E-11	1,000,000	1.36E-05	2.7E-04			
308	8.5625E-07	3.3447E-07	2.50E-04	8.37E-11	14.00	1.15E-02	1.34E-11	1,000,000	1.34E-05	2.6E-04			

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 1

	Cancer Risk 14 to 30 years												
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million	Total Risk		Max	Receptor #
309	8.5625E-07	3.2903E-07	2.50E-04	8.23E-11	14.00	1.15E-02	1.32E-11	1,000,000	1.32E-05	2.6E-04			
310	8.5625E-07	3.2351E-07	2.50E-04	8.10E-11	14.00	1.15E-02	1.30E-11	1,000,000	1.30E-05	2.5E-04			
311	8.5625E-07	3.5131E-07	2.50E-04	8.79E-11	14.00	1.15E-02	1.41E-11	1,000,000	1.41E-05	2.7E-04			
312	8.5625E-07	3.4312E-07	2.50E-04	8.59E-11	14.00	1.15E-02	1.38E-11	1,000,000	1.38E-05	2.7E-04			
313	8.5625E-07	3.3672E-07	2.50E-04	8.43E-11	14.00	1.15E-02	1.35E-11	1,000,000	1.35E-05	2.6E-04			
314	8.5625E-07	3.3164E-07	2.50E-04	8.30E-11	14.00	1.15E-02	1.33E-11	1,000,000	1.33E-05	2.6E-04			
315	8.5625E-07	3.2722E-07	2.50E-04	8.19E-11	14.00	1.15E-02	1.32E-11	1,000,000	1.32E-05	2.6E-04			
316	8.5625E-07	3.232E-07	2.50E-04	8.09E-11	14.00	1.15E-02	1.30E-11	1,000,000	1.30E-05	2.5E-04			
317	8.5625E-07	3.2078E-07	2.50E-04	8.03E-11	14.00	1.15E-02	1.29E-11	1,000,000	1.29E-05	2.5E-04			
318	8.5625E-07	3.1762E-07	2.50E-04	7.95E-11	14.00	1.15E-02	1.28E-11	1,000,000	1.28E-05	2.5E-04			
319	8.5625E-07	3.1442E-07	2.50E-04	7.87E-11	14.00	1.15E-02	1.26E-11	1,000,000	1.26E-05	2.5E-04			
320	8.5625E-07	3.1042E-07	2.50E-04	7.77E-11	14.00	1.15E-02	1.25E-11	1,000,000	1.25E-05	2.4E-04			
321	8.5625E-07	3.0638E-07	2.50E-04	7.67E-11	14.00	1.15E-02	1.23E-11	1,000,000	1.23E-05	2.4E-04			
322	8.5625E-07	3.0182E-07	2.50E-04	7.55E-11	14.00	1.15E-02	1.21E-11	1,000,000	1.21E-05	2.4E-04			
323	8.5625E-07	3.25E-07	2.50E-04	8.13E-11	14.00	1.15E-02	1.31E-11	1,000,000	1.31E-05	2.5E-04			
324	8.5625E-07	3.1758E-07	2.50E-04	7.95E-11	14.00	1.15E-02	1.28E-11	1,000,000	1.28E-05	2.5E-04			
325	8.5625E-07	3.1164E-07	2.50E-04	7.80E-11	14.00	1.15E-02	1.25E-11	1,000,000	1.25E-05	2.4E-04			
326	8.5625E-07	3.0542E-07	2.50E-04	7.64E-11	14.00	1.15E-02	1.23E-11	1,000,000	1.23E-05	2.4E-04			
327	8.5625E-07	3.0369E-07	2.50E-04	7.60E-11	14.00	1.15E-02	1.22E-11	1,000,000	1.22E-05	2.4E-04			
328	8.5625E-07	3.0068E-07	2.50E-04	7.53E-11	14.00	1.15E-02	1.21E-11	1,000,000	1.21E-05	2.4E-04			
329	8.5625E-07	2.9923E-07	2.50E-04	7.49E-11	14.00	1.15E-02	1.20E-11	1,000,000	1.20E-05	2.3E-04			
330	8.5625E-07	2.9561E-07	2.50E-04	7.40E-11	14.00	1.15E-02	1.19E-11	1,000,000	1.19E-05	2.3E-04			
331	8.5625E-07	2.9238E-07	2.50E-04	7.32E-11	14.00	1.15E-02	1.18E-11	1,000,000	1.18E-05	2.3E-04			
332	8.5625E-07	2.8932E-07	2.50E-04	7.24E-11	14.00	1.15E-02	1.16E-11	1,000,000	1.16E-05	2.3E-04			
333	8.5625E-07	2.8584E-07	2.50E-04	7.15E-11	14.00	1.15E-02	1.15E-11	1,000,000	1.15E-05	2.2E-04			
334	8.5625E-07	2.8169E-07	2.50E-04	7.05E-11	14.00	1.15E-02	1.13E-11	1,000,000	1.13E-05	2.2E-04			
335	8.5625E-07	3.0153E-07	2.50E-04	7.55E-11	14.00	1.15E-02	1.21E-11	1,000,000	1.21E-05	2.4E-04			
336	8.5625E-07	2.9462E-07	2.50E-04	7.37E-11	14.00	1.15E-02	1.18E-11	1,000,000	1.18E-05	2.3E-04			
337	8.5625E-07	2.8938E-07	2.50E-04	7.24E-11	14.00	1.15E-02	1.16E-11	1,000,000	1.16E-05	2.3E-04			
338	8.5625E-07	2.8312E-07	2.50E-04	7.09E-11	14.00	1.15E-02	1.14E-11	1,000,000	1.14E-05	2.2E-04			
339	8.5625E-07	2.8184E-07	2.50E-04	7.05E-11	14.00	1.15E-02	1.13E-11	1,000,000	1.13E-05	2.2E-04			
340	8.5625E-07	2.7904E-07	2.50E-04	6.98E-11	14.00	1.15E-02	1.12E-11	1,000,000	1.12E-05	2.2E-04			
341	8.5625E-07	2.7852E-07	2.50E-04	6.97E-11	14.00	1.15E-02	1.12E-11	1,000,000	1.12E-05	2.2E-04			

Sywest Industrial Building - Alternative 3
Unmitigated - Operational - ED Risk - Haul 1

	Chronic Non Cancer Risk				
Receptor #	**REL**	**HI**		**Max**	**Receptor #**
1	5	2.04E-07		1.262E-06	236 Res
2	5	1.13E-07			
3	5	1.19E-07			
4	5	1.29E-07			
5	5	1.42E-07			
6	5	1.51E-07			
7	5	1.69E-07			
8	5	7.27E-08			
9	5	7.01E-08			
10	5	6.79E-08			
11	5	6.56E-08			
12	5	6.33E-08			
13	5	6.11E-08			
14	5	5.89E-08			
15	5	5.68E-08			
16	5	7.84E-08			
17	5	7.55E-08			
18	5	7.29E-08			
19	5	7.03E-08			
20	5	6.77E-08			
21	5	6.52E-08			
22	5	6.28E-08			
23	5	6.04E-08			
24	5	7.86E-08			
25	5	7.56E-08			
26	5	7.25E-08			
27	5	6.97E-08			
28	5	6.70E-08			
29	5	6.43E-08			
30	5	8.49E-08			
31	5	8.15E-08			
32	5	7.80E-08			
33	5	7.48E-08			

Sywest Industrial Building - Alternative 3
Unmitigated - Operational - ED Risk - Haul 1

	Chronic Non Cancer Risk				
Receptor #	**REL**	**HI**		**Max**	**Receptor #**
34	5	7.18E-08			
35	5	6.88E-08			
36	5	9.22E-08			
37	5	8.83E-08			
38	5	8.43E-08			
39	5	8.07E-08			
40	5	7.73E-08			
41	5	7.38E-08			
42	5	1.73E-07			
43	5	1.67E-07			
44	5	1.61E-07			
45	5	1.55E-07			
46	5	1.48E-07			
47	5	1.40E-07			
48	5	1.34E-07			
49	5	1.01E-07			
50	5	9.61E-08			
51	5	9.15E-08			
52	5	8.74E-08			
53	5	8.35E-08			
54	5	7.96E-08			
55	5	2.11E-07			
56	5	2.02E-07			
57	5	1.94E-07			
58	5	1.85E-07			
59	5	1.76E-07			
60	5	1.68E-07			
61	5	1.58E-07			
62	5	1.50E-07			
63	5	1.43E-07			
64	5	1.11E-07			
65	5	1.05E-07			
66	5	1.00E-07			

Sywest Industrial Building - Alternative 3
Unmitigated - Operational - ED Risk - Haul 1

	Chronic Non Cancer Risk				
Receptor #	**REL**	**HI**		**Max**	**Receptor #**
67	5	9.52E-08			
68	5	9.08E-08			
69	5	8.63E-08			
70	5	2.40E-07			
71	5	2.28E-07			
72	5	2.16E-07			
73	5	2.03E-07			
74	5	1.92E-07			
75	5	1.81E-07			
76	5	1.70E-07			
77	5	1.61E-07			
78	5	1.16E-07			
79	5	1.10E-07			
80	5	1.04E-07			
81	5	9.90E-08			
82	5	9.39E-08			
83	5	2.93E-07			
84	5	2.72E-07			
85	5	2.55E-07			
86	5	2.38E-07			
87	5	2.23E-07			
88	5	2.09E-07			
89	5	1.96E-07			
90	5	1.84E-07			
91	5	1.73E-07			
92	5	1.36E-07			
93	5	1.29E-07			
94	5	1.21E-07			
95	5	1.15E-07			
96	5	1.09E-07			
97	5	1.03E-07			
98	5	3.30E-07			
99	5	3.08E-07			

Sywest Industrial Building - Alternative 3
Unmitigated - Operational - ED Risk - Haul 1

	Chronic Non Cancer Risk				
Receptor #	**REL**	**HI**		**Max**	**Receptor #**
100	5	2.85E-07			
101	5	2.63E-07			
102	5	2.45E-07			
103	5	2.28E-07			
104	5	2.12E-07			
105	5	1.99E-07			
106	5	1.53E-07			
107	5	1.44E-07			
108	5	1.35E-07			
109	5	1.27E-07			
110	5	1.20E-07			
111	5	1.13E-07			
112	5	3.81E-07			
113	5	3.50E-07			
114	5	3.19E-07			
115	5	2.93E-07			
116	5	2.71E-07			
117	5	2.49E-07			
118	5	2.31E-07			
119	5	2.15E-07			
120	5	1.74E-07			
121	5	1.62E-07			
122	5	1.52E-07			
123	5	1.42E-07			
124	5	1.33E-07			
125	5	1.25E-07			
126	5	4.87E-07			
127	5	4.38E-07			
128	5	3.95E-07			
129	5	3.56E-07			
130	5	3.24E-07			
131	5	2.96E-07			
132	5	2.71E-07			

Sywest Industrial Building - Alternative 3
Unmitigated - Operational - ED Risk - Haul 1

	Chronic Non Cancer Risk				
Receptor #	**REL**	**HI**		**Max**	**Receptor #**
133	5	2.50E-07			
134	5	1.83E-07			
135	5	1.71E-07			
136	5	1.59E-07			
137	5	1.49E-07			
138	5	1.39E-07			
139	5	5.59E-07			
140	5	4.95E-07			
141	5	4.39E-07			
142	5	3.92E-07			
143	5	3.55E-07			
144	5	3.21E-07			
145	5	2.93E-07			
146	5	2.69E-07			
147	5	2.09E-07			
148	5	1.93E-07			
149	5	1.79E-07			
150	5	1.67E-07			
151	5	1.55E-07			
152	5	7.19E-07			
153	5	6.21E-07			
154	5	5.43E-07			
155	5	4.78E-07			
156	5	4.27E-07			
157	5	3.83E-07			
158	5	3.46E-07			
159	5	3.13E-07			
160	5	2.85E-07			
161	5	2.60E-07			
162	5	2.38E-07			
163	5	2.19E-07			
164	5	2.02E-07			
165	5	1.87E-07			

Sywest Industrial Building - Alternative 3
Unmitigated - Operational - ED Risk - Haul 1

	Chronic Non Cancer Risk				
Receptor #	**REL**	**HI**		**Max**	**Receptor #**
166	5	1.73E-07			
167	5	7.82E-07			
168	5	6.75E-07			
169	5	5.87E-07			
170	5	5.15E-07			
171	5	4.58E-07			
172	5	4.08E-07			
173	5	3.66E-07			
174	5	3.29E-07			
175	5	2.99E-07			
176	5	2.72E-07			
177	5	2.49E-07			
178	5	2.28E-07			
179	5	2.10E-07			
180	5	1.94E-07			
181	5	1.01E-06			
182	5	8.46E-07			
183	5	7.27E-07			
184	5	6.28E-07			
185	5	5.49E-07			
186	5	4.85E-07			
187	5	4.30E-07			
188	5	3.84E-07			
189	5	3.45E-07			
190	5	3.12E-07			
191	5	2.83E-07			
192	5	2.58E-07			
193	5	2.36E-07			
194	5	2.16E-07			
195	5	1.08E-06			
196	5	9.05E-07			
197	5	7.70E-07			
198	5	6.60E-07			

Sywest Industrial Building - Alternative 3
Unmitigated - Operational - ED Risk - Haul 1

	Chronic Non Cancer Risk				
Receptor #	**REL**	**HI**		**Max**	**Receptor #**
199	5	5.74E-07			
200	5	5.04E-07			
201	5	4.46E-07			
202	5	3.97E-07			
203	5	3.56E-07			
204	5	3.21E-07			
205	5	2.90E-07			
206	5	2.64E-07			
207	5	2.41E-07			
208	5	1.13E-06			
209	5	9.41E-07			
210	5	7.96E-07			
211	5	6.80E-07			
212	5	5.89E-07			
213	5	5.15E-07			
214	5	4.55E-07			
215	5	4.04E-07			
216	5	3.61E-07			
217	5	3.25E-07			
218	5	2.94E-07			
219	5	2.67E-07			
220	5	6.88E-07			
221	5	5.95E-07			
222	5	5.20E-07			
223	5	4.58E-07			
224	5	4.06E-07			
225	5	3.63E-07			
226	5	3.26E-07			
227	5	2.94E-07			
228	5	6.82E-07			
229	5	5.90E-07			
230	5	5.15E-07			
231	5	4.53E-07			

Sywest Industrial Building - Alternative 3
Unmitigated - Operational - ED Risk - Haul 1

	Chronic Non Cancer Risk				
Receptor #	**REL**	**HI**		**Max**	**Receptor #**
232	5	4.02E-07			
233	5	3.59E-07			
234	5	3.22E-07			
235	5	1.24E-06			
236	5	1.26E-06			
237	5	1.04E-06			
238	5	8.74E-07			
239	5	1.25E-06			
240	5	1.03E-06			
241	5	8.67E-07			
242	5	7.37E-07			

Sywest Industrial Building - Alternative 3
Unmitigated - Operational - ED Risk - Haul 1

	Chronic Non Cancer Risk				
Receptor #	**REL**	**HI**		**Max**	**Receptor #**
243	5	1.16E-07			
244	5	1.13E-07			
245	5	1.11E-07			
246	5	1.10E-07			
247	5	1.08E-07			
248	5	1.06E-07			
249	5	1.03E-07			
250	5	1.01E-07			
251	5	9.81E-08			
252	5	1.10E-07			
253	5	1.07E-07			
254	5	1.05E-07			
255	5	1.03E-07			
256	5	1.01E-07			
257	5	9.95E-08			
258	5	9.80E-08			
259	5	9.62E-08			
260	5	9.43E-08			
261	5	9.22E-08			
262	5	9.00E-08			
263	5	9.99E-08			
264	5	9.69E-08			
265	5	9.48E-08			
266	5	9.31E-08			
267	5	9.18E-08			
268	5	9.05E-08			
269	5	8.93E-08			
270	5	8.79E-08			
271	5	8.64E-08			
272	5	8.47E-08			
273	5	8.29E-08			
274	5	8.08E-08			
275	5	9.08E-08			

Sywest Industrial Building - Alternative 3
Unmitigated - Operational - ED Risk - Haul 1

	Chronic Non Cancer Risk				
Receptor #	**REL**	**HI**		**Max**	**Receptor #**
276	5	8.84E-08			
277	5	8.65E-08			
278	5	8.50E-08			
279	5	8.38E-08			
280	5	8.28E-08			
281	5	8.17E-08			
282	5	8.06E-08			
283	5	7.94E-08			
284	5	7.80E-08			
285	5	7.65E-08			
286	5	7.48E-08			
287	5	8.30E-08			
288	5	8.08E-08			
289	5	7.91E-08			
290	5	7.79E-08			
291	5	7.68E-08			
292	5	7.60E-08			
293	5	7.51E-08			
294	5	7.43E-08			
295	5	7.33E-08			
296	5	7.22E-08			
297	5	7.09E-08			
298	5	6.95E-08			
299	5	7.62E-08			
300	5	7.43E-08			
301	5	7.28E-08			
302	5	7.16E-08			
303	5	7.08E-08			
304	5	7.00E-08			
305	5	6.93E-08			
306	5	6.86E-08			
307	5	6.78E-08			
308	5	6.69E-08			

Sywest Industrial Building - Alternative 3
Unmitigated - Operational - ED Risk - Haul 1

	Chronic Non Cancer Risk				
Receptor #	**REL**	**HI**		**Max**	**Receptor #**
309	5	6.58E-08			
310	5	6.47E-08			
311	5	7.03E-08			
312	5	6.86E-08			
313	5	6.73E-08			
314	5	6.63E-08			
315	5	6.54E-08			
316	5	6.46E-08			
317	5	6.42E-08			
318	5	6.35E-08			
319	5	6.29E-08			
320	5	6.21E-08			
321	5	6.13E-08			
322	5	6.04E-08			
323	5	6.50E-08			
324	5	6.35E-08			
325	5	6.23E-08			
326	5	6.11E-08			
327	5	6.07E-08			
328	5	6.01E-08			
329	5	5.98E-08			
330	5	5.91E-08			
331	5	5.85E-08			
332	5	5.79E-08			
333	5	5.72E-08			
334	5	5.63E-08			
335	5	6.03E-08			
336	5	5.89E-08			
337	5	5.79E-08			
338	5	5.66E-08			
339	5	5.64E-08			
340	5	5.58E-08			
341	5	5.57E-08			

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 2

		Cancer Risk from 3rd Trimester								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
1	0.20389	**1.4417E-06**	2.9396E-07	3.46E-04	1.02E-10	0.25	1.57E-01	4.00E-12	1,000,000	4.00E-06
2	0.17705	1.4417E-06	2.5526E-07	3.46E-04	8.84E-11	0.25	1.57E-01	3.47E-12	1,000,000	3.47E-06
3	0.17983	1.4417E-06	2.5927E-07	3.46E-04	8.97E-11	0.25	1.57E-01	3.53E-12	1,000,000	3.53E-06
4	0.18502	1.4417E-06	2.6675E-07	3.46E-04	9.23E-11	0.25	1.57E-01	3.63E-12	1,000,000	3.63E-06
5	0.19038	1.4417E-06	2.7448E-07	3.46E-04	9.50E-11	0.25	1.57E-01	3.73E-12	1,000,000	3.73E-06
6	0.19377	1.4417E-06	2.7937E-07	3.46E-04	9.67E-11	0.25	1.57E-01	3.80E-12	1,000,000	3.80E-06
7	0.19998	1.4417E-06	2.8832E-07	3.46E-04	9.98E-11	0.25	1.57E-01	3.92E-12	1,000,000	3.92E-06
8	0.16634	1.4417E-06	2.3982E-07	3.46E-04	8.30E-11	0.25	1.57E-01	3.26E-12	1,000,000	3.26E-06
9	0.16496	1.4417E-06	2.3783E-07	3.46E-04	8.23E-11	0.25	1.57E-01	3.23E-12	1,000,000	3.23E-06
10	0.16366	1.4417E-06	2.3596E-07	3.46E-04	8.17E-11	0.25	1.57E-01	3.21E-12	1,000,000	3.21E-06
11	0.16231	1.4417E-06	2.3401E-07	3.46E-04	8.10E-11	0.25	1.57E-01	3.18E-12	1,000,000	3.18E-06
12	0.16088	1.4417E-06	2.3195E-07	3.46E-04	8.03E-11	0.25	1.57E-01	3.15E-12	1,000,000	3.15E-06
13	0.1594	1.4417E-06	2.2981E-07	3.46E-04	7.96E-11	0.25	1.57E-01	3.13E-12	1,000,000	3.13E-06
14	0.15787	1.4417E-06	2.2761E-07	3.46E-04	7.88E-11	0.25	1.57E-01	3.10E-12	1,000,000	3.10E-06
15	0.15632	1.4417E-06	2.2537E-07	3.46E-04	7.80E-11	0.25	1.57E-01	3.06E-12	1,000,000	3.06E-06
16	0.17477	1.4417E-06	2.5197E-07	3.46E-04	8.72E-11	0.25	1.57E-01	3.43E-12	1,000,000	3.43E-06
17	0.17328	1.4417E-06	2.4983E-07	3.46E-04	8.65E-11	0.25	1.57E-01	3.40E-12	1,000,000	3.40E-06
18	0.1719	1.4417E-06	2.4784E-07	3.46E-04	8.58E-11	0.25	1.57E-01	3.37E-12	1,000,000	3.37E-06
19	0.17046	1.4417E-06	2.4576E-07	3.46E-04	8.51E-11	0.25	1.57E-01	3.34E-12	1,000,000	3.34E-06
20	0.16891	1.4417E-06	2.4353E-07	3.46E-04	8.43E-11	0.25	1.57E-01	3.31E-12	1,000,000	3.31E-06
21	0.16737	1.4417E-06	2.413E-07	3.46E-04	8.35E-11	0.25	1.57E-01	3.28E-12	1,000,000	3.28E-06
22	0.16578	1.4417E-06	2.3901E-07	3.46E-04	8.27E-11	0.25	1.57E-01	3.25E-12	1,000,000	3.25E-06
23	0.16408	1.4417E-06	2.3656E-07	3.46E-04	8.19E-11	0.25	1.57E-01	3.22E-12	1,000,000	3.22E-06
24	0.18087	1.4417E-06	2.6077E-07	3.46E-04	9.03E-11	0.25	1.57E-01	3.55E-12	1,000,000	3.55E-06
25	0.17933	1.4417E-06	2.5855E-07	3.46E-04	8.95E-11	0.25	1.57E-01	3.52E-12	1,000,000	3.52E-06
26	0.17763	1.4417E-06	2.561E-07	3.46E-04	8.87E-11	0.25	1.57E-01	3.48E-12	1,000,000	3.48E-06
27	0.17598	1.4417E-06	2.5372E-07	3.46E-04	8.78E-11	0.25	1.57E-01	3.45E-12	1,000,000	3.45E-06
28	0.17431	1.4417E-06	2.5131E-07	3.46E-04	8.70E-11	0.25	1.57E-01	3.42E-12	1,000,000	3.42E-06
29	0.17246	1.4417E-06	2.4864E-07	3.46E-04	8.61E-11	0.25	1.57E-01	3.38E-12	1,000,000	3.38E-06
30	0.19065	1.4417E-06	2.7487E-07	3.46E-04	9.51E-11	0.25	1.57E-01	3.74E-12	1,000,000	3.74E-06
31	0.18903	1.4417E-06	2.7253E-07	3.46E-04	9.43E-11	0.25	1.57E-01	3.71E-12	1,000,000	3.71E-06
32	0.18718	1.4417E-06	2.6987E-07	3.46E-04	9.34E-11	0.25	1.57E-01	3.67E-12	1,000,000	3.67E-06
33	0.18542	1.4417E-06	2.6733E-07	3.46E-04	9.25E-11	0.25	1.57E-01	3.64E-12	1,000,000	3.64E-06

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 2

		Cancer Risk from 3rd Trimester								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
34	0.18363	1.4417E-06	2.6475E-07	3.46E-04	9.16E-11	0.25	1.57E-01	3.60E-12	1,000,000	3.60E-06
35	0.18167	1.4417E-06	2.6192E-07	3.46E-04	9.07E-11	0.25	1.57E-01	3.56E-12	1,000,000	3.56E-06
36	0.20143	1.4417E-06	2.9041E-07	3.46E-04	1.01E-10	0.25	1.57E-01	3.95E-12	1,000,000	3.95E-06
37	0.19967	1.4417E-06	2.8787E-07	3.46E-04	9.97E-11	0.25	1.57E-01	3.91E-12	1,000,000	3.91E-06
38	0.19769	1.4417E-06	2.8502E-07	3.46E-04	9.87E-11	0.25	1.57E-01	3.88E-12	1,000,000	3.88E-06
39	0.19578	1.4417E-06	2.8226E-07	3.46E-04	9.77E-11	0.25	1.57E-01	3.84E-12	1,000,000	3.84E-06
40	0.19387	1.4417E-06	2.7951E-07	3.46E-04	9.68E-11	0.25	1.57E-01	3.80E-12	1,000,000	3.80E-06
41	0.19175	1.4417E-06	2.7645E-07	3.46E-04	9.57E-11	0.25	1.57E-01	3.76E-12	1,000,000	3.76E-06
42	0.22938	1.4417E-06	3.3071E-07	3.46E-04	1.14E-10	0.25	1.57E-01	4.50E-12	1,000,000	4.50E-06
43	0.22935	1.4417E-06	3.3066E-07	3.46E-04	1.14E-10	0.25	1.57E-01	4.50E-12	1,000,000	4.50E-06
44	0.22886	1.4417E-06	3.2996E-07	3.46E-04	1.14E-10	0.25	1.57E-01	4.49E-12	1,000,000	4.49E-06
45	0.22799	1.4417E-06	3.287E-07	3.46E-04	1.14E-10	0.25	1.57E-01	4.47E-12	1,000,000	4.47E-06
46	0.22676	1.4417E-06	3.2693E-07	3.46E-04	1.13E-10	0.25	1.57E-01	4.45E-12	1,000,000	4.45E-06
47	0.22522	1.4417E-06	3.2471E-07	3.46E-04	1.12E-10	0.25	1.57E-01	4.42E-12	1,000,000	4.42E-06
48	0.22369	1.4417E-06	3.225E-07	3.46E-04	1.12E-10	0.25	1.57E-01	4.39E-12	1,000,000	4.39E-06
49	0.21326	1.4417E-06	3.0747E-07	3.46E-04	1.06E-10	0.25	1.57E-01	4.18E-12	1,000,000	4.18E-06
50	0.21138	1.4417E-06	3.0476E-07	3.46E-04	1.05E-10	0.25	1.57E-01	4.14E-12	1,000,000	4.14E-06
51	0.20926	1.4417E-06	3.017E-07	3.46E-04	1.04E-10	0.25	1.57E-01	4.10E-12	1,000,000	4.10E-06
52	0.2072	1.4417E-06	2.9873E-07	3.46E-04	1.03E-10	0.25	1.57E-01	4.06E-12	1,000,000	4.06E-06
53	0.20509	1.4417E-06	2.9569E-07	3.46E-04	1.02E-10	0.25	1.57E-01	4.02E-12	1,000,000	4.02E-06
54	0.20278	1.4417E-06	2.9236E-07	3.46E-04	1.01E-10	0.25	1.57E-01	3.98E-12	1,000,000	3.98E-06
55	0.24192	1.4417E-06	3.4879E-07	3.46E-04	1.21E-10	0.25	1.57E-01	4.74E-12	1,000,000	4.74E-06
56	0.24247	1.4417E-06	3.4958E-07	3.46E-04	1.21E-10	0.25	1.57E-01	4.75E-12	1,000,000	4.75E-06
57	0.24269	1.4417E-06	3.499E-07	3.46E-04	1.21E-10	0.25	1.57E-01	4.76E-12	1,000,000	4.76E-06
58	0.24226	1.4417E-06	3.4928E-07	3.46E-04	1.21E-10	0.25	1.57E-01	4.75E-12	1,000,000	4.75E-06
59	0.24153	1.4417E-06	3.4822E-07	3.46E-04	1.21E-10	0.25	1.57E-01	4.74E-12	1,000,000	4.74E-06
60	0.24045	1.4417E-06	3.4667E-07	3.46E-04	1.20E-10	0.25	1.57E-01	4.71E-12	1,000,000	4.71E-06
61	0.2389	1.4417E-06	3.4443E-07	3.46E-04	1.19E-10	0.25	1.57E-01	4.68E-12	1,000,000	4.68E-06
62	0.23729	1.4417E-06	3.4211E-07	3.46E-04	1.18E-10	0.25	1.57E-01	4.65E-12	1,000,000	4.65E-06
63	0.23574	1.4417E-06	3.3988E-07	3.46E-04	1.18E-10	0.25	1.57E-01	4.62E-12	1,000,000	4.62E-06
64	0.22631	1.4417E-06	3.2628E-07	3.46E-04	1.13E-10	0.25	1.57E-01	4.44E-12	1,000,000	4.44E-06
65	0.22431	1.4417E-06	3.234E-07	3.46E-04	1.12E-10	0.25	1.57E-01	4.40E-12	1,000,000	4.40E-06
66	0.22208	1.4417E-06	3.2018E-07	3.46E-04	1.11E-10	0.25	1.57E-01	4.35E-12	1,000,000	4.35E-06

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 2

		Cancer Risk from 3rd Trimester								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
67	0.21976	1.4417E-06	3.1684E-07	3.46E-04	1.10E-10	0.25	1.57E-01	4.31E-12	1,000,000	4.31E-06
68	0.21748	1.4417E-06	3.1355E-07	3.46E-04	1.09E-10	0.25	1.57E-01	4.26E-12	1,000,000	4.26E-06
69	0.21502	1.4417E-06	3.1E-07	3.46E-04	1.07E-10	0.25	1.57E-01	4.22E-12	1,000,000	4.22E-06
70	0.25668	1.4417E-06	3.7007E-07	3.46E-04	1.28E-10	0.25	1.57E-01	5.03E-12	1,000,000	5.03E-06
71	0.25727	1.4417E-06	3.7092E-07	3.46E-04	1.28E-10	0.25	1.57E-01	5.04E-12	1,000,000	5.04E-06
72	0.25716	1.4417E-06	3.7076E-07	3.46E-04	1.28E-10	0.25	1.57E-01	5.04E-12	1,000,000	5.04E-06
73	0.25644	1.4417E-06	3.6972E-07	3.46E-04	1.28E-10	0.25	1.57E-01	5.03E-12	1,000,000	5.03E-06
74	0.25549	1.4417E-06	3.6835E-07	3.46E-04	1.28E-10	0.25	1.57E-01	5.01E-12	1,000,000	5.01E-06
75	0.25414	1.4417E-06	3.6641E-07	3.46E-04	1.27E-10	0.25	1.57E-01	4.98E-12	1,000,000	4.98E-06
76	0.25228	1.4417E-06	3.6372E-07	3.46E-04	1.26E-10	0.25	1.57E-01	4.95E-12	1,000,000	4.95E-06
77	0.25072	1.4417E-06	3.6147E-07	3.46E-04	1.25E-10	0.25	1.57E-01	4.92E-12	1,000,000	4.92E-06
78	0.23856	1.4417E-06	3.4394E-07	3.46E-04	1.19E-10	0.25	1.57E-01	4.68E-12	1,000,000	4.68E-06
79	0.23604	1.4417E-06	3.4031E-07	3.46E-04	1.18E-10	0.25	1.57E-01	4.63E-12	1,000,000	4.63E-06
80	0.23357	1.4417E-06	3.3675E-07	3.46E-04	1.17E-10	0.25	1.57E-01	4.58E-12	1,000,000	4.58E-06
81	0.23108	1.4417E-06	3.3316E-07	3.46E-04	1.15E-10	0.25	1.57E-01	4.53E-12	1,000,000	4.53E-06
82	0.22838	1.4417E-06	3.2927E-07	3.46E-04	1.14E-10	0.25	1.57E-01	4.48E-12	1,000,000	4.48E-06
83	0.27236	1.4417E-06	3.9267E-07	3.46E-04	1.36E-10	0.25	1.57E-01	5.34E-12	1,000,000	5.34E-06
84	0.27324	1.4417E-06	3.9394E-07	3.46E-04	1.36E-10	0.25	1.57E-01	5.36E-12	1,000,000	5.36E-06
85	0.27356	1.4417E-06	3.944E-07	3.46E-04	1.37E-10	0.25	1.57E-01	5.36E-12	1,000,000	5.36E-06
86	0.27303	1.4417E-06	3.9364E-07	3.46E-04	1.36E-10	0.25	1.57E-01	5.35E-12	1,000,000	5.35E-06
87	0.27211	1.4417E-06	3.9231E-07	3.46E-04	1.36E-10	0.25	1.57E-01	5.34E-12	1,000,000	5.34E-06
88	0.2709	1.4417E-06	3.9057E-07	3.46E-04	1.35E-10	0.25	1.57E-01	5.31E-12	1,000,000	5.31E-06
89	0.26911	1.4417E-06	3.8799E-07	3.46E-04	1.34E-10	0.25	1.57E-01	5.28E-12	1,000,000	5.28E-06
90	0.26733	1.4417E-06	3.8542E-07	3.46E-04	1.33E-10	0.25	1.57E-01	5.24E-12	1,000,000	5.24E-06
91	0.26568	1.4417E-06	3.8304E-07	3.46E-04	1.33E-10	0.25	1.57E-01	5.21E-12	1,000,000	5.21E-06
92	0.25681	1.4417E-06	3.7025E-07	3.46E-04	1.28E-10	0.25	1.57E-01	5.04E-12	1,000,000	5.04E-06
93	0.25438	1.4417E-06	3.6675E-07	3.46E-04	1.27E-10	0.25	1.57E-01	4.99E-12	1,000,000	4.99E-06
94	0.25161	1.4417E-06	3.6276E-07	3.46E-04	1.26E-10	0.25	1.57E-01	4.93E-12	1,000,000	4.93E-06
95	0.24893	1.4417E-06	3.5889E-07	3.46E-04	1.24E-10	0.25	1.57E-01	4.88E-12	1,000,000	4.88E-06
96	0.24618	1.4417E-06	3.5493E-07	3.46E-04	1.23E-10	0.25	1.57E-01	4.83E-12	1,000,000	4.83E-06
97	0.24323	1.4417E-06	3.5068E-07	3.46E-04	1.21E-10	0.25	1.57E-01	4.77E-12	1,000,000	4.77E-06
98	0.29077	1.4417E-06	4.1922E-07	3.46E-04	1.45E-10	0.25	1.57E-01	5.70E-12	1,000,000	5.70E-06
99	0.29164	1.4417E-06	4.2047E-07	3.46E-04	1.46E-10	0.25	1.57E-01	5.72E-12	1,000,000	5.72E-06

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 2

		Cancer Risk from 3rd Trimester								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
100	0.29161	1.4417E-06	4.2043E-07	3.46E-04	1.46E-10	0.25	1.57E-01	5.72E-12	1,000,000	5.72E-06
101	0.29054	1.4417E-06	4.1888E-07	3.46E-04	1.45E-10	0.25	1.57E-01	5.70E-12	1,000,000	5.70E-06
102	0.28953	1.4417E-06	4.1743E-07	3.46E-04	1.44E-10	0.25	1.57E-01	5.68E-12	1,000,000	5.68E-06
103	0.28799	1.4417E-06	4.1521E-07	3.46E-04	1.44E-10	0.25	1.57E-01	5.65E-12	1,000,000	5.65E-06
104	0.28594	1.4417E-06	4.1225E-07	3.46E-04	1.43E-10	0.25	1.57E-01	5.61E-12	1,000,000	5.61E-06
105	0.28437	1.4417E-06	4.0999E-07	3.46E-04	1.42E-10	0.25	1.57E-01	5.58E-12	1,000,000	5.58E-06
106	0.27497	1.4417E-06	3.9644E-07	3.46E-04	1.37E-10	0.25	1.57E-01	5.39E-12	1,000,000	5.39E-06
107	0.2722	1.4417E-06	3.9244E-07	3.46E-04	1.36E-10	0.25	1.57E-01	5.34E-12	1,000,000	5.34E-06
108	0.26916	1.4417E-06	3.8806E-07	3.46E-04	1.34E-10	0.25	1.57E-01	5.28E-12	1,000,000	5.28E-06
109	0.26607	1.4417E-06	3.8361E-07	3.46E-04	1.33E-10	0.25	1.57E-01	5.22E-12	1,000,000	5.22E-06
110	0.26302	1.4417E-06	3.7921E-07	3.46E-04	1.31E-10	0.25	1.57E-01	5.16E-12	1,000,000	5.16E-06
111	0.25967	1.4417E-06	3.7438E-07	3.46E-04	1.30E-10	0.25	1.57E-01	5.09E-12	1,000,000	5.09E-06
112	0.31159	1.4417E-06	4.4923E-07	3.46E-04	1.56E-10	0.25	1.57E-01	6.11E-12	1,000,000	6.11E-06
113	0.31206	1.4417E-06	4.4991E-07	3.46E-04	1.56E-10	0.25	1.57E-01	6.12E-12	1,000,000	6.12E-06
114	0.31138	1.4417E-06	4.4893E-07	3.46E-04	1.55E-10	0.25	1.57E-01	6.11E-12	1,000,000	6.11E-06
115	0.3103	1.4417E-06	4.4737E-07	3.46E-04	1.55E-10	0.25	1.57E-01	6.08E-12	1,000,000	6.08E-06
116	0.30909	1.4417E-06	4.4563E-07	3.46E-04	1.54E-10	0.25	1.57E-01	6.06E-12	1,000,000	6.06E-06
117	0.30711	1.4417E-06	4.4277E-07	3.46E-04	1.53E-10	0.25	1.57E-01	6.02E-12	1,000,000	6.02E-06
118	0.30521	1.4417E-06	4.4004E-07	3.46E-04	1.52E-10	0.25	1.57E-01	5.98E-12	1,000,000	5.98E-06
119	0.30336	1.4417E-06	4.3737E-07	3.46E-04	1.51E-10	0.25	1.57E-01	5.95E-12	1,000,000	5.95E-06
120	0.29552	1.4417E-06	4.2606E-07	3.46E-04	1.47E-10	0.25	1.57E-01	5.79E-12	1,000,000	5.79E-06
121	0.29224	1.4417E-06	4.2134E-07	3.46E-04	1.46E-10	0.25	1.57E-01	5.73E-12	1,000,000	5.73E-06
122	0.28899	1.4417E-06	4.1665E-07	3.46E-04	1.44E-10	0.25	1.57E-01	5.67E-12	1,000,000	5.67E-06
123	0.28547	1.4417E-06	4.1157E-07	3.46E-04	1.42E-10	0.25	1.57E-01	5.60E-12	1,000,000	5.60E-06
124	0.28192	1.4417E-06	4.0646E-07	3.46E-04	1.41E-10	0.25	1.57E-01	5.53E-12	1,000,000	5.53E-06
125	0.27819	1.4417E-06	4.0108E-07	3.46E-04	1.39E-10	0.25	1.57E-01	5.45E-12	1,000,000	5.45E-06
126	0.33362	1.4417E-06	4.8099E-07	3.46E-04	1.67E-10	0.25	1.57E-01	6.54E-12	1,000,000	6.54E-06
127	0.33472	1.4417E-06	4.8258E-07	3.46E-04	1.67E-10	0.25	1.57E-01	6.56E-12	1,000,000	6.56E-06
128	0.33486	1.4417E-06	4.8278E-07	3.46E-04	1.67E-10	0.25	1.57E-01	6.57E-12	1,000,000	6.57E-06
129	0.33373	1.4417E-06	4.8115E-07	3.46E-04	1.67E-10	0.25	1.57E-01	6.54E-12	1,000,000	6.54E-06
130	0.33276	1.4417E-06	4.7976E-07	3.46E-04	1.66E-10	0.25	1.57E-01	6.52E-12	1,000,000	6.52E-06
131	0.33116	1.4417E-06	4.7745E-07	3.46E-04	1.65E-10	0.25	1.57E-01	6.49E-12	1,000,000	6.49E-06
132	0.32883	1.4417E-06	4.7409E-07	3.46E-04	1.64E-10	0.25	1.57E-01	6.45E-12	1,000,000	6.45E-06

Sywest Industrial Building - Alternative 3
Unmitigated - Operational - ED Risk - Haul 2

		Cancer Risk from 3rd Trimester								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
133	0.32701	1.4417E-06	4.7147E-07	3.46E-04	1.63E-10	0.25	1.57E-01	6.41E-12	1,000,000	6.41E-06
134	0.31442	1.4417E-06	4.5331E-07	3.46E-04	1.57E-10	0.25	1.57E-01	6.16E-12	1,000,000	6.16E-06
135	0.31107	1.4417E-06	4.4848E-07	3.46E-04	1.55E-10	0.25	1.57E-01	6.10E-12	1,000,000	6.10E-06
136	0.30737	1.4417E-06	4.4315E-07	3.46E-04	1.53E-10	0.25	1.57E-01	6.03E-12	1,000,000	6.03E-06
137	0.3033	1.4417E-06	4.3728E-07	3.46E-04	1.51E-10	0.25	1.57E-01	5.95E-12	1,000,000	5.95E-06
138	0.29896	1.4417E-06	4.3102E-07	3.46E-04	1.49E-10	0.25	1.57E-01	5.86E-12	1,000,000	5.86E-06
139	0.36014	1.4417E-06	5.1923E-07	3.46E-04	1.80E-10	0.25	1.57E-01	7.06E-12	1,000,000	7.06E-06
140	0.36116	1.4417E-06	5.207E-07	3.46E-04	1.80E-10	0.25	1.57E-01	7.08E-12	1,000,000	7.08E-06
141	0.36067	1.4417E-06	5.1999E-07	3.46E-04	1.80E-10	0.25	1.57E-01	7.07E-12	1,000,000	7.07E-06
142	0.35956	1.4417E-06	5.1839E-07	3.46E-04	1.79E-10	0.25	1.57E-01	7.05E-12	1,000,000	7.05E-06
143	0.35841	1.4417E-06	5.1674E-07	3.46E-04	1.79E-10	0.25	1.57E-01	7.03E-12	1,000,000	7.03E-06
144	0.35625	1.4417E-06	5.1362E-07	3.46E-04	1.78E-10	0.25	1.57E-01	6.98E-12	1,000,000	6.98E-06
145	0.35383	1.4417E-06	5.1013E-07	3.46E-04	1.77E-10	0.25	1.57E-01	6.94E-12	1,000,000	6.94E-06
146	0.35145	1.4417E-06	5.067E-07	3.46E-04	1.75E-10	0.25	1.57E-01	6.89E-12	1,000,000	6.89E-06
147	0.34033	1.4417E-06	4.9067E-07	3.46E-04	1.70E-10	0.25	1.57E-01	6.67E-12	1,000,000	6.67E-06
148	0.33637	1.4417E-06	4.8496E-07	3.46E-04	1.68E-10	0.25	1.57E-01	6.60E-12	1,000,000	6.60E-06
149	0.33209	1.4417E-06	4.7879E-07	3.46E-04	1.66E-10	0.25	1.57E-01	6.51E-12	1,000,000	6.51E-06
150	0.32759	1.4417E-06	4.723E-07	3.46E-04	1.63E-10	0.25	1.57E-01	6.42E-12	1,000,000	6.42E-06
151	0.3227	1.4417E-06	4.6525E-07	3.46E-04	1.61E-10	0.25	1.57E-01	6.33E-12	1,000,000	6.33E-06
152	0.38905	1.4417E-06	5.6091E-07	3.46E-04	1.94E-10	0.25	1.57E-01	7.63E-12	1,000,000	7.63E-06
153	0.39082	1.4417E-06	5.6346E-07	3.46E-04	1.95E-10	0.25	1.57E-01	7.66E-12	1,000,000	7.66E-06
154	0.39129	1.4417E-06	5.6414E-07	3.46E-04	1.95E-10	0.25	1.57E-01	7.67E-12	1,000,000	7.67E-06
155	0.39033	1.4417E-06	5.6276E-07	3.46E-04	1.95E-10	0.25	1.57E-01	7.65E-12	1,000,000	7.65E-06
156	0.38934	1.4417E-06	5.6133E-07	3.46E-04	1.94E-10	0.25	1.57E-01	7.63E-12	1,000,000	7.63E-06
157	0.38764	1.4417E-06	5.5888E-07	3.46E-04	1.93E-10	0.25	1.57E-01	7.60E-12	1,000,000	7.60E-06
158	0.38511	1.4417E-06	5.5523E-07	3.46E-04	1.92E-10	0.25	1.57E-01	7.55E-12	1,000,000	7.55E-06
159	0.38209	1.4417E-06	5.5088E-07	3.46E-04	1.91E-10	0.25	1.57E-01	7.49E-12	1,000,000	7.49E-06
160	0.37825	1.4417E-06	5.4534E-07	3.46E-04	1.89E-10	0.25	1.57E-01	7.42E-12	1,000,000	7.42E-06
161	0.37429	1.4417E-06	5.3963E-07	3.46E-04	1.87E-10	0.25	1.57E-01	7.34E-12	1,000,000	7.34E-06
162	0.3697	1.4417E-06	5.3301E-07	3.46E-04	1.85E-10	0.25	1.57E-01	7.25E-12	1,000,000	7.25E-06
163	0.36492	1.4417E-06	5.2612E-07	3.46E-04	1.82E-10	0.25	1.57E-01	7.15E-12	1,000,000	7.15E-06
164	0.36008	1.4417E-06	5.1914E-07	3.46E-04	1.80E-10	0.25	1.57E-01	7.06E-12	1,000,000	7.06E-06
165	0.3554	1.4417E-06	5.124E-07	3.46E-04	1.77E-10	0.25	1.57E-01	6.97E-12	1,000,000	6.97E-06

Sywest Industrial Building - Alternative 3
Unmitigated - Operational - ED Risk - Haul 2

		Cancer Risk from 3rd Trimester								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
166	0.3501	1.4417E-06	5.0475E-07	3.46E-04	1.75E-10	0.25	1.57E-01	6.86E-12	1,000,000	6.86E-06
167	0.42462	1.4417E-06	6.1219E-07	3.46E-04	2.12E-10	0.25	1.57E-01	8.33E-12	1,000,000	8.33E-06
168	0.42631	1.4417E-06	6.1463E-07	3.46E-04	2.13E-10	0.25	1.57E-01	8.36E-12	1,000,000	8.36E-06
169	0.42622	1.4417E-06	6.145E-07	3.46E-04	2.13E-10	0.25	1.57E-01	8.36E-12	1,000,000	8.36E-06
170	0.42496	1.4417E-06	6.1268E-07	3.46E-04	2.12E-10	0.25	1.57E-01	8.33E-12	1,000,000	8.33E-06
171	0.42346	1.4417E-06	6.1052E-07	3.46E-04	2.11E-10	0.25	1.57E-01	8.30E-12	1,000,000	8.30E-06
172	0.42082	1.4417E-06	6.0672E-07	3.46E-04	2.10E-10	0.25	1.57E-01	8.25E-12	1,000,000	8.25E-06
173	0.41703	1.4417E-06	6.0125E-07	3.46E-04	2.08E-10	0.25	1.57E-01	8.18E-12	1,000,000	8.18E-06
174	0.41238	1.4417E-06	5.9455E-07	3.46E-04	2.06E-10	0.25	1.57E-01	8.09E-12	1,000,000	8.09E-06
175	0.40816	1.4417E-06	5.8846E-07	3.46E-04	2.04E-10	0.25	1.57E-01	8.00E-12	1,000,000	8.00E-06
176	0.40315	1.4417E-06	5.8124E-07	3.46E-04	2.01E-10	0.25	1.57E-01	7.90E-12	1,000,000	7.90E-06
177	0.39794	1.4417E-06	5.7373E-07	3.46E-04	1.99E-10	0.25	1.57E-01	7.80E-12	1,000,000	7.80E-06
178	0.39277	1.4417E-06	5.6627E-07	3.46E-04	1.96E-10	0.25	1.57E-01	7.70E-12	1,000,000	7.70E-06
179	0.38749	1.4417E-06	5.5866E-07	3.46E-04	1.93E-10	0.25	1.57E-01	7.60E-12	1,000,000	7.60E-06
180	0.38136	1.4417E-06	5.4982E-07	3.46E-04	1.90E-10	0.25	1.57E-01	7.48E-12	1,000,000	7.48E-06
181	0.46474	1.4417E-06	6.7004E-07	3.46E-04	2.32E-10	0.25	1.57E-01	9.11E-12	1,000,000	9.11E-06
182	0.46674	1.4417E-06	6.7292E-07	3.46E-04	2.33E-10	0.25	1.57E-01	9.15E-12	1,000,000	9.15E-06
183	0.46794	1.4417E-06	6.7465E-07	3.46E-04	2.34E-10	0.25	1.57E-01	9.17E-12	1,000,000	9.17E-06
184	0.46716	1.4417E-06	6.7353E-07	3.46E-04	2.33E-10	0.25	1.57E-01	9.16E-12	1,000,000	9.16E-06
185	0.46547	1.4417E-06	6.7109E-07	3.46E-04	2.32E-10	0.25	1.57E-01	9.13E-12	1,000,000	9.13E-06
186	0.46287	1.4417E-06	6.6734E-07	3.46E-04	2.31E-10	0.25	1.57E-01	9.08E-12	1,000,000	9.08E-06
187	0.45892	1.4417E-06	6.6165E-07	3.46E-04	2.29E-10	0.25	1.57E-01	9.00E-12	1,000,000	9.00E-06
188	0.45426	1.4417E-06	6.5493E-07	3.46E-04	2.27E-10	0.25	1.57E-01	8.91E-12	1,000,000	8.91E-06
189	0.44921	1.4417E-06	6.4765E-07	3.46E-04	2.24E-10	0.25	1.57E-01	8.81E-12	1,000,000	8.81E-06
190	0.4436	1.4417E-06	6.3956E-07	3.46E-04	2.21E-10	0.25	1.57E-01	8.70E-12	1,000,000	8.70E-06
191	0.43754	1.4417E-06	6.3082E-07	3.46E-04	2.18E-10	0.25	1.57E-01	8.58E-12	1,000,000	8.58E-06
192	0.4312	1.4417E-06	6.2168E-07	3.46E-04	2.15E-10	0.25	1.57E-01	8.45E-12	1,000,000	8.45E-06
193	0.42475	1.4417E-06	6.1238E-07	3.46E-04	2.12E-10	0.25	1.57E-01	8.33E-12	1,000,000	8.33E-06
194	0.41727	1.4417E-06	6.016E-07	3.46E-04	2.08E-10	0.25	1.57E-01	8.18E-12	1,000,000	8.18E-06
195	0.51374	1.4417E-06	7.4068E-07	3.46E-04	2.56E-10	0.25	1.57E-01	1.01E-11	1,000,000	1.01E-05
196	0.51671	1.4417E-06	7.4496E-07	3.46E-04	2.58E-10	0.25	1.57E-01	1.01E-11	1,000,000	1.01E-05
197	0.51724	1.4417E-06	7.4573E-07	3.46E-04	2.58E-10	0.25	1.57E-01	1.01E-11	1,000,000	1.01E-05
198	0.51497	1.4417E-06	7.4246E-07	3.46E-04	2.57E-10	0.25	1.57E-01	1.01E-11	1,000,000	1.01E-05

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 2

		Cancer Risk from 3rd Trimester								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
199	0.51205	1.4417E-06	7.3825E-07	3.46E-04	2.56E-10	0.25	1.57E-01	1.00E-11	1,000,000	1.00E-05
200	0.50791	1.4417E-06	7.3228E-07	3.46E-04	2.53E-10	0.25	1.57E-01	9.96E-12	1,000,000	9.96E-06
201	0.50287	1.4417E-06	7.2501E-07	3.46E-04	2.51E-10	0.25	1.57E-01	9.86E-12	1,000,000	9.86E-06
202	0.4969	1.4417E-06	7.164E-07	3.46E-04	2.48E-10	0.25	1.57E-01	9.74E-12	1,000,000	9.74E-06
203	0.49035	1.4417E-06	7.0696E-07	3.46E-04	2.45E-10	0.25	1.57E-01	9.61E-12	1,000,000	9.61E-06
204	0.48315	1.4417E-06	6.9658E-07	3.46E-04	2.41E-10	0.25	1.57E-01	9.47E-12	1,000,000	9.47E-06
205	0.47541	1.4417E-06	6.8542E-07	3.46E-04	2.37E-10	0.25	1.57E-01	9.32E-12	1,000,000	9.32E-06
206	0.46774	1.4417E-06	6.7436E-07	3.46E-04	2.33E-10	0.25	1.57E-01	9.17E-12	1,000,000	9.17E-06
207	0.45895	1.4417E-06	6.6169E-07	3.46E-04	2.29E-10	0.25	1.57E-01	9.00E-12	1,000,000	9.00E-06
208	0.57416	1.4417E-06	8.2779E-07	3.46E-04	2.87E-10	0.25	1.57E-01	1.13E-11	1,000,000	1.13E-05
209	0.57643	1.4417E-06	8.3107E-07	3.46E-04	2.88E-10	0.25	1.57E-01	1.13E-11	1,000,000	1.13E-05
210	0.57567	1.4417E-06	8.2997E-07	3.46E-04	2.87E-10	0.25	1.57E-01	1.13E-11	1,000,000	1.13E-05
211	0.57216	1.4417E-06	8.2491E-07	3.46E-04	2.86E-10	0.25	1.57E-01	1.12E-11	1,000,000	1.12E-05
212	0.56724	1.4417E-06	8.1782E-07	3.46E-04	2.83E-10	0.25	1.57E-01	1.11E-11	1,000,000	1.11E-05
213	0.56112	1.4417E-06	8.0899E-07	3.46E-04	2.80E-10	0.25	1.57E-01	1.10E-11	1,000,000	1.10E-05
214	0.55381	1.4417E-06	7.9845E-07	3.46E-04	2.76E-10	0.25	1.57E-01	1.09E-11	1,000,000	1.09E-05
215	0.54505	1.4417E-06	7.8582E-07	3.46E-04	2.72E-10	0.25	1.57E-01	1.07E-11	1,000,000	1.07E-05
216	0.53646	1.4417E-06	7.7344E-07	3.46E-04	2.68E-10	0.25	1.57E-01	1.05E-11	1,000,000	1.05E-05
217	0.5275	1.4417E-06	7.6052E-07	3.46E-04	2.63E-10	0.25	1.57E-01	1.03E-11	1,000,000	1.03E-05
218	0.51823	1.4417E-06	7.4716E-07	3.46E-04	2.59E-10	0.25	1.57E-01	1.02E-11	1,000,000	1.02E-05
219	0.5078	1.4417E-06	7.3212E-07	3.46E-04	2.53E-10	0.25	1.57E-01	9.96E-12	1,000,000	9.96E-06
220	0.64127	1.4417E-06	9.2455E-07	3.46E-04	3.20E-10	0.25	1.57E-01	1.26E-11	1,000,000	1.26E-05
221	0.63385	1.4417E-06	9.1385E-07	3.46E-04	3.16E-10	0.25	1.57E-01	1.24E-11	1,000,000	1.24E-05
222	0.62488	1.4417E-06	9.0092E-07	3.46E-04	3.12E-10	0.25	1.57E-01	1.23E-11	1,000,000	1.23E-05
223	0.61441	1.4417E-06	8.8582E-07	3.46E-04	3.07E-10	0.25	1.57E-01	1.20E-11	1,000,000	1.20E-05
224	0.60302	1.4417E-06	8.694E-07	3.46E-04	3.01E-10	0.25	1.57E-01	1.18E-11	1,000,000	1.18E-05
225	0.59143	1.4417E-06	8.5269E-07	3.46E-04	2.95E-10	0.25	1.57E-01	1.16E-11	1,000,000	1.16E-05
226	0.57883	1.4417E-06	8.3453E-07	3.46E-04	2.89E-10	0.25	1.57E-01	1.13E-11	1,000,000	1.13E-05
227	0.56486	1.4417E-06	8.1438E-07	3.46E-04	2.82E-10	0.25	1.57E-01	1.11E-11	1,000,000	1.11E-05
228	0.72186	1.4417E-06	1.0407E-06	3.46E-04	3.60E-10	0.25	1.57E-01	1.42E-11	1,000,000	1.42E-05
229	0.71032	1.4417E-06	1.0241E-06	3.46E-04	3.55E-10	0.25	1.57E-01	1.39E-11	1,000,000	1.39E-05
230	0.69728	1.4417E-06	1.0053E-06	3.46E-04	3.48E-10	0.25	1.57E-01	1.37E-11	1,000,000	1.37E-05
231	0.68227	1.4417E-06	9.8366E-07	3.46E-04	3.41E-10	0.25	1.57E-01	1.34E-11	1,000,000	1.34E-05

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 2

		Cancer Risk from 3rd Trimester								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
232	0.66719	1.4417E-06	9.6192E-07	3.46E-04	3.33E-10	0.25	1.57E-01	1.31E-11	1,000,000	1.31E-05
233	0.65032	1.4417E-06	9.376E-07	3.46E-04	3.25E-10	0.25	1.57E-01	1.28E-11	1,000,000	1.28E-05
234	0.63173	1.4417E-06	9.1079E-07	3.46E-04	3.15E-10	0.25	1.57E-01	1.24E-11	1,000,000	1.24E-05
235	0.57209	1.4417E-06	8.2481E-07	3.46E-04	2.86E-10	0.25	1.57E-01	1.12E-11	1,000,000	1.12E-05
236	0.64544	1.4417E-06	9.3056E-07	3.46E-04	3.22E-10	0.25	1.57E-01	1.27E-11	1,000,000	1.27E-05
237	0.64874	1.4417E-06	9.3532E-07	3.46E-04	3.24E-10	0.25	1.57E-01	1.27E-11	1,000,000	1.27E-05
238	0.6479	1.4417E-06	9.3411E-07	3.46E-04	3.23E-10	0.25	1.57E-01	1.27E-11	1,000,000	1.27E-05
239	0.73621	1.4417E-06	1.0614E-06	3.46E-04	3.67E-10	0.25	1.57E-01	1.44E-11	1,000,000	1.44E-05
240	0.73637	1.4417E-06	1.0617E-06	3.46E-04	3.68E-10	0.25	1.57E-01	1.44E-11	1,000,000	1.44E-05
241	0.73396	1.4417E-06	1.0582E-06	3.46E-04	3.66E-10	0.25	1.57E-01	1.44E-11	1,000,000	1.44E-05
242	0.72658	1.4417E-06	1.0475E-06	3.46E-04	3.63E-10	0.25	1.57E-01	1.42E-11	1,000,000	1.42E-05

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 2

		Cancer Risk from 3rd Trimester								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
243	4.76327	1.4417E-06	6.8674E-06	3.46E-04	2.38E-09	0.25	1.57E-01	9.34E-11	1,000,000	9.34E-05
244	5.59162	1.4417E-06	8.0617E-06	3.46E-04	2.79E-09	0.25	1.57E-01	1.10E-10	1,000,000	1.10E-04
245	6.66986	1.4417E-06	9.6162E-06	3.46E-04	3.33E-09	0.25	1.57E-01	1.31E-10	1,000,000	1.31E-04
246	8.13292	1.4417E-06	1.1726E-05	3.46E-04	4.06E-09	0.25	1.57E-01	1.59E-10	1,000,000	1.59E-04
247	10.17762	1.4417E-06	1.4674E-05	3.46E-04	5.08E-09	0.25	1.57E-01	2.00E-10	1,000,000	2.00E-04
248	13.23246	1.4417E-06	1.9078E-05	3.46E-04	6.60E-09	0.25	1.57E-01	2.59E-10	1,000,000	2.59E-04
249	18.16895	1.4417E-06	2.6195E-05	3.46E-04	9.07E-09	0.25	1.57E-01	3.56E-10	1,000,000	3.56E-04
250	27.18171	1.4417E-06	3.9189E-05	3.46E-04	1.36E-08	0.25	1.57E-01	5.33E-10	1,000,000	5.33E-04
251	23.98313	1.4417E-06	3.4578E-05	3.46E-04	1.20E-08	0.25	1.57E-01	4.70E-10	1,000,000	4.70E-04
252	3.26736	1.4417E-06	4.7107E-06	3.46E-04	1.63E-09	0.25	1.57E-01	6.41E-11	1,000,000	6.41E-05
253	3.74481	1.4417E-06	5.3991E-06	3.46E-04	1.87E-09	0.25	1.57E-01	7.34E-11	1,000,000	7.34E-05
254	4.31689	1.4417E-06	6.2239E-06	3.46E-04	2.15E-09	0.25	1.57E-01	8.46E-11	1,000,000	8.46E-05
255	5.02095	1.4417E-06	7.2389E-06	3.46E-04	2.51E-09	0.25	1.57E-01	9.84E-11	1,000,000	9.84E-05
256	5.9162	1.4417E-06	8.5297E-06	3.46E-04	2.95E-09	0.25	1.57E-01	1.16E-10	1,000,000	1.16E-04
257	7.07475	1.4417E-06	1.02E-05	3.46E-04	3.53E-09	0.25	1.57E-01	1.39E-10	1,000,000	1.39E-04
258	8.66717	1.4417E-06	1.2496E-05	3.46E-04	4.33E-09	0.25	1.57E-01	1.70E-10	1,000,000	1.70E-04
259	10.92943	1.4417E-06	1.5757E-05	3.46E-04	5.45E-09	0.25	1.57E-01	2.14E-10	1,000,000	2.14E-04
260	14.43256	1.4417E-06	2.0808E-05	3.46E-04	7.20E-09	0.25	1.57E-01	2.83E-10	1,000,000	2.83E-04
261	20.42025	1.4417E-06	2.9441E-05	3.46E-04	1.02E-08	0.25	1.57E-01	4.00E-10	1,000,000	4.00E-04
262	32.01418	1.4417E-06	4.6156E-05	3.46E-04	1.60E-08	0.25	1.57E-01	6.28E-10	1,000,000	6.28E-04
263	3.03469	1.4417E-06	4.3752E-06	3.46E-04	1.51E-09	0.25	1.57E-01	5.95E-11	1,000,000	5.95E-05
264	3.44182	1.4417E-06	4.9622E-06	3.46E-04	1.72E-09	0.25	1.57E-01	6.75E-11	1,000,000	6.75E-05
265	3.93245	1.4417E-06	5.6696E-06	3.46E-04	1.96E-09	0.25	1.57E-01	7.71E-11	1,000,000	7.71E-05
266	4.52348	1.4417E-06	6.5217E-06	3.46E-04	2.26E-09	0.25	1.57E-01	8.87E-11	1,000,000	8.87E-05
267	5.26386	1.4417E-06	7.5891E-06	3.46E-04	2.63E-09	0.25	1.57E-01	1.03E-10	1,000,000	1.03E-04
268	6.20143	1.4417E-06	8.9409E-06	3.46E-04	3.10E-09	0.25	1.57E-01	1.22E-10	1,000,000	1.22E-04
269	7.46578	1.4417E-06	1.0764E-05	3.46E-04	3.73E-09	0.25	1.57E-01	1.46E-10	1,000,000	1.46E-04
270	9.20945	1.4417E-06	1.3278E-05	3.46E-04	4.60E-09	0.25	1.57E-01	1.81E-10	1,000,000	1.81E-04
271	11.81715	1.4417E-06	1.7037E-05	3.46E-04	5.90E-09	0.25	1.57E-01	2.32E-10	1,000,000	2.32E-04
272	15.99515	1.4417E-06	2.3061E-05	3.46E-04	7.98E-09	0.25	1.57E-01	3.14E-10	1,000,000	3.14E-04
273	23.40573	1.4417E-06	3.3745E-05	3.46E-04	1.17E-08	0.25	1.57E-01	4.59E-10	1,000,000	4.59E-04
274	38.48564	1.4417E-06	5.5486E-05	3.46E-04	1.92E-08	0.25	1.57E-01	7.55E-10	1,000,000	7.55E-04
275	2.81877	1.4417E-06	4.0639E-06	3.46E-04	1.41E-09	0.25	1.57E-01	5.53E-11	1,000,000	5.53E-05

Sywest Industrial Building - Alternative 3
Unmitigated - Operational - ED Risk - Haul 2

		Cancer Risk from 3rd Trimester								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
276	3.17569	1.4417E-06	4.5785E-06	3.46E-04	1.58E-09	0.25	1.57E-01	6.23E-11	1,000,000	6.23E-05
277	3.59468	1.4417E-06	5.1826E-06	3.46E-04	1.79E-09	0.25	1.57E-01	7.05E-11	1,000,000	7.05E-05
278	4.09593	1.4417E-06	5.9053E-06	3.46E-04	2.04E-09	0.25	1.57E-01	8.03E-11	1,000,000	8.03E-05
279	4.71153	1.4417E-06	6.7928E-06	3.46E-04	2.35E-09	0.25	1.57E-01	9.24E-11	1,000,000	9.24E-05
280	5.48577	1.4417E-06	7.9091E-06	3.46E-04	2.74E-09	0.25	1.57E-01	1.08E-10	1,000,000	1.08E-04
281	6.48668	1.4417E-06	9.3521E-06	3.46E-04	3.24E-09	0.25	1.57E-01	1.27E-10	1,000,000	1.27E-04
282	7.86203	1.4417E-06	1.1335E-05	3.46E-04	3.92E-09	0.25	1.57E-01	1.54E-10	1,000,000	1.54E-04
283	9.83512	1.4417E-06	1.418E-05	3.46E-04	4.91E-09	0.25	1.57E-01	1.93E-10	1,000,000	1.93E-04
284	12.82963	1.4417E-06	1.8497E-05	3.46E-04	6.40E-09	0.25	1.57E-01	2.52E-10	1,000,000	2.52E-04
285	17.79274	1.4417E-06	2.5653E-05	3.46E-04	8.88E-09	0.25	1.57E-01	3.49E-10	1,000,000	3.49E-04
286	27.03524	1.4417E-06	3.8978E-05	3.46E-04	1.35E-08	0.25	1.57E-01	5.30E-10	1,000,000	5.30E-04
287	2.62369	1.4417E-06	3.7827E-06	3.46E-04	1.31E-09	0.25	1.57E-01	5.14E-11	1,000,000	5.14E-05
288	2.93331	1.4417E-06	4.2291E-06	3.46E-04	1.46E-09	0.25	1.57E-01	5.75E-11	1,000,000	5.75E-05
289	3.29155	1.4417E-06	4.7456E-06	3.46E-04	1.64E-09	0.25	1.57E-01	6.45E-11	1,000,000	6.45E-05
290	3.71871	1.4417E-06	5.3614E-06	3.46E-04	1.86E-09	0.25	1.57E-01	7.29E-11	1,000,000	7.29E-05
291	4.23465	1.4417E-06	6.1053E-06	3.46E-04	2.11E-09	0.25	1.57E-01	8.30E-11	1,000,000	8.30E-05
292	4.88242	1.4417E-06	7.0392E-06	3.46E-04	2.44E-09	0.25	1.57E-01	9.57E-11	1,000,000	9.57E-05
293	5.70341	1.4417E-06	8.2229E-06	3.46E-04	2.85E-09	0.25	1.57E-01	1.12E-10	1,000,000	1.12E-04
294	6.80356	1.4417E-06	9.809E-06	3.46E-04	3.40E-09	0.25	1.57E-01	1.33E-10	1,000,000	1.33E-04
295	8.33187	1.4417E-06	1.2012E-05	3.46E-04	4.16E-09	0.25	1.57E-01	1.63E-10	1,000,000	1.63E-04
296	10.55436	1.4417E-06	1.5217E-05	3.46E-04	5.27E-09	0.25	1.57E-01	2.07E-10	1,000,000	2.07E-04
297	14.01197	1.4417E-06	2.0202E-05	3.46E-04	6.99E-09	0.25	1.57E-01	2.75E-10	1,000,000	2.75E-04
298	19.99276	1.4417E-06	2.8824E-05	3.46E-04	9.98E-09	0.25	1.57E-01	3.92E-10	1,000,000	3.92E-04
299	2.44522	1.4417E-06	3.5254E-06	3.46E-04	1.22E-09	0.25	1.57E-01	4.79E-11	1,000,000	4.79E-05
300	2.71627	1.4417E-06	3.9162E-06	3.46E-04	1.36E-09	0.25	1.57E-01	5.33E-11	1,000,000	5.33E-05
301	3.02572	1.4417E-06	4.3623E-06	3.46E-04	1.51E-09	0.25	1.57E-01	5.93E-11	1,000,000	5.93E-05
302	3.39035	1.4417E-06	4.888E-06	3.46E-04	1.69E-09	0.25	1.57E-01	6.65E-11	1,000,000	6.65E-05
303	3.83202	1.4417E-06	5.5248E-06	3.46E-04	1.91E-09	0.25	1.57E-01	7.51E-11	1,000,000	7.51E-05
304	4.36353	1.4417E-06	6.2911E-06	3.46E-04	2.18E-09	0.25	1.57E-01	8.56E-11	1,000,000	8.56E-05
305	5.04593	1.4417E-06	7.2749E-06	3.46E-04	2.52E-09	0.25	1.57E-01	9.89E-11	1,000,000	9.89E-05
306	5.92568	1.4417E-06	8.5433E-06	3.46E-04	2.96E-09	0.25	1.57E-01	1.16E-10	1,000,000	1.16E-04
307	7.11242	1.4417E-06	1.0254E-05	3.46E-04	3.55E-09	0.25	1.57E-01	1.39E-10	1,000,000	1.39E-04
308	8.76708	1.4417E-06	1.264E-05	3.46E-04	4.38E-09	0.25	1.57E-01	1.72E-10	1,000,000	1.72E-04

Sywest Industrial Building - Alternative 3
Unmitigated - Operational - ED Risk - Haul 2

		Cancer Risk from 3rd Trimester								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
309	11.21393	1.4417E-06	1.6168E-05	3.46E-04	5.60E-09	0.25	1.57E-01	2.20E-10	1,000,000	2.20E-04
310	15.22776	1.4417E-06	2.1955E-05	3.46E-04	7.60E-09	0.25	1.57E-01	2.99E-10	1,000,000	2.99E-04
311	2.28319	1.4417E-06	3.2918E-06	3.46E-04	1.14E-09	0.25	1.57E-01	4.48E-11	1,000,000	4.48E-05
312	2.52147	1.4417E-06	3.6353E-06	3.46E-04	1.26E-09	0.25	1.57E-01	4.94E-11	1,000,000	4.94E-05
313	2.79286	1.4417E-06	4.0266E-06	3.46E-04	1.39E-09	0.25	1.57E-01	5.48E-11	1,000,000	5.48E-05
314	3.10724	1.4417E-06	4.4798E-06	3.46E-04	1.55E-09	0.25	1.57E-01	6.09E-11	1,000,000	6.09E-05
315	3.47508	1.4417E-06	5.0102E-06	3.46E-04	1.73E-09	0.25	1.57E-01	6.81E-11	1,000,000	6.81E-05
316	3.91874	1.4417E-06	5.6498E-06	3.46E-04	1.96E-09	0.25	1.57E-01	7.68E-11	1,000,000	7.68E-05
317	4.4776	1.4417E-06	6.4556E-06	3.46E-04	2.23E-09	0.25	1.57E-01	8.78E-11	1,000,000	8.78E-05
318	5.17942	1.4417E-06	7.4674E-06	3.46E-04	2.58E-09	0.25	1.57E-01	1.02E-10	1,000,000	1.02E-04
319	6.10546	1.4417E-06	8.8025E-06	3.46E-04	3.05E-09	0.25	1.57E-01	1.20E-10	1,000,000	1.20E-04
320	7.34382	1.4417E-06	1.0588E-05	3.46E-04	3.67E-09	0.25	1.57E-01	1.44E-10	1,000,000	1.44E-04
321	9.11512	1.4417E-06	1.3142E-05	3.46E-04	4.55E-09	0.25	1.57E-01	1.79E-10	1,000,000	1.79E-04
322	11.80205	1.4417E-06	1.7016E-05	3.46E-04	5.89E-09	0.25	1.57E-01	2.31E-10	1,000,000	2.31E-04
323	2.13388	1.4417E-06	3.0765E-06	3.46E-04	1.06E-09	0.25	1.57E-01	4.18E-11	1,000,000	4.18E-05
324	2.34109	1.4417E-06	3.3753E-06	3.46E-04	1.17E-09	0.25	1.57E-01	4.59E-11	1,000,000	4.59E-05
325	2.57626	1.4417E-06	3.7143E-06	3.46E-04	1.29E-09	0.25	1.57E-01	5.05E-11	1,000,000	5.05E-05
326	2.83879	1.4417E-06	4.0928E-06	3.46E-04	1.42E-09	0.25	1.57E-01	5.57E-11	1,000,000	5.57E-05
327	3.16368	1.4417E-06	4.5612E-06	3.46E-04	1.58E-09	0.25	1.57E-01	6.20E-11	1,000,000	6.20E-05
328	3.53945	1.4417E-06	5.103E-06	3.46E-04	1.77E-09	0.25	1.57E-01	6.94E-11	1,000,000	6.94E-05
329	4.01522	1.4417E-06	5.7889E-06	3.46E-04	2.00E-09	0.25	1.57E-01	7.87E-11	1,000,000	7.87E-05
330	4.56585	1.4417E-06	6.5828E-06	3.46E-04	2.28E-09	0.25	1.57E-01	8.95E-11	1,000,000	8.95E-05
331	5.27941	1.4417E-06	7.6116E-06	3.46E-04	2.63E-09	0.25	1.57E-01	1.04E-10	1,000,000	1.04E-04
332	6.21448	1.4417E-06	8.9597E-06	3.46E-04	3.10E-09	0.25	1.57E-01	1.22E-10	1,000,000	1.22E-04
333	7.47665	1.4417E-06	1.0779E-05	3.46E-04	3.73E-09	0.25	1.57E-01	1.47E-10	1,000,000	1.47E-04
334	9.22295	1.4417E-06	1.3297E-05	3.46E-04	4.60E-09	0.25	1.57E-01	1.81E-10	1,000,000	1.81E-04
335	1.99586	1.4417E-06	2.8775E-06	3.46E-04	9.96E-10	0.25	1.57E-01	3.91E-11	1,000,000	3.91E-05
336	2.17695	1.4417E-06	3.1386E-06	3.46E-04	1.09E-09	0.25	1.57E-01	4.27E-11	1,000,000	4.27E-05
337	2.38081	1.4417E-06	3.4325E-06	3.46E-04	1.19E-09	0.25	1.57E-01	4.67E-11	1,000,000	4.67E-05
338	2.60799	1.4417E-06	3.7601E-06	3.46E-04	1.30E-09	0.25	1.57E-01	5.11E-11	1,000,000	5.11E-05
339	2.88399	1.4417E-06	4.158E-06	3.46E-04	1.44E-09	0.25	1.57E-01	5.65E-11	1,000,000	5.65E-05
340	3.19965	1.4417E-06	4.6131E-06	3.46E-04	1.60E-09	0.25	1.57E-01	6.27E-11	1,000,000	6.27E-05
341	3.58907	1.4417E-06	5.1745E-06	3.46E-04	1.79E-09	0.25	1.57E-01	7.04E-11	1,000,000	7.04E-05

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 2

	Cancer Risk from Birth to 2 years								
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
1	1.4417E-06	2.9396E-07	1.05E-03	3.07E-10	2.00	1.57E-01	9.66E-11	1,000,000	9.7E-05
2	1.4417E-06	2.5526E-07	1.05E-03	2.67E-10	2.00	1.57E-01	8.39E-11	1,000,000	8.39E-05
3	1.4417E-06	2.5927E-07	1.05E-03	2.71E-10	2.00	1.57E-01	8.52E-11	1,000,000	8.52E-05
4	1.4417E-06	2.6675E-07	1.05E-03	2.79E-10	2.00	1.57E-01	8.76E-11	1,000,000	8.76E-05
5	1.4417E-06	2.7448E-07	1.05E-03	2.87E-10	2.00	1.57E-01	9.02E-11	1,000,000	9.02E-05
6	1.4417E-06	2.7937E-07	1.05E-03	2.92E-10	2.00	1.57E-01	9.18E-11	1,000,000	9.18E-05
7	1.4417E-06	2.8832E-07	1.05E-03	3.01E-10	2.00	1.57E-01	9.47E-11	1,000,000	9.47E-05
8	1.4417E-06	2.3982E-07	1.05E-03	2.51E-10	2.00	1.57E-01	7.88E-11	1,000,000	7.88E-05
9	1.4417E-06	2.3783E-07	1.05E-03	2.49E-10	2.00	1.57E-01	7.81E-11	1,000,000	7.81E-05
10	1.4417E-06	2.3596E-07	1.05E-03	2.47E-10	2.00	1.57E-01	7.75E-11	1,000,000	7.75E-05
11	1.4417E-06	2.3401E-07	1.05E-03	2.45E-10	2.00	1.57E-01	7.69E-11	1,000,000	7.69E-05
12	1.4417E-06	2.3195E-07	1.05E-03	2.42E-10	2.00	1.57E-01	7.62E-11	1,000,000	7.62E-05
13	1.4417E-06	2.2981E-07	1.05E-03	2.40E-10	2.00	1.57E-01	7.55E-11	1,000,000	7.55E-05
14	1.4417E-06	2.2761E-07	1.05E-03	2.38E-10	2.00	1.57E-01	7.48E-11	1,000,000	7.48E-05
15	1.4417E-06	2.2537E-07	1.05E-03	2.36E-10	2.00	1.57E-01	7.40E-11	1,000,000	7.40E-05
16	1.4417E-06	2.5197E-07	1.05E-03	2.63E-10	2.00	1.57E-01	8.28E-11	1,000,000	8.28E-05
17	1.4417E-06	2.4983E-07	1.05E-03	2.61E-10	2.00	1.57E-01	8.21E-11	1,000,000	8.21E-05
18	1.4417E-06	2.4784E-07	1.05E-03	2.59E-10	2.00	1.57E-01	8.14E-11	1,000,000	8.14E-05
19	1.4417E-06	2.4576E-07	1.05E-03	2.57E-10	2.00	1.57E-01	8.07E-11	1,000,000	8.07E-05
20	1.4417E-06	2.4353E-07	1.05E-03	2.55E-10	2.00	1.57E-01	8.00E-11	1,000,000	8.00E-05
21	1.4417E-06	2.413E-07	1.05E-03	2.52E-10	2.00	1.57E-01	7.93E-11	1,000,000	7.93E-05
22	1.4417E-06	2.3901E-07	1.05E-03	2.50E-10	2.00	1.57E-01	7.85E-11	1,000,000	7.85E-05
23	1.4417E-06	2.3656E-07	1.05E-03	2.47E-10	2.00	1.57E-01	7.77E-11	1,000,000	7.77E-05
24	1.4417E-06	2.6077E-07	1.05E-03	2.73E-10	2.00	1.57E-01	8.57E-11	1,000,000	8.57E-05
25	1.4417E-06	2.5855E-07	1.05E-03	2.70E-10	2.00	1.57E-01	8.49E-11	1,000,000	8.49E-05
26	1.4417E-06	2.561E-07	1.05E-03	2.68E-10	2.00	1.57E-01	8.41E-11	1,000,000	8.41E-05
27	1.4417E-06	2.5372E-07	1.05E-03	2.65E-10	2.00	1.57E-01	8.33E-11	1,000,000	8.33E-05
28	1.4417E-06	2.5131E-07	1.05E-03	2.63E-10	2.00	1.57E-01	8.26E-11	1,000,000	8.26E-05
29	1.4417E-06	2.4864E-07	1.05E-03	2.60E-10	2.00	1.57E-01	8.17E-11	1,000,000	8.17E-05
30	1.4417E-06	2.7487E-07	1.05E-03	2.87E-10	2.00	1.57E-01	9.03E-11	1,000,000	9.03E-05
31	1.4417E-06	2.7253E-07	1.05E-03	2.85E-10	2.00	1.57E-01	8.95E-11	1,000,000	8.95E-05
32	1.4417E-06	2.6987E-07	1.05E-03	2.82E-10	2.00	1.57E-01	8.86E-11	1,000,000	8.86E-05
33	1.4417E-06	2.6733E-07	1.05E-03	2.79E-10	2.00	1.57E-01	8.78E-11	1,000,000	8.78E-05

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 2

	Cancer Risk from Birth to 2 years								
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
34	1.4417E-06	2.6475E-07	1.05E-03	2.77E-10	2.00	1.57E-01	8.70E-11	1,000,000	8.70E-05
35	1.4417E-06	2.6192E-07	1.05E-03	2.74E-10	2.00	1.57E-01	8.60E-11	1,000,000	8.60E-05
36	1.4417E-06	2.9041E-07	1.05E-03	3.04E-10	2.00	1.57E-01	9.54E-11	1,000,000	9.54E-05
37	1.4417E-06	2.8787E-07	1.05E-03	3.01E-10	2.00	1.57E-01	9.46E-11	1,000,000	9.46E-05
38	1.4417E-06	2.8502E-07	1.05E-03	2.98E-10	2.00	1.57E-01	9.36E-11	1,000,000	9.36E-05
39	1.4417E-06	2.8226E-07	1.05E-03	2.95E-10	2.00	1.57E-01	9.27E-11	1,000,000	9.27E-05
40	1.4417E-06	2.7951E-07	1.05E-03	2.92E-10	2.00	1.57E-01	9.18E-11	1,000,000	9.18E-05
41	1.4417E-06	2.7645E-07	1.05E-03	2.89E-10	2.00	1.57E-01	9.08E-11	1,000,000	9.08E-05
42	1.4417E-06	3.3071E-07	1.05E-03	3.46E-10	2.00	1.57E-01	1.09E-10	1,000,000	1.09E-04
43	1.4417E-06	3.3066E-07	1.05E-03	3.46E-10	2.00	1.57E-01	1.09E-10	1,000,000	1.09E-04
44	1.4417E-06	3.2996E-07	1.05E-03	3.45E-10	2.00	1.57E-01	1.08E-10	1,000,000	1.08E-04
45	1.4417E-06	3.287E-07	1.05E-03	3.44E-10	2.00	1.57E-01	1.08E-10	1,000,000	1.08E-04
46	1.4417E-06	3.2693E-07	1.05E-03	3.42E-10	2.00	1.57E-01	1.07E-10	1,000,000	1.07E-04
47	1.4417E-06	3.2471E-07	1.05E-03	3.39E-10	2.00	1.57E-01	1.07E-10	1,000,000	1.07E-04
48	1.4417E-06	3.225E-07	1.05E-03	3.37E-10	2.00	1.57E-01	1.06E-10	1,000,000	1.06E-04
49	1.4417E-06	3.0747E-07	1.05E-03	3.21E-10	2.00	1.57E-01	1.01E-10	1,000,000	1.01E-04
50	1.4417E-06	3.0476E-07	1.05E-03	3.19E-10	2.00	1.57E-01	1.00E-10	1,000,000	1.00E-04
51	1.4417E-06	3.017E-07	1.05E-03	3.15E-10	2.00	1.57E-01	9.91E-11	1,000,000	9.91E-05
52	1.4417E-06	2.9873E-07	1.05E-03	3.12E-10	2.00	1.57E-01	9.81E-11	1,000,000	9.81E-05
53	1.4417E-06	2.9569E-07	1.05E-03	3.09E-10	2.00	1.57E-01	9.71E-11	1,000,000	9.71E-05
54	1.4417E-06	2.9236E-07	1.05E-03	3.06E-10	2.00	1.57E-01	9.60E-11	1,000,000	9.60E-05
55	1.4417E-06	3.4879E-07	1.05E-03	3.65E-10	2.00	1.57E-01	1.15E-10	1,000,000	1.15E-04
56	1.4417E-06	3.4958E-07	1.05E-03	3.65E-10	2.00	1.57E-01	1.15E-10	1,000,000	1.15E-04
57	1.4417E-06	3.499E-07	1.05E-03	3.66E-10	2.00	1.57E-01	1.15E-10	1,000,000	1.15E-04
58	1.4417E-06	3.4928E-07	1.05E-03	3.65E-10	2.00	1.57E-01	1.15E-10	1,000,000	1.15E-04
59	1.4417E-06	3.4822E-07	1.05E-03	3.64E-10	2.00	1.57E-01	1.14E-10	1,000,000	1.14E-04
60	1.4417E-06	3.4667E-07	1.05E-03	3.62E-10	2.00	1.57E-01	1.14E-10	1,000,000	1.14E-04
61	1.4417E-06	3.4443E-07	1.05E-03	3.60E-10	2.00	1.57E-01	1.13E-10	1,000,000	1.13E-04
62	1.4417E-06	3.4211E-07	1.05E-03	3.58E-10	2.00	1.57E-01	1.12E-10	1,000,000	1.12E-04
63	1.4417E-06	3.3988E-07	1.05E-03	3.55E-10	2.00	1.57E-01	1.12E-10	1,000,000	1.12E-04
64	1.4417E-06	3.2628E-07	1.05E-03	3.41E-10	2.00	1.57E-01	1.07E-10	1,000,000	1.07E-04
65	1.4417E-06	3.234E-07	1.05E-03	3.38E-10	2.00	1.57E-01	1.06E-10	1,000,000	1.06E-04
66	1.4417E-06	3.2018E-07	1.05E-03	3.35E-10	2.00	1.57E-01	1.05E-10	1,000,000	1.05E-04

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 2

	Cancer Risk from Birth to 2 years								
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
67	1.4417E-06	3.1684E-07	1.05E-03	3.31E-10	2.00	1.57E-01	1.04E-10	1,000,000	1.04E-04
68	1.4417E-06	3.1355E-07	1.05E-03	3.28E-10	2.00	1.57E-01	1.03E-10	1,000,000	1.03E-04
69	1.4417E-06	3.1E-07	1.05E-03	3.24E-10	2.00	1.57E-01	1.02E-10	1,000,000	1.02E-04
70	1.4417E-06	3.7007E-07	1.05E-03	3.87E-10	2.00	1.57E-01	1.22E-10	1,000,000	1.22E-04
71	1.4417E-06	3.7092E-07	1.05E-03	3.88E-10	2.00	1.57E-01	1.22E-10	1,000,000	1.22E-04
72	1.4417E-06	3.7076E-07	1.05E-03	3.88E-10	2.00	1.57E-01	1.22E-10	1,000,000	1.22E-04
73	1.4417E-06	3.6972E-07	1.05E-03	3.86E-10	2.00	1.57E-01	1.21E-10	1,000,000	1.21E-04
74	1.4417E-06	3.6835E-07	1.05E-03	3.85E-10	2.00	1.57E-01	1.21E-10	1,000,000	1.21E-04
75	1.4417E-06	3.6641E-07	1.05E-03	3.83E-10	2.00	1.57E-01	1.20E-10	1,000,000	1.20E-04
76	1.4417E-06	3.6372E-07	1.05E-03	3.80E-10	2.00	1.57E-01	1.19E-10	1,000,000	1.19E-04
77	1.4417E-06	3.6147E-07	1.05E-03	3.78E-10	2.00	1.57E-01	1.19E-10	1,000,000	1.19E-04
78	1.4417E-06	3.4394E-07	1.05E-03	3.59E-10	2.00	1.57E-01	1.13E-10	1,000,000	1.13E-04
79	1.4417E-06	3.4031E-07	1.05E-03	3.56E-10	2.00	1.57E-01	1.12E-10	1,000,000	1.12E-04
80	1.4417E-06	3.3675E-07	1.05E-03	3.52E-10	2.00	1.57E-01	1.11E-10	1,000,000	1.11E-04
81	1.4417E-06	3.3316E-07	1.05E-03	3.48E-10	2.00	1.57E-01	1.09E-10	1,000,000	1.09E-04
82	1.4417E-06	3.2927E-07	1.05E-03	3.44E-10	2.00	1.57E-01	1.08E-10	1,000,000	1.08E-04
83	1.4417E-06	3.9267E-07	1.05E-03	4.10E-10	2.00	1.57E-01	1.29E-10	1,000,000	1.29E-04
84	1.4417E-06	3.9394E-07	1.05E-03	4.12E-10	2.00	1.57E-01	1.29E-10	1,000,000	1.29E-04
85	1.4417E-06	3.944E-07	1.05E-03	4.12E-10	2.00	1.57E-01	1.30E-10	1,000,000	1.30E-04
86	1.4417E-06	3.9364E-07	1.05E-03	4.11E-10	2.00	1.57E-01	1.29E-10	1,000,000	1.29E-04
87	1.4417E-06	3.9231E-07	1.05E-03	4.10E-10	2.00	1.57E-01	1.29E-10	1,000,000	1.29E-04
88	1.4417E-06	3.9057E-07	1.05E-03	4.08E-10	2.00	1.57E-01	1.28E-10	1,000,000	1.28E-04
89	1.4417E-06	3.8799E-07	1.05E-03	4.06E-10	2.00	1.57E-01	1.27E-10	1,000,000	1.27E-04
90	1.4417E-06	3.8542E-07	1.05E-03	4.03E-10	2.00	1.57E-01	1.27E-10	1,000,000	1.27E-04
91	1.4417E-06	3.8304E-07	1.05E-03	4.00E-10	2.00	1.57E-01	1.26E-10	1,000,000	1.26E-04
92	1.4417E-06	3.7025E-07	1.05E-03	3.87E-10	2.00	1.57E-01	1.22E-10	1,000,000	1.22E-04
93	1.4417E-06	3.6675E-07	1.05E-03	3.83E-10	2.00	1.57E-01	1.20E-10	1,000,000	1.20E-04
94	1.4417E-06	3.6276E-07	1.05E-03	3.79E-10	2.00	1.57E-01	1.19E-10	1,000,000	1.19E-04
95	1.4417E-06	3.5889E-07	1.05E-03	3.75E-10	2.00	1.57E-01	1.18E-10	1,000,000	1.18E-04
96	1.4417E-06	3.5493E-07	1.05E-03	3.71E-10	2.00	1.57E-01	1.17E-10	1,000,000	1.17E-04
97	1.4417E-06	3.5068E-07	1.05E-03	3.67E-10	2.00	1.57E-01	1.15E-10	1,000,000	1.15E-04
98	1.4417E-06	4.1922E-07	1.05E-03	4.38E-10	2.00	1.57E-01	1.38E-10	1,000,000	1.38E-04
99	1.4417E-06	4.2047E-07	1.05E-03	4.39E-10	2.00	1.57E-01	1.38E-10	1,000,000	1.38E-04

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 2

	Cancer Risk from Birth to 2 years								
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
100	1.4417E-06	4.2043E-07	1.05E-03	4.39E-10	2.00	1.57E-01	1.38E-10	1,000,000	1.38E-04
101	1.4417E-06	4.1888E-07	1.05E-03	4.38E-10	2.00	1.57E-01	1.38E-10	1,000,000	1.38E-04
102	1.4417E-06	4.1743E-07	1.05E-03	4.36E-10	2.00	1.57E-01	1.37E-10	1,000,000	1.37E-04
103	1.4417E-06	4.1521E-07	1.05E-03	4.34E-10	2.00	1.57E-01	1.36E-10	1,000,000	1.36E-04
104	1.4417E-06	4.1225E-07	1.05E-03	4.31E-10	2.00	1.57E-01	1.35E-10	1,000,000	1.35E-04
105	1.4417E-06	4.0999E-07	1.05E-03	4.29E-10	2.00	1.57E-01	1.35E-10	1,000,000	1.35E-04
106	1.4417E-06	3.9644E-07	1.05E-03	4.14E-10	2.00	1.57E-01	1.30E-10	1,000,000	1.30E-04
107	1.4417E-06	3.9244E-07	1.05E-03	4.10E-10	2.00	1.57E-01	1.29E-10	1,000,000	1.29E-04
108	1.4417E-06	3.8806E-07	1.05E-03	4.06E-10	2.00	1.57E-01	1.27E-10	1,000,000	1.27E-04
109	1.4417E-06	3.8361E-07	1.05E-03	4.01E-10	2.00	1.57E-01	1.26E-10	1,000,000	1.26E-04
110	1.4417E-06	3.7921E-07	1.05E-03	3.96E-10	2.00	1.57E-01	1.25E-10	1,000,000	1.25E-04
111	1.4417E-06	3.7438E-07	1.05E-03	3.91E-10	2.00	1.57E-01	1.23E-10	1,000,000	1.23E-04
112	1.4417E-06	4.4923E-07	1.05E-03	4.70E-10	2.00	1.57E-01	1.48E-10	1,000,000	1.48E-04
113	1.4417E-06	4.4991E-07	1.05E-03	4.70E-10	2.00	1.57E-01	1.48E-10	1,000,000	1.48E-04
114	1.4417E-06	4.4893E-07	1.05E-03	4.69E-10	2.00	1.57E-01	1.47E-10	1,000,000	1.47E-04
115	1.4417E-06	4.4737E-07	1.05E-03	4.68E-10	2.00	1.57E-01	1.47E-10	1,000,000	1.47E-04
116	1.4417E-06	4.4563E-07	1.05E-03	4.66E-10	2.00	1.57E-01	1.46E-10	1,000,000	1.46E-04
117	1.4417E-06	4.4277E-07	1.05E-03	4.63E-10	2.00	1.57E-01	1.45E-10	1,000,000	1.45E-04
118	1.4417E-06	4.4004E-07	1.05E-03	4.60E-10	2.00	1.57E-01	1.45E-10	1,000,000	1.45E-04
119	1.4417E-06	4.3737E-07	1.05E-03	4.57E-10	2.00	1.57E-01	1.44E-10	1,000,000	1.44E-04
120	1.4417E-06	4.2606E-07	1.05E-03	4.45E-10	2.00	1.57E-01	1.40E-10	1,000,000	1.40E-04
121	1.4417E-06	4.2134E-07	1.05E-03	4.40E-10	2.00	1.57E-01	1.38E-10	1,000,000	1.38E-04
122	1.4417E-06	4.1665E-07	1.05E-03	4.35E-10	2.00	1.57E-01	1.37E-10	1,000,000	1.37E-04
123	1.4417E-06	4.1157E-07	1.05E-03	4.30E-10	2.00	1.57E-01	1.35E-10	1,000,000	1.35E-04
124	1.4417E-06	4.0646E-07	1.05E-03	4.25E-10	2.00	1.57E-01	1.34E-10	1,000,000	1.34E-04
125	1.4417E-06	4.0108E-07	1.05E-03	4.19E-10	2.00	1.57E-01	1.32E-10	1,000,000	1.32E-04
126	1.4417E-06	4.8099E-07	1.05E-03	5.03E-10	2.00	1.57E-01	1.58E-10	1,000,000	1.58E-04
127	1.4417E-06	4.8258E-07	1.05E-03	5.04E-10	2.00	1.57E-01	1.59E-10	1,000,000	1.59E-04
128	1.4417E-06	4.8278E-07	1.05E-03	5.05E-10	2.00	1.57E-01	1.59E-10	1,000,000	1.59E-04
129	1.4417E-06	4.8115E-07	1.05E-03	5.03E-10	2.00	1.57E-01	1.58E-10	1,000,000	1.58E-04
130	1.4417E-06	4.7976E-07	1.05E-03	5.01E-10	2.00	1.57E-01	1.58E-10	1,000,000	1.58E-04
131	1.4417E-06	4.7745E-07	1.05E-03	4.99E-10	2.00	1.57E-01	1.57E-10	1,000,000	1.57E-04
132	1.4417E-06	4.7409E-07	1.05E-03	4.96E-10	2.00	1.57E-01	1.56E-10	1,000,000	1.56E-04

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 2

	Cancer Risk from Birth to 2 years								
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
133	1.4417E-06	4.7147E-07	1.05E-03	4.93E-10	2.00	1.57E-01	1.55E-10	1,000,000	1.55E-04
134	1.4417E-06	4.5331E-07	1.05E-03	4.74E-10	2.00	1.57E-01	1.49E-10	1,000,000	1.49E-04
135	1.4417E-06	4.4848E-07	1.05E-03	4.69E-10	2.00	1.57E-01	1.47E-10	1,000,000	1.47E-04
136	1.4417E-06	4.4315E-07	1.05E-03	4.63E-10	2.00	1.57E-01	1.46E-10	1,000,000	1.46E-04
137	1.4417E-06	4.3728E-07	1.05E-03	4.57E-10	2.00	1.57E-01	1.44E-10	1,000,000	1.44E-04
138	1.4417E-06	4.3102E-07	1.05E-03	4.51E-10	2.00	1.57E-01	1.42E-10	1,000,000	1.42E-04
139	1.4417E-06	5.1923E-07	1.05E-03	5.43E-10	2.00	1.57E-01	1.71E-10	1,000,000	1.71E-04
140	1.4417E-06	5.207E-07	1.05E-03	5.44E-10	2.00	1.57E-01	1.71E-10	1,000,000	1.71E-04
141	1.4417E-06	5.1999E-07	1.05E-03	5.44E-10	2.00	1.57E-01	1.71E-10	1,000,000	1.71E-04
142	1.4417E-06	5.1839E-07	1.05E-03	5.42E-10	2.00	1.57E-01	1.70E-10	1,000,000	1.70E-04
143	1.4417E-06	5.1674E-07	1.05E-03	5.40E-10	2.00	1.57E-01	1.70E-10	1,000,000	1.70E-04
144	1.4417E-06	5.1362E-07	1.05E-03	5.37E-10	2.00	1.57E-01	1.69E-10	1,000,000	1.69E-04
145	1.4417E-06	5.1013E-07	1.05E-03	5.33E-10	2.00	1.57E-01	1.68E-10	1,000,000	1.68E-04
146	1.4417E-06	5.067E-07	1.05E-03	5.30E-10	2.00	1.57E-01	1.66E-10	1,000,000	1.66E-04
147	1.4417E-06	4.9067E-07	1.05E-03	5.13E-10	2.00	1.57E-01	1.61E-10	1,000,000	1.61E-04
148	1.4417E-06	4.8496E-07	1.05E-03	5.07E-10	2.00	1.57E-01	1.59E-10	1,000,000	1.59E-04
149	1.4417E-06	4.7879E-07	1.05E-03	5.00E-10	2.00	1.57E-01	1.57E-10	1,000,000	1.57E-04
150	1.4417E-06	4.723E-07	1.05E-03	4.94E-10	2.00	1.57E-01	1.55E-10	1,000,000	1.55E-04
151	1.4417E-06	4.6525E-07	1.05E-03	4.86E-10	2.00	1.57E-01	1.53E-10	1,000,000	1.53E-04
152	1.4417E-06	5.6091E-07	1.05E-03	5.86E-10	2.00	1.57E-01	1.84E-10	1,000,000	1.84E-04
153	1.4417E-06	5.6346E-07	1.05E-03	5.89E-10	2.00	1.57E-01	1.85E-10	1,000,000	1.85E-04
154	1.4417E-06	5.6414E-07	1.05E-03	5.90E-10	2.00	1.57E-01	1.85E-10	1,000,000	1.85E-04
155	1.4417E-06	5.6276E-07	1.05E-03	5.88E-10	2.00	1.57E-01	1.85E-10	1,000,000	1.85E-04
156	1.4417E-06	5.6133E-07	1.05E-03	5.87E-10	2.00	1.57E-01	1.84E-10	1,000,000	1.84E-04
157	1.4417E-06	5.5888E-07	1.05E-03	5.84E-10	2.00	1.57E-01	1.84E-10	1,000,000	1.84E-04
158	1.4417E-06	5.5523E-07	1.05E-03	5.80E-10	2.00	1.57E-01	1.82E-10	1,000,000	1.82E-04
159	1.4417E-06	5.5088E-07	1.05E-03	5.76E-10	2.00	1.57E-01	1.81E-10	1,000,000	1.81E-04
160	1.4417E-06	5.4534E-07	1.05E-03	5.70E-10	2.00	1.57E-01	1.79E-10	1,000,000	1.79E-04
161	1.4417E-06	5.3963E-07	1.05E-03	5.64E-10	2.00	1.57E-01	1.77E-10	1,000,000	1.77E-04
162	1.4417E-06	5.3301E-07	1.05E-03	5.57E-10	2.00	1.57E-01	1.75E-10	1,000,000	1.75E-04
163	1.4417E-06	5.2612E-07	1.05E-03	5.50E-10	2.00	1.57E-01	1.73E-10	1,000,000	1.73E-04
164	1.4417E-06	5.1914E-07	1.05E-03	5.43E-10	2.00	1.57E-01	1.71E-10	1,000,000	1.71E-04
165	1.4417E-06	5.124E-07	1.05E-03	5.36E-10	2.00	1.57E-01	1.68E-10	1,000,000	1.68E-04

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 2

	Cancer Risk from Birth to 2 years								
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
166	1.4417E-06	5.0475E-07	1.05E-03	5.28E-10	2.00	1.57E-01	1.66E-10	1,000,000	1.66E-04
167	1.4417E-06	6.1219E-07	1.05E-03	6.40E-10	2.00	1.57E-01	2.01E-10	1,000,000	2.01E-04
168	1.4417E-06	6.1463E-07	1.05E-03	6.42E-10	2.00	1.57E-01	2.02E-10	1,000,000	2.02E-04
169	1.4417E-06	6.145E-07	1.05E-03	6.42E-10	2.00	1.57E-01	2.02E-10	1,000,000	2.02E-04
170	1.4417E-06	6.1268E-07	1.05E-03	6.40E-10	2.00	1.57E-01	2.01E-10	1,000,000	2.01E-04
171	1.4417E-06	6.1052E-07	1.05E-03	6.38E-10	2.00	1.57E-01	2.01E-10	1,000,000	2.01E-04
172	1.4417E-06	6.0672E-07	1.05E-03	6.34E-10	2.00	1.57E-01	1.99E-10	1,000,000	1.99E-04
173	1.4417E-06	6.0125E-07	1.05E-03	6.28E-10	2.00	1.57E-01	1.98E-10	1,000,000	1.98E-04
174	1.4417E-06	5.9455E-07	1.05E-03	6.21E-10	2.00	1.57E-01	1.95E-10	1,000,000	1.95E-04
175	1.4417E-06	5.8846E-07	1.05E-03	6.15E-10	2.00	1.57E-01	1.93E-10	1,000,000	1.93E-04
176	1.4417E-06	5.8124E-07	1.05E-03	6.08E-10	2.00	1.57E-01	1.91E-10	1,000,000	1.91E-04
177	1.4417E-06	5.7373E-07	1.05E-03	6.00E-10	2.00	1.57E-01	1.88E-10	1,000,000	1.88E-04
178	1.4417E-06	5.6627E-07	1.05E-03	5.92E-10	2.00	1.57E-01	1.86E-10	1,000,000	1.86E-04
179	1.4417E-06	5.5866E-07	1.05E-03	5.84E-10	2.00	1.57E-01	1.84E-10	1,000,000	1.84E-04
180	1.4417E-06	5.4982E-07	1.05E-03	5.75E-10	2.00	1.57E-01	1.81E-10	1,000,000	1.81E-04
181	1.4417E-06	6.7004E-07	1.05E-03	7.00E-10	2.00	1.57E-01	2.20E-10	1,000,000	2.20E-04
182	1.4417E-06	6.7292E-07	1.05E-03	7.03E-10	2.00	1.57E-01	2.21E-10	1,000,000	2.21E-04
183	1.4417E-06	6.7465E-07	1.05E-03	7.05E-10	2.00	1.57E-01	2.22E-10	1,000,000	2.22E-04
184	1.4417E-06	6.7353E-07	1.05E-03	7.04E-10	2.00	1.57E-01	2.21E-10	1,000,000	2.21E-04
185	1.4417E-06	6.7109E-07	1.05E-03	7.01E-10	2.00	1.57E-01	2.20E-10	1,000,000	2.20E-04
186	1.4417E-06	6.6734E-07	1.05E-03	6.98E-10	2.00	1.57E-01	2.19E-10	1,000,000	2.19E-04
187	1.4417E-06	6.6165E-07	1.05E-03	6.92E-10	2.00	1.57E-01	2.17E-10	1,000,000	2.17E-04
188	1.4417E-06	6.5493E-07	1.05E-03	6.85E-10	2.00	1.57E-01	2.15E-10	1,000,000	2.15E-04
189	1.4417E-06	6.4765E-07	1.05E-03	6.77E-10	2.00	1.57E-01	2.13E-10	1,000,000	2.13E-04
190	1.4417E-06	6.3956E-07	1.05E-03	6.68E-10	2.00	1.57E-01	2.10E-10	1,000,000	2.10E-04
191	1.4417E-06	6.3082E-07	1.05E-03	6.59E-10	2.00	1.57E-01	2.07E-10	1,000,000	2.07E-04
192	1.4417E-06	6.2168E-07	1.05E-03	6.50E-10	2.00	1.57E-01	2.04E-10	1,000,000	2.04E-04
193	1.4417E-06	6.1238E-07	1.05E-03	6.40E-10	2.00	1.57E-01	2.01E-10	1,000,000	2.01E-04
194	1.4417E-06	6.016E-07	1.05E-03	6.29E-10	2.00	1.57E-01	1.98E-10	1,000,000	1.98E-04
195	1.4417E-06	7.4068E-07	1.05E-03	7.74E-10	2.00	1.57E-01	2.43E-10	1,000,000	2.43E-04
196	1.4417E-06	7.4496E-07	1.05E-03	7.79E-10	2.00	1.57E-01	2.45E-10	1,000,000	2.45E-04
197	1.4417E-06	7.4573E-07	1.05E-03	7.79E-10	2.00	1.57E-01	2.45E-10	1,000,000	2.45E-04
198	1.4417E-06	7.4246E-07	1.05E-03	7.76E-10	2.00	1.57E-01	2.44E-10	1,000,000	2.44E-04

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 2

					Cancer Risk from Birth to 2 years				
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
199	1.4417E-06	7.3825E-07	1.05E-03	7.72E-10	2.00	1.57E-01	2.43E-10	1,000,000	2.43E-04
200	1.4417E-06	7.3228E-07	1.05E-03	7.65E-10	2.00	1.57E-01	2.41E-10	1,000,000	2.41E-04
201	1.4417E-06	7.2501E-07	1.05E-03	7.58E-10	2.00	1.57E-01	2.38E-10	1,000,000	2.38E-04
202	1.4417E-06	7.164E-07	1.05E-03	7.49E-10	2.00	1.57E-01	2.35E-10	1,000,000	2.35E-04
203	1.4417E-06	7.0696E-07	1.05E-03	7.39E-10	2.00	1.57E-01	2.32E-10	1,000,000	2.32E-04
204	1.4417E-06	6.9658E-07	1.05E-03	7.28E-10	2.00	1.57E-01	2.29E-10	1,000,000	2.29E-04
205	1.4417E-06	6.8542E-07	1.05E-03	7.16E-10	2.00	1.57E-01	2.25E-10	1,000,000	2.25E-04
206	1.4417E-06	6.7436E-07	1.05E-03	7.05E-10	2.00	1.57E-01	2.22E-10	1,000,000	2.22E-04
207	1.4417E-06	6.6169E-07	1.05E-03	6.92E-10	2.00	1.57E-01	2.17E-10	1,000,000	2.17E-04
208	1.4417E-06	8.2779E-07	1.05E-03	8.65E-10	2.00	1.57E-01	2.72E-10	1,000,000	2.72E-04
209	1.4417E-06	8.3107E-07	1.05E-03	8.69E-10	2.00	1.57E-01	2.73E-10	1,000,000	2.73E-04
210	1.4417E-06	8.2997E-07	1.05E-03	8.67E-10	2.00	1.57E-01	2.73E-10	1,000,000	2.73E-04
211	1.4417E-06	8.2491E-07	1.05E-03	8.62E-10	2.00	1.57E-01	2.71E-10	1,000,000	2.71E-04
212	1.4417E-06	8.1782E-07	1.05E-03	8.55E-10	2.00	1.57E-01	2.69E-10	1,000,000	2.69E-04
213	1.4417E-06	8.0899E-07	1.05E-03	8.46E-10	2.00	1.57E-01	2.66E-10	1,000,000	2.66E-04
214	1.4417E-06	7.9845E-07	1.05E-03	8.35E-10	2.00	1.57E-01	2.62E-10	1,000,000	2.62E-04
215	1.4417E-06	7.8582E-07	1.05E-03	8.21E-10	2.00	1.57E-01	2.58E-10	1,000,000	2.58E-04
216	1.4417E-06	7.7344E-07	1.05E-03	8.08E-10	2.00	1.57E-01	2.54E-10	1,000,000	2.54E-04
217	1.4417E-06	7.6052E-07	1.05E-03	7.95E-10	2.00	1.57E-01	2.50E-10	1,000,000	2.50E-04
218	1.4417E-06	7.4716E-07	1.05E-03	7.81E-10	2.00	1.57E-01	2.45E-10	1,000,000	2.45E-04
219	1.4417E-06	7.3212E-07	1.05E-03	7.65E-10	2.00	1.57E-01	2.40E-10	1,000,000	2.40E-04
220	1.4417E-06	9.2455E-07	1.05E-03	9.66E-10	2.00	1.57E-01	3.04E-10	1,000,000	3.04E-04
221	1.4417E-06	9.1385E-07	1.05E-03	9.55E-10	2.00	1.57E-01	3.00E-10	1,000,000	3.00E-04
222	1.4417E-06	9.0092E-07	1.05E-03	9.42E-10	2.00	1.57E-01	2.96E-10	1,000,000	2.96E-04
223	1.4417E-06	8.8582E-07	1.05E-03	9.26E-10	2.00	1.57E-01	2.91E-10	1,000,000	2.91E-04
224	1.4417E-06	8.694E-07	1.05E-03	9.09E-10	2.00	1.57E-01	2.86E-10	1,000,000	2.86E-04
225	1.4417E-06	8.5269E-07	1.05E-03	8.91E-10	2.00	1.57E-01	2.80E-10	1,000,000	2.80E-04
226	1.4417E-06	8.3453E-07	1.05E-03	8.72E-10	2.00	1.57E-01	2.74E-10	1,000,000	2.74E-04
227	1.4417E-06	8.1438E-07	1.05E-03	8.51E-10	2.00	1.57E-01	2.68E-10	1,000,000	2.68E-04
228	1.4417E-06	1.0407E-06	1.05E-03	1.09E-09	2.00	1.57E-01	3.42E-10	1,000,000	3.42E-04
229	1.4417E-06	1.0241E-06	1.05E-03	1.07E-09	2.00	1.57E-01	3.36E-10	1,000,000	3.36E-04
230	1.4417E-06	1.0053E-06	1.05E-03	1.05E-09	2.00	1.57E-01	3.30E-10	1,000,000	3.30E-04
231	1.4417E-06	9.8366E-07	1.05E-03	1.03E-09	2.00	1.57E-01	3.23E-10	1,000,000	3.23E-04

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 2

					Cancer Risk from Birth to 2 years				
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
232	1.4417E-06	9.6192E-07	1.05E-03	1.01E-09	2.00	1.57E-01	3.16E-10	1,000,000	3.16E-04
233	1.4417E-06	9.376E-07	1.05E-03	9.80E-10	2.00	1.57E-01	3.08E-10	1,000,000	3.08E-04
234	1.4417E-06	9.1079E-07	1.05E-03	9.52E-10	2.00	1.57E-01	2.99E-10	1,000,000	2.99E-04
235	1.4417E-06	8.2481E-07	1.05E-03	8.62E-10	2.00	1.57E-01	2.71E-10	1,000,000	2.71E-04
236	1.4417E-06	9.3056E-07	1.05E-03	9.73E-10	2.00	1.57E-01	3.06E-10	1,000,000	3.06E-04
237	1.4417E-06	9.3532E-07	1.05E-03	9.78E-10	2.00	1.57E-01	3.07E-10	1,000,000	3.07E-04
238	1.4417E-06	9.3411E-07	1.05E-03	9.76E-10	2.00	1.57E-01	3.07E-10	1,000,000	3.07E-04
239	1.4417E-06	1.0614E-06	1.05E-03	1.11E-09	2.00	1.57E-01	3.49E-10	1,000,000	3.49E-04
240	1.4417E-06	1.0617E-06	1.05E-03	1.11E-09	2.00	1.57E-01	3.49E-10	1,000,000	3.49E-04
241	1.4417E-06	1.0582E-06	1.05E-03	1.11E-09	2.00	1.57E-01	3.48E-10	1,000,000	3.48E-04
242	1.4417E-06	1.0475E-06	1.05E-03	1.09E-09	2.00	1.57E-01	3.44E-10	1,000,000	3.44E-04

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 2

	Cancer Risk from Birth to 2 years								
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
243	1.4417E-06	6.8674E-06	1.05E-03	7.18E-09	2.00	1.57E-01	2.26E-09	1,000,000	2.26E-03
244	1.4417E-06	8.0617E-06	1.05E-03	8.43E-09	2.00	1.57E-01	2.65E-09	1,000,000	2.65E-03
245	1.4417E-06	9.6162E-06	1.05E-03	1.01E-08	2.00	1.57E-01	3.16E-09	1,000,000	3.16E-03
246	1.4417E-06	1.1726E-05	1.05E-03	1.23E-08	2.00	1.57E-01	3.85E-09	1,000,000	3.85E-03
247	1.4417E-06	1.4674E-05	1.05E-03	1.53E-08	2.00	1.57E-01	4.82E-09	1,000,000	4.82E-03
248	1.4417E-06	1.9078E-05	1.05E-03	1.99E-08	2.00	1.57E-01	6.27E-09	1,000,000	6.27E-03
249	1.4417E-06	2.6195E-05	1.05E-03	2.74E-08	2.00	1.57E-01	8.60E-09	1,000,000	8.60E-03
250	1.4417E-06	3.9189E-05	1.05E-03	4.10E-08	2.00	1.57E-01	1.29E-08	1,000,000	1.29E-02
251	1.4417E-06	3.4578E-05	1.05E-03	3.61E-08	2.00	1.57E-01	1.14E-08	1,000,000	1.14E-02
252	1.4417E-06	4.7107E-06	1.05E-03	4.92E-09	2.00	1.57E-01	1.55E-09	1,000,000	1.55E-03
253	1.4417E-06	5.3991E-06	1.05E-03	5.64E-09	2.00	1.57E-01	1.77E-09	1,000,000	1.77E-03
254	1.4417E-06	6.2239E-06	1.05E-03	6.51E-09	2.00	1.57E-01	2.04E-09	1,000,000	2.04E-03
255	1.4417E-06	7.2389E-06	1.05E-03	7.57E-09	2.00	1.57E-01	2.38E-09	1,000,000	2.38E-03
256	1.4417E-06	8.5297E-06	1.05E-03	8.92E-09	2.00	1.57E-01	2.80E-09	1,000,000	2.80E-03
257	1.4417E-06	1.02E-05	1.05E-03	1.07E-08	2.00	1.57E-01	3.35E-09	1,000,000	3.35E-03
258	1.4417E-06	1.2496E-05	1.05E-03	1.31E-08	2.00	1.57E-01	4.10E-09	1,000,000	4.10E-03
259	1.4417E-06	1.5757E-05	1.05E-03	1.65E-08	2.00	1.57E-01	5.18E-09	1,000,000	5.18E-03
260	1.4417E-06	2.0808E-05	1.05E-03	2.17E-08	2.00	1.57E-01	6.84E-09	1,000,000	6.84E-03
261	1.4417E-06	2.9441E-05	1.05E-03	3.08E-08	2.00	1.57E-01	9.67E-09	1,000,000	9.67E-03
262	1.4417E-06	4.6156E-05	1.05E-03	4.82E-08	2.00	1.57E-01	1.52E-08	1,000,000	1.52E-02
263	1.4417E-06	4.3752E-06	1.05E-03	4.57E-09	2.00	1.57E-01	1.44E-09	1,000,000	1.44E-03
264	1.4417E-06	4.9622E-06	1.05E-03	5.19E-09	2.00	1.57E-01	1.63E-09	1,000,000	1.63E-03
265	1.4417E-06	5.6696E-06	1.05E-03	5.93E-09	2.00	1.57E-01	1.86E-09	1,000,000	1.86E-03
266	1.4417E-06	6.5217E-06	1.05E-03	6.82E-09	2.00	1.57E-01	2.14E-09	1,000,000	2.14E-03
267	1.4417E-06	7.5891E-06	1.05E-03	7.93E-09	2.00	1.57E-01	2.49E-09	1,000,000	2.49E-03
268	1.4417E-06	8.9409E-06	1.05E-03	9.35E-09	2.00	1.57E-01	2.94E-09	1,000,000	2.94E-03
269	1.4417E-06	1.0764E-05	1.05E-03	1.13E-08	2.00	1.57E-01	3.54E-09	1,000,000	3.54E-03
270	1.4417E-06	1.3278E-05	1.05E-03	1.39E-08	2.00	1.57E-01	4.36E-09	1,000,000	4.36E-03
271	1.4417E-06	1.7037E-05	1.05E-03	1.78E-08	2.00	1.57E-01	5.60E-09	1,000,000	5.60E-03
272	1.4417E-06	2.3061E-05	1.05E-03	2.41E-08	2.00	1.57E-01	7.58E-09	1,000,000	7.58E-03
273	1.4417E-06	3.3745E-05	1.05E-03	3.53E-08	2.00	1.57E-01	1.11E-08	1,000,000	1.11E-02
274	1.4417E-06	5.5486E-05	1.05E-03	5.80E-08	2.00	1.57E-01	1.82E-08	1,000,000	1.82E-02
275	1.4417E-06	4.0639E-06	1.05E-03	4.25E-09	2.00	1.57E-01	1.33E-09	1,000,000	1.33E-03

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 2

	Cancer Risk from Birth to 2 years								
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
276	1.4417E-06	4.5785E-06	1.05E-03	4.79E-09	2.00	1.57E-01	1.50E-09	1,000,000	1.50E-03
277	1.4417E-06	5.1826E-06	1.05E-03	5.42E-09	2.00	1.57E-01	1.70E-09	1,000,000	1.70E-03
278	1.4417E-06	5.9053E-06	1.05E-03	6.17E-09	2.00	1.57E-01	1.94E-09	1,000,000	1.94E-03
279	1.4417E-06	6.7928E-06	1.05E-03	7.10E-09	2.00	1.57E-01	2.23E-09	1,000,000	2.23E-03
280	1.4417E-06	7.9091E-06	1.05E-03	8.27E-09	2.00	1.57E-01	2.60E-09	1,000,000	2.60E-03
281	1.4417E-06	9.3521E-06	1.05E-03	9.77E-09	2.00	1.57E-01	3.07E-09	1,000,000	3.07E-03
282	1.4417E-06	1.1335E-05	1.05E-03	1.18E-08	2.00	1.57E-01	3.72E-09	1,000,000	3.72E-03
283	1.4417E-06	1.418E-05	1.05E-03	1.48E-08	2.00	1.57E-01	4.66E-09	1,000,000	4.66E-03
284	1.4417E-06	1.8497E-05	1.05E-03	1.93E-08	2.00	1.57E-01	6.08E-09	1,000,000	6.08E-03
285	1.4417E-06	2.5653E-05	1.05E-03	2.68E-08	2.00	1.57E-01	8.43E-09	1,000,000	8.43E-03
286	1.4417E-06	3.8978E-05	1.05E-03	4.07E-08	2.00	1.57E-01	1.28E-08	1,000,000	1.28E-02
287	1.4417E-06	3.7827E-06	1.05E-03	3.95E-09	2.00	1.57E-01	1.24E-09	1,000,000	1.24E-03
288	1.4417E-06	4.2291E-06	1.05E-03	4.42E-09	2.00	1.57E-01	1.39E-09	1,000,000	1.39E-03
289	1.4417E-06	4.7456E-06	1.05E-03	4.96E-09	2.00	1.57E-01	1.56E-09	1,000,000	1.56E-03
290	1.4417E-06	5.3614E-06	1.05E-03	5.60E-09	2.00	1.57E-01	1.76E-09	1,000,000	1.76E-03
291	1.4417E-06	6.1053E-06	1.05E-03	6.38E-09	2.00	1.57E-01	2.01E-09	1,000,000	2.01E-03
292	1.4417E-06	7.0392E-06	1.05E-03	7.36E-09	2.00	1.57E-01	2.31E-09	1,000,000	2.31E-03
293	1.4417E-06	8.2229E-06	1.05E-03	8.59E-09	2.00	1.57E-01	2.70E-09	1,000,000	2.70E-03
294	1.4417E-06	9.809E-06	1.05E-03	1.03E-08	2.00	1.57E-01	3.22E-09	1,000,000	3.22E-03
295	1.4417E-06	1.2012E-05	1.05E-03	1.26E-08	2.00	1.57E-01	3.95E-09	1,000,000	3.95E-03
296	1.4417E-06	1.5217E-05	1.05E-03	1.59E-08	2.00	1.57E-01	5.00E-09	1,000,000	5.00E-03
297	1.4417E-06	2.0202E-05	1.05E-03	2.11E-08	2.00	1.57E-01	6.64E-09	1,000,000	6.64E-03
298	1.4417E-06	2.8824E-05	1.05E-03	3.01E-08	2.00	1.57E-01	9.47E-09	1,000,000	9.47E-03
299	1.4417E-06	3.5254E-06	1.05E-03	3.68E-09	2.00	1.57E-01	1.16E-09	1,000,000	1.16E-03
300	1.4417E-06	3.9162E-06	1.05E-03	4.09E-09	2.00	1.57E-01	1.29E-09	1,000,000	1.29E-03
301	1.4417E-06	4.3623E-06	1.05E-03	4.56E-09	2.00	1.57E-01	1.43E-09	1,000,000	1.43E-03
302	1.4417E-06	4.888E-06	1.05E-03	5.11E-09	2.00	1.57E-01	1.61E-09	1,000,000	1.61E-03
303	1.4417E-06	5.5248E-06	1.05E-03	5.77E-09	2.00	1.57E-01	1.81E-09	1,000,000	1.81E-03
304	1.4417E-06	6.2911E-06	1.05E-03	6.58E-09	2.00	1.57E-01	2.07E-09	1,000,000	2.07E-03
305	1.4417E-06	7.2749E-06	1.05E-03	7.60E-09	2.00	1.57E-01	2.39E-09	1,000,000	2.39E-03
306	1.4417E-06	8.5433E-06	1.05E-03	8.93E-09	2.00	1.57E-01	2.81E-09	1,000,000	2.81E-03
307	1.4417E-06	1.0254E-05	1.05E-03	1.07E-08	2.00	1.57E-01	3.37E-09	1,000,000	3.37E-03
308	1.4417E-06	1.264E-05	1.05E-03	1.32E-08	2.00	1.57E-01	4.15E-09	1,000,000	4.15E-03

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 2

	Cancer Risk from Birth to 2 years								
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
309	1.4417E-06	1.6168E-05	1.05E-03	1.69E-08	2.00	1.57E-01	5.31E-09	1,000,000	5.31E-03
310	1.4417E-06	2.1955E-05	1.05E-03	2.29E-08	2.00	1.57E-01	7.21E-09	1,000,000	7.21E-03
311	1.4417E-06	3.2918E-06	1.05E-03	3.44E-09	2.00	1.57E-01	1.08E-09	1,000,000	1.08E-03
312	1.4417E-06	3.6353E-06	1.05E-03	3.80E-09	2.00	1.57E-01	1.19E-09	1,000,000	1.19E-03
313	1.4417E-06	4.0266E-06	1.05E-03	4.21E-09	2.00	1.57E-01	1.32E-09	1,000,000	1.32E-03
314	1.4417E-06	4.4798E-06	1.05E-03	4.68E-09	2.00	1.57E-01	1.47E-09	1,000,000	1.47E-03
315	1.4417E-06	5.0102E-06	1.05E-03	5.24E-09	2.00	1.57E-01	1.65E-09	1,000,000	1.65E-03
316	1.4417E-06	5.6498E-06	1.05E-03	5.91E-09	2.00	1.57E-01	1.86E-09	1,000,000	1.86E-03
317	1.4417E-06	6.4556E-06	1.05E-03	6.75E-09	2.00	1.57E-01	2.12E-09	1,000,000	2.12E-03
318	1.4417E-06	7.4674E-06	1.05E-03	7.80E-09	2.00	1.57E-01	2.45E-09	1,000,000	2.45E-03
319	1.4417E-06	8.8025E-06	1.05E-03	9.20E-09	2.00	1.57E-01	2.89E-09	1,000,000	2.89E-03
320	1.4417E-06	1.0588E-05	1.05E-03	1.11E-08	2.00	1.57E-01	3.48E-09	1,000,000	3.48E-03
321	1.4417E-06	1.3142E-05	1.05E-03	1.37E-08	2.00	1.57E-01	4.32E-09	1,000,000	4.32E-03
322	1.4417E-06	1.7016E-05	1.05E-03	1.78E-08	2.00	1.57E-01	5.59E-09	1,000,000	5.59E-03
323	1.4417E-06	3.0765E-06	1.05E-03	3.22E-09	2.00	1.57E-01	1.01E-09	1,000,000	1.01E-03
324	1.4417E-06	3.3753E-06	1.05E-03	3.53E-09	2.00	1.57E-01	1.11E-09	1,000,000	1.11E-03
325	1.4417E-06	3.7143E-06	1.05E-03	3.88E-09	2.00	1.57E-01	1.22E-09	1,000,000	1.22E-03
326	1.4417E-06	4.0928E-06	1.05E-03	4.28E-09	2.00	1.57E-01	1.34E-09	1,000,000	1.34E-03
327	1.4417E-06	4.5612E-06	1.05E-03	4.77E-09	2.00	1.57E-01	1.50E-09	1,000,000	1.50E-03
328	1.4417E-06	5.103E-06	1.05E-03	5.33E-09	2.00	1.57E-01	1.68E-09	1,000,000	1.68E-03
329	1.4417E-06	5.7889E-06	1.05E-03	6.05E-09	2.00	1.57E-01	1.90E-09	1,000,000	1.90E-03
330	1.4417E-06	6.5828E-06	1.05E-03	6.88E-09	2.00	1.57E-01	2.16E-09	1,000,000	2.16E-03
331	1.4417E-06	7.6116E-06	1.05E-03	7.96E-09	2.00	1.57E-01	2.50E-09	1,000,000	2.50E-03
332	1.4417E-06	8.9597E-06	1.05E-03	9.36E-09	2.00	1.57E-01	2.94E-09	1,000,000	2.94E-03
333	1.4417E-06	1.0779E-05	1.05E-03	1.13E-08	2.00	1.57E-01	3.54E-09	1,000,000	3.54E-03
334	1.4417E-06	1.3297E-05	1.05E-03	1.39E-08	2.00	1.57E-01	4.37E-09	1,000,000	4.37E-03
335	1.4417E-06	2.8775E-06	1.05E-03	3.01E-09	2.00	1.57E-01	9.45E-10	1,000,000	9.45E-04
336	1.4417E-06	3.1386E-06	1.05E-03	3.28E-09	2.00	1.57E-01	1.03E-09	1,000,000	1.03E-03
337	1.4417E-06	3.4325E-06	1.05E-03	3.59E-09	2.00	1.57E-01	1.13E-09	1,000,000	1.13E-03
338	1.4417E-06	3.7601E-06	1.05E-03	3.93E-09	2.00	1.57E-01	1.24E-09	1,000,000	1.24E-03
339	1.4417E-06	4.158E-06	1.05E-03	4.35E-09	2.00	1.57E-01	1.37E-09	1,000,000	1.37E-03
340	1.4417E-06	4.6131E-06	1.05E-03	4.82E-09	2.00	1.57E-01	1.52E-09	1,000,000	1.52E-03
341	1.4417E-06	5.1745E-06	1.05E-03	5.41E-09	2.00	1.57E-01	1.70E-09	1,000,000	1.70E-03

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 2

					Cancer Risk from 2 to 14 years				
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
1	1.4417E-06	2.9396E-07	6.05E-04	1.78E-10	14.00	4.71E-02	1.17E-10	1,000,000	1.2E-04
2	1.4417E-06	2.5526E-07	6.05E-04	1.54E-10	14.00	4.71E-02	1.02E-10	1,000,000	1.02E-04
3	1.4417E-06	2.5927E-07	6.05E-04	1.57E-10	14.00	4.71E-02	1.04E-10	1,000,000	1.04E-04
4	1.4417E-06	2.6675E-07	6.05E-04	1.61E-10	14.00	4.71E-02	1.07E-10	1,000,000	1.07E-04
5	1.4417E-06	2.7448E-07	6.05E-04	1.66E-10	14.00	4.71E-02	1.10E-10	1,000,000	1.10E-04
6	1.4417E-06	2.7937E-07	6.05E-04	1.69E-10	14.00	4.71E-02	1.12E-10	1,000,000	1.12E-04
7	1.4417E-06	2.8832E-07	6.05E-04	1.74E-10	14.00	4.71E-02	1.15E-10	1,000,000	1.15E-04
8	1.4417E-06	2.3982E-07	6.05E-04	1.45E-10	14.00	4.71E-02	9.58E-11	1,000,000	9.58E-05
9	1.4417E-06	2.3783E-07	6.05E-04	1.44E-10	14.00	4.71E-02	9.50E-11	1,000,000	9.50E-05
10	1.4417E-06	2.3596E-07	6.05E-04	1.43E-10	14.00	4.71E-02	9.42E-11	1,000,000	9.42E-05
11	1.4417E-06	2.3401E-07	6.05E-04	1.42E-10	14.00	4.71E-02	9.35E-11	1,000,000	9.35E-05
12	1.4417E-06	2.3195E-07	6.05E-04	1.40E-10	14.00	4.71E-02	9.26E-11	1,000,000	9.26E-05
13	1.4417E-06	2.2981E-07	6.05E-04	1.39E-10	14.00	4.71E-02	9.18E-11	1,000,000	9.18E-05
14	1.4417E-06	2.2761E-07	6.05E-04	1.38E-10	14.00	4.71E-02	9.09E-11	1,000,000	9.09E-05
15	1.4417E-06	2.2537E-07	6.05E-04	1.36E-10	14.00	4.71E-02	9.00E-11	1,000,000	9.00E-05
16	1.4417E-06	2.5197E-07	6.05E-04	1.52E-10	14.00	4.71E-02	1.01E-10	1,000,000	1.01E-04
17	1.4417E-06	2.4983E-07	6.05E-04	1.51E-10	14.00	4.71E-02	9.98E-11	1,000,000	9.98E-05
18	1.4417E-06	2.4784E-07	6.05E-04	1.50E-10	14.00	4.71E-02	9.90E-11	1,000,000	9.90E-05
19	1.4417E-06	2.4576E-07	6.05E-04	1.49E-10	14.00	4.71E-02	9.81E-11	1,000,000	9.81E-05
20	1.4417E-06	2.4353E-07	6.05E-04	1.47E-10	14.00	4.71E-02	9.73E-11	1,000,000	9.73E-05
21	1.4417E-06	2.413E-07	6.05E-04	1.46E-10	14.00	4.71E-02	9.64E-11	1,000,000	9.64E-05
22	1.4417E-06	2.3901E-07	6.05E-04	1.45E-10	14.00	4.71E-02	9.54E-11	1,000,000	9.54E-05
23	1.4417E-06	2.3656E-07	6.05E-04	1.43E-10	14.00	4.71E-02	9.45E-11	1,000,000	9.45E-05
24	1.4417E-06	2.6077E-07	6.05E-04	1.58E-10	14.00	4.71E-02	1.04E-10	1,000,000	1.04E-04
25	1.4417E-06	2.5855E-07	6.05E-04	1.56E-10	14.00	4.71E-02	1.03E-10	1,000,000	1.03E-04
26	1.4417E-06	2.561E-07	6.05E-04	1.55E-10	14.00	4.71E-02	1.02E-10	1,000,000	1.02E-04
27	1.4417E-06	2.5372E-07	6.05E-04	1.54E-10	14.00	4.71E-02	1.01E-10	1,000,000	1.01E-04
28	1.4417E-06	2.5131E-07	6.05E-04	1.52E-10	14.00	4.71E-02	1.00E-10	1,000,000	1.00E-04
29	1.4417E-06	2.4864E-07	6.05E-04	1.50E-10	14.00	4.71E-02	9.93E-11	1,000,000	9.93E-05
30	1.4417E-06	2.7487E-07	6.05E-04	1.66E-10	14.00	4.71E-02	1.10E-10	1,000,000	1.10E-04
31	1.4417E-06	2.7253E-07	6.05E-04	1.65E-10	14.00	4.71E-02	1.09E-10	1,000,000	1.09E-04
32	1.4417E-06	2.6987E-07	6.05E-04	1.63E-10	14.00	4.71E-02	1.08E-10	1,000,000	1.08E-04
33	1.4417E-06	2.6733E-07	6.05E-04	1.62E-10	14.00	4.71E-02	1.07E-10	1,000,000	1.07E-04

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 2

					Cancer Risk from 2 to 14 years				
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
34	1.4417E-06	2.6475E-07	6.05E-04	1.60E-10	14.00	4.71E-02	1.06E-10	1,000,000	1.06E-04
35	1.4417E-06	2.6192E-07	6.05E-04	1.58E-10	14.00	4.71E-02	1.05E-10	1,000,000	1.05E-04
36	1.4417E-06	2.9041E-07	6.05E-04	1.76E-10	14.00	4.71E-02	1.16E-10	1,000,000	1.16E-04
37	1.4417E-06	2.8787E-07	6.05E-04	1.74E-10	14.00	4.71E-02	1.15E-10	1,000,000	1.15E-04
38	1.4417E-06	2.8502E-07	6.05E-04	1.72E-10	14.00	4.71E-02	1.14E-10	1,000,000	1.14E-04
39	1.4417E-06	2.8226E-07	6.05E-04	1.71E-10	14.00	4.71E-02	1.13E-10	1,000,000	1.13E-04
40	1.4417E-06	2.7951E-07	6.05E-04	1.69E-10	14.00	4.71E-02	1.12E-10	1,000,000	1.12E-04
41	1.4417E-06	2.7645E-07	6.05E-04	1.67E-10	14.00	4.71E-02	1.10E-10	1,000,000	1.10E-04
42	1.4417E-06	3.3071E-07	6.05E-04	2.00E-10	14.00	4.71E-02	1.32E-10	1,000,000	1.32E-04
43	1.4417E-06	3.3066E-07	6.05E-04	2.00E-10	14.00	4.71E-02	1.32E-10	1,000,000	1.32E-04
44	1.4417E-06	3.2996E-07	6.05E-04	2.00E-10	14.00	4.71E-02	1.32E-10	1,000,000	1.32E-04
45	1.4417E-06	3.287E-07	6.05E-04	1.99E-10	14.00	4.71E-02	1.31E-10	1,000,000	1.31E-04
46	1.4417E-06	3.2693E-07	6.05E-04	1.98E-10	14.00	4.71E-02	1.31E-10	1,000,000	1.31E-04
47	1.4417E-06	3.2471E-07	6.05E-04	1.96E-10	14.00	4.71E-02	1.30E-10	1,000,000	1.30E-04
48	1.4417E-06	3.225E-07	6.05E-04	1.95E-10	14.00	4.71E-02	1.29E-10	1,000,000	1.29E-04
49	1.4417E-06	3.0747E-07	6.05E-04	1.86E-10	14.00	4.71E-02	1.23E-10	1,000,000	1.23E-04
50	1.4417E-06	3.0476E-07	6.05E-04	1.84E-10	14.00	4.71E-02	1.22E-10	1,000,000	1.22E-04
51	1.4417E-06	3.017E-07	6.05E-04	1.83E-10	14.00	4.71E-02	1.20E-10	1,000,000	1.20E-04
52	1.4417E-06	2.9873E-07	6.05E-04	1.81E-10	14.00	4.71E-02	1.19E-10	1,000,000	1.19E-04
53	1.4417E-06	2.9569E-07	6.05E-04	1.79E-10	14.00	4.71E-02	1.18E-10	1,000,000	1.18E-04
54	1.4417E-06	2.9236E-07	6.05E-04	1.77E-10	14.00	4.71E-02	1.17E-10	1,000,000	1.17E-04
55	1.4417E-06	3.4879E-07	6.05E-04	2.11E-10	14.00	4.71E-02	1.39E-10	1,000,000	1.39E-04
56	1.4417E-06	3.4958E-07	6.05E-04	2.12E-10	14.00	4.71E-02	1.40E-10	1,000,000	1.40E-04
57	1.4417E-06	3.499E-07	6.05E-04	2.12E-10	14.00	4.71E-02	1.40E-10	1,000,000	1.40E-04
58	1.4417E-06	3.4928E-07	6.05E-04	2.11E-10	14.00	4.71E-02	1.39E-10	1,000,000	1.39E-04
59	1.4417E-06	3.4822E-07	6.05E-04	2.11E-10	14.00	4.71E-02	1.39E-10	1,000,000	1.39E-04
60	1.4417E-06	3.4667E-07	6.05E-04	2.10E-10	14.00	4.71E-02	1.38E-10	1,000,000	1.38E-04
61	1.4417E-06	3.4443E-07	6.05E-04	2.08E-10	14.00	4.71E-02	1.38E-10	1,000,000	1.38E-04
62	1.4417E-06	3.4211E-07	6.05E-04	2.07E-10	14.00	4.71E-02	1.37E-10	1,000,000	1.37E-04
63	1.4417E-06	3.3988E-07	6.05E-04	2.06E-10	14.00	4.71E-02	1.36E-10	1,000,000	1.36E-04
64	1.4417E-06	3.2628E-07	6.05E-04	1.97E-10	14.00	4.71E-02	1.30E-10	1,000,000	1.30E-04
65	1.4417E-06	3.234E-07	6.05E-04	1.96E-10	14.00	4.71E-02	1.29E-10	1,000,000	1.29E-04
66	1.4417E-06	3.2018E-07	6.05E-04	1.94E-10	14.00	4.71E-02	1.28E-10	1,000,000	1.28E-04

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 2

					Cancer Risk from 2 to 14 years				
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
67	1.4417E-06	3.1684E-07	6.05E-04	1.92E-10	14.00	4.71E-02	1.27E-10	1,000,000	1.27E-04
68	1.4417E-06	3.1355E-07	6.05E-04	1.90E-10	14.00	4.71E-02	1.25E-10	1,000,000	1.25E-04
69	1.4417E-06	3.1E-07	6.05E-04	1.88E-10	14.00	4.71E-02	1.24E-10	1,000,000	1.24E-04
70	1.4417E-06	3.7007E-07	6.05E-04	2.24E-10	14.00	4.71E-02	1.48E-10	1,000,000	1.48E-04
71	1.4417E-06	3.7092E-07	6.05E-04	2.24E-10	14.00	4.71E-02	1.48E-10	1,000,000	1.48E-04
72	1.4417E-06	3.7076E-07	6.05E-04	2.24E-10	14.00	4.71E-02	1.48E-10	1,000,000	1.48E-04
73	1.4417E-06	3.6972E-07	6.05E-04	2.24E-10	14.00	4.71E-02	1.48E-10	1,000,000	1.48E-04
74	1.4417E-06	3.6835E-07	6.05E-04	2.23E-10	14.00	4.71E-02	1.47E-10	1,000,000	1.47E-04
75	1.4417E-06	3.6641E-07	6.05E-04	2.22E-10	14.00	4.71E-02	1.46E-10	1,000,000	1.46E-04
76	1.4417E-06	3.6372E-07	6.05E-04	2.20E-10	14.00	4.71E-02	1.45E-10	1,000,000	1.45E-04
77	1.4417E-06	3.6147E-07	6.05E-04	2.19E-10	14.00	4.71E-02	1.44E-10	1,000,000	1.44E-04
78	1.4417E-06	3.4394E-07	6.05E-04	2.08E-10	14.00	4.71E-02	1.37E-10	1,000,000	1.37E-04
79	1.4417E-06	3.4031E-07	6.05E-04	2.06E-10	14.00	4.71E-02	1.36E-10	1,000,000	1.36E-04
80	1.4417E-06	3.3675E-07	6.05E-04	2.04E-10	14.00	4.71E-02	1.34E-10	1,000,000	1.34E-04
81	1.4417E-06	3.3316E-07	6.05E-04	2.02E-10	14.00	4.71E-02	1.33E-10	1,000,000	1.33E-04
82	1.4417E-06	3.2927E-07	6.05E-04	1.99E-10	14.00	4.71E-02	1.31E-10	1,000,000	1.31E-04
83	1.4417E-06	3.9267E-07	6.05E-04	2.38E-10	14.00	4.71E-02	1.57E-10	1,000,000	1.57E-04
84	1.4417E-06	3.9394E-07	6.05E-04	2.38E-10	14.00	4.71E-02	1.57E-10	1,000,000	1.57E-04
85	1.4417E-06	3.944E-07	6.05E-04	2.39E-10	14.00	4.71E-02	1.58E-10	1,000,000	1.58E-04
86	1.4417E-06	3.9364E-07	6.05E-04	2.38E-10	14.00	4.71E-02	1.57E-10	1,000,000	1.57E-04
87	1.4417E-06	3.9231E-07	6.05E-04	2.37E-10	14.00	4.71E-02	1.57E-10	1,000,000	1.57E-04
88	1.4417E-06	3.9057E-07	6.05E-04	2.36E-10	14.00	4.71E-02	1.56E-10	1,000,000	1.56E-04
89	1.4417E-06	3.8799E-07	6.05E-04	2.35E-10	14.00	4.71E-02	1.55E-10	1,000,000	1.55E-04
90	1.4417E-06	3.8542E-07	6.05E-04	2.33E-10	14.00	4.71E-02	1.54E-10	1,000,000	1.54E-04
91	1.4417E-06	3.8304E-07	6.05E-04	2.32E-10	14.00	4.71E-02	1.53E-10	1,000,000	1.53E-04
92	1.4417E-06	3.7025E-07	6.05E-04	2.24E-10	14.00	4.71E-02	1.48E-10	1,000,000	1.48E-04
93	1.4417E-06	3.6675E-07	6.05E-04	2.22E-10	14.00	4.71E-02	1.46E-10	1,000,000	1.46E-04
94	1.4417E-06	3.6276E-07	6.05E-04	2.19E-10	14.00	4.71E-02	1.45E-10	1,000,000	1.45E-04
95	1.4417E-06	3.5889E-07	6.05E-04	2.17E-10	14.00	4.71E-02	1.43E-10	1,000,000	1.43E-04
96	1.4417E-06	3.5493E-07	6.05E-04	2.15E-10	14.00	4.71E-02	1.42E-10	1,000,000	1.42E-04
97	1.4417E-06	3.5068E-07	6.05E-04	2.12E-10	14.00	4.71E-02	1.40E-10	1,000,000	1.40E-04
98	1.4417E-06	4.1922E-07	6.05E-04	2.54E-10	14.00	4.71E-02	1.67E-10	1,000,000	1.67E-04
99	1.4417E-06	4.2047E-07	6.05E-04	2.54E-10	14.00	4.71E-02	1.68E-10	1,000,000	1.68E-04

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 2

					Cancer Risk from 2 to 14 years				
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
100	1.4417E-06	4.2043E-07	6.05E-04	2.54E-10	14.00	4.71E-02	1.68E-10	1,000,000	1.68E-04
101	1.4417E-06	4.1888E-07	6.05E-04	2.53E-10	14.00	4.71E-02	1.67E-10	1,000,000	1.67E-04
102	1.4417E-06	4.1743E-07	6.05E-04	2.53E-10	14.00	4.71E-02	1.67E-10	1,000,000	1.67E-04
103	1.4417E-06	4.1521E-07	6.05E-04	2.51E-10	14.00	4.71E-02	1.66E-10	1,000,000	1.66E-04
104	1.4417E-06	4.1225E-07	6.05E-04	2.49E-10	14.00	4.71E-02	1.65E-10	1,000,000	1.65E-04
105	1.4417E-06	4.0999E-07	6.05E-04	2.48E-10	14.00	4.71E-02	1.64E-10	1,000,000	1.64E-04
106	1.4417E-06	3.9644E-07	6.05E-04	2.40E-10	14.00	4.71E-02	1.58E-10	1,000,000	1.58E-04
107	1.4417E-06	3.9244E-07	6.05E-04	2.37E-10	14.00	4.71E-02	1.57E-10	1,000,000	1.57E-04
108	1.4417E-06	3.8806E-07	6.05E-04	2.35E-10	14.00	4.71E-02	1.55E-10	1,000,000	1.55E-04
109	1.4417E-06	3.8361E-07	6.05E-04	2.32E-10	14.00	4.71E-02	1.53E-10	1,000,000	1.53E-04
110	1.4417E-06	3.7921E-07	6.05E-04	2.29E-10	14.00	4.71E-02	1.51E-10	1,000,000	1.51E-04
111	1.4417E-06	3.7438E-07	6.05E-04	2.27E-10	14.00	4.71E-02	1.50E-10	1,000,000	1.50E-04
112	1.4417E-06	4.4923E-07	6.05E-04	2.72E-10	14.00	4.71E-02	1.79E-10	1,000,000	1.79E-04
113	1.4417E-06	4.4991E-07	6.05E-04	2.72E-10	14.00	4.71E-02	1.80E-10	1,000,000	1.80E-04
114	1.4417E-06	4.4893E-07	6.05E-04	2.72E-10	14.00	4.71E-02	1.79E-10	1,000,000	1.79E-04
115	1.4417E-06	4.4737E-07	6.05E-04	2.71E-10	14.00	4.71E-02	1.79E-10	1,000,000	1.79E-04
116	1.4417E-06	4.4563E-07	6.05E-04	2.70E-10	14.00	4.71E-02	1.78E-10	1,000,000	1.78E-04
117	1.4417E-06	4.4277E-07	6.05E-04	2.68E-10	14.00	4.71E-02	1.77E-10	1,000,000	1.77E-04
118	1.4417E-06	4.4004E-07	6.05E-04	2.66E-10	14.00	4.71E-02	1.76E-10	1,000,000	1.76E-04
119	1.4417E-06	4.3737E-07	6.05E-04	2.65E-10	14.00	4.71E-02	1.75E-10	1,000,000	1.75E-04
120	1.4417E-06	4.2606E-07	6.05E-04	2.58E-10	14.00	4.71E-02	1.70E-10	1,000,000	1.70E-04
121	1.4417E-06	4.2134E-07	6.05E-04	2.55E-10	14.00	4.71E-02	1.68E-10	1,000,000	1.68E-04
122	1.4417E-06	4.1665E-07	6.05E-04	2.52E-10	14.00	4.71E-02	1.66E-10	1,000,000	1.66E-04
123	1.4417E-06	4.1157E-07	6.05E-04	2.49E-10	14.00	4.71E-02	1.64E-10	1,000,000	1.64E-04
124	1.4417E-06	4.0646E-07	6.05E-04	2.46E-10	14.00	4.71E-02	1.62E-10	1,000,000	1.62E-04
125	1.4417E-06	4.0108E-07	6.05E-04	2.43E-10	14.00	4.71E-02	1.60E-10	1,000,000	1.60E-04
126	1.4417E-06	4.8099E-07	6.05E-04	2.91E-10	14.00	4.71E-02	1.92E-10	1,000,000	1.92E-04
127	1.4417E-06	4.8258E-07	6.05E-04	2.92E-10	14.00	4.71E-02	1.93E-10	1,000,000	1.93E-04
128	1.4417E-06	4.8278E-07	6.05E-04	2.92E-10	14.00	4.71E-02	1.93E-10	1,000,000	1.93E-04
129	1.4417E-06	4.8115E-07	6.05E-04	2.91E-10	14.00	4.71E-02	1.92E-10	1,000,000	1.92E-04
130	1.4417E-06	4.7976E-07	6.05E-04	2.90E-10	14.00	4.71E-02	1.92E-10	1,000,000	1.92E-04
131	1.4417E-06	4.7745E-07	6.05E-04	2.89E-10	14.00	4.71E-02	1.91E-10	1,000,000	1.91E-04
132	1.4417E-06	4.7409E-07	6.05E-04	2.87E-10	14.00	4.71E-02	1.89E-10	1,000,000	1.89E-04

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 2

	Cancer Risk from 2 to 14 years								
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
133	1.4417E-06	4.7147E-07	6.05E-04	2.85E-10	14.00	4.71E-02	1.88E-10	1,000,000	1.88E-04
134	1.4417E-06	4.5331E-07	6.05E-04	2.74E-10	14.00	4.71E-02	1.81E-10	1,000,000	1.81E-04
135	1.4417E-06	4.4848E-07	6.05E-04	2.71E-10	14.00	4.71E-02	1.79E-10	1,000,000	1.79E-04
136	1.4417E-06	4.4315E-07	6.05E-04	2.68E-10	14.00	4.71E-02	1.77E-10	1,000,000	1.77E-04
137	1.4417E-06	4.3728E-07	6.05E-04	2.65E-10	14.00	4.71E-02	1.75E-10	1,000,000	1.75E-04
138	1.4417E-06	4.3102E-07	6.05E-04	2.61E-10	14.00	4.71E-02	1.72E-10	1,000,000	1.72E-04
139	1.4417E-06	5.1923E-07	6.05E-04	3.14E-10	14.00	4.71E-02	2.07E-10	1,000,000	2.07E-04
140	1.4417E-06	5.207E-07	6.05E-04	3.15E-10	14.00	4.71E-02	2.08E-10	1,000,000	2.08E-04
141	1.4417E-06	5.1999E-07	6.05E-04	3.15E-10	14.00	4.71E-02	2.08E-10	1,000,000	2.08E-04
142	1.4417E-06	5.1839E-07	6.05E-04	3.14E-10	14.00	4.71E-02	2.07E-10	1,000,000	2.07E-04
143	1.4417E-06	5.1674E-07	6.05E-04	3.13E-10	14.00	4.71E-02	2.06E-10	1,000,000	2.06E-04
144	1.4417E-06	5.1362E-07	6.05E-04	3.11E-10	14.00	4.71E-02	2.05E-10	1,000,000	2.05E-04
145	1.4417E-06	5.1013E-07	6.05E-04	3.09E-10	14.00	4.71E-02	2.04E-10	1,000,000	2.04E-04
146	1.4417E-06	5.067E-07	6.05E-04	3.07E-10	14.00	4.71E-02	2.02E-10	1,000,000	2.02E-04
147	1.4417E-06	4.9067E-07	6.05E-04	2.97E-10	14.00	4.71E-02	1.96E-10	1,000,000	1.96E-04
148	1.4417E-06	4.8496E-07	6.05E-04	2.93E-10	14.00	4.71E-02	1.94E-10	1,000,000	1.94E-04
149	1.4417E-06	4.7879E-07	6.05E-04	2.90E-10	14.00	4.71E-02	1.91E-10	1,000,000	1.91E-04
150	1.4417E-06	4.723E-07	6.05E-04	2.86E-10	14.00	4.71E-02	1.89E-10	1,000,000	1.89E-04
151	1.4417E-06	4.6525E-07	6.05E-04	2.82E-10	14.00	4.71E-02	1.86E-10	1,000,000	1.86E-04
152	1.4417E-06	5.6091E-07	6.05E-04	3.39E-10	14.00	4.71E-02	2.24E-10	1,000,000	2.24E-04
153	1.4417E-06	5.6346E-07	6.05E-04	3.41E-10	14.00	4.71E-02	2.25E-10	1,000,000	2.25E-04
154	1.4417E-06	5.6414E-07	6.05E-04	3.41E-10	14.00	4.71E-02	2.25E-10	1,000,000	2.25E-04
155	1.4417E-06	5.6276E-07	6.05E-04	3.41E-10	14.00	4.71E-02	2.25E-10	1,000,000	2.25E-04
156	1.4417E-06	5.6133E-07	6.05E-04	3.40E-10	14.00	4.71E-02	2.24E-10	1,000,000	2.24E-04
157	1.4417E-06	5.5888E-07	6.05E-04	3.38E-10	14.00	4.71E-02	2.23E-10	1,000,000	2.23E-04
158	1.4417E-06	5.5523E-07	6.05E-04	3.36E-10	14.00	4.71E-02	2.22E-10	1,000,000	2.22E-04
159	1.4417E-06	5.5088E-07	6.05E-04	3.33E-10	14.00	4.71E-02	2.20E-10	1,000,000	2.20E-04
160	1.4417E-06	5.4534E-07	6.05E-04	3.30E-10	14.00	4.71E-02	2.18E-10	1,000,000	2.18E-04
161	1.4417E-06	5.3963E-07	6.05E-04	3.27E-10	14.00	4.71E-02	2.15E-10	1,000,000	2.15E-04
162	1.4417E-06	5.3301E-07	6.05E-04	3.23E-10	14.00	4.71E-02	2.13E-10	1,000,000	2.13E-04
163	1.4417E-06	5.2612E-07	6.05E-04	3.18E-10	14.00	4.71E-02	2.10E-10	1,000,000	2.10E-04
164	1.4417E-06	5.1914E-07	6.05E-04	3.14E-10	14.00	4.71E-02	2.07E-10	1,000,000	2.07E-04
165	1.4417E-06	5.124E-07	6.05E-04	3.10E-10	14.00	4.71E-02	2.05E-10	1,000,000	2.05E-04

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 2

	Cancer Risk from 2 to 14 years								
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
166	1.4417E-06	5.0475E-07	6.05E-04	3.05E-10	14.00	4.71E-02	2.02E-10	1,000,000	2.02E-04
167	1.4417E-06	6.1219E-07	6.05E-04	3.70E-10	14.00	4.71E-02	2.44E-10	1,000,000	2.44E-04
168	1.4417E-06	6.1463E-07	6.05E-04	3.72E-10	14.00	4.71E-02	2.45E-10	1,000,000	2.45E-04
169	1.4417E-06	6.145E-07	6.05E-04	3.72E-10	14.00	4.71E-02	2.45E-10	1,000,000	2.45E-04
170	1.4417E-06	6.1268E-07	6.05E-04	3.71E-10	14.00	4.71E-02	2.45E-10	1,000,000	2.45E-04
171	1.4417E-06	6.1052E-07	6.05E-04	3.69E-10	14.00	4.71E-02	2.44E-10	1,000,000	2.44E-04
172	1.4417E-06	6.0672E-07	6.05E-04	3.67E-10	14.00	4.71E-02	2.42E-10	1,000,000	2.42E-04
173	1.4417E-06	6.0125E-07	6.05E-04	3.64E-10	14.00	4.71E-02	2.40E-10	1,000,000	2.40E-04
174	1.4417E-06	5.9455E-07	6.05E-04	3.60E-10	14.00	4.71E-02	2.37E-10	1,000,000	2.37E-04
175	1.4417E-06	5.8846E-07	6.05E-04	3.56E-10	14.00	4.71E-02	2.35E-10	1,000,000	2.35E-04
176	1.4417E-06	5.8124E-07	6.05E-04	3.52E-10	14.00	4.71E-02	2.32E-10	1,000,000	2.32E-04
177	1.4417E-06	5.7373E-07	6.05E-04	3.47E-10	14.00	4.71E-02	2.29E-10	1,000,000	2.29E-04
178	1.4417E-06	5.6627E-07	6.05E-04	3.43E-10	14.00	4.71E-02	2.26E-10	1,000,000	2.26E-04
179	1.4417E-06	5.5866E-07	6.05E-04	3.38E-10	14.00	4.71E-02	2.23E-10	1,000,000	2.23E-04
180	1.4417E-06	5.4982E-07	6.05E-04	3.33E-10	14.00	4.71E-02	2.20E-10	1,000,000	2.20E-04
181	1.4417E-06	6.7004E-07	6.05E-04	4.05E-10	14.00	4.71E-02	2.68E-10	1,000,000	2.68E-04
182	1.4417E-06	6.7292E-07	6.05E-04	4.07E-10	14.00	4.71E-02	2.69E-10	1,000,000	2.69E-04
183	1.4417E-06	6.7465E-07	6.05E-04	4.08E-10	14.00	4.71E-02	2.69E-10	1,000,000	2.69E-04
184	1.4417E-06	6.7353E-07	6.05E-04	4.08E-10	14.00	4.71E-02	2.69E-10	1,000,000	2.69E-04
185	1.4417E-06	6.7109E-07	6.05E-04	4.06E-10	14.00	4.71E-02	2.68E-10	1,000,000	2.68E-04
186	1.4417E-06	6.6734E-07	6.05E-04	4.04E-10	14.00	4.71E-02	2.66E-10	1,000,000	2.66E-04
187	1.4417E-06	6.6165E-07	6.05E-04	4.00E-10	14.00	4.71E-02	2.64E-10	1,000,000	2.64E-04
188	1.4417E-06	6.5493E-07	6.05E-04	3.96E-10	14.00	4.71E-02	2.62E-10	1,000,000	2.62E-04
189	1.4417E-06	6.4765E-07	6.05E-04	3.92E-10	14.00	4.71E-02	2.59E-10	1,000,000	2.59E-04
190	1.4417E-06	6.3956E-07	6.05E-04	3.87E-10	14.00	4.71E-02	2.55E-10	1,000,000	2.55E-04
191	1.4417E-06	6.3082E-07	6.05E-04	3.82E-10	14.00	4.71E-02	2.52E-10	1,000,000	2.52E-04
192	1.4417E-06	6.2168E-07	6.05E-04	3.76E-10	14.00	4.71E-02	2.48E-10	1,000,000	2.48E-04
193	1.4417E-06	6.1238E-07	6.05E-04	3.71E-10	14.00	4.71E-02	2.45E-10	1,000,000	2.45E-04
194	1.4417E-06	6.016E-07	6.05E-04	3.64E-10	14.00	4.71E-02	2.40E-10	1,000,000	2.40E-04
195	1.4417E-06	7.4068E-07	6.05E-04	4.48E-10	14.00	4.71E-02	2.96E-10	1,000,000	2.96E-04
196	1.4417E-06	7.4496E-07	6.05E-04	4.51E-10	14.00	4.71E-02	2.97E-10	1,000,000	2.97E-04
197	1.4417E-06	7.4573E-07	6.05E-04	4.51E-10	14.00	4.71E-02	2.98E-10	1,000,000	2.98E-04
198	1.4417E-06	7.4246E-07	6.05E-04	4.49E-10	14.00	4.71E-02	2.96E-10	1,000,000	2.96E-04

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 2

					Cancer Risk from 2 to 14 years				
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
199	1.4417E-06	7.3825E-07	6.05E-04	4.47E-10	14.00	4.71E-02	2.95E-10	1,000,000	2.95E-04
200	1.4417E-06	7.3228E-07	6.05E-04	4.43E-10	14.00	4.71E-02	2.92E-10	1,000,000	2.92E-04
201	1.4417E-06	7.2501E-07	6.05E-04	4.39E-10	14.00	4.71E-02	2.90E-10	1,000,000	2.90E-04
202	1.4417E-06	7.164E-07	6.05E-04	4.33E-10	14.00	4.71E-02	2.86E-10	1,000,000	2.86E-04
203	1.4417E-06	7.0696E-07	6.05E-04	4.28E-10	14.00	4.71E-02	2.82E-10	1,000,000	2.82E-04
204	1.4417E-06	6.9658E-07	6.05E-04	4.21E-10	14.00	4.71E-02	2.78E-10	1,000,000	2.78E-04
205	1.4417E-06	6.8542E-07	6.05E-04	4.15E-10	14.00	4.71E-02	2.74E-10	1,000,000	2.74E-04
206	1.4417E-06	6.7436E-07	6.05E-04	4.08E-10	14.00	4.71E-02	2.69E-10	1,000,000	2.69E-04
207	1.4417E-06	6.6169E-07	6.05E-04	4.00E-10	14.00	4.71E-02	2.64E-10	1,000,000	2.64E-04
208	1.4417E-06	8.2779E-07	6.05E-04	5.01E-10	14.00	4.71E-02	3.31E-10	1,000,000	3.31E-04
209	1.4417E-06	8.3107E-07	6.05E-04	5.03E-10	14.00	4.71E-02	3.32E-10	1,000,000	3.32E-04
210	1.4417E-06	8.2997E-07	6.05E-04	5.02E-10	14.00	4.71E-02	3.31E-10	1,000,000	3.31E-04
211	1.4417E-06	8.2491E-07	6.05E-04	4.99E-10	14.00	4.71E-02	3.29E-10	1,000,000	3.29E-04
212	1.4417E-06	8.1782E-07	6.05E-04	4.95E-10	14.00	4.71E-02	3.27E-10	1,000,000	3.27E-04
213	1.4417E-06	8.0899E-07	6.05E-04	4.89E-10	14.00	4.71E-02	3.23E-10	1,000,000	3.23E-04
214	1.4417E-06	7.9845E-07	6.05E-04	4.83E-10	14.00	4.71E-02	3.19E-10	1,000,000	3.19E-04
215	1.4417E-06	7.8582E-07	6.05E-04	4.75E-10	14.00	4.71E-02	3.14E-10	1,000,000	3.14E-04
216	1.4417E-06	7.7344E-07	6.05E-04	4.68E-10	14.00	4.71E-02	3.09E-10	1,000,000	3.09E-04
217	1.4417E-06	7.6052E-07	6.05E-04	4.60E-10	14.00	4.71E-02	3.04E-10	1,000,000	3.04E-04
218	1.4417E-06	7.4716E-07	6.05E-04	4.52E-10	14.00	4.71E-02	2.98E-10	1,000,000	2.98E-04
219	1.4417E-06	7.3212E-07	6.05E-04	4.43E-10	14.00	4.71E-02	2.92E-10	1,000,000	2.92E-04
220	1.4417E-06	9.2455E-07	6.05E-04	5.59E-10	14.00	4.71E-02	3.69E-10	1,000,000	3.69E-04
221	1.4417E-06	9.1385E-07	6.05E-04	5.53E-10	14.00	4.71E-02	3.65E-10	1,000,000	3.65E-04
222	1.4417E-06	9.0092E-07	6.05E-04	5.45E-10	14.00	4.71E-02	3.60E-10	1,000,000	3.60E-04
223	1.4417E-06	8.8582E-07	6.05E-04	5.36E-10	14.00	4.71E-02	3.54E-10	1,000,000	3.54E-04
224	1.4417E-06	8.694E-07	6.05E-04	5.26E-10	14.00	4.71E-02	3.47E-10	1,000,000	3.47E-04
225	1.4417E-06	8.5269E-07	6.05E-04	5.16E-10	14.00	4.71E-02	3.41E-10	1,000,000	3.41E-04
226	1.4417E-06	8.3453E-07	6.05E-04	5.05E-10	14.00	4.71E-02	3.33E-10	1,000,000	3.33E-04
227	1.4417E-06	8.1438E-07	6.05E-04	4.93E-10	14.00	4.71E-02	3.25E-10	1,000,000	3.25E-04
228	1.4417E-06	1.0407E-06	6.05E-04	6.30E-10	14.00	4.71E-02	4.16E-10	1,000,000	4.16E-04
229	1.4417E-06	1.0241E-06	6.05E-04	6.20E-10	14.00	4.71E-02	4.09E-10	1,000,000	4.09E-04
230	1.4417E-06	1.0053E-06	6.05E-04	6.08E-10	14.00	4.71E-02	4.01E-10	1,000,000	4.01E-04
231	1.4417E-06	9.8366E-07	6.05E-04	5.95E-10	14.00	4.71E-02	3.93E-10	1,000,000	3.93E-04

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 2

					Cancer Risk from 2 to 14 years				
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
232	1.4417E-06	9.6192E-07	6.05E-04	5.82E-10	14.00	4.71E-02	3.84E-10	1,000,000	3.84E-04
233	1.4417E-06	9.376E-07	6.05E-04	5.67E-10	14.00	4.71E-02	3.74E-10	1,000,000	3.74E-04
234	1.4417E-06	9.1079E-07	6.05E-04	5.51E-10	14.00	4.71E-02	3.64E-10	1,000,000	3.64E-04
235	1.4417E-06	8.2481E-07	6.05E-04	4.99E-10	14.00	4.71E-02	3.29E-10	1,000,000	3.29E-04
236	1.4417E-06	9.3056E-07	6.05E-04	5.63E-10	14.00	4.71E-02	3.72E-10	1,000,000	3.72E-04
237	1.4417E-06	9.3532E-07	6.05E-04	5.66E-10	14.00	4.71E-02	3.74E-10	1,000,000	3.74E-04
238	1.4417E-06	9.3411E-07	6.05E-04	5.65E-10	14.00	4.71E-02	3.73E-10	1,000,000	3.73E-04
239	1.4417E-06	1.0614E-06	6.05E-04	6.42E-10	14.00	4.71E-02	4.24E-10	1,000,000	4.24E-04
240	1.4417E-06	1.0617E-06	6.05E-04	6.42E-10	14.00	4.71E-02	4.24E-10	1,000,000	4.24E-04
241	1.4417E-06	1.0582E-06	6.05E-04	6.40E-10	14.00	4.71E-02	4.23E-10	1,000,000	4.23E-04
242	1.4417E-06	1.0475E-06	6.05E-04	6.34E-10	14.00	4.71E-02	4.18E-10	1,000,000	4.18E-04

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 2

					Cancer Risk from 2 to 14 years				
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
243	1.4417E-06	6.8674E-06	6.05E-04	4.16E-09	14.00	4.71E-02	2.74E-09	1,000,000	2.74E-03
244	1.4417E-06	8.0617E-06	6.05E-04	4.88E-09	14.00	4.71E-02	3.22E-09	1,000,000	3.22E-03
245	1.4417E-06	9.6162E-06	6.05E-04	5.82E-09	14.00	4.71E-02	3.84E-09	1,000,000	3.84E-03
246	1.4417E-06	1.1726E-05	6.05E-04	7.09E-09	14.00	4.71E-02	4.68E-09	1,000,000	4.68E-03
247	1.4417E-06	1.4674E-05	6.05E-04	8.88E-09	14.00	4.71E-02	5.86E-09	1,000,000	5.86E-03
248	1.4417E-06	1.9078E-05	6.05E-04	1.15E-08	14.00	4.71E-02	7.62E-09	1,000,000	7.62E-03
249	1.4417E-06	2.6195E-05	6.05E-04	1.58E-08	14.00	4.71E-02	1.05E-08	1,000,000	1.05E-02
250	1.4417E-06	3.9189E-05	6.05E-04	2.37E-08	14.00	4.71E-02	1.56E-08	1,000,000	1.56E-02
251	1.4417E-06	3.4578E-05	6.05E-04	2.09E-08	14.00	4.71E-02	1.38E-08	1,000,000	1.38E-02
252	1.4417E-06	4.7107E-06	6.05E-04	2.85E-09	14.00	4.71E-02	1.88E-09	1,000,000	1.88E-03
253	1.4417E-06	5.3991E-06	6.05E-04	3.27E-09	14.00	4.71E-02	2.16E-09	1,000,000	2.16E-03
254	1.4417E-06	6.2239E-06	6.05E-04	3.77E-09	14.00	4.71E-02	2.49E-09	1,000,000	2.49E-03
255	1.4417E-06	7.2389E-06	6.05E-04	4.38E-09	14.00	4.71E-02	2.89E-09	1,000,000	2.89E-03
256	1.4417E-06	8.5297E-06	6.05E-04	5.16E-09	14.00	4.71E-02	3.41E-09	1,000,000	3.41E-03
257	1.4417E-06	1.02E-05	6.05E-04	6.17E-09	14.00	4.71E-02	4.07E-09	1,000,000	4.07E-03
258	1.4417E-06	1.2496E-05	6.05E-04	7.56E-09	14.00	4.71E-02	4.99E-09	1,000,000	4.99E-03
259	1.4417E-06	1.5757E-05	6.05E-04	9.53E-09	14.00	4.71E-02	6.29E-09	1,000,000	6.29E-03
260	1.4417E-06	2.0808E-05	6.05E-04	1.26E-08	14.00	4.71E-02	8.31E-09	1,000,000	8.31E-03
261	1.4417E-06	2.9441E-05	6.05E-04	1.78E-08	14.00	4.71E-02	1.18E-08	1,000,000	1.18E-02
262	1.4417E-06	4.6156E-05	6.05E-04	2.79E-08	14.00	4.71E-02	1.84E-08	1,000,000	1.84E-02
263	1.4417E-06	4.3752E-06	6.05E-04	2.65E-09	14.00	4.71E-02	1.75E-09	1,000,000	1.75E-03
264	1.4417E-06	4.9622E-06	6.05E-04	3.00E-09	14.00	4.71E-02	1.98E-09	1,000,000	1.98E-03
265	1.4417E-06	5.6696E-06	6.05E-04	3.43E-09	14.00	4.71E-02	2.26E-09	1,000,000	2.26E-03
266	1.4417E-06	6.5217E-06	6.05E-04	3.95E-09	14.00	4.71E-02	2.60E-09	1,000,000	2.60E-03
267	1.4417E-06	7.5891E-06	6.05E-04	4.59E-09	14.00	4.71E-02	3.03E-09	1,000,000	3.03E-03
268	1.4417E-06	8.9409E-06	6.05E-04	5.41E-09	14.00	4.71E-02	3.57E-09	1,000,000	3.57E-03
269	1.4417E-06	1.0764E-05	6.05E-04	6.51E-09	14.00	4.71E-02	4.30E-09	1,000,000	4.30E-03
270	1.4417E-06	1.3278E-05	6.05E-04	8.03E-09	14.00	4.71E-02	5.30E-09	1,000,000	5.30E-03
271	1.4417E-06	1.7037E-05	6.05E-04	1.03E-08	14.00	4.71E-02	6.80E-09	1,000,000	6.80E-03
272	1.4417E-06	2.3061E-05	6.05E-04	1.40E-08	14.00	4.71E-02	9.21E-09	1,000,000	9.21E-03
273	1.4417E-06	3.3745E-05	6.05E-04	2.04E-08	14.00	4.71E-02	1.35E-08	1,000,000	1.35E-02
274	1.4417E-06	5.5486E-05	6.05E-04	3.36E-08	14.00	4.71E-02	2.22E-08	1,000,000	2.22E-02
275	1.4417E-06	4.0639E-06	6.05E-04	2.46E-09	14.00	4.71E-02	1.62E-09	1,000,000	1.62E-03

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 2

	Cancer Risk from 2 to 14 years								
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
276	1.4417E-06	4.5785E-06	6.05E-04	2.77E-09	14.00	4.71E-02	1.83E-09	1,000,000	1.83E-03
277	1.4417E-06	5.1826E-06	6.05E-04	3.14E-09	14.00	4.71E-02	2.07E-09	1,000,000	2.07E-03
278	1.4417E-06	5.9053E-06	6.05E-04	3.57E-09	14.00	4.71E-02	2.36E-09	1,000,000	2.36E-03
279	1.4417E-06	6.7928E-06	6.05E-04	4.11E-09	14.00	4.71E-02	2.71E-09	1,000,000	2.71E-03
280	1.4417E-06	7.9091E-06	6.05E-04	4.79E-09	14.00	4.71E-02	3.16E-09	1,000,000	3.16E-03
281	1.4417E-06	9.3521E-06	6.05E-04	5.66E-09	14.00	4.71E-02	3.73E-09	1,000,000	3.73E-03
282	1.4417E-06	1.1335E-05	6.05E-04	6.86E-09	14.00	4.71E-02	4.53E-09	1,000,000	4.53E-03
283	1.4417E-06	1.418E-05	6.05E-04	8.58E-09	14.00	4.71E-02	5.66E-09	1,000,000	5.66E-03
284	1.4417E-06	1.8497E-05	6.05E-04	1.12E-08	14.00	4.71E-02	7.39E-09	1,000,000	7.39E-03
285	1.4417E-06	2.5653E-05	6.05E-04	1.55E-08	14.00	4.71E-02	1.02E-08	1,000,000	1.02E-02
286	1.4417E-06	3.8978E-05	6.05E-04	2.36E-08	14.00	4.71E-02	1.56E-08	1,000,000	1.56E-02
287	1.4417E-06	3.7827E-06	6.05E-04	2.29E-09	14.00	4.71E-02	1.51E-09	1,000,000	1.51E-03
288	1.4417E-06	4.2291E-06	6.05E-04	2.56E-09	14.00	4.71E-02	1.69E-09	1,000,000	1.69E-03
289	1.4417E-06	4.7456E-06	6.05E-04	2.87E-09	14.00	4.71E-02	1.90E-09	1,000,000	1.90E-03
290	1.4417E-06	5.3614E-06	6.05E-04	3.24E-09	14.00	4.71E-02	2.14E-09	1,000,000	2.14E-03
291	1.4417E-06	6.1053E-06	6.05E-04	3.69E-09	14.00	4.71E-02	2.44E-09	1,000,000	2.44E-03
292	1.4417E-06	7.0392E-06	6.05E-04	4.26E-09	14.00	4.71E-02	2.81E-09	1,000,000	2.81E-03
293	1.4417E-06	8.2229E-06	6.05E-04	4.98E-09	14.00	4.71E-02	3.28E-09	1,000,000	3.28E-03
294	1.4417E-06	9.809E-06	6.05E-04	5.94E-09	14.00	4.71E-02	3.92E-09	1,000,000	3.92E-03
295	1.4417E-06	1.2012E-05	6.05E-04	7.27E-09	14.00	4.71E-02	4.80E-09	1,000,000	4.80E-03
296	1.4417E-06	1.5217E-05	6.05E-04	9.21E-09	14.00	4.71E-02	6.08E-09	1,000,000	6.08E-03
297	1.4417E-06	2.0202E-05	6.05E-04	1.22E-08	14.00	4.71E-02	8.07E-09	1,000,000	8.07E-03
298	1.4417E-06	2.8824E-05	6.05E-04	1.74E-08	14.00	4.71E-02	1.15E-08	1,000,000	1.15E-02
299	1.4417E-06	3.5254E-06	6.05E-04	2.13E-09	14.00	4.71E-02	1.41E-09	1,000,000	1.41E-03
300	1.4417E-06	3.9162E-06	6.05E-04	2.37E-09	14.00	4.71E-02	1.56E-09	1,000,000	1.56E-03
301	1.4417E-06	4.3623E-06	6.05E-04	2.64E-09	14.00	4.71E-02	1.74E-09	1,000,000	1.74E-03
302	1.4417E-06	4.888E-06	6.05E-04	2.96E-09	14.00	4.71E-02	1.95E-09	1,000,000	1.95E-03
303	1.4417E-06	5.5248E-06	6.05E-04	3.34E-09	14.00	4.71E-02	2.21E-09	1,000,000	2.21E-03
304	1.4417E-06	6.2911E-06	6.05E-04	3.81E-09	14.00	4.71E-02	2.51E-09	1,000,000	2.51E-03
305	1.4417E-06	7.2749E-06	6.05E-04	4.40E-09	14.00	4.71E-02	2.91E-09	1,000,000	2.91E-03
306	1.4417E-06	8.5433E-06	6.05E-04	5.17E-09	14.00	4.71E-02	3.41E-09	1,000,000	3.41E-03
307	1.4417E-06	1.0254E-05	6.05E-04	6.20E-09	14.00	4.71E-02	4.10E-09	1,000,000	4.10E-03
308	1.4417E-06	1.264E-05	6.05E-04	7.65E-09	14.00	4.71E-02	5.05E-09	1,000,000	5.05E-03

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 2

	Cancer Risk from 2 to 14 years								
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
309	1.4417E-06	1.6168E-05	6.05E-04	9.78E-09	14.00	4.71E-02	6.46E-09	1,000,000	6.46E-03
310	1.4417E-06	2.1955E-05	6.05E-04	1.33E-08	14.00	4.71E-02	8.77E-09	1,000,000	8.77E-03
311	1.4417E-06	3.2918E-06	6.05E-04	1.99E-09	14.00	4.71E-02	1.31E-09	1,000,000	1.31E-03
312	1.4417E-06	3.6353E-06	6.05E-04	2.20E-09	14.00	4.71E-02	1.45E-09	1,000,000	1.45E-03
313	1.4417E-06	4.0266E-06	6.05E-04	2.44E-09	14.00	4.71E-02	1.61E-09	1,000,000	1.61E-03
314	1.4417E-06	4.4798E-06	6.05E-04	2.71E-09	14.00	4.71E-02	1.79E-09	1,000,000	1.79E-03
315	1.4417E-06	5.0102E-06	6.05E-04	3.03E-09	14.00	4.71E-02	2.00E-09	1,000,000	2.00E-03
316	1.4417E-06	5.6498E-06	6.05E-04	3.42E-09	14.00	4.71E-02	2.26E-09	1,000,000	2.26E-03
317	1.4417E-06	6.4556E-06	6.05E-04	3.91E-09	14.00	4.71E-02	2.58E-09	1,000,000	2.58E-03
318	1.4417E-06	7.4674E-06	6.05E-04	4.52E-09	14.00	4.71E-02	2.98E-09	1,000,000	2.98E-03
319	1.4417E-06	8.8025E-06	6.05E-04	5.33E-09	14.00	4.71E-02	3.52E-09	1,000,000	3.52E-03
320	1.4417E-06	1.0588E-05	6.05E-04	6.41E-09	14.00	4.71E-02	4.23E-09	1,000,000	4.23E-03
321	1.4417E-06	1.3142E-05	6.05E-04	7.95E-09	14.00	4.71E-02	5.25E-09	1,000,000	5.25E-03
322	1.4417E-06	1.7016E-05	6.05E-04	1.03E-08	14.00	4.71E-02	6.80E-09	1,000,000	6.80E-03
323	1.4417E-06	3.0765E-06	6.05E-04	1.86E-09	14.00	4.71E-02	1.23E-09	1,000,000	1.23E-03
324	1.4417E-06	3.3753E-06	6.05E-04	2.04E-09	14.00	4.71E-02	1.35E-09	1,000,000	1.35E-03
325	1.4417E-06	3.7143E-06	6.05E-04	2.25E-09	14.00	4.71E-02	1.48E-09	1,000,000	1.48E-03
326	1.4417E-06	4.0928E-06	6.05E-04	2.48E-09	14.00	4.71E-02	1.63E-09	1,000,000	1.63E-03
327	1.4417E-06	4.5612E-06	6.05E-04	2.76E-09	14.00	4.71E-02	1.82E-09	1,000,000	1.82E-03
328	1.4417E-06	5.103E-06	6.05E-04	3.09E-09	14.00	4.71E-02	2.04E-09	1,000,000	2.04E-03
329	1.4417E-06	5.7889E-06	6.05E-04	3.50E-09	14.00	4.71E-02	2.31E-09	1,000,000	2.31E-03
330	1.4417E-06	6.5828E-06	6.05E-04	3.98E-09	14.00	4.71E-02	2.63E-09	1,000,000	2.63E-03
331	1.4417E-06	7.6116E-06	6.05E-04	4.61E-09	14.00	4.71E-02	3.04E-09	1,000,000	3.04E-03
332	1.4417E-06	8.9597E-06	6.05E-04	5.42E-09	14.00	4.71E-02	3.58E-09	1,000,000	3.58E-03
333	1.4417E-06	1.0779E-05	6.05E-04	6.52E-09	14.00	4.71E-02	4.30E-09	1,000,000	4.30E-03
334	1.4417E-06	1.3297E-05	6.05E-04	8.05E-09	14.00	4.71E-02	5.31E-09	1,000,000	5.31E-03
335	1.4417E-06	2.8775E-06	6.05E-04	1.74E-09	14.00	4.71E-02	1.15E-09	1,000,000	1.15E-03
336	1.4417E-06	3.1386E-06	6.05E-04	1.90E-09	14.00	4.71E-02	1.25E-09	1,000,000	1.25E-03
337	1.4417E-06	3.4325E-06	6.05E-04	2.08E-09	14.00	4.71E-02	1.37E-09	1,000,000	1.37E-03
338	1.4417E-06	3.7601E-06	6.05E-04	2.28E-09	14.00	4.71E-02	1.50E-09	1,000,000	1.50E-03
339	1.4417E-06	4.158E-06	6.05E-04	2.52E-09	14.00	4.71E-02	1.66E-09	1,000,000	1.66E-03
340	1.4417E-06	4.6131E-06	6.05E-04	2.79E-09	14.00	4.71E-02	1.84E-09	1,000,000	1.84E-03
341	1.4417E-06	5.1745E-06	6.05E-04	3.13E-09	14.00	4.71E-02	2.07E-09	1,000,000	2.07E-03

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 2

	Cancer Risk 14 to 30 years												
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million	Total Risk		Max	Receptor #
1	1.44E-06	2.9396E-07	2.50E-04	7.36E-11	1.40E+01	1.15E-02	1.18E-11	1.0E+06	1.2E-05	2.3E-04	Res	0.043	1
2	1.4417E-06	2.5526E-07	2.50E-04	6.39E-11	14.00	1.15E-02	1.03E-11	1,000,000	1.03E-05	2.0E-04			
3	1.4417E-06	2.5927E-07	2.50E-04	6.49E-11	14.00	1.15E-02	1.04E-11	1,000,000	1.04E-05	2.0E-04			
4	1.4417E-06	2.6675E-07	2.50E-04	6.68E-11	14.00	1.15E-02	1.07E-11	1,000,000	1.07E-05	2.1E-04			
5	1.4417E-06	2.7448E-07	2.50E-04	6.87E-11	14.00	1.15E-02	1.10E-11	1,000,000	1.10E-05	2.1E-04			
6	1.4417E-06	2.7937E-07	2.50E-04	6.99E-11	14.00	1.15E-02	1.12E-11	1,000,000	1.12E-05	2.2E-04			
7	1.4417E-06	2.8832E-07	2.50E-04	7.22E-11	14.00	1.15E-02	1.16E-11	1,000,000	1.16E-05	2.3E-04			
8	1.4417E-06	2.3982E-07	2.50E-04	6.00E-11	14.00	1.15E-02	9.64E-12	1,000,000	9.64E-06	1.9E-04			
9	1.4417E-06	2.3783E-07	2.50E-04	5.95E-11	14.00	1.15E-02	9.56E-12	1,000,000	9.56E-06	1.9E-04			
10	1.4417E-06	2.3596E-07	2.50E-04	5.91E-11	14.00	1.15E-02	9.48E-12	1,000,000	9.48E-06	1.8E-04			
11	1.4417E-06	2.3401E-07	2.50E-04	5.86E-11	14.00	1.15E-02	9.41E-12	1,000,000	9.41E-06	1.8E-04			
12	1.4417E-06	2.3195E-07	2.50E-04	5.81E-11	14.00	1.15E-02	9.32E-12	1,000,000	9.32E-06	1.8E-04			
13	1.4417E-06	2.2981E-07	2.50E-04	5.75E-11	14.00	1.15E-02	9.24E-12	1,000,000	9.24E-06	1.8E-04			
14	1.4417E-06	2.2761E-07	2.50E-04	5.70E-11	14.00	1.15E-02	9.15E-12	1,000,000	9.15E-06	1.8E-04			
15	1.4417E-06	2.2537E-07	2.50E-04	5.64E-11	14.00	1.15E-02	9.06E-12	1,000,000	9.06E-06	1.8E-04			
16	1.4417E-06	2.5197E-07	2.50E-04	6.31E-11	14.00	1.15E-02	1.01E-11	1,000,000	1.01E-05	2.0E-04			
17	1.4417E-06	2.4983E-07	2.50E-04	6.25E-11	14.00	1.15E-02	1.00E-11	1,000,000	1.00E-05	2.0E-04			
18	1.4417E-06	2.4784E-07	2.50E-04	6.20E-11	14.00	1.15E-02	9.96E-12	1,000,000	9.96E-06	1.9E-04			
19	1.4417E-06	2.4576E-07	2.50E-04	6.15E-11	14.00	1.15E-02	9.88E-12	1,000,000	9.88E-06	1.9E-04			
20	1.4417E-06	2.4353E-07	2.50E-04	6.09E-11	14.00	1.15E-02	9.79E-12	1,000,000	9.79E-06	1.9E-04			
21	1.4417E-06	2.413E-07	2.50E-04	6.04E-11	14.00	1.15E-02	9.70E-12	1,000,000	9.70E-06	1.9E-04			
22	1.4417E-06	2.3901E-07	2.50E-04	5.98E-11	14.00	1.15E-02	9.61E-12	1,000,000	9.61E-06	1.9E-04			
23	1.4417E-06	2.3656E-07	2.50E-04	5.92E-11	14.00	1.15E-02	9.51E-12	1,000,000	9.51E-06	1.8E-04			
24	1.4417E-06	2.6077E-07	2.50E-04	6.53E-11	14.00	1.15E-02	1.05E-11	1,000,000	1.05E-05	2.0E-04			
25	1.4417E-06	2.5855E-07	2.50E-04	6.47E-11	14.00	1.15E-02	1.04E-11	1,000,000	1.04E-05	2.0E-04			
26	1.4417E-06	2.561E-07	2.50E-04	6.41E-11	14.00	1.15E-02	1.03E-11	1,000,000	1.03E-05	2.0E-04			
27	1.4417E-06	2.5372E-07	2.50E-04	6.35E-11	14.00	1.15E-02	1.02E-11	1,000,000	1.02E-05	2.0E-04			
28	1.4417E-06	2.5131E-07	2.50E-04	6.29E-11	14.00	1.15E-02	1.01E-11	1,000,000	1.01E-05	2.0E-04			
29	1.4417E-06	2.4864E-07	2.50E-04	6.22E-11	14.00	1.15E-02	9.99E-12	1,000,000	9.99E-06	1.9E-04			
30	1.4417E-06	2.7487E-07	2.50E-04	6.88E-11	14.00	1.15E-02	1.10E-11	1,000,000	1.10E-05	2.1E-04			
31	1.4417E-06	2.7253E-07	2.50E-04	6.82E-11	14.00	1.15E-02	1.10E-11	1,000,000	1.10E-05	2.1E-04			
32	1.4417E-06	2.6987E-07	2.50E-04	6.75E-11	14.00	1.15E-02	1.08E-11	1,000,000	1.08E-05	2.1E-04			
33	1.4417E-06	2.6733E-07	2.50E-04	6.69E-11	14.00	1.15E-02	1.07E-11	1,000,000	1.07E-05	2.1E-04			

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 2

	Cancer Risk 14 to 30 years												
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million	Total Risk		Max	Receptor #
34	1.4417E-06	2.6475E-07	2.50E-04	6.63E-11	14.00	1.15E-02	1.06E-11	1,000,000	1.06E-05	2.1E-04			
35	1.4417E-06	2.6192E-07	2.50E-04	6.56E-11	14.00	1.15E-02	1.05E-11	1,000,000	1.05E-05	2.0E-04			
36	1.4417E-06	2.9041E-07	2.50E-04	7.27E-11	14.00	1.15E-02	1.17E-11	1,000,000	1.17E-05	2.3E-04			
37	1.4417E-06	2.8787E-07	2.50E-04	7.20E-11	14.00	1.15E-02	1.16E-11	1,000,000	1.16E-05	2.3E-04			
38	1.4417E-06	2.8502E-07	2.50E-04	7.13E-11	14.00	1.15E-02	1.15E-11	1,000,000	1.15E-05	2.2E-04			
39	1.4417E-06	2.8226E-07	2.50E-04	7.06E-11	14.00	1.15E-02	1.13E-11	1,000,000	1.13E-05	2.2E-04			
40	1.4417E-06	2.7951E-07	2.50E-04	7.00E-11	14.00	1.15E-02	1.12E-11	1,000,000	1.12E-05	2.2E-04			
41	1.4417E-06	2.7645E-07	2.50E-04	6.92E-11	14.00	1.15E-02	1.11E-11	1,000,000	1.11E-05	2.2E-04			
42	1.4417E-06	3.3071E-07	2.50E-04	8.28E-11	14.00	1.15E-02	1.33E-11	1,000,000	1.33E-05	2.6E-04			
43	1.4417E-06	3.3066E-07	2.50E-04	8.28E-11	14.00	1.15E-02	1.33E-11	1,000,000	1.33E-05	2.6E-04			
44	1.4417E-06	3.2996E-07	2.50E-04	8.26E-11	14.00	1.15E-02	1.33E-11	1,000,000	1.33E-05	2.6E-04			
45	1.4417E-06	3.287E-07	2.50E-04	8.23E-11	14.00	1.15E-02	1.32E-11	1,000,000	1.32E-05	2.6E-04			
46	1.4417E-06	3.2693E-07	2.50E-04	8.18E-11	14.00	1.15E-02	1.31E-11	1,000,000	1.31E-05	2.6E-04			
47	1.4417E-06	3.2471E-07	2.50E-04	8.13E-11	14.00	1.15E-02	1.31E-11	1,000,000	1.31E-05	2.5E-04			
48	1.4417E-06	3.225E-07	2.50E-04	8.07E-11	14.00	1.15E-02	1.30E-11	1,000,000	1.30E-05	2.5E-04			
49	1.4417E-06	3.0747E-07	2.50E-04	7.70E-11	14.00	1.15E-02	1.24E-11	1,000,000	1.24E-05	2.4E-04			
50	1.4417E-06	3.0476E-07	2.50E-04	7.63E-11	14.00	1.15E-02	1.22E-11	1,000,000	1.22E-05	2.4E-04			
51	1.4417E-06	3.017E-07	2.50E-04	7.55E-11	14.00	1.15E-02	1.21E-11	1,000,000	1.21E-05	2.4E-04			
52	1.4417E-06	2.9873E-07	2.50E-04	7.48E-11	14.00	1.15E-02	1.20E-11	1,000,000	1.20E-05	2.3E-04			
53	1.4417E-06	2.9569E-07	2.50E-04	7.40E-11	14.00	1.15E-02	1.19E-11	1,000,000	1.19E-05	2.3E-04			
54	1.4417E-06	2.9236E-07	2.50E-04	7.32E-11	14.00	1.15E-02	1.18E-11	1,000,000	1.18E-05	2.3E-04			
55	1.4417E-06	3.4879E-07	2.50E-04	8.73E-11	14.00	1.15E-02	1.40E-11	1,000,000	1.40E-05	2.7E-04			
56	1.4417E-06	3.4958E-07	2.50E-04	8.75E-11	14.00	1.15E-02	1.41E-11	1,000,000	1.41E-05	2.7E-04			
57	1.4417E-06	3.499E-07	2.50E-04	8.76E-11	14.00	1.15E-02	1.41E-11	1,000,000	1.41E-05	2.7E-04			
58	1.4417E-06	3.4928E-07	2.50E-04	8.74E-11	14.00	1.15E-02	1.40E-11	1,000,000	1.40E-05	2.7E-04			
59	1.4417E-06	3.4822E-07	2.50E-04	8.72E-11	14.00	1.15E-02	1.40E-11	1,000,000	1.40E-05	2.7E-04			
60	1.4417E-06	3.4667E-07	2.50E-04	8.68E-11	14.00	1.15E-02	1.39E-11	1,000,000	1.39E-05	2.7E-04			
61	1.4417E-06	3.4443E-07	2.50E-04	8.62E-11	14.00	1.15E-02	1.38E-11	1,000,000	1.38E-05	2.7E-04			
62	1.4417E-06	3.4211E-07	2.50E-04	8.56E-11	14.00	1.15E-02	1.38E-11	1,000,000	1.38E-05	2.7E-04			
63	1.4417E-06	3.3988E-07	2.50E-04	8.51E-11	14.00	1.15E-02	1.37E-11	1,000,000	1.37E-05	2.7E-04			
64	1.4417E-06	3.2628E-07	2.50E-04	8.17E-11	14.00	1.15E-02	1.31E-11	1,000,000	1.31E-05	2.6E-04			
65	1.4417E-06	3.234E-07	2.50E-04	8.09E-11	14.00	1.15E-02	1.30E-11	1,000,000	1.30E-05	2.5E-04			
66	1.4417E-06	3.2018E-07	2.50E-04	8.01E-11	14.00	1.15E-02	1.29E-11	1,000,000	1.29E-05	2.5E-04			

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 2

	Cancer Risk 14 to 30 years												
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million	Total Risk		Max	Receptor #
67	1.4417E-06	3.1684E-07	2.50E-04	7.93E-11	14.00	1.15E-02	1.27E-11	1,000,000	1.27E-05	2.5E-04			
68	1.4417E-06	3.1355E-07	2.50E-04	7.85E-11	14.00	1.15E-02	1.26E-11	1,000,000	1.26E-05	2.5E-04			
69	1.4417E-06	3.1E-07	2.50E-04	7.76E-11	14.00	1.15E-02	1.25E-11	1,000,000	1.25E-05	2.4E-04			
70	1.4417E-06	3.7007E-07	2.50E-04	9.26E-11	14.00	1.15E-02	1.49E-11	1,000,000	1.49E-05	2.9E-04			
71	1.4417E-06	3.7092E-07	2.50E-04	9.28E-11	14.00	1.15E-02	1.49E-11	1,000,000	1.49E-05	2.9E-04			
72	1.4417E-06	3.7076E-07	2.50E-04	9.28E-11	14.00	1.15E-02	1.49E-11	1,000,000	1.49E-05	2.9E-04			
73	1.4417E-06	3.6972E-07	2.50E-04	9.25E-11	14.00	1.15E-02	1.49E-11	1,000,000	1.49E-05	2.9E-04			
74	1.4417E-06	3.6835E-07	2.50E-04	9.22E-11	14.00	1.15E-02	1.48E-11	1,000,000	1.48E-05	2.9E-04			
75	1.4417E-06	3.6641E-07	2.50E-04	9.17E-11	14.00	1.15E-02	1.47E-11	1,000,000	1.47E-05	2.9E-04			
76	1.4417E-06	3.6372E-07	2.50E-04	9.10E-11	14.00	1.15E-02	1.46E-11	1,000,000	1.46E-05	2.8E-04			
77	1.4417E-06	3.6147E-07	2.50E-04	9.05E-11	14.00	1.15E-02	1.45E-11	1,000,000	1.45E-05	2.8E-04			
78	1.4417E-06	3.4394E-07	2.50E-04	8.61E-11	14.00	1.15E-02	1.38E-11	1,000,000	1.38E-05	2.7E-04			
79	1.4417E-06	3.4031E-07	2.50E-04	8.52E-11	14.00	1.15E-02	1.37E-11	1,000,000	1.37E-05	2.7E-04			
80	1.4417E-06	3.3675E-07	2.50E-04	8.43E-11	14.00	1.15E-02	1.35E-11	1,000,000	1.35E-05	2.6E-04			
81	1.4417E-06	3.3316E-07	2.50E-04	8.34E-11	14.00	1.15E-02	1.34E-11	1,000,000	1.34E-05	2.6E-04			
82	1.4417E-06	3.2927E-07	2.50E-04	8.24E-11	14.00	1.15E-02	1.32E-11	1,000,000	1.32E-05	2.6E-04			
83	1.4417E-06	3.9267E-07	2.50E-04	9.83E-11	14.00	1.15E-02	1.58E-11	1,000,000	1.58E-05	3.1E-04			
84	1.4417E-06	3.9394E-07	2.50E-04	9.86E-11	14.00	1.15E-02	1.58E-11	1,000,000	1.58E-05	3.1E-04			
85	1.4417E-06	3.944E-07	2.50E-04	9.87E-11	14.00	1.15E-02	1.59E-11	1,000,000	1.59E-05	3.1E-04			
86	1.4417E-06	3.9364E-07	2.50E-04	9.85E-11	14.00	1.15E-02	1.58E-11	1,000,000	1.58E-05	3.1E-04			
87	1.4417E-06	3.9231E-07	2.50E-04	9.82E-11	14.00	1.15E-02	1.58E-11	1,000,000	1.58E-05	3.1E-04			
88	1.4417E-06	3.9057E-07	2.50E-04	9.77E-11	14.00	1.15E-02	1.57E-11	1,000,000	1.57E-05	3.1E-04			
89	1.4417E-06	3.8799E-07	2.50E-04	9.71E-11	14.00	1.15E-02	1.56E-11	1,000,000	1.56E-05	3.0E-04			
90	1.4417E-06	3.8542E-07	2.50E-04	9.65E-11	14.00	1.15E-02	1.55E-11	1,000,000	1.55E-05	3.0E-04			
91	1.4417E-06	3.8304E-07	2.50E-04	9.59E-11	14.00	1.15E-02	1.54E-11	1,000,000	1.54E-05	3.0E-04			
92	1.4417E-06	3.7025E-07	2.50E-04	9.27E-11	14.00	1.15E-02	1.49E-11	1,000,000	1.49E-05	2.9E-04			
93	1.4417E-06	3.6675E-07	2.50E-04	9.18E-11	14.00	1.15E-02	1.47E-11	1,000,000	1.47E-05	2.9E-04			
94	1.4417E-06	3.6276E-07	2.50E-04	9.08E-11	14.00	1.15E-02	1.46E-11	1,000,000	1.46E-05	2.8E-04			
95	1.4417E-06	3.5889E-07	2.50E-04	8.98E-11	14.00	1.15E-02	1.44E-11	1,000,000	1.44E-05	2.8E-04			
96	1.4417E-06	3.5493E-07	2.50E-04	8.88E-11	14.00	1.15E-02	1.43E-11	1,000,000	1.43E-05	2.8E-04			
97	1.4417E-06	3.5068E-07	2.50E-04	8.78E-11	14.00	1.15E-02	1.41E-11	1,000,000	1.41E-05	2.7E-04			
98	1.4417E-06	4.1922E-07	2.50E-04	1.05E-10	14.00	1.15E-02	1.68E-11	1,000,000	1.68E-05	3.3E-04			
99	1.4417E-06	4.2047E-07	2.50E-04	1.05E-10	14.00	1.15E-02	1.69E-11	1,000,000	1.69E-05	3.3E-04			

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 2

	Cancer Risk 14 to 30 years												
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million	Total Risk		Max	Receptor #
100	1.4417E-06	4.2043E-07	2.50E-04	1.05E-10	14.00	1.15E-02	1.69E-11	1,000,000	1.69E-05	3.3E-04			
101	1.4417E-06	4.1888E-07	2.50E-04	1.05E-10	14.00	1.15E-02	1.68E-11	1,000,000	1.68E-05	3.3E-04			
102	1.4417E-06	4.1743E-07	2.50E-04	1.04E-10	14.00	1.15E-02	1.68E-11	1,000,000	1.68E-05	3.3E-04			
103	1.4417E-06	4.1521E-07	2.50E-04	1.04E-10	14.00	1.15E-02	1.67E-11	1,000,000	1.67E-05	3.2E-04			
104	1.4417E-06	4.1225E-07	2.50E-04	1.03E-10	14.00	1.15E-02	1.66E-11	1,000,000	1.66E-05	3.2E-04			
105	1.4417E-06	4.0999E-07	2.50E-04	1.03E-10	14.00	1.15E-02	1.65E-11	1,000,000	1.65E-05	3.2E-04			
106	1.4417E-06	3.9644E-07	2.50E-04	9.92E-11	14.00	1.15E-02	1.59E-11	1,000,000	1.59E-05	3.1E-04			
107	1.4417E-06	3.9244E-07	2.50E-04	9.82E-11	14.00	1.15E-02	1.58E-11	1,000,000	1.58E-05	3.1E-04			
108	1.4417E-06	3.8806E-07	2.50E-04	9.71E-11	14.00	1.15E-02	1.56E-11	1,000,000	1.56E-05	3.0E-04			
109	1.4417E-06	3.8361E-07	2.50E-04	9.60E-11	14.00	1.15E-02	1.54E-11	1,000,000	1.54E-05	3.0E-04			
110	1.4417E-06	3.7921E-07	2.50E-04	9.49E-11	14.00	1.15E-02	1.52E-11	1,000,000	1.52E-05	3.0E-04			
111	1.4417E-06	3.7438E-07	2.50E-04	9.37E-11	14.00	1.15E-02	1.50E-11	1,000,000	1.50E-05	2.9E-04			
112	1.4417E-06	4.4923E-07	2.50E-04	1.12E-10	14.00	1.15E-02	1.81E-11	1,000,000	1.81E-05	3.5E-04			
113	1.4417E-06	4.4991E-07	2.50E-04	1.13E-10	14.00	1.15E-02	1.81E-11	1,000,000	1.81E-05	3.5E-04			
114	1.4417E-06	4.4893E-07	2.50E-04	1.12E-10	14.00	1.15E-02	1.80E-11	1,000,000	1.80E-05	3.5E-04			
115	1.4417E-06	4.4737E-07	2.50E-04	1.12E-10	14.00	1.15E-02	1.80E-11	1,000,000	1.80E-05	3.5E-04			
116	1.4417E-06	4.4563E-07	2.50E-04	1.12E-10	14.00	1.15E-02	1.79E-11	1,000,000	1.79E-05	3.5E-04			
117	1.4417E-06	4.4277E-07	2.50E-04	1.11E-10	14.00	1.15E-02	1.78E-11	1,000,000	1.78E-05	3.5E-04			
118	1.4417E-06	4.4004E-07	2.50E-04	1.10E-10	14.00	1.15E-02	1.77E-11	1,000,000	1.77E-05	3.4E-04			
119	1.4417E-06	4.3737E-07	2.50E-04	1.09E-10	14.00	1.15E-02	1.76E-11	1,000,000	1.76E-05	3.4E-04			
120	1.4417E-06	4.2606E-07	2.50E-04	1.07E-10	14.00	1.15E-02	1.71E-11	1,000,000	1.71E-05	3.3E-04			
121	1.4417E-06	4.2134E-07	2.50E-04	1.05E-10	14.00	1.15E-02	1.69E-11	1,000,000	1.69E-05	3.3E-04			
122	1.4417E-06	4.1665E-07	2.50E-04	1.04E-10	14.00	1.15E-02	1.67E-11	1,000,000	1.67E-05	3.3E-04			
123	1.4417E-06	4.1157E-07	2.50E-04	1.03E-10	14.00	1.15E-02	1.65E-11	1,000,000	1.65E-05	3.2E-04			
124	1.4417E-06	4.0646E-07	2.50E-04	1.02E-10	14.00	1.15E-02	1.63E-11	1,000,000	1.63E-05	3.2E-04			
125	1.4417E-06	4.0108E-07	2.50E-04	1.00E-10	14.00	1.15E-02	1.61E-11	1,000,000	1.61E-05	3.1E-04			
126	1.4417E-06	4.8099E-07	2.50E-04	1.20E-10	14.00	1.15E-02	1.93E-11	1,000,000	1.93E-05	3.8E-04			
127	1.4417E-06	4.8258E-07	2.50E-04	1.21E-10	14.00	1.15E-02	1.94E-11	1,000,000	1.94E-05	3.8E-04			
128	1.4417E-06	4.8278E-07	2.50E-04	1.21E-10	14.00	1.15E-02	1.94E-11	1,000,000	1.94E-05	3.8E-04			
129	1.4417E-06	4.8115E-07	2.50E-04	1.20E-10	14.00	1.15E-02	1.93E-11	1,000,000	1.93E-05	3.8E-04			
130	1.4417E-06	4.7976E-07	2.50E-04	1.20E-10	14.00	1.15E-02	1.93E-11	1,000,000	1.93E-05	3.7E-04			
131	1.4417E-06	4.7745E-07	2.50E-04	1.19E-10	14.00	1.15E-02	1.92E-11	1,000,000	1.92E-05	3.7E-04			
132	1.4417E-06	4.7409E-07	2.50E-04	1.19E-10	14.00	1.15E-02	1.91E-11	1,000,000	1.91E-05	3.7E-04			

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 2

	Cancer Risk 14 to 30 years												
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million	Total Risk		Max	Receptor #
133	1.4417E-06	4.7147E-07	2.50E-04	1.18E-10	14.00	1.15E-02	1.90E-11	1,000,000	1.90E-05	3.7E-04			
134	1.4417E-06	4.5331E-07	2.50E-04	1.13E-10	14.00	1.15E-02	1.82E-11	1,000,000	1.82E-05	3.5E-04			
135	1.4417E-06	4.4848E-07	2.50E-04	1.12E-10	14.00	1.15E-02	1.80E-11	1,000,000	1.80E-05	3.5E-04			
136	1.4417E-06	4.4315E-07	2.50E-04	1.11E-10	14.00	1.15E-02	1.78E-11	1,000,000	1.78E-05	3.5E-04			
137	1.4417E-06	4.3728E-07	2.50E-04	1.09E-10	14.00	1.15E-02	1.76E-11	1,000,000	1.76E-05	3.4E-04			
138	1.4417E-06	4.3102E-07	2.50E-04	1.08E-10	14.00	1.15E-02	1.73E-11	1,000,000	1.73E-05	3.4E-04			
139	1.4417E-06	5.1923E-07	2.50E-04	1.30E-10	14.00	1.15E-02	2.09E-11	1,000,000	2.09E-05	4.1E-04			
140	1.4417E-06	5.207E-07	2.50E-04	1.30E-10	14.00	1.15E-02	2.09E-11	1,000,000	2.09E-05	4.1E-04			
141	1.4417E-06	5.1999E-07	2.50E-04	1.30E-10	14.00	1.15E-02	2.09E-11	1,000,000	2.09E-05	4.1E-04			
142	1.4417E-06	5.1839E-07	2.50E-04	1.30E-10	14.00	1.15E-02	2.08E-11	1,000,000	2.08E-05	4.1E-04			
143	1.4417E-06	5.1674E-07	2.50E-04	1.29E-10	14.00	1.15E-02	2.08E-11	1,000,000	2.08E-05	4.0E-04			
144	1.4417E-06	5.1362E-07	2.50E-04	1.29E-10	14.00	1.15E-02	2.06E-11	1,000,000	2.06E-05	4.0E-04			
145	1.4417E-06	5.1013E-07	2.50E-04	1.28E-10	14.00	1.15E-02	2.05E-11	1,000,000	2.05E-05	4.0E-04			
146	1.4417E-06	5.067E-07	2.50E-04	1.27E-10	14.00	1.15E-02	2.04E-11	1,000,000	2.04E-05	4.0E-04			
147	1.4417E-06	4.9067E-07	2.50E-04	1.23E-10	14.00	1.15E-02	1.97E-11	1,000,000	1.97E-05	3.8E-04			
148	1.4417E-06	4.8496E-07	2.50E-04	1.21E-10	14.00	1.15E-02	1.95E-11	1,000,000	1.95E-05	3.8E-04			
149	1.4417E-06	4.7879E-07	2.50E-04	1.20E-10	14.00	1.15E-02	1.92E-11	1,000,000	1.92E-05	3.7E-04			
150	1.4417E-06	4.723E-07	2.50E-04	1.18E-10	14.00	1.15E-02	1.90E-11	1,000,000	1.90E-05	3.7E-04			
151	1.4417E-06	4.6525E-07	2.50E-04	1.16E-10	14.00	1.15E-02	1.87E-11	1,000,000	1.87E-05	3.6E-04			
152	1.4417E-06	5.6091E-07	2.50E-04	1.40E-10	14.00	1.15E-02	2.25E-11	1,000,000	2.25E-05	4.4E-04			
153	1.4417E-06	5.6346E-07	2.50E-04	1.41E-10	14.00	1.15E-02	2.26E-11	1,000,000	2.26E-05	4.4E-04			
154	1.4417E-06	5.6414E-07	2.50E-04	1.41E-10	14.00	1.15E-02	2.27E-11	1,000,000	2.27E-05	4.4E-04			
155	1.4417E-06	5.6276E-07	2.50E-04	1.41E-10	14.00	1.15E-02	2.26E-11	1,000,000	2.26E-05	4.4E-04			
156	1.4417E-06	5.6133E-07	2.50E-04	1.40E-10	14.00	1.15E-02	2.26E-11	1,000,000	2.26E-05	4.4E-04			
157	1.4417E-06	5.5888E-07	2.50E-04	1.40E-10	14.00	1.15E-02	2.25E-11	1,000,000	2.25E-05	4.4E-04			
158	1.4417E-06	5.5523E-07	2.50E-04	1.39E-10	14.00	1.15E-02	2.23E-11	1,000,000	2.23E-05	4.3E-04			
159	1.4417E-06	5.5088E-07	2.50E-04	1.38E-10	14.00	1.15E-02	2.21E-11	1,000,000	2.21E-05	4.3E-04			
160	1.4417E-06	5.4534E-07	2.50E-04	1.36E-10	14.00	1.15E-02	2.19E-11	1,000,000	2.19E-05	4.3E-04			
161	1.4417E-06	5.3963E-07	2.50E-04	1.35E-10	14.00	1.15E-02	2.17E-11	1,000,000	2.17E-05	4.2E-04			
162	1.4417E-06	5.3301E-07	2.50E-04	1.33E-10	14.00	1.15E-02	2.14E-11	1,000,000	2.14E-05	4.2E-04			
163	1.4417E-06	5.2612E-07	2.50E-04	1.32E-10	14.00	1.15E-02	2.11E-11	1,000,000	2.11E-05	4.1E-04			
164	1.4417E-06	5.1914E-07	2.50E-04	1.30E-10	14.00	1.15E-02	2.09E-11	1,000,000	2.09E-05	4.1E-04			
165	1.4417E-06	5.124E-07	2.50E-04	1.28E-10	14.00	1.15E-02	2.06E-11	1,000,000	2.06E-05	4.0E-04			

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 2

	Cancer Risk 14 to 30 years												
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million	Total Risk		Max	Receptor #
166	1.4417E-06	5.0475E-07	2.50E-04	1.26E-10	14.00	1.15E-02	2.03E-11	1,000,000	2.03E-05	3.9E-04			
167	1.4417E-06	6.1219E-07	2.50E-04	1.53E-10	14.00	1.15E-02	2.46E-11	1,000,000	2.46E-05	4.8E-04			
168	1.4417E-06	6.1463E-07	2.50E-04	1.54E-10	14.00	1.15E-02	2.47E-11	1,000,000	2.47E-05	4.8E-04			
169	1.4417E-06	6.145E-07	2.50E-04	1.54E-10	14.00	1.15E-02	2.47E-11	1,000,000	2.47E-05	4.8E-04			
170	1.4417E-06	6.1268E-07	2.50E-04	1.53E-10	14.00	1.15E-02	2.46E-11	1,000,000	2.46E-05	4.8E-04			
171	1.4417E-06	6.1052E-07	2.50E-04	1.53E-10	14.00	1.15E-02	2.45E-11	1,000,000	2.45E-05	4.8E-04			
172	1.4417E-06	6.0672E-07	2.50E-04	1.52E-10	14.00	1.15E-02	2.44E-11	1,000,000	2.44E-05	4.7E-04			
173	1.4417E-06	6.0125E-07	2.50E-04	1.50E-10	14.00	1.15E-02	2.42E-11	1,000,000	2.42E-05	4.7E-04			
174	1.4417E-06	5.9455E-07	2.50E-04	1.49E-10	14.00	1.15E-02	2.39E-11	1,000,000	2.39E-05	4.6E-04			
175	1.4417E-06	5.8846E-07	2.50E-04	1.47E-10	14.00	1.15E-02	2.37E-11	1,000,000	2.37E-05	4.6E-04			
176	1.4417E-06	5.8124E-07	2.50E-04	1.45E-10	14.00	1.15E-02	2.34E-11	1,000,000	2.34E-05	4.5E-04			
177	1.4417E-06	5.7373E-07	2.50E-04	1.44E-10	14.00	1.15E-02	2.31E-11	1,000,000	2.31E-05	4.5E-04			
178	1.4417E-06	5.6627E-07	2.50E-04	1.42E-10	14.00	1.15E-02	2.28E-11	1,000,000	2.28E-05	4.4E-04			
179	1.4417E-06	5.5866E-07	2.50E-04	1.40E-10	14.00	1.15E-02	2.25E-11	1,000,000	2.25E-05	4.4E-04			
180	1.4417E-06	5.4982E-07	2.50E-04	1.38E-10	14.00	1.15E-02	2.21E-11	1,000,000	2.21E-05	4.3E-04			
181	1.4417E-06	6.7004E-07	2.50E-04	1.68E-10	14.00	1.15E-02	2.69E-11	1,000,000	2.69E-05	5.2E-04			
182	1.4417E-06	6.7292E-07	2.50E-04	1.68E-10	14.00	1.15E-02	2.70E-11	1,000,000	2.70E-05	5.3E-04			
183	1.4417E-06	6.7465E-07	2.50E-04	1.69E-10	14.00	1.15E-02	2.71E-11	1,000,000	2.71E-05	5.3E-04			
184	1.4417E-06	6.7353E-07	2.50E-04	1.69E-10	14.00	1.15E-02	2.71E-11	1,000,000	2.71E-05	5.3E-04			
185	1.4417E-06	6.7109E-07	2.50E-04	1.68E-10	14.00	1.15E-02	2.70E-11	1,000,000	2.70E-05	5.2E-04			
186	1.4417E-06	6.6734E-07	2.50E-04	1.67E-10	14.00	1.15E-02	2.68E-11	1,000,000	2.68E-05	5.2E-04			
187	1.4417E-06	6.6165E-07	2.50E-04	1.66E-10	14.00	1.15E-02	2.66E-11	1,000,000	2.66E-05	5.2E-04			
188	1.4417E-06	6.5493E-07	2.50E-04	1.64E-10	14.00	1.15E-02	2.63E-11	1,000,000	2.63E-05	5.1E-04			
189	1.4417E-06	6.4765E-07	2.50E-04	1.62E-10	14.00	1.15E-02	2.60E-11	1,000,000	2.60E-05	5.1E-04			
190	1.4417E-06	6.3956E-07	2.50E-04	1.60E-10	14.00	1.15E-02	2.57E-11	1,000,000	2.57E-05	5.0E-04			
191	1.4417E-06	6.3082E-07	2.50E-04	1.58E-10	14.00	1.15E-02	2.54E-11	1,000,000	2.54E-05	4.9E-04			
192	1.4417E-06	6.2168E-07	2.50E-04	1.56E-10	14.00	1.15E-02	2.50E-11	1,000,000	2.50E-05	4.9E-04			
193	1.4417E-06	6.1238E-07	2.50E-04	1.53E-10	14.00	1.15E-02	2.46E-11	1,000,000	2.46E-05	4.8E-04			
194	1.4417E-06	6.016E-07	2.50E-04	1.51E-10	14.00	1.15E-02	2.42E-11	1,000,000	2.42E-05	4.7E-04			
195	1.4417E-06	7.4068E-07	2.50E-04	1.85E-10	14.00	1.15E-02	2.98E-11	1,000,000	2.98E-05	5.8E-04			
196	1.4417E-06	7.4496E-07	2.50E-04	1.86E-10	14.00	1.15E-02	2.99E-11	1,000,000	2.99E-05	5.8E-04			
197	1.4417E-06	7.4573E-07	2.50E-04	1.87E-10	14.00	1.15E-02	3.00E-11	1,000,000	3.00E-05	5.8E-04			
198	1.4417E-06	7.4246E-07	2.50E-04	1.86E-10	14.00	1.15E-02	2.98E-11	1,000,000	2.98E-05	5.8E-04			

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 2

	Cancer Risk 14 to 30 years												
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million	Total Risk		Max	Receptor #
199	1.4417E-06	7.3825E-07	2.50E-04	1.85E-10	14.00	1.15E-02	2.97E-11	1,000,000	2.97E-05	5.8E-04			
200	1.4417E-06	7.3228E-07	2.50E-04	1.83E-10	14.00	1.15E-02	2.94E-11	1,000,000	2.94E-05	5.7E-04			
201	1.4417E-06	7.2501E-07	2.50E-04	1.81E-10	14.00	1.15E-02	2.91E-11	1,000,000	2.91E-05	5.7E-04			
202	1.4417E-06	7.164E-07	2.50E-04	1.79E-10	14.00	1.15E-02	2.88E-11	1,000,000	2.88E-05	5.6E-04			
203	1.4417E-06	7.0696E-07	2.50E-04	1.77E-10	14.00	1.15E-02	2.84E-11	1,000,000	2.84E-05	5.5E-04			
204	1.4417E-06	6.9658E-07	2.50E-04	1.74E-10	14.00	1.15E-02	2.80E-11	1,000,000	2.80E-05	5.4E-04			
205	1.4417E-06	6.8542E-07	2.50E-04	1.72E-10	14.00	1.15E-02	2.75E-11	1,000,000	2.75E-05	5.4E-04			
206	1.4417E-06	6.7436E-07	2.50E-04	1.69E-10	14.00	1.15E-02	2.71E-11	1,000,000	2.71E-05	5.3E-04			
207	1.4417E-06	6.6169E-07	2.50E-04	1.66E-10	14.00	1.15E-02	2.66E-11	1,000,000	2.66E-05	5.2E-04			
208	1.4417E-06	8.2779E-07	2.50E-04	2.07E-10	14.00	1.15E-02	3.33E-11	1,000,000	3.33E-05	6.5E-04			
209	1.4417E-06	8.3107E-07	2.50E-04	2.08E-10	14.00	1.15E-02	3.34E-11	1,000,000	3.34E-05	6.5E-04			
210	1.4417E-06	8.2997E-07	2.50E-04	2.08E-10	14.00	1.15E-02	3.34E-11	1,000,000	3.34E-05	6.5E-04			
211	1.4417E-06	8.2491E-07	2.50E-04	2.06E-10	14.00	1.15E-02	3.32E-11	1,000,000	3.32E-05	6.4E-04			
212	1.4417E-06	8.1782E-07	2.50E-04	2.05E-10	14.00	1.15E-02	3.29E-11	1,000,000	3.29E-05	6.4E-04			
213	1.4417E-06	8.0899E-07	2.50E-04	2.02E-10	14.00	1.15E-02	3.25E-11	1,000,000	3.25E-05	6.3E-04			
214	1.4417E-06	7.9845E-07	2.50E-04	2.00E-10	14.00	1.15E-02	3.21E-11	1,000,000	3.21E-05	6.2E-04			
215	1.4417E-06	7.8582E-07	2.50E-04	1.97E-10	14.00	1.15E-02	3.16E-11	1,000,000	3.16E-05	6.1E-04			
216	1.4417E-06	7.7344E-07	2.50E-04	1.94E-10	14.00	1.15E-02	3.11E-11	1,000,000	3.11E-05	6.0E-04			
217	1.4417E-06	7.6052E-07	2.50E-04	1.90E-10	14.00	1.15E-02	3.06E-11	1,000,000	3.06E-05	5.9E-04			
218	1.4417E-06	7.4716E-07	2.50E-04	1.87E-10	14.00	1.15E-02	3.00E-11	1,000,000	3.00E-05	5.8E-04			
219	1.4417E-06	7.3212E-07	2.50E-04	1.83E-10	14.00	1.15E-02	2.94E-11	1,000,000	2.94E-05	5.7E-04			
220	1.4417E-06	9.2455E-07	2.50E-04	2.31E-10	14.00	1.15E-02	3.72E-11	1,000,000	3.72E-05	7.2E-04			
221	1.4417E-06	9.1385E-07	2.50E-04	2.29E-10	14.00	1.15E-02	3.67E-11	1,000,000	3.67E-05	7.1E-04			
222	1.4417E-06	9.0092E-07	2.50E-04	2.25E-10	14.00	1.15E-02	3.62E-11	1,000,000	3.62E-05	7.0E-04			
223	1.4417E-06	8.8582E-07	2.50E-04	2.22E-10	14.00	1.15E-02	3.56E-11	1,000,000	3.56E-05	6.9E-04			
224	1.4417E-06	8.694E-07	2.50E-04	2.18E-10	14.00	1.15E-02	3.49E-11	1,000,000	3.49E-05	6.8E-04			
225	1.4417E-06	8.5269E-07	2.50E-04	2.13E-10	14.00	1.15E-02	3.43E-11	1,000,000	3.43E-05	6.7E-04			
226	1.4417E-06	8.3453E-07	2.50E-04	2.09E-10	14.00	1.15E-02	3.35E-11	1,000,000	3.35E-05	6.5E-04			
227	1.4417E-06	8.1438E-07	2.50E-04	2.04E-10	14.00	1.15E-02	3.27E-11	1,000,000	3.27E-05	6.4E-04			
228	1.4417E-06	1.0407E-06	2.50E-04	2.60E-10	14.00	1.15E-02	4.18E-11	1,000,000	4.18E-05	8.1E-04			
229	1.4417E-06	1.0241E-06	2.50E-04	2.56E-10	14.00	1.15E-02	4.12E-11	1,000,000	4.12E-05	8.0E-04			
230	1.4417E-06	1.0053E-06	2.50E-04	2.52E-10	14.00	1.15E-02	4.04E-11	1,000,000	4.04E-05	7.9E-04			
231	1.4417E-06	9.8366E-07	2.50E-04	2.46E-10	14.00	1.15E-02	3.95E-11	1,000,000	3.95E-05	7.7E-04			

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 2

	Cancer Risk 14 to 30 years												
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million	Total Risk		Max	Receptor #
232	1.4417E-06	9.6192E-07	2.50E-04	2.41E-10	14.00	1.15E-02	3.87E-11	1,000,000	3.87E-05	7.5E-04			
233	1.4417E-06	9.376E-07	2.50E-04	2.35E-10	14.00	1.15E-02	3.77E-11	1,000,000	3.77E-05	7.3E-04			
234	1.4417E-06	9.1079E-07	2.50E-04	2.28E-10	14.00	1.15E-02	3.66E-11	1,000,000	3.66E-05	7.1E-04			
235	1.4417E-06	8.2481E-07	2.50E-04	2.06E-10	14.00	1.15E-02	3.32E-11	1,000,000	3.32E-05	6.4E-04			
236	1.4417E-06	9.3056E-07	2.50E-04	2.33E-10	14.00	1.15E-02	3.74E-11	1,000,000	3.74E-05	7.3E-04			
237	1.4417E-06	9.3532E-07	2.50E-04	2.34E-10	14.00	1.15E-02	3.76E-11	1,000,000	3.76E-05	7.3E-04			
238	1.4417E-06	9.3411E-07	2.50E-04	2.34E-10	14.00	1.15E-02	3.75E-11	1,000,000	3.75E-05	7.3E-04			
239	1.4417E-06	1.0614E-06	2.50E-04	2.66E-10	14.00	1.15E-02	4.27E-11	1,000,000	4.27E-05	8.3E-04			
240	1.4417E-06	1.0617E-06	2.50E-04	2.66E-10	14.00	1.15E-02	4.27E-11	1,000,000	4.27E-05	8.3E-04			
241	1.4417E-06	1.0582E-06	2.50E-04	2.65E-10	14.00	1.15E-02	4.25E-11	1,000,000	4.25E-05	8.3E-04			
242	1.4417E-06	1.0475E-06	2.50E-04	2.62E-10	14.00	1.15E-02	4.21E-11	1,000,000	4.21E-05	8.2E-04			

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 2

	Cancer Risk 14 to 30 years												
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million	Total Risk		Max	Receptor #
243	1.4417E-06	6.8674E-06	2.50E-04	1.72E-09	14.00	1.15E-02	2.76E-10	1,000,000	2.76E-04	5.4E-03			
244	1.4417E-06	8.0617E-06	2.50E-04	2.02E-09	14.00	1.15E-02	3.24E-10	1,000,000	3.24E-04	6.3E-03			
245	1.4417E-06	9.6162E-06	2.50E-04	2.41E-09	14.00	1.15E-02	3.87E-10	1,000,000	3.87E-04	7.5E-03			
246	1.4417E-06	1.1726E-05	2.50E-04	2.93E-09	14.00	1.15E-02	4.71E-10	1,000,000	4.71E-04	9.2E-03			
247	1.4417E-06	1.4674E-05	2.50E-04	3.67E-09	14.00	1.15E-02	5.90E-10	1,000,000	5.90E-04	1.1E-02			
248	1.4417E-06	1.9078E-05	2.50E-04	4.77E-09	14.00	1.15E-02	7.67E-10	1,000,000	7.67E-04	1.5E-02			
249	1.4417E-06	2.6195E-05	2.50E-04	6.56E-09	14.00	1.15E-02	1.05E-09	1,000,000	1.05E-03	2.0E-02			
250	1.4417E-06	3.9189E-05	2.50E-04	9.81E-09	14.00	1.15E-02	1.58E-09	1,000,000	1.58E-03	3.1E-02			
251	1.4417E-06	3.4578E-05	2.50E-04	8.65E-09	14.00	1.15E-02	1.39E-09	1,000,000	1.39E-03	2.7E-02			
252	1.4417E-06	4.7107E-06	2.50E-04	1.18E-09	14.00	1.15E-02	1.89E-10	1,000,000	1.89E-04	3.7E-03			
253	1.4417E-06	5.3991E-06	2.50E-04	1.35E-09	14.00	1.15E-02	2.17E-10	1,000,000	2.17E-04	4.2E-03			
254	1.4417E-06	6.2239E-06	2.50E-04	1.56E-09	14.00	1.15E-02	2.50E-10	1,000,000	2.50E-04	4.9E-03			
255	1.4417E-06	7.2389E-06	2.50E-04	1.81E-09	14.00	1.15E-02	2.91E-10	1,000,000	2.91E-04	5.7E-03			
256	1.4417E-06	8.5297E-06	2.50E-04	2.13E-09	14.00	1.15E-02	3.43E-10	1,000,000	3.43E-04	6.7E-03			
257	1.4417E-06	1.02E-05	2.50E-04	2.55E-09	14.00	1.15E-02	4.10E-10	1,000,000	4.10E-04	8.0E-03			
258	1.4417E-06	1.2496E-05	2.50E-04	3.13E-09	14.00	1.15E-02	5.02E-10	1,000,000	5.02E-04	9.8E-03			
259	1.4417E-06	1.5757E-05	2.50E-04	3.94E-09	14.00	1.15E-02	6.33E-10	1,000,000	6.33E-04	1.2E-02			
260	1.4417E-06	2.0808E-05	2.50E-04	5.21E-09	14.00	1.15E-02	8.36E-10	1,000,000	8.36E-04	1.6E-02			
261	1.4417E-06	2.9441E-05	2.50E-04	7.37E-09	14.00	1.15E-02	1.18E-09	1,000,000	1.18E-03	2.3E-02			
262	1.4417E-06	4.6156E-05	2.50E-04	1.16E-08	14.00	1.15E-02	1.86E-09	1,000,000	1.86E-03	3.6E-02			
263	1.4417E-06	4.3752E-06	2.50E-04	1.10E-09	14.00	1.15E-02	1.76E-10	1,000,000	1.76E-04	3.4E-03			
264	1.4417E-06	4.9622E-06	2.50E-04	1.24E-09	14.00	1.15E-02	1.99E-10	1,000,000	1.99E-04	3.9E-03			
265	1.4417E-06	5.6696E-06	2.50E-04	1.42E-09	14.00	1.15E-02	2.28E-10	1,000,000	2.28E-04	4.4E-03			
266	1.4417E-06	6.5217E-06	2.50E-04	1.63E-09	14.00	1.15E-02	2.62E-10	1,000,000	2.62E-04	5.1E-03			
267	1.4417E-06	7.5891E-06	2.50E-04	1.90E-09	14.00	1.15E-02	3.05E-10	1,000,000	3.05E-04	5.9E-03			
268	1.4417E-06	8.9409E-06	2.50E-04	2.24E-09	14.00	1.15E-02	3.59E-10	1,000,000	3.59E-04	7.0E-03			
269	1.4417E-06	1.0764E-05	2.50E-04	2.69E-09	14.00	1.15E-02	4.33E-10	1,000,000	4.33E-04	8.4E-03			
270	1.4417E-06	1.3278E-05	2.50E-04	3.32E-09	14.00	1.15E-02	5.34E-10	1,000,000	5.34E-04	1.0E-02			
271	1.4417E-06	1.7037E-05	2.50E-04	4.26E-09	14.00	1.15E-02	6.85E-10	1,000,000	6.85E-04	1.3E-02			
272	1.4417E-06	2.3061E-05	2.50E-04	5.77E-09	14.00	1.15E-02	9.27E-10	1,000,000	9.27E-04	1.8E-02			
273	1.4417E-06	3.3745E-05	2.50E-04	8.45E-09	14.00	1.15E-02	1.36E-09	1,000,000	1.36E-03	2.6E-02			
274	1.4417E-06	5.5486E-05	2.50E-04	1.39E-08	14.00	1.15E-02	2.23E-09	1,000,000	2.23E-03	4.3E-02			
275	1.4417E-06	4.0639E-06	2.50E-04	1.02E-09	14.00	1.15E-02	1.63E-10	1,000,000	1.63E-04	3.2E-03			

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 2

	Cancer Risk 14 to 30 years												
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million	Total Risk		Max	Receptor #
276	1.4417E-06	4.5785E-06	2.50E-04	1.15E-09	14.00	1.15E-02	1.84E-10	1,000,000	1.84E-04	3.6E-03			
277	1.4417E-06	5.1826E-06	2.50E-04	1.30E-09	14.00	1.15E-02	2.08E-10	1,000,000	2.08E-04	4.1E-03			
278	1.4417E-06	5.9053E-06	2.50E-04	1.48E-09	14.00	1.15E-02	2.37E-10	1,000,000	2.37E-04	4.6E-03			
279	1.4417E-06	6.7928E-06	2.50E-04	1.70E-09	14.00	1.15E-02	2.73E-10	1,000,000	2.73E-04	5.3E-03			
280	1.4417E-06	7.9091E-06	2.50E-04	1.98E-09	14.00	1.15E-02	3.18E-10	1,000,000	3.18E-04	6.2E-03			
281	1.4417E-06	9.3521E-06	2.50E-04	2.34E-09	14.00	1.15E-02	3.76E-10	1,000,000	3.76E-04	7.3E-03			
282	1.4417E-06	1.1335E-05	2.50E-04	2.84E-09	14.00	1.15E-02	4.56E-10	1,000,000	4.56E-04	8.9E-03			
283	1.4417E-06	1.418E-05	2.50E-04	3.55E-09	14.00	1.15E-02	5.70E-10	1,000,000	5.70E-04	1.1E-02			
284	1.4417E-06	1.8497E-05	2.50E-04	4.63E-09	14.00	1.15E-02	7.43E-10	1,000,000	7.43E-04	1.4E-02			
285	1.4417E-06	2.5653E-05	2.50E-04	6.42E-09	14.00	1.15E-02	1.03E-09	1,000,000	1.03E-03	2.0E-02			
286	1.4417E-06	3.8978E-05	2.50E-04	9.76E-09	14.00	1.15E-02	1.57E-09	1,000,000	1.57E-03	3.0E-02			
287	1.4417E-06	3.7827E-06	2.50E-04	9.47E-10	14.00	1.15E-02	1.52E-10	1,000,000	1.52E-04	3.0E-03			
288	1.4417E-06	4.2291E-06	2.50E-04	1.06E-09	14.00	1.15E-02	1.70E-10	1,000,000	1.70E-04	3.3E-03			
289	1.4417E-06	4.7456E-06	2.50E-04	1.19E-09	14.00	1.15E-02	1.91E-10	1,000,000	1.91E-04	3.7E-03			
290	1.4417E-06	5.3614E-06	2.50E-04	1.34E-09	14.00	1.15E-02	2.15E-10	1,000,000	2.15E-04	4.2E-03			
291	1.4417E-06	6.1053E-06	2.50E-04	1.53E-09	14.00	1.15E-02	2.45E-10	1,000,000	2.45E-04	4.8E-03			
292	1.4417E-06	7.0392E-06	2.50E-04	1.76E-09	14.00	1.15E-02	2.83E-10	1,000,000	2.83E-04	5.5E-03			
293	1.4417E-06	8.2229E-06	2.50E-04	2.06E-09	14.00	1.15E-02	3.31E-10	1,000,000	3.31E-04	6.4E-03			
294	1.4417E-06	9.809E-06	2.50E-04	2.45E-09	14.00	1.15E-02	3.94E-10	1,000,000	3.94E-04	7.7E-03			
295	1.4417E-06	1.2012E-05	2.50E-04	3.01E-09	14.00	1.15E-02	4.83E-10	1,000,000	4.83E-04	9.4E-03			
296	1.4417E-06	1.5217E-05	2.50E-04	3.81E-09	14.00	1.15E-02	6.12E-10	1,000,000	6.12E-04	1.2E-02			
297	1.4417E-06	2.0202E-05	2.50E-04	5.06E-09	14.00	1.15E-02	8.12E-10	1,000,000	8.12E-04	1.6E-02			
298	1.4417E-06	2.8824E-05	2.50E-04	7.21E-09	14.00	1.15E-02	1.16E-09	1,000,000	1.16E-03	2.3E-02			
299	1.4417E-06	3.5254E-06	2.50E-04	8.82E-10	14.00	1.15E-02	1.42E-10	1,000,000	1.42E-04	2.8E-03			
300	1.4417E-06	3.9162E-06	2.50E-04	9.80E-10	14.00	1.15E-02	1.57E-10	1,000,000	1.57E-04	3.1E-03			
301	1.4417E-06	4.3623E-06	2.50E-04	1.09E-09	14.00	1.15E-02	1.75E-10	1,000,000	1.75E-04	3.4E-03			
302	1.4417E-06	4.888E-06	2.50E-04	1.22E-09	14.00	1.15E-02	1.96E-10	1,000,000	1.96E-04	3.8E-03			
303	1.4417E-06	5.5248E-06	2.50E-04	1.38E-09	14.00	1.15E-02	2.22E-10	1,000,000	2.22E-04	4.3E-03			
304	1.4417E-06	6.2911E-06	2.50E-04	1.57E-09	14.00	1.15E-02	2.53E-10	1,000,000	2.53E-04	4.9E-03			
305	1.4417E-06	7.2749E-06	2.50E-04	1.82E-09	14.00	1.15E-02	2.92E-10	1,000,000	2.92E-04	5.7E-03			
306	1.4417E-06	8.5433E-06	2.50E-04	2.14E-09	14.00	1.15E-02	3.43E-10	1,000,000	3.43E-04	6.7E-03			
307	1.4417E-06	1.0254E-05	2.50E-04	2.57E-09	14.00	1.15E-02	4.12E-10	1,000,000	4.12E-04	8.0E-03			
308	1.4417E-06	1.264E-05	2.50E-04	3.16E-09	14.00	1.15E-02	5.08E-10	1,000,000	5.08E-04	9.9E-03			

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 2

	Cancer Risk 14 to 30 years												
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million	Total Risk		Max	Receptor #
309	1.4417E-06	1.6168E-05	2.50E-04	4.05E-09	14.00	1.15E-02	6.50E-10	1,000,000	6.50E-04	1.3E-02			
310	1.4417E-06	2.1955E-05	2.50E-04	5.49E-09	14.00	1.15E-02	8.82E-10	1,000,000	8.82E-04	1.7E-02			
311	1.4417E-06	3.2918E-06	2.50E-04	8.24E-10	14.00	1.15E-02	1.32E-10	1,000,000	1.32E-04	2.6E-03			
312	1.4417E-06	3.6353E-06	2.50E-04	9.10E-10	14.00	1.15E-02	1.46E-10	1,000,000	1.46E-04	2.8E-03			
313	1.4417E-06	4.0266E-06	2.50E-04	1.01E-09	14.00	1.15E-02	1.62E-10	1,000,000	1.62E-04	3.1E-03			
314	1.4417E-06	4.4798E-06	2.50E-04	1.12E-09	14.00	1.15E-02	1.80E-10	1,000,000	1.80E-04	3.5E-03			
315	1.4417E-06	5.0102E-06	2.50E-04	1.25E-09	14.00	1.15E-02	2.01E-10	1,000,000	2.01E-04	3.9E-03			
316	1.4417E-06	5.6498E-06	2.50E-04	1.41E-09	14.00	1.15E-02	2.27E-10	1,000,000	2.27E-04	4.4E-03			
317	1.4417E-06	6.4556E-06	2.50E-04	1.62E-09	14.00	1.15E-02	2.59E-10	1,000,000	2.59E-04	5.0E-03			
318	1.4417E-06	7.4674E-06	2.50E-04	1.87E-09	14.00	1.15E-02	3.00E-10	1,000,000	3.00E-04	5.8E-03			
319	1.4417E-06	8.8025E-06	2.50E-04	2.20E-09	14.00	1.15E-02	3.54E-10	1,000,000	3.54E-04	6.9E-03			
320	1.4417E-06	1.0588E-05	2.50E-04	2.65E-09	14.00	1.15E-02	4.26E-10	1,000,000	4.26E-04	8.3E-03			
321	1.4417E-06	1.3142E-05	2.50E-04	3.29E-09	14.00	1.15E-02	5.28E-10	1,000,000	5.28E-04	1.0E-02			
322	1.4417E-06	1.7016E-05	2.50E-04	4.26E-09	14.00	1.15E-02	6.84E-10	1,000,000	6.84E-04	1.3E-02			
323	1.4417E-06	3.0765E-06	2.50E-04	7.70E-10	14.00	1.15E-02	1.24E-10	1,000,000	1.24E-04	2.4E-03			
324	1.4417E-06	3.3753E-06	2.50E-04	8.45E-10	14.00	1.15E-02	1.36E-10	1,000,000	1.36E-04	2.6E-03			
325	1.4417E-06	3.7143E-06	2.50E-04	9.30E-10	14.00	1.15E-02	1.49E-10	1,000,000	1.49E-04	2.9E-03			
326	1.4417E-06	4.0928E-06	2.50E-04	1.02E-09	14.00	1.15E-02	1.65E-10	1,000,000	1.65E-04	3.2E-03			
327	1.4417E-06	4.5612E-06	2.50E-04	1.14E-09	14.00	1.15E-02	1.83E-10	1,000,000	1.83E-04	3.6E-03			
328	1.4417E-06	5.103E-06	2.50E-04	1.28E-09	14.00	1.15E-02	2.05E-10	1,000,000	2.05E-04	4.0E-03			
329	1.4417E-06	5.7889E-06	2.50E-04	1.45E-09	14.00	1.15E-02	2.33E-10	1,000,000	2.33E-04	4.5E-03			
330	1.4417E-06	6.5828E-06	2.50E-04	1.65E-09	14.00	1.15E-02	2.65E-10	1,000,000	2.65E-04	5.1E-03			
331	1.4417E-06	7.6116E-06	2.50E-04	1.90E-09	14.00	1.15E-02	3.06E-10	1,000,000	3.06E-04	5.9E-03			
332	1.4417E-06	8.9597E-06	2.50E-04	2.24E-09	14.00	1.15E-02	3.60E-10	1,000,000	3.60E-04	7.0E-03			
333	1.4417E-06	1.0779E-05	2.50E-04	2.70E-09	14.00	1.15E-02	4.33E-10	1,000,000	4.33E-04	8.4E-03			
334	1.4417E-06	1.3297E-05	2.50E-04	3.33E-09	14.00	1.15E-02	5.34E-10	1,000,000	5.34E-04	1.0E-02			
335	1.4417E-06	2.8775E-06	2.50E-04	7.20E-10	14.00	1.15E-02	1.16E-10	1,000,000	1.16E-04	2.2E-03			
336	1.4417E-06	3.1386E-06	2.50E-04	7.86E-10	14.00	1.15E-02	1.26E-10	1,000,000	1.26E-04	2.5E-03			
337	1.4417E-06	3.4325E-06	2.50E-04	8.59E-10	14.00	1.15E-02	1.38E-10	1,000,000	1.38E-04	2.7E-03			
338	1.4417E-06	3.7601E-06	2.50E-04	9.41E-10	14.00	1.15E-02	1.51E-10	1,000,000	1.51E-04	2.9E-03			
339	1.4417E-06	4.158E-06	2.50E-04	1.04E-09	14.00	1.15E-02	1.67E-10	1,000,000	1.67E-04	3.3E-03			
340	1.4417E-06	4.6131E-06	2.50E-04	1.15E-09	14.00	1.15E-02	1.85E-10	1,000,000	1.85E-04	3.6E-03			
341	1.4417E-06	5.1745E-06	2.50E-04	1.30E-09	14.00	1.15E-02	2.08E-10	1,000,000	2.08E-04	4.0E-03			

Sywest Industrial Building - Alternative 3
Unmitigated - Operational - ED Risk - Haul 2

	Chronic Non Cancer Risk				
Receptor #	**REL**	**HI**		**Max**	**Receptor #**
1	5	5.88E-08		1.110E-05	274 Res
2	5	5.11E-08			
3	5	5.19E-08			
4	5	5.34E-08			
5	5	5.49E-08			
6	5	5.59E-08			
7	5	5.77E-08			
8	5	4.80E-08			
9	5	4.76E-08			
10	5	4.72E-08			
11	5	4.68E-08			
12	5	4.64E-08			
13	5	4.60E-08			
14	5	4.55E-08			
15	5	4.51E-08			
16	5	5.04E-08			
17	5	5.00E-08			
18	5	4.96E-08			
19	5	4.92E-08			
20	5	4.87E-08			
21	5	4.83E-08			
22	5	4.78E-08			
23	5	4.73E-08			
24	5	5.22E-08			
25	5	5.17E-08			
26	5	5.12E-08			
27	5	5.07E-08			
28	5	5.03E-08			
29	5	4.97E-08			
30	5	5.50E-08			
31	5	5.45E-08			
32	5	5.40E-08			
33	5	5.35E-08			

Sywest Industrial Building - Alternative 3
Unmitigated - Operational - ED Risk - Haul 2

	Chronic Non Cancer Risk				
Receptor #	**REL**	**HI**		**Max**	**Receptor #**
34	5	5.29E-08			
35	5	5.24E-08			
36	5	5.81E-08			
37	5	5.76E-08			
38	5	5.70E-08			
39	5	5.65E-08			
40	5	5.59E-08			
41	5	5.53E-08			
42	5	6.61E-08			
43	5	6.61E-08			
44	5	6.60E-08			
45	5	6.57E-08			
46	5	6.54E-08			
47	5	6.49E-08			
48	5	6.45E-08			
49	5	6.15E-08			
50	5	6.10E-08			
51	5	6.03E-08			
52	5	5.97E-08			
53	5	5.91E-08			
54	5	5.85E-08			
55	5	6.98E-08			
56	5	6.99E-08			
57	5	7.00E-08			
58	5	6.99E-08			
59	5	6.96E-08			
60	5	6.93E-08			
61	5	6.89E-08			
62	5	6.84E-08			
63	5	6.80E-08			
64	5	6.53E-08			
65	5	6.47E-08			
66	5	6.40E-08			

Sywest Industrial Building - Alternative 3
Unmitigated - Operational - ED Risk - Haul 2

	Chronic Non Cancer Risk				
Receptor #	**REL**	**HI**		**Max**	**Receptor #**
67	5	6.34E-08			
68	5	6.27E-08			
69	5	6.20E-08			
70	5	7.40E-08			
71	5	7.42E-08			
72	5	7.42E-08			
73	5	7.39E-08			
74	5	7.37E-08			
75	5	7.33E-08			
76	5	7.27E-08			
77	5	7.23E-08			
78	5	6.88E-08			
79	5	6.81E-08			
80	5	6.73E-08			
81	5	6.66E-08			
82	5	6.59E-08			
83	5	7.85E-08			
84	5	7.88E-08			
85	5	7.89E-08			
86	5	7.87E-08			
87	5	7.85E-08			
88	5	7.81E-08			
89	5	7.76E-08			
90	5	7.71E-08			
91	5	7.66E-08			
92	5	7.41E-08			
93	5	7.34E-08			
94	5	7.26E-08			
95	5	7.18E-08			
96	5	7.10E-08			
97	5	7.01E-08			
98	5	8.38E-08			
99	5	8.41E-08			

Sywest Industrial Building - Alternative 3
Unmitigated - Operational - ED Risk - Haul 2

	Chronic Non Cancer Risk				
Receptor #	**REL**	**HI**		**Max**	**Receptor #**
100	5	8.41E-08			
101	5	8.38E-08			
102	5	8.35E-08			
103	5	8.30E-08			
104	5	8.25E-08			
105	5	8.20E-08			
106	5	7.93E-08			
107	5	7.85E-08			
108	5	7.76E-08			
109	5	7.67E-08			
110	5	7.58E-08			
111	5	7.49E-08			
112	5	8.98E-08			
113	5	9.00E-08			
114	5	8.98E-08			
115	5	8.95E-08			
116	5	8.91E-08			
117	5	8.86E-08			
118	5	8.80E-08			
119	5	8.75E-08			
120	5	8.52E-08			
121	5	8.43E-08			
122	5	8.33E-08			
123	5	8.23E-08			
124	5	8.13E-08			
125	5	8.02E-08			
126	5	9.62E-08			
127	5	9.65E-08			
128	5	9.66E-08			
129	5	9.62E-08			
130	5	9.60E-08			
131	5	9.55E-08			
132	5	9.48E-08			

Sywest Industrial Building - Alternative 3
Unmitigated - Operational - ED Risk - Haul 2

	Chronic Non Cancer Risk				
Receptor #	**REL**	**HI**		**Max**	**Receptor #**
133	5	9.43E-08			
134	5	9.07E-08			
135	5	8.97E-08			
136	5	8.86E-08			
137	5	8.75E-08			
138	5	8.62E-08			
139	5	1.04E-07			
140	5	1.04E-07			
141	5	1.04E-07			
142	5	1.04E-07			
143	5	1.03E-07			
144	5	1.03E-07			
145	5	1.02E-07			
146	5	1.01E-07			
147	5	9.81E-08			
148	5	9.70E-08			
149	5	9.58E-08			
150	5	9.45E-08			
151	5	9.31E-08			
152	5	1.12E-07			
153	5	1.13E-07			
154	5	1.13E-07			
155	5	1.13E-07			
156	5	1.12E-07			
157	5	1.12E-07			
158	5	1.11E-07			
159	5	1.10E-07			
160	5	1.09E-07			
161	5	1.08E-07			
162	5	1.07E-07			
163	5	1.05E-07			
164	5	1.04E-07			
165	5	1.02E-07			

Sywest Industrial Building - Alternative 3
Unmitigated - Operational - ED Risk - Haul 2

	Chronic Non Cancer Risk				
Receptor #	**REL**	**HI**		**Max**	**Receptor #**
166	5	1.01E-07			
167	5	1.22E-07			
168	5	1.23E-07			
169	5	1.23E-07			
170	5	1.23E-07			
171	5	1.22E-07			
172	5	1.21E-07			
173	5	1.20E-07			
174	5	1.19E-07			
175	5	1.18E-07			
176	5	1.16E-07			
177	5	1.15E-07			
178	5	1.13E-07			
179	5	1.12E-07			
180	5	1.10E-07			
181	5	1.34E-07			
182	5	1.35E-07			
183	5	1.35E-07			
184	5	1.35E-07			
185	5	1.34E-07			
186	5	1.33E-07			
187	5	1.32E-07			
188	5	1.31E-07			
189	5	1.30E-07			
190	5	1.28E-07			
191	5	1.26E-07			
192	5	1.24E-07			
193	5	1.22E-07			
194	5	1.20E-07			
195	5	1.48E-07			
196	5	1.49E-07			
197	5	1.49E-07			
198	5	1.48E-07			

Sywest Industrial Building - Alternative 3
Unmitigated - Operational - ED Risk - Haul 2

	Chronic Non Cancer Risk				
Receptor #	**REL**	**HI**		**Max**	**Receptor #**
199	5	1.48E-07			
200	5	1.46E-07			
201	5	1.45E-07			
202	5	1.43E-07			
203	5	1.41E-07			
204	5	1.39E-07			
205	5	1.37E-07			
206	5	1.35E-07			
207	5	1.32E-07			
208	5	1.66E-07			
209	5	1.66E-07			
210	5	1.66E-07			
211	5	1.65E-07			
212	5	1.64E-07			
213	5	1.62E-07			
214	5	1.60E-07			
215	5	1.57E-07			
216	5	1.55E-07			
217	5	1.52E-07			
218	5	1.49E-07			
219	5	1.46E-07			
220	5	1.85E-07			
221	5	1.83E-07			
222	5	1.80E-07			
223	5	1.77E-07			
224	5	1.74E-07			
225	5	1.71E-07			
226	5	1.67E-07			
227	5	1.63E-07			
228	5	2.08E-07			
229	5	2.05E-07			
230	5	2.01E-07			
231	5	1.97E-07			

Sywest Industrial Building - Alternative 3
Unmitigated - Operational - ED Risk - Haul 2

	Chronic Non Cancer Risk				
Receptor #	**REL**	**HI**		**Max**	**Receptor #**
232	5	1.92E-07			
233	5	1.88E-07			
234	5	1.82E-07			
235	5	1.65E-07			
236	5	1.86E-07			
237	5	1.87E-07			
238	5	1.87E-07			
239	5	2.12E-07			
240	5	2.12E-07			
241	5	2.12E-07			
242	5	2.10E-07			

Sywest Industrial Building - Alternative 3
Unmitigated - Operational - ED Risk - Haul 2

	Chronic Non Cancer Risk				
Receptor #	**REL**	**HI**		**Max**	**Receptor #**
243	5	1.37E-06			
244	5	1.61E-06			
245	5	1.92E-06			
246	5	2.35E-06			
247	5	2.93E-06			
248	5	3.82E-06			
249	5	5.24E-06			
250	5	7.84E-06			
251	5	6.92E-06			
252	5	9.42E-07			
253	5	1.08E-06			
254	5	1.24E-06			
255	5	1.45E-06			
256	5	1.71E-06			
257	5	2.04E-06			
258	5	2.50E-06			
259	5	3.15E-06			
260	5	4.16E-06			
261	5	5.89E-06			
262	5	9.23E-06			
263	5	8.75E-07			
264	5	9.92E-07			
265	5	1.13E-06			
266	5	1.30E-06			
267	5	1.52E-06			
268	5	1.79E-06			
269	5	2.15E-06			
270	5	2.66E-06			
271	5	3.41E-06			
272	5	4.61E-06			
273	5	6.75E-06			
274	5	1.11E-05			
275	5	8.13E-07			

Sywest Industrial Building - Alternative 3
Unmitigated - Operational - ED Risk - Haul 2

	Chronic Non Cancer Risk				
Receptor #	**REL**	**HI**		**Max**	**Receptor #**
276	5	9.16E-07			
277	5	1.04E-06			
278	5	1.18E-06			
279	5	1.36E-06			
280	5	1.58E-06			
281	5	1.87E-06			
282	5	2.27E-06			
283	5	2.84E-06			
284	5	3.70E-06			
285	5	5.13E-06			
286	5	7.80E-06			
287	5	7.57E-07			
288	5	8.46E-07			
289	5	9.49E-07			
290	5	1.07E-06			
291	5	1.22E-06			
292	5	1.41E-06			
293	5	1.64E-06			
294	5	1.96E-06			
295	5	2.40E-06			
296	5	3.04E-06			
297	5	4.04E-06			
298	5	5.76E-06			
299	5	7.05E-07			
300	5	7.83E-07			
301	5	8.72E-07			
302	5	9.78E-07			
303	5	1.10E-06			
304	5	1.26E-06			
305	5	1.45E-06			
306	5	1.71E-06			
307	5	2.05E-06			
308	5	2.53E-06			

Sywest Industrial Building - Alternative 3
Unmitigated - Operational - ED Risk - Haul 2

	Chronic Non Cancer Risk				
Receptor #	**REL**	**HI**		**Max**	**Receptor #**
309	5	3.23E-06			
310	5	4.39E-06			
311	5	6.58E-07			
312	5	7.27E-07			
313	5	8.05E-07			
314	5	8.96E-07			
315	5	1.00E-06			
316	5	1.13E-06			
317	5	1.29E-06			
318	5	1.49E-06			
319	5	1.76E-06			
320	5	2.12E-06			
321	5	2.63E-06			
322	5	3.40E-06			
323	5	6.15E-07			
324	5	6.75E-07			
325	5	7.43E-07			
326	5	8.19E-07			
327	5	9.12E-07			
328	5	1.02E-06			
329	5	1.16E-06			
330	5	1.32E-06			
331	5	1.52E-06			
332	5	1.79E-06			
333	5	2.16E-06			
334	5	2.66E-06			
335	5	5.76E-07			
336	5	6.28E-07			
337	5	6.87E-07			
338	5	7.52E-07			
339	5	8.32E-07			
340	5	9.23E-07			
341	5	1.03E-06			

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 3

		Cancer Risk from 3rd Trimester								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
1	0.11689	**5.5737E-07**	6.5151E-08	3.46E-04	2.26E-11	0.25	1.57E-01	8.86E-13	1,000,000	8.86E-07
2	0.10841	5.5737E-07	6.0424E-08	3.46E-04	2.09E-11	0.25	1.57E-01	8.22E-13	1,000,000	8.22E-07
3	0.10958	5.5737E-07	6.1076E-08	3.46E-04	2.11E-11	0.25	1.57E-01	8.31E-13	1,000,000	8.31E-07
4	0.11171	5.5737E-07	6.2264E-08	3.46E-04	2.16E-11	0.25	1.57E-01	8.47E-13	1,000,000	8.47E-07
5	0.11386	5.5737E-07	6.3462E-08	3.46E-04	2.20E-11	0.25	1.57E-01	8.63E-13	1,000,000	8.63E-07
6	0.11519	5.5737E-07	6.4203E-08	3.46E-04	2.22E-11	0.25	1.57E-01	8.73E-13	1,000,000	8.73E-07
7	0.1176	5.5737E-07	6.5546E-08	3.46E-04	2.27E-11	0.25	1.57E-01	8.91E-13	1,000,000	8.91E-07
8	0.09712	5.5737E-07	5.4132E-08	3.46E-04	1.87E-11	0.25	1.57E-01	7.36E-13	1,000,000	7.36E-07
9	0.09642	5.5737E-07	5.3741E-08	3.46E-04	1.86E-11	0.25	1.57E-01	7.31E-13	1,000,000	7.31E-07
10	0.09564	5.5737E-07	5.3307E-08	3.46E-04	1.85E-11	0.25	1.57E-01	7.25E-13	1,000,000	7.25E-07
11	0.09488	5.5737E-07	5.2883E-08	3.46E-04	1.83E-11	0.25	1.57E-01	7.19E-13	1,000,000	7.19E-07
12	0.09418	5.5737E-07	5.2493E-08	3.46E-04	1.82E-11	0.25	1.57E-01	7.14E-13	1,000,000	7.14E-07
13	0.09351	5.5737E-07	5.2119E-08	3.46E-04	1.80E-11	0.25	1.57E-01	7.09E-13	1,000,000	7.09E-07
14	0.0929	5.5737E-07	5.1779E-08	3.46E-04	1.79E-11	0.25	1.57E-01	7.04E-13	1,000,000	7.04E-07
15	0.09232	5.5737E-07	5.1456E-08	3.46E-04	1.78E-11	0.25	1.57E-01	7.00E-13	1,000,000	7.00E-07
16	0.10038	5.5737E-07	5.5949E-08	3.46E-04	1.94E-11	0.25	1.57E-01	7.61E-13	1,000,000	7.61E-07
17	0.09964	5.5737E-07	5.5536E-08	3.46E-04	1.92E-11	0.25	1.57E-01	7.55E-13	1,000,000	7.55E-07
18	0.09882	5.5737E-07	5.5079E-08	3.46E-04	1.91E-11	0.25	1.57E-01	7.49E-13	1,000,000	7.49E-07
19	0.09803	5.5737E-07	5.4639E-08	3.46E-04	1.89E-11	0.25	1.57E-01	7.43E-13	1,000,000	7.43E-07
20	0.0973	5.5737E-07	5.4232E-08	3.46E-04	1.88E-11	0.25	1.57E-01	7.38E-13	1,000,000	7.38E-07
21	0.09658	5.5737E-07	5.3831E-08	3.46E-04	1.86E-11	0.25	1.57E-01	7.32E-13	1,000,000	7.32E-07
22	0.09592	5.5737E-07	5.3463E-08	3.46E-04	1.85E-11	0.25	1.57E-01	7.27E-13	1,000,000	7.27E-07
23	0.09533	5.5737E-07	5.3134E-08	3.46E-04	1.84E-11	0.25	1.57E-01	7.23E-13	1,000,000	7.23E-07
24	0.10218	5.5737E-07	5.6952E-08	3.46E-04	1.97E-11	0.25	1.57E-01	7.75E-13	1,000,000	7.75E-07
25	0.10136	5.5737E-07	5.6495E-08	3.46E-04	1.96E-11	0.25	1.57E-01	7.68E-13	1,000,000	7.68E-07
26	0.10061	5.5737E-07	5.6077E-08	3.46E-04	1.94E-11	0.25	1.57E-01	7.63E-13	1,000,000	7.63E-07
27	0.09985	5.5737E-07	5.5653E-08	3.46E-04	1.93E-11	0.25	1.57E-01	7.57E-13	1,000,000	7.57E-07
28	0.09914	5.5737E-07	5.5257E-08	3.46E-04	1.91E-11	0.25	1.57E-01	7.51E-13	1,000,000	7.51E-07
29	0.09852	5.5737E-07	5.4912E-08	3.46E-04	1.90E-11	0.25	1.57E-01	7.47E-13	1,000,000	7.47E-07
30	0.10574	5.5737E-07	5.8936E-08	3.46E-04	2.04E-11	0.25	1.57E-01	8.01E-13	1,000,000	8.01E-07
31	0.10487	5.5737E-07	5.8451E-08	3.46E-04	2.02E-11	0.25	1.57E-01	7.95E-13	1,000,000	7.95E-07
32	0.10409	5.5737E-07	5.8016E-08	3.46E-04	2.01E-11	0.25	1.57E-01	7.89E-13	1,000,000	7.89E-07
33	0.10329	5.5737E-07	5.757E-08	3.46E-04	1.99E-11	0.25	1.57E-01	7.83E-13	1,000,000	7.83E-07

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 3

		Cancer Risk from 3rd Trimester								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
34	0.10254	5.5737E-07	5.7152E-08	3.46E-04	1.98E-11	0.25	1.57E-01	7.77E-13	1,000,000	7.77E-07
35	0.10188	5.5737E-07	5.6785E-08	3.46E-04	1.97E-11	0.25	1.57E-01	7.72E-13	1,000,000	7.72E-07
36	0.10948	5.5737E-07	6.1021E-08	3.46E-04	2.11E-11	0.25	1.57E-01	8.30E-13	1,000,000	8.30E-07
37	0.10858	5.5737E-07	6.0519E-08	3.46E-04	2.09E-11	0.25	1.57E-01	8.23E-13	1,000,000	8.23E-07
38	0.10776	5.5737E-07	6.0062E-08	3.46E-04	2.08E-11	0.25	1.57E-01	8.17E-13	1,000,000	8.17E-07
39	0.10692	5.5737E-07	5.9594E-08	3.46E-04	2.06E-11	0.25	1.57E-01	8.10E-13	1,000,000	8.10E-07
40	0.10612	5.5737E-07	5.9148E-08	3.46E-04	2.05E-11	0.25	1.57E-01	8.04E-13	1,000,000	8.04E-07
41	0.10543	5.5737E-07	5.8763E-08	3.46E-04	2.03E-11	0.25	1.57E-01	7.99E-13	1,000,000	7.99E-07
42	0.11937	5.5737E-07	6.6533E-08	3.46E-04	2.30E-11	0.25	1.57E-01	9.05E-13	1,000,000	9.05E-07
43	0.11944	5.5737E-07	6.6572E-08	3.46E-04	2.30E-11	0.25	1.57E-01	9.05E-13	1,000,000	9.05E-07
44	0.11938	5.5737E-07	6.6539E-08	3.46E-04	2.30E-11	0.25	1.57E-01	9.05E-13	1,000,000	9.05E-07
45	0.11921	5.5737E-07	6.6444E-08	3.46E-04	2.30E-11	0.25	1.57E-01	9.04E-13	1,000,000	9.04E-07
46	0.11896	5.5737E-07	6.6304E-08	3.46E-04	2.30E-11	0.25	1.57E-01	9.02E-13	1,000,000	9.02E-07
47	0.11862	5.5737E-07	6.6115E-08	3.46E-04	2.29E-11	0.25	1.57E-01	8.99E-13	1,000,000	8.99E-07
48	0.11812	5.5737E-07	6.5836E-08	3.46E-04	2.28E-11	0.25	1.57E-01	8.95E-13	1,000,000	8.95E-07
49	0.11345	5.5737E-07	6.3233E-08	3.46E-04	2.19E-11	0.25	1.57E-01	8.60E-13	1,000,000	8.60E-07
50	0.11251	5.5737E-07	6.2709E-08	3.46E-04	2.17E-11	0.25	1.57E-01	8.53E-13	1,000,000	8.53E-07
51	0.11164	5.5737E-07	6.2225E-08	3.46E-04	2.15E-11	0.25	1.57E-01	8.46E-13	1,000,000	8.46E-07
52	0.11077	5.5737E-07	6.174E-08	3.46E-04	2.14E-11	0.25	1.57E-01	8.40E-13	1,000,000	8.40E-07
53	0.10993	5.5737E-07	6.1271E-08	3.46E-04	2.12E-11	0.25	1.57E-01	8.33E-13	1,000,000	8.33E-07
54	0.10921	5.5737E-07	6.087E-08	3.46E-04	2.11E-11	0.25	1.57E-01	8.28E-13	1,000,000	8.28E-07
55	0.12277	5.5737E-07	6.8428E-08	3.46E-04	2.37E-11	0.25	1.57E-01	9.31E-13	1,000,000	9.31E-07
56	0.1232	5.5737E-07	6.8668E-08	3.46E-04	2.38E-11	0.25	1.57E-01	9.34E-13	1,000,000	9.34E-07
57	0.12338	5.5737E-07	6.8768E-08	3.46E-04	2.38E-11	0.25	1.57E-01	9.35E-13	1,000,000	9.35E-07
58	0.12346	5.5737E-07	6.8813E-08	3.46E-04	2.38E-11	0.25	1.57E-01	9.36E-13	1,000,000	9.36E-07
59	0.12336	5.5737E-07	6.8757E-08	3.46E-04	2.38E-11	0.25	1.57E-01	9.35E-13	1,000,000	9.35E-07
60	0.12313	5.5737E-07	6.8629E-08	3.46E-04	2.38E-11	0.25	1.57E-01	9.33E-13	1,000,000	9.33E-07
61	0.12284	5.5737E-07	6.8467E-08	3.46E-04	2.37E-11	0.25	1.57E-01	9.31E-13	1,000,000	9.31E-07
62	0.12239	5.5737E-07	6.8216E-08	3.46E-04	2.36E-11	0.25	1.57E-01	9.28E-13	1,000,000	9.28E-07
63	0.12178	5.5737E-07	6.7876E-08	3.46E-04	2.35E-11	0.25	1.57E-01	9.23E-13	1,000,000	9.23E-07
64	0.11767	5.5737E-07	6.5585E-08	3.46E-04	2.27E-11	0.25	1.57E-01	8.92E-13	1,000,000	8.92E-07
65	0.11668	5.5737E-07	6.5034E-08	3.46E-04	2.25E-11	0.25	1.57E-01	8.84E-13	1,000,000	8.84E-07
66	0.11575	5.5737E-07	6.4515E-08	3.46E-04	2.23E-11	0.25	1.57E-01	8.77E-13	1,000,000	8.77E-07

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 3

		Cancer Risk from 3rd Trimester								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
67	0.11485	5.5737E-07	6.4014E-08	3.46E-04	2.22E-11	0.25	1.57E-01	8.71E-13	1,000,000	8.71E-07
68	0.11396	5.5737E-07	6.3518E-08	3.46E-04	2.20E-11	0.25	1.57E-01	8.64E-13	1,000,000	8.64E-07
69	0.11319	5.5737E-07	6.3088E-08	3.46E-04	2.18E-11	0.25	1.57E-01	8.58E-13	1,000,000	8.58E-07
70	0.12723	5.5737E-07	7.0914E-08	3.46E-04	2.45E-11	0.25	1.57E-01	9.64E-13	1,000,000	9.64E-07
71	0.1275	5.5737E-07	7.1064E-08	3.46E-04	2.46E-11	0.25	1.57E-01	9.66E-13	1,000,000	9.66E-07
72	0.12767	5.5737E-07	7.1159E-08	3.46E-04	2.46E-11	0.25	1.57E-01	9.68E-13	1,000,000	9.68E-07
73	0.12771	5.5737E-07	7.1181E-08	3.46E-04	2.46E-11	0.25	1.57E-01	9.68E-13	1,000,000	9.68E-07
74	0.12754	5.5737E-07	7.1087E-08	3.46E-04	2.46E-11	0.25	1.57E-01	9.67E-13	1,000,000	9.67E-07
75	0.12725	5.5737E-07	7.0925E-08	3.46E-04	2.46E-11	0.25	1.57E-01	9.65E-13	1,000,000	9.65E-07
76	0.1269	5.5737E-07	7.073E-08	3.46E-04	2.45E-11	0.25	1.57E-01	9.62E-13	1,000,000	9.62E-07
77	0.12631	5.5737E-07	7.0401E-08	3.46E-04	2.44E-11	0.25	1.57E-01	9.57E-13	1,000,000	9.57E-07
78	0.12113	5.5737E-07	6.7514E-08	3.46E-04	2.34E-11	0.25	1.57E-01	9.18E-13	1,000,000	9.18E-07
79	0.12019	5.5737E-07	6.699E-08	3.46E-04	2.32E-11	0.25	1.57E-01	9.11E-13	1,000,000	9.11E-07
80	0.11923	5.5737E-07	6.6455E-08	3.46E-04	2.30E-11	0.25	1.57E-01	9.04E-13	1,000,000	9.04E-07
81	0.1183	5.5737E-07	6.5937E-08	3.46E-04	2.28E-11	0.25	1.57E-01	8.97E-13	1,000,000	8.97E-07
82	0.11748	5.5737E-07	6.548E-08	3.46E-04	2.27E-11	0.25	1.57E-01	8.90E-13	1,000,000	8.90E-07
83	0.13131	5.5737E-07	7.3188E-08	3.46E-04	2.53E-11	0.25	1.57E-01	9.95E-13	1,000,000	9.95E-07
84	0.13183	5.5737E-07	7.3478E-08	3.46E-04	2.54E-11	0.25	1.57E-01	9.99E-13	1,000,000	9.99E-07
85	0.13208	5.5737E-07	7.3617E-08	3.46E-04	2.55E-11	0.25	1.57E-01	1.00E-12	1,000,000	1.00E-06
86	0.13223	5.5737E-07	7.3701E-08	3.46E-04	2.55E-11	0.25	1.57E-01	1.00E-12	1,000,000	1.00E-06
87	0.13218	5.5737E-07	7.3673E-08	3.46E-04	2.55E-11	0.25	1.57E-01	1.00E-12	1,000,000	1.00E-06
88	0.13195	5.5737E-07	7.3545E-08	3.46E-04	2.55E-11	0.25	1.57E-01	1.00E-12	1,000,000	1.00E-06
89	0.13163	5.5737E-07	7.3366E-08	3.46E-04	2.54E-11	0.25	1.57E-01	9.98E-13	1,000,000	9.98E-07
90	0.13112	5.5737E-07	7.3082E-08	3.46E-04	2.53E-11	0.25	1.57E-01	9.94E-13	1,000,000	9.94E-07
91	0.13043	5.5737E-07	7.2697E-08	3.46E-04	2.52E-11	0.25	1.57E-01	9.89E-13	1,000,000	9.89E-07
92	0.12692	5.5737E-07	7.0741E-08	3.46E-04	2.45E-11	0.25	1.57E-01	9.62E-13	1,000,000	9.62E-07
93	0.12588	5.5737E-07	7.0161E-08	3.46E-04	2.43E-11	0.25	1.57E-01	9.54E-13	1,000,000	9.54E-07
94	0.12489	5.5737E-07	6.961E-08	3.46E-04	2.41E-11	0.25	1.57E-01	9.47E-13	1,000,000	9.47E-07
95	0.12388	5.5737E-07	6.9047E-08	3.46E-04	2.39E-11	0.25	1.57E-01	9.39E-13	1,000,000	9.39E-07
96	0.12291	5.5737E-07	6.8506E-08	3.46E-04	2.37E-11	0.25	1.57E-01	9.32E-13	1,000,000	9.32E-07
97	0.12204	5.5737E-07	6.8021E-08	3.46E-04	2.35E-11	0.25	1.57E-01	9.25E-13	1,000,000	9.25E-07
98	0.13637	5.5737E-07	7.6008E-08	3.46E-04	2.63E-11	0.25	1.57E-01	1.03E-12	1,000,000	1.03E-06
99	0.13671	5.5737E-07	7.6198E-08	3.46E-04	2.64E-11	0.25	1.57E-01	1.04E-12	1,000,000	1.04E-06

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 3

		Cancer Risk from 3rd Trimester								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
100	0.13694	5.5737E-07	7.6326E-08	3.46E-04	2.64E-11	0.25	1.57E-01	1.04E-12	1,000,000	1.04E-06
101	0.13708	5.5737E-07	7.6404E-08	3.46E-04	2.64E-11	0.25	1.57E-01	1.04E-12	1,000,000	1.04E-06
102	0.13691	5.5737E-07	7.6309E-08	3.46E-04	2.64E-11	0.25	1.57E-01	1.04E-12	1,000,000	1.04E-06
103	0.13661	5.5737E-07	7.6142E-08	3.46E-04	2.64E-11	0.25	1.57E-01	1.04E-12	1,000,000	1.04E-06
104	0.13619	5.5737E-07	7.5908E-08	3.46E-04	2.63E-11	0.25	1.57E-01	1.03E-12	1,000,000	1.03E-06
105	0.13551	5.5737E-07	7.5529E-08	3.46E-04	2.61E-11	0.25	1.57E-01	1.03E-12	1,000,000	1.03E-06
106	0.13196	5.5737E-07	7.355E-08	3.46E-04	2.55E-11	0.25	1.57E-01	1.00E-12	1,000,000	1.00E-06
107	0.13091	5.5737E-07	7.2965E-08	3.46E-04	2.53E-11	0.25	1.57E-01	9.92E-13	1,000,000	9.92E-07
108	0.12987	5.5737E-07	7.2385E-08	3.46E-04	2.51E-11	0.25	1.57E-01	9.84E-13	1,000,000	9.84E-07
109	0.12884	5.5737E-07	7.1811E-08	3.46E-04	2.49E-11	0.25	1.57E-01	9.77E-13	1,000,000	9.77E-07
110	0.12783	5.5737E-07	7.1248E-08	3.46E-04	2.47E-11	0.25	1.57E-01	9.69E-13	1,000,000	9.69E-07
111	0.12692	5.5737E-07	7.0741E-08	3.46E-04	2.45E-11	0.25	1.57E-01	9.62E-13	1,000,000	9.62E-07
112	0.14161	5.5737E-07	7.8929E-08	3.46E-04	2.73E-11	0.25	1.57E-01	1.07E-12	1,000,000	1.07E-06
113	0.14194	5.5737E-07	7.9113E-08	3.46E-04	2.74E-11	0.25	1.57E-01	1.08E-12	1,000,000	1.08E-06
114	0.14218	5.5737E-07	7.9247E-08	3.46E-04	2.74E-11	0.25	1.57E-01	1.08E-12	1,000,000	1.08E-06
115	0.14216	5.5737E-07	7.9235E-08	3.46E-04	2.74E-11	0.25	1.57E-01	1.08E-12	1,000,000	1.08E-06
116	0.14189	5.5737E-07	7.9085E-08	3.46E-04	2.74E-11	0.25	1.57E-01	1.08E-12	1,000,000	1.08E-06
117	0.14152	5.5737E-07	7.8879E-08	3.46E-04	2.73E-11	0.25	1.57E-01	1.07E-12	1,000,000	1.07E-06
118	0.14094	5.5737E-07	7.8555E-08	3.46E-04	2.72E-11	0.25	1.57E-01	1.07E-12	1,000,000	1.07E-06
119	0.14016	5.5737E-07	7.8121E-08	3.46E-04	2.70E-11	0.25	1.57E-01	1.06E-12	1,000,000	1.06E-06
120	0.13728	5.5737E-07	7.6515E-08	3.46E-04	2.65E-11	0.25	1.57E-01	1.04E-12	1,000,000	1.04E-06
121	0.13627	5.5737E-07	7.5952E-08	3.46E-04	2.63E-11	0.25	1.57E-01	1.03E-12	1,000,000	1.03E-06
122	0.13517	5.5737E-07	7.5339E-08	3.46E-04	2.61E-11	0.25	1.57E-01	1.02E-12	1,000,000	1.02E-06
123	0.13411	5.5737E-07	7.4749E-08	3.46E-04	2.59E-11	0.25	1.57E-01	1.02E-12	1,000,000	1.02E-06
124	0.13308	5.5737E-07	7.4174E-08	3.46E-04	2.57E-11	0.25	1.57E-01	1.01E-12	1,000,000	1.01E-06
125	0.13212	5.5737E-07	7.3639E-08	3.46E-04	2.55E-11	0.25	1.57E-01	1.00E-12	1,000,000	1.00E-06
126	0.14677	5.5737E-07	8.1805E-08	3.46E-04	2.83E-11	0.25	1.57E-01	1.11E-12	1,000,000	1.11E-06
127	0.14726	5.5737E-07	8.2078E-08	3.46E-04	2.84E-11	0.25	1.57E-01	1.12E-12	1,000,000	1.12E-06
128	0.14753	5.5737E-07	8.2228E-08	3.46E-04	2.85E-11	0.25	1.57E-01	1.12E-12	1,000,000	1.12E-06
129	0.14769	5.5737E-07	8.2318E-08	3.46E-04	2.85E-11	0.25	1.57E-01	1.12E-12	1,000,000	1.12E-06
130	0.14751	5.5737E-07	8.2217E-08	3.46E-04	2.85E-11	0.25	1.57E-01	1.12E-12	1,000,000	1.12E-06
131	0.14716	5.5737E-07	8.2022E-08	3.46E-04	2.84E-11	0.25	1.57E-01	1.12E-12	1,000,000	1.12E-06
132	0.14669	5.5737E-07	8.176E-08	3.46E-04	2.83E-11	0.25	1.57E-01	1.11E-12	1,000,000	1.11E-06

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 3

		Cancer Risk from 3rd Trimester								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
133	0.14593	5.5737E-07	8.1337E-08	3.46E-04	2.82E-11	0.25	1.57E-01	1.11E-12	1,000,000	1.11E-06
134	0.14209	5.5737E-07	7.9196E-08	3.46E-04	2.74E-11	0.25	1.57E-01	1.08E-12	1,000,000	1.08E-06
135	0.1409	5.5737E-07	7.8533E-08	3.46E-04	2.72E-11	0.25	1.57E-01	1.07E-12	1,000,000	1.07E-06
136	0.13975	5.5737E-07	7.7892E-08	3.46E-04	2.70E-11	0.25	1.57E-01	1.06E-12	1,000,000	1.06E-06
137	0.13868	5.5737E-07	7.7296E-08	3.46E-04	2.68E-11	0.25	1.57E-01	1.05E-12	1,000,000	1.05E-06
138	0.13769	5.5737E-07	7.6744E-08	3.46E-04	2.66E-11	0.25	1.57E-01	1.04E-12	1,000,000	1.04E-06
139	0.15284	5.5737E-07	8.5188E-08	3.46E-04	2.95E-11	0.25	1.57E-01	1.16E-12	1,000,000	1.16E-06
140	0.15322	5.5737E-07	8.54E-08	3.46E-04	2.96E-11	0.25	1.57E-01	1.16E-12	1,000,000	1.16E-06
141	0.15347	5.5737E-07	8.5539E-08	3.46E-04	2.96E-11	0.25	1.57E-01	1.16E-12	1,000,000	1.16E-06
142	0.15346	5.5737E-07	8.5534E-08	3.46E-04	2.96E-11	0.25	1.57E-01	1.16E-12	1,000,000	1.16E-06
143	0.15316	5.5737E-07	8.5366E-08	3.46E-04	2.96E-11	0.25	1.57E-01	1.16E-12	1,000,000	1.16E-06
144	0.15274	5.5737E-07	8.5132E-08	3.46E-04	2.95E-11	0.25	1.57E-01	1.16E-12	1,000,000	1.16E-06
145	0.15211	5.5737E-07	8.4781E-08	3.46E-04	2.93E-11	0.25	1.57E-01	1.15E-12	1,000,000	1.15E-06
146	0.15124	5.5737E-07	8.4296E-08	3.46E-04	2.92E-11	0.25	1.57E-01	1.15E-12	1,000,000	1.15E-06
147	0.1482	5.5737E-07	8.2602E-08	3.46E-04	2.86E-11	0.25	1.57E-01	1.12E-12	1,000,000	1.12E-06
148	0.147	5.5737E-07	8.1933E-08	3.46E-04	2.84E-11	0.25	1.57E-01	1.11E-12	1,000,000	1.11E-06
149	0.14582	5.5737E-07	8.1275E-08	3.46E-04	2.81E-11	0.25	1.57E-01	1.11E-12	1,000,000	1.11E-06
150	0.14468	5.5737E-07	8.064E-08	3.46E-04	2.79E-11	0.25	1.57E-01	1.10E-12	1,000,000	1.10E-06
151	0.14363	5.5737E-07	8.0055E-08	3.46E-04	2.77E-11	0.25	1.57E-01	1.09E-12	1,000,000	1.09E-06
152	0.15866	5.5737E-07	8.8432E-08	3.46E-04	3.06E-11	0.25	1.57E-01	1.20E-12	1,000,000	1.20E-06
153	0.15924	5.5737E-07	8.8755E-08	3.46E-04	3.07E-11	0.25	1.57E-01	1.21E-12	1,000,000	1.21E-06
154	0.15959	5.5737E-07	8.895E-08	3.46E-04	3.08E-11	0.25	1.57E-01	1.21E-12	1,000,000	1.21E-06
155	0.15975	5.5737E-07	8.9039E-08	3.46E-04	3.08E-11	0.25	1.57E-01	1.21E-12	1,000,000	1.21E-06
156	0.15958	5.5737E-07	8.8945E-08	3.46E-04	3.08E-11	0.25	1.57E-01	1.21E-12	1,000,000	1.21E-06
157	0.15918	5.5737E-07	8.8722E-08	3.46E-04	3.07E-11	0.25	1.57E-01	1.21E-12	1,000,000	1.21E-06
158	0.15862	5.5737E-07	8.841E-08	3.46E-04	3.06E-11	0.25	1.57E-01	1.20E-12	1,000,000	1.20E-06
159	0.15786	5.5737E-07	8.7986E-08	3.46E-04	3.05E-11	0.25	1.57E-01	1.20E-12	1,000,000	1.20E-06
160	0.15699	5.5737E-07	8.7501E-08	3.46E-04	3.03E-11	0.25	1.57E-01	1.19E-12	1,000,000	1.19E-06
161	0.15593	5.5737E-07	8.691E-08	3.46E-04	3.01E-11	0.25	1.57E-01	1.18E-12	1,000,000	1.18E-06
162	0.15481	5.5737E-07	8.6286E-08	3.46E-04	2.99E-11	0.25	1.57E-01	1.17E-12	1,000,000	1.17E-06
163	0.15361	5.5737E-07	8.5617E-08	3.46E-04	2.96E-11	0.25	1.57E-01	1.16E-12	1,000,000	1.16E-06
164	0.15237	5.5737E-07	8.4926E-08	3.46E-04	2.94E-11	0.25	1.57E-01	1.15E-12	1,000,000	1.15E-06
165	0.15111	5.5737E-07	8.4224E-08	3.46E-04	2.92E-11	0.25	1.57E-01	1.15E-12	1,000,000	1.15E-06

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 3

		Cancer Risk from 3rd Trimester								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
166	0.14996	5.5737E-07	8.3583E-08	3.46E-04	2.89E-11	0.25	1.57E-01	1.14E-12	1,000,000	1.14E-06
167	0.16559	5.5737E-07	9.2294E-08	3.46E-04	3.19E-11	0.25	1.57E-01	1.26E-12	1,000,000	1.26E-06
168	0.16608	5.5737E-07	9.2568E-08	3.46E-04	3.20E-11	0.25	1.57E-01	1.26E-12	1,000,000	1.26E-06
169	0.16637	5.5737E-07	9.2729E-08	3.46E-04	3.21E-11	0.25	1.57E-01	1.26E-12	1,000,000	1.26E-06
170	0.16641	5.5737E-07	9.2752E-08	3.46E-04	3.21E-11	0.25	1.57E-01	1.26E-12	1,000,000	1.26E-06
171	0.16612	5.5737E-07	9.259E-08	3.46E-04	3.21E-11	0.25	1.57E-01	1.26E-12	1,000,000	1.26E-06
172	0.16565	5.5737E-07	9.2328E-08	3.46E-04	3.20E-11	0.25	1.57E-01	1.26E-12	1,000,000	1.26E-06
173	0.165	5.5737E-07	9.1966E-08	3.46E-04	3.18E-11	0.25	1.57E-01	1.25E-12	1,000,000	1.25E-06
174	0.16419	5.5737E-07	9.1514E-08	3.46E-04	3.17E-11	0.25	1.57E-01	1.24E-12	1,000,000	1.24E-06
175	0.16311	5.5737E-07	9.0912E-08	3.46E-04	3.15E-11	0.25	1.57E-01	1.24E-12	1,000,000	1.24E-06
176	0.16195	5.5737E-07	9.0266E-08	3.46E-04	3.12E-11	0.25	1.57E-01	1.23E-12	1,000,000	1.23E-06
177	0.16069	5.5737E-07	8.9563E-08	3.46E-04	3.10E-11	0.25	1.57E-01	1.22E-12	1,000,000	1.22E-06
178	0.15936	5.5737E-07	8.8822E-08	3.46E-04	3.07E-11	0.25	1.57E-01	1.21E-12	1,000,000	1.21E-06
179	0.15801	5.5737E-07	8.807E-08	3.46E-04	3.05E-11	0.25	1.57E-01	1.20E-12	1,000,000	1.20E-06
180	0.1568	5.5737E-07	8.7395E-08	3.46E-04	3.03E-11	0.25	1.57E-01	1.19E-12	1,000,000	1.19E-06
181	0.17212	5.5737E-07	9.5934E-08	3.46E-04	3.32E-11	0.25	1.57E-01	1.30E-12	1,000,000	1.30E-06
182	0.17296	5.5737E-07	9.6402E-08	3.46E-04	3.34E-11	0.25	1.57E-01	1.31E-12	1,000,000	1.31E-06
183	0.17339	5.5737E-07	9.6642E-08	3.46E-04	3.35E-11	0.25	1.57E-01	1.31E-12	1,000,000	1.31E-06
184	0.1736	5.5737E-07	9.6759E-08	3.46E-04	3.35E-11	0.25	1.57E-01	1.32E-12	1,000,000	1.32E-06
185	0.1735	5.5737E-07	9.6703E-08	3.46E-04	3.35E-11	0.25	1.57E-01	1.32E-12	1,000,000	1.32E-06
186	0.17312	5.5737E-07	9.6491E-08	3.46E-04	3.34E-11	0.25	1.57E-01	1.31E-12	1,000,000	1.31E-06
187	0.17254	5.5737E-07	9.6168E-08	3.46E-04	3.33E-11	0.25	1.57E-01	1.31E-12	1,000,000	1.31E-06
188	0.17172	5.5737E-07	9.5711E-08	3.46E-04	3.31E-11	0.25	1.57E-01	1.30E-12	1,000,000	1.30E-06
189	0.17068	5.5737E-07	9.5131E-08	3.46E-04	3.29E-11	0.25	1.57E-01	1.29E-12	1,000,000	1.29E-06
190	0.16949	5.5737E-07	9.4468E-08	3.46E-04	3.27E-11	0.25	1.57E-01	1.28E-12	1,000,000	1.28E-06
191	0.16819	5.5737E-07	9.3744E-08	3.46E-04	3.25E-11	0.25	1.57E-01	1.27E-12	1,000,000	1.27E-06
192	0.16684	5.5737E-07	9.2991E-08	3.46E-04	3.22E-11	0.25	1.57E-01	1.26E-12	1,000,000	1.26E-06
193	0.16545	5.5737E-07	9.2216E-08	3.46E-04	3.19E-11	0.25	1.57E-01	1.25E-12	1,000,000	1.25E-06
194	0.1642	5.5737E-07	9.152E-08	3.46E-04	3.17E-11	0.25	1.57E-01	1.24E-12	1,000,000	1.24E-06
195	0.18026	5.5737E-07	1.0047E-07	3.46E-04	3.48E-11	0.25	1.57E-01	1.37E-12	1,000,000	1.37E-06
196	0.18087	5.5737E-07	1.0081E-07	3.46E-04	3.49E-11	0.25	1.57E-01	1.37E-12	1,000,000	1.37E-06
197	0.18122	5.5737E-07	1.0101E-07	3.46E-04	3.50E-11	0.25	1.57E-01	1.37E-12	1,000,000	1.37E-06
198	0.18138	5.5737E-07	1.011E-07	3.46E-04	3.50E-11	0.25	1.57E-01	1.37E-12	1,000,000	1.37E-06

Sywest Industrial Building - Alternative 3
Unmitigated - Operational - ED Risk - Haul 3

		Cancer Risk from 3rd Trimester								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
199	0.18116	5.5737E-07	1.0097E-07	3.46E-04	3.50E-11	0.25	1.57E-01	1.37E-12	1,000,000	1.37E-06
200	0.18066	5.5737E-07	1.0069E-07	3.46E-04	3.49E-11	0.25	1.57E-01	1.37E-12	1,000,000	1.37E-06
201	0.17989	5.5737E-07	1.0026E-07	3.46E-04	3.47E-11	0.25	1.57E-01	1.36E-12	1,000,000	1.36E-06
202	0.17889	5.5737E-07	9.9707E-08	3.46E-04	3.45E-11	0.25	1.57E-01	1.36E-12	1,000,000	1.36E-06
203	0.1777	5.5737E-07	9.9044E-08	3.46E-04	3.43E-11	0.25	1.57E-01	1.35E-12	1,000,000	1.35E-06
204	0.17639	5.5737E-07	9.8314E-08	3.46E-04	3.40E-11	0.25	1.57E-01	1.34E-12	1,000,000	1.34E-06
205	0.17501	5.5737E-07	9.7545E-08	3.46E-04	3.38E-11	0.25	1.57E-01	1.33E-12	1,000,000	1.33E-06
206	0.17356	5.5737E-07	9.6737E-08	3.46E-04	3.35E-11	0.25	1.57E-01	1.32E-12	1,000,000	1.32E-06
207	0.17221	5.5737E-07	9.5984E-08	3.46E-04	3.32E-11	0.25	1.57E-01	1.31E-12	1,000,000	1.31E-06
208	0.18885	5.5737E-07	1.0526E-07	3.46E-04	3.64E-11	0.25	1.57E-01	1.43E-12	1,000,000	1.43E-06
209	0.1894	5.5737E-07	1.0557E-07	3.46E-04	3.65E-11	0.25	1.57E-01	1.44E-12	1,000,000	1.44E-06
210	0.18968	5.5737E-07	1.0572E-07	3.46E-04	3.66E-11	0.25	1.57E-01	1.44E-12	1,000,000	1.44E-06
211	0.18968	5.5737E-07	1.0572E-07	3.46E-04	3.66E-11	0.25	1.57E-01	1.44E-12	1,000,000	1.44E-06
212	0.18934	5.5737E-07	1.0553E-07	3.46E-04	3.65E-11	0.25	1.57E-01	1.44E-12	1,000,000	1.44E-06
213	0.18867	5.5737E-07	1.0516E-07	3.46E-04	3.64E-11	0.25	1.57E-01	1.43E-12	1,000,000	1.43E-06
214	0.18774	5.5737E-07	1.0464E-07	3.46E-04	3.62E-11	0.25	1.57E-01	1.42E-12	1,000,000	1.42E-06
215	0.18663	5.5737E-07	1.0402E-07	3.46E-04	3.60E-11	0.25	1.57E-01	1.41E-12	1,000,000	1.41E-06
216	0.18531	5.5737E-07	1.0329E-07	3.46E-04	3.58E-11	0.25	1.57E-01	1.40E-12	1,000,000	1.40E-06
217	0.18386	5.5737E-07	1.0248E-07	3.46E-04	3.55E-11	0.25	1.57E-01	1.39E-12	1,000,000	1.39E-06
218	0.18234	5.5737E-07	1.0163E-07	3.46E-04	3.52E-11	0.25	1.57E-01	1.38E-12	1,000,000	1.38E-06
219	0.18086	5.5737E-07	1.0081E-07	3.46E-04	3.49E-11	0.25	1.57E-01	1.37E-12	1,000,000	1.37E-06
220	0.19855	5.5737E-07	1.1067E-07	3.46E-04	3.83E-11	0.25	1.57E-01	1.50E-12	1,000,000	1.50E-06
221	0.19802	5.5737E-07	1.1037E-07	3.46E-04	3.82E-11	0.25	1.57E-01	1.50E-12	1,000,000	1.50E-06
222	0.19718	5.5737E-07	1.099E-07	3.46E-04	3.80E-11	0.25	1.57E-01	1.49E-12	1,000,000	1.49E-06
223	0.19609	5.5737E-07	1.0929E-07	3.46E-04	3.78E-11	0.25	1.57E-01	1.49E-12	1,000,000	1.49E-06
224	0.1948	5.5737E-07	1.0858E-07	3.46E-04	3.76E-11	0.25	1.57E-01	1.48E-12	1,000,000	1.48E-06
225	0.19333	5.5737E-07	1.0776E-07	3.46E-04	3.73E-11	0.25	1.57E-01	1.47E-12	1,000,000	1.47E-06
226	0.1918	5.5737E-07	1.069E-07	3.46E-04	3.70E-11	0.25	1.57E-01	1.45E-12	1,000,000	1.45E-06
227	0.1903	5.5737E-07	1.0607E-07	3.46E-04	3.67E-11	0.25	1.57E-01	1.44E-12	1,000,000	1.44E-06
228	0.20823	5.5737E-07	1.1606E-07	3.46E-04	4.02E-11	0.25	1.57E-01	1.58E-12	1,000,000	1.58E-06
229	0.20751	5.5737E-07	1.1566E-07	3.46E-04	4.00E-11	0.25	1.57E-01	1.57E-12	1,000,000	1.57E-06
230	0.20647	5.5737E-07	1.1508E-07	3.46E-04	3.98E-11	0.25	1.57E-01	1.57E-12	1,000,000	1.57E-06
231	0.20522	5.5737E-07	1.1438E-07	3.46E-04	3.96E-11	0.25	1.57E-01	1.56E-12	1,000,000	1.56E-06

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 3

		Cancer Risk from 3rd Trimester								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
232	0.20373	5.5737E-07	1.1355E-07	3.46E-04	3.93E-11	0.25	1.57E-01	1.54E-12	1,000,000	1.54E-06
233	0.20217	5.5737E-07	1.1268E-07	3.46E-04	3.90E-11	0.25	1.57E-01	1.53E-12	1,000,000	1.53E-06
234	0.2006	5.5737E-07	1.1181E-07	3.46E-04	3.87E-11	0.25	1.57E-01	1.52E-12	1,000,000	1.52E-06
235	0.18845	5.5737E-07	1.0504E-07	3.46E-04	3.64E-11	0.25	1.57E-01	1.43E-12	1,000,000	1.43E-06
236	0.19781	5.5737E-07	1.1025E-07	3.46E-04	3.82E-11	0.25	1.57E-01	1.50E-12	1,000,000	1.50E-06
237	0.19841	5.5737E-07	1.1059E-07	3.46E-04	3.83E-11	0.25	1.57E-01	1.50E-12	1,000,000	1.50E-06
238	0.19873	5.5737E-07	1.1077E-07	3.46E-04	3.83E-11	0.25	1.57E-01	1.51E-12	1,000,000	1.51E-06
239	0.20796	5.5737E-07	1.1591E-07	3.46E-04	4.01E-11	0.25	1.57E-01	1.58E-12	1,000,000	1.58E-06
240	0.20855	5.5737E-07	1.1624E-07	3.46E-04	4.02E-11	0.25	1.57E-01	1.58E-12	1,000,000	1.58E-06
241	0.20867	5.5737E-07	1.1631E-07	3.46E-04	4.03E-11	0.25	1.57E-01	1.58E-12	1,000,000	1.58E-06
242	0.20847	5.5737E-07	1.1619E-07	3.46E-04	4.02E-11	0.25	1.57E-01	1.58E-12	1,000,000	1.58E-06

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 3

		Cancer Risk from 3rd Trimester								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
243	0.71121	5.5737E-07	3.9641E-07	3.46E-04	1.37E-10	0.25	1.57E-01	5.39E-12	1,000,000	5.39E-06
244	0.78317	5.5737E-07	4.3651E-07	3.46E-04	1.51E-10	0.25	1.57E-01	5.94E-12	1,000,000	5.94E-06
245	0.86538	5.5737E-07	4.8233E-07	3.46E-04	1.67E-10	0.25	1.57E-01	6.56E-12	1,000,000	6.56E-06
246	0.9587	5.5737E-07	5.3435E-07	3.46E-04	1.85E-10	0.25	1.57E-01	7.27E-12	1,000,000	7.27E-06
247	1.06433	5.5737E-07	5.9322E-07	3.46E-04	2.05E-10	0.25	1.57E-01	8.07E-12	1,000,000	8.07E-06
248	1.18153	5.5737E-07	6.5855E-07	3.46E-04	2.28E-10	0.25	1.57E-01	8.96E-12	1,000,000	8.96E-06
249	1.30843	5.5737E-07	7.2928E-07	3.46E-04	2.52E-10	0.25	1.57E-01	9.92E-12	1,000,000	9.92E-06
250	1.43952	5.5737E-07	8.0234E-07	3.46E-04	2.78E-10	0.25	1.57E-01	1.09E-11	1,000,000	1.09E-05
251	1.56586	5.5737E-07	8.7276E-07	3.46E-04	3.02E-10	0.25	1.57E-01	1.19E-11	1,000,000	1.19E-05
252	0.61709	5.5737E-07	3.4395E-07	3.46E-04	1.19E-10	0.25	1.57E-01	4.68E-12	1,000,000	4.68E-06
253	0.6756	5.5737E-07	3.7656E-07	3.46E-04	1.30E-10	0.25	1.57E-01	5.12E-12	1,000,000	5.12E-06
254	0.74339	5.5737E-07	4.1434E-07	3.46E-04	1.43E-10	0.25	1.57E-01	5.63E-12	1,000,000	5.63E-06
255	0.82221	5.5737E-07	4.5827E-07	3.46E-04	1.59E-10	0.25	1.57E-01	6.23E-12	1,000,000	6.23E-06
256	0.91395	5.5737E-07	5.0941E-07	3.46E-04	1.76E-10	0.25	1.57E-01	6.93E-12	1,000,000	6.93E-06
257	1.02144	5.5737E-07	5.6932E-07	3.46E-04	1.97E-10	0.25	1.57E-01	7.74E-12	1,000,000	7.74E-06
258	1.14607	5.5737E-07	6.3878E-07	3.46E-04	2.21E-10	0.25	1.57E-01	8.69E-12	1,000,000	8.69E-06
259	1.29072	5.5737E-07	7.1941E-07	3.46E-04	2.49E-10	0.25	1.57E-01	9.78E-12	1,000,000	9.78E-06
260	1.45491	5.5737E-07	8.1092E-07	3.46E-04	2.81E-10	0.25	1.57E-01	1.10E-11	1,000,000	1.10E-05
261	1.63572	5.5737E-07	9.117E-07	3.46E-04	3.16E-10	0.25	1.57E-01	1.24E-11	1,000,000	1.24E-05
262	1.82336	5.5737E-07	1.0163E-06	3.46E-04	3.52E-10	0.25	1.57E-01	1.38E-11	1,000,000	1.38E-05
263	0.63994	5.5737E-07	3.5668E-07	3.46E-04	1.23E-10	0.25	1.57E-01	4.85E-12	1,000,000	4.85E-06
264	0.70333	5.5737E-07	3.9201E-07	3.46E-04	1.36E-10	0.25	1.57E-01	5.33E-12	1,000,000	5.33E-06
265	0.7769	5.5737E-07	4.3302E-07	3.46E-04	1.50E-10	0.25	1.57E-01	5.89E-12	1,000,000	5.89E-06
266	0.86351	5.5737E-07	4.8129E-07	3.46E-04	1.67E-10	0.25	1.57E-01	6.55E-12	1,000,000	6.55E-06
267	0.96561	5.5737E-07	5.382E-07	3.46E-04	1.86E-10	0.25	1.57E-01	7.32E-12	1,000,000	7.32E-06
268	1.0873	5.5737E-07	6.0603E-07	3.46E-04	2.10E-10	0.25	1.57E-01	8.24E-12	1,000,000	8.24E-06
269	1.23173	5.5737E-07	6.8653E-07	3.46E-04	2.38E-10	0.25	1.57E-01	9.34E-12	1,000,000	9.34E-06
270	1.40469	5.5737E-07	7.8293E-07	3.46E-04	2.71E-10	0.25	1.57E-01	1.06E-11	1,000,000	1.06E-05
271	1.60963	5.5737E-07	8.9716E-07	3.46E-04	3.11E-10	0.25	1.57E-01	1.22E-11	1,000,000	1.22E-05
272	1.84987	5.5737E-07	1.0311E-06	3.46E-04	3.57E-10	0.25	1.57E-01	1.40E-11	1,000,000	1.40E-05
273	2.12171	5.5737E-07	1.1826E-06	3.46E-04	4.09E-10	0.25	1.57E-01	1.61E-11	1,000,000	1.61E-05
274	2.41702	5.5737E-07	1.3472E-06	3.46E-04	4.66E-10	0.25	1.57E-01	1.83E-11	1,000,000	1.83E-05
275	0.66369	5.5737E-07	3.6992E-07	3.46E-04	1.28E-10	0.25	1.57E-01	5.03E-12	1,000,000	5.03E-06

Sywest Industrial Building - Alternative 3
Unmitigated - Operational - ED Risk - Haul 3

		Cancer Risk from 3rd Trimester								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
276	0.73176	5.5737E-07	4.0786E-07	3.46E-04	1.41E-10	0.25	1.57E-01	5.55E-12	1,000,000	5.55E-06
277	0.81173	5.5737E-07	4.5243E-07	3.46E-04	1.57E-10	0.25	1.57E-01	6.15E-12	1,000,000	6.15E-06
278	0.9065	5.5737E-07	5.0525E-07	3.46E-04	1.75E-10	0.25	1.57E-01	6.87E-12	1,000,000	6.87E-06
279	1.01966	5.5737E-07	5.6833E-07	3.46E-04	1.97E-10	0.25	1.57E-01	7.73E-12	1,000,000	7.73E-06
280	1.15604	5.5737E-07	6.4434E-07	3.46E-04	2.23E-10	0.25	1.57E-01	8.76E-12	1,000,000	8.76E-06
281	1.322	5.5737E-07	7.3684E-07	3.46E-04	2.55E-10	0.25	1.57E-01	1.00E-11	1,000,000	1.00E-05
282	1.52477	5.5737E-07	8.4986E-07	3.46E-04	2.94E-10	0.25	1.57E-01	1.16E-11	1,000,000	1.16E-05
283	1.77452	5.5737E-07	9.8906E-07	3.46E-04	3.42E-10	0.25	1.57E-01	1.35E-11	1,000,000	1.35E-05
284	2.08331	5.5737E-07	1.1612E-06	3.46E-04	4.02E-10	0.25	1.57E-01	1.58E-11	1,000,000	1.58E-05
285	2.46207	5.5737E-07	1.3723E-06	3.46E-04	4.75E-10	0.25	1.57E-01	1.87E-11	1,000,000	1.87E-05
286	2.91253	5.5737E-07	1.6233E-06	3.46E-04	5.62E-10	0.25	1.57E-01	2.21E-11	1,000,000	2.21E-05
287	0.68732	5.5737E-07	3.8309E-07	3.46E-04	1.33E-10	0.25	1.57E-01	5.21E-12	1,000,000	5.21E-06
288	0.76057	5.5737E-07	4.2392E-07	3.46E-04	1.47E-10	0.25	1.57E-01	5.76E-12	1,000,000	5.76E-06
289	0.84728	5.5737E-07	4.7225E-07	3.46E-04	1.63E-10	0.25	1.57E-01	6.42E-12	1,000,000	6.42E-06
290	0.95065	5.5737E-07	5.2986E-07	3.46E-04	1.83E-10	0.25	1.57E-01	7.21E-12	1,000,000	7.21E-06
291	1.07542	5.5737E-07	5.994E-07	3.46E-04	2.07E-10	0.25	1.57E-01	8.15E-12	1,000,000	8.15E-06
292	1.22736	5.5737E-07	6.8409E-07	3.46E-04	2.37E-10	0.25	1.57E-01	9.30E-12	1,000,000	9.30E-06
293	1.4153	5.5737E-07	7.8884E-07	3.46E-04	2.73E-10	0.25	1.57E-01	1.07E-11	1,000,000	1.07E-05
294	1.65013	5.5737E-07	9.1973E-07	3.46E-04	3.18E-10	0.25	1.57E-01	1.25E-11	1,000,000	1.25E-05
295	1.94805	5.5737E-07	1.0858E-06	3.46E-04	3.76E-10	0.25	1.57E-01	1.48E-11	1,000,000	1.48E-05
296	2.33224	5.5737E-07	1.2999E-06	3.46E-04	4.50E-10	0.25	1.57E-01	1.77E-11	1,000,000	1.77E-05
297	2.83542	5.5737E-07	1.5804E-06	3.46E-04	5.47E-10	0.25	1.57E-01	2.15E-11	1,000,000	2.15E-05
298	3.49511	5.5737E-07	1.9481E-06	3.46E-04	6.74E-10	0.25	1.57E-01	2.65E-11	1,000,000	2.65E-05
299	0.71011	5.5737E-07	3.9579E-07	3.46E-04	1.37E-10	0.25	1.57E-01	5.38E-12	1,000,000	5.38E-06
300	0.78844	5.5737E-07	4.3945E-07	3.46E-04	1.52E-10	0.25	1.57E-01	5.98E-12	1,000,000	5.98E-06
301	0.8818	5.5737E-07	4.9149E-07	3.46E-04	1.70E-10	0.25	1.57E-01	6.68E-12	1,000,000	6.68E-06
302	0.99397	5.5737E-07	5.5401E-07	3.46E-04	1.92E-10	0.25	1.57E-01	7.53E-12	1,000,000	7.53E-06
303	1.13031	5.5737E-07	6.3E-07	3.46E-04	2.18E-10	0.25	1.57E-01	8.57E-12	1,000,000	8.57E-06
304	1.29873	5.5737E-07	7.2387E-07	3.46E-04	2.51E-10	0.25	1.57E-01	9.84E-12	1,000,000	9.84E-06
305	1.50983	5.5737E-07	8.4153E-07	3.46E-04	2.91E-10	0.25	1.57E-01	1.14E-11	1,000,000	1.14E-05
306	1.77891	5.5737E-07	9.9151E-07	3.46E-04	3.43E-10	0.25	1.57E-01	1.35E-11	1,000,000	1.35E-05
307	2.1291	5.5737E-07	1.1867E-06	3.46E-04	4.11E-10	0.25	1.57E-01	1.61E-11	1,000,000	1.61E-05
308	2.59712	5.5737E-07	1.4476E-06	3.46E-04	5.01E-10	0.25	1.57E-01	1.97E-11	1,000,000	1.97E-05

Sywest Industrial Building - Alternative 3
Unmitigated - Operational - ED Risk - Haul 3

		Cancer Risk from 3rd Trimester								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
309	3.24249	5.5737E-07	1.8073E-06	3.46E-04	6.26E-10	0.25	1.57E-01	2.46E-11	1,000,000	2.46E-05
310	4.15796	5.5737E-07	2.3175E-06	3.46E-04	8.02E-10	0.25	1.57E-01	3.15E-11	1,000,000	3.15E-05
311	0.73111	5.5737E-07	4.075E-07	3.46E-04	1.41E-10	0.25	1.57E-01	5.54E-12	1,000,000	5.54E-06
312	0.81426	5.5737E-07	4.5384E-07	3.46E-04	1.57E-10	0.25	1.57E-01	6.17E-12	1,000,000	6.17E-06
313	0.91379	5.5737E-07	5.0932E-07	3.46E-04	1.76E-10	0.25	1.57E-01	6.93E-12	1,000,000	6.93E-06
314	1.03433	5.5737E-07	5.765E-07	3.46E-04	2.00E-10	0.25	1.57E-01	7.84E-12	1,000,000	7.84E-06
315	1.18226	5.5737E-07	6.5895E-07	3.46E-04	2.28E-10	0.25	1.57E-01	8.96E-12	1,000,000	8.96E-06
316	1.36544	5.5737E-07	7.6105E-07	3.46E-04	2.63E-10	0.25	1.57E-01	1.03E-11	1,000,000	1.03E-05
317	1.5993	5.5737E-07	8.914E-07	3.46E-04	3.09E-10	0.25	1.57E-01	1.21E-11	1,000,000	1.21E-05
318	1.9018	5.5737E-07	1.06E-06	3.46E-04	3.67E-10	0.25	1.57E-01	1.44E-11	1,000,000	1.44E-05
319	2.30626	5.5737E-07	1.2854E-06	3.46E-04	4.45E-10	0.25	1.57E-01	1.75E-11	1,000,000	1.75E-05
320	2.86104	5.5737E-07	1.5947E-06	3.46E-04	5.52E-10	0.25	1.57E-01	2.17E-11	1,000,000	2.17E-05
321	3.65529	5.5737E-07	2.0373E-06	3.46E-04	7.05E-10	0.25	1.57E-01	2.77E-11	1,000,000	2.77E-05
322	4.85998	5.5737E-07	2.7088E-06	3.46E-04	9.38E-10	0.25	1.57E-01	3.68E-11	1,000,000	3.68E-05
323	0.74981	5.5737E-07	4.1792E-07	3.46E-04	1.45E-10	0.25	1.57E-01	5.68E-12	1,000,000	5.68E-06
324	0.83754	5.5737E-07	4.6682E-07	3.46E-04	1.62E-10	0.25	1.57E-01	6.35E-12	1,000,000	6.35E-06
325	0.94288	5.5737E-07	5.2553E-07	3.46E-04	1.82E-10	0.25	1.57E-01	7.15E-12	1,000,000	7.15E-06
326	1.07001	5.5737E-07	5.9639E-07	3.46E-04	2.06E-10	0.25	1.57E-01	8.11E-12	1,000,000	8.11E-06
327	1.22882	5.5737E-07	6.849E-07	3.46E-04	2.37E-10	0.25	1.57E-01	9.31E-12	1,000,000	9.31E-06
328	1.42662	5.5737E-07	7.9515E-07	3.46E-04	2.75E-10	0.25	1.57E-01	1.08E-11	1,000,000	1.08E-05
329	1.68137	5.5737E-07	9.3714E-07	3.46E-04	3.24E-10	0.25	1.57E-01	1.27E-11	1,000,000	1.27E-05
330	2.01386	5.5737E-07	1.1225E-06	3.46E-04	3.89E-10	0.25	1.57E-01	1.53E-11	1,000,000	1.53E-05
331	2.46325	5.5737E-07	1.3729E-06	3.46E-04	4.75E-10	0.25	1.57E-01	1.87E-11	1,000,000	1.87E-05
332	3.09663	5.5737E-07	1.726E-06	3.46E-04	5.97E-10	0.25	1.57E-01	2.35E-11	1,000,000	2.35E-05
333	4.03259	5.5737E-07	2.2476E-06	3.46E-04	7.78E-10	0.25	1.57E-01	3.06E-11	1,000,000	3.06E-05
334	5.51339	5.5737E-07	3.073E-06	3.46E-04	1.06E-09	0.25	1.57E-01	4.18E-11	1,000,000	4.18E-05
335	0.76587	5.5737E-07	4.2687E-07	3.46E-04	1.48E-10	0.25	1.57E-01	5.81E-12	1,000,000	5.81E-06
336	0.85754	5.5737E-07	4.7796E-07	3.46E-04	1.65E-10	0.25	1.57E-01	6.50E-12	1,000,000	6.50E-06
337	0.96777	5.5737E-07	5.394E-07	3.46E-04	1.87E-10	0.25	1.57E-01	7.34E-12	1,000,000	7.34E-06
338	1.10063	5.5737E-07	6.1346E-07	3.46E-04	2.12E-10	0.25	1.57E-01	8.34E-12	1,000,000	8.34E-06
339	1.26839	5.5737E-07	7.0696E-07	3.46E-04	2.45E-10	0.25	1.57E-01	9.61E-12	1,000,000	9.61E-06
340	1.47814	5.5737E-07	8.2387E-07	3.46E-04	2.85E-10	0.25	1.57E-01	1.12E-11	1,000,000	1.12E-05
341	1.75234	5.5737E-07	9.767E-07	3.46E-04	3.38E-10	0.25	1.57E-01	1.33E-11	1,000,000	1.33E-05

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 3

	Cancer Risk from Birth to 2 years								
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
1	5.5737E-07	6.5151E-08	1.05E-03	6.81E-11	2.00	1.57E-01	2.14E-11	1,000,000	2.1E-05
2	5.5737E-07	6.0424E-08	1.05E-03	6.32E-11	2.00	1.57E-01	1.98E-11	1,000,000	1.98E-05
3	5.5737E-07	6.1076E-08	1.05E-03	6.38E-11	2.00	1.57E-01	2.01E-11	1,000,000	2.01E-05
4	5.5737E-07	6.2264E-08	1.05E-03	6.51E-11	2.00	1.57E-01	2.05E-11	1,000,000	2.05E-05
5	5.5737E-07	6.3462E-08	1.05E-03	6.63E-11	2.00	1.57E-01	2.08E-11	1,000,000	2.08E-05
6	5.5737E-07	6.4203E-08	1.05E-03	6.71E-11	2.00	1.57E-01	2.11E-11	1,000,000	2.11E-05
7	5.5737E-07	6.5546E-08	1.05E-03	6.85E-11	2.00	1.57E-01	2.15E-11	1,000,000	2.15E-05
8	5.5737E-07	5.4132E-08	1.05E-03	5.66E-11	2.00	1.57E-01	1.78E-11	1,000,000	1.78E-05
9	5.5737E-07	5.3741E-08	1.05E-03	5.62E-11	2.00	1.57E-01	1.77E-11	1,000,000	1.77E-05
10	5.5737E-07	5.3307E-08	1.05E-03	5.57E-11	2.00	1.57E-01	1.75E-11	1,000,000	1.75E-05
11	5.5737E-07	5.2883E-08	1.05E-03	5.53E-11	2.00	1.57E-01	1.74E-11	1,000,000	1.74E-05
12	5.5737E-07	5.2493E-08	1.05E-03	5.49E-11	2.00	1.57E-01	1.72E-11	1,000,000	1.72E-05
13	5.5737E-07	5.2119E-08	1.05E-03	5.45E-11	2.00	1.57E-01	1.71E-11	1,000,000	1.71E-05
14	5.5737E-07	5.1779E-08	1.05E-03	5.41E-11	2.00	1.57E-01	1.70E-11	1,000,000	1.70E-05
15	5.5737E-07	5.1456E-08	1.05E-03	5.38E-11	2.00	1.57E-01	1.69E-11	1,000,000	1.69E-05
16	5.5737E-07	5.5949E-08	1.05E-03	5.85E-11	2.00	1.57E-01	1.84E-11	1,000,000	1.84E-05
17	5.5737E-07	5.5536E-08	1.05E-03	5.80E-11	2.00	1.57E-01	1.82E-11	1,000,000	1.82E-05
18	5.5737E-07	5.5079E-08	1.05E-03	5.76E-11	2.00	1.57E-01	1.81E-11	1,000,000	1.81E-05
19	5.5737E-07	5.4639E-08	1.05E-03	5.71E-11	2.00	1.57E-01	1.79E-11	1,000,000	1.79E-05
20	5.5737E-07	5.4232E-08	1.05E-03	5.67E-11	2.00	1.57E-01	1.78E-11	1,000,000	1.78E-05
21	5.5737E-07	5.3831E-08	1.05E-03	5.63E-11	2.00	1.57E-01	1.77E-11	1,000,000	1.77E-05
22	5.5737E-07	5.3463E-08	1.05E-03	5.59E-11	2.00	1.57E-01	1.76E-11	1,000,000	1.76E-05
23	5.5737E-07	5.3134E-08	1.05E-03	5.55E-11	2.00	1.57E-01	1.75E-11	1,000,000	1.75E-05
24	5.5737E-07	5.6952E-08	1.05E-03	5.95E-11	2.00	1.57E-01	1.87E-11	1,000,000	1.87E-05
25	5.5737E-07	5.6495E-08	1.05E-03	5.90E-11	2.00	1.57E-01	1.86E-11	1,000,000	1.86E-05
26	5.5737E-07	5.6077E-08	1.05E-03	5.86E-11	2.00	1.57E-01	1.84E-11	1,000,000	1.84E-05
27	5.5737E-07	5.5653E-08	1.05E-03	5.82E-11	2.00	1.57E-01	1.83E-11	1,000,000	1.83E-05
28	5.5737E-07	5.5257E-08	1.05E-03	5.78E-11	2.00	1.57E-01	1.82E-11	1,000,000	1.82E-05
29	5.5737E-07	5.4912E-08	1.05E-03	5.74E-11	2.00	1.57E-01	1.80E-11	1,000,000	1.80E-05
30	5.5737E-07	5.8936E-08	1.05E-03	6.16E-11	2.00	1.57E-01	1.94E-11	1,000,000	1.94E-05
31	5.5737E-07	5.8451E-08	1.05E-03	6.11E-11	2.00	1.57E-01	1.92E-11	1,000,000	1.92E-05
32	5.5737E-07	5.8016E-08	1.05E-03	6.06E-11	2.00	1.57E-01	1.91E-11	1,000,000	1.91E-05
33	5.5737E-07	5.757E-08	1.05E-03	6.02E-11	2.00	1.57E-01	1.89E-11	1,000,000	1.89E-05

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 3

	Cancer Risk from Birth to 2 years								
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
34	5.5737E-07	5.7152E-08	1.05E-03	5.97E-11	2.00	1.57E-01	1.88E-11	1,000,000	1.88E-05
35	5.5737E-07	5.6785E-08	1.05E-03	5.94E-11	2.00	1.57E-01	1.87E-11	1,000,000	1.87E-05
36	5.5737E-07	6.1021E-08	1.05E-03	6.38E-11	2.00	1.57E-01	2.00E-11	1,000,000	2.00E-05
37	5.5737E-07	6.0519E-08	1.05E-03	6.33E-11	2.00	1.57E-01	1.99E-11	1,000,000	1.99E-05
38	5.5737E-07	6.0062E-08	1.05E-03	6.28E-11	2.00	1.57E-01	1.97E-11	1,000,000	1.97E-05
39	5.5737E-07	5.9594E-08	1.05E-03	6.23E-11	2.00	1.57E-01	1.96E-11	1,000,000	1.96E-05
40	5.5737E-07	5.9148E-08	1.05E-03	6.18E-11	2.00	1.57E-01	1.94E-11	1,000,000	1.94E-05
41	5.5737E-07	5.8763E-08	1.05E-03	6.14E-11	2.00	1.57E-01	1.93E-11	1,000,000	1.93E-05
42	5.5737E-07	6.6533E-08	1.05E-03	6.95E-11	2.00	1.57E-01	2.19E-11	1,000,000	2.19E-05
43	5.5737E-07	6.6572E-08	1.05E-03	6.96E-11	2.00	1.57E-01	2.19E-11	1,000,000	2.19E-05
44	5.5737E-07	6.6539E-08	1.05E-03	6.95E-11	2.00	1.57E-01	2.19E-11	1,000,000	2.19E-05
45	5.5737E-07	6.6444E-08	1.05E-03	6.94E-11	2.00	1.57E-01	2.18E-11	1,000,000	2.18E-05
46	5.5737E-07	6.6304E-08	1.05E-03	6.93E-11	2.00	1.57E-01	2.18E-11	1,000,000	2.18E-05
47	5.5737E-07	6.6115E-08	1.05E-03	6.91E-11	2.00	1.57E-01	2.17E-11	1,000,000	2.17E-05
48	5.5737E-07	6.5836E-08	1.05E-03	6.88E-11	2.00	1.57E-01	2.16E-11	1,000,000	2.16E-05
49	5.5737E-07	6.3233E-08	1.05E-03	6.61E-11	2.00	1.57E-01	2.08E-11	1,000,000	2.08E-05
50	5.5737E-07	6.2709E-08	1.05E-03	6.55E-11	2.00	1.57E-01	2.06E-11	1,000,000	2.06E-05
51	5.5737E-07	6.2225E-08	1.05E-03	6.50E-11	2.00	1.57E-01	2.04E-11	1,000,000	2.04E-05
52	5.5737E-07	6.174E-08	1.05E-03	6.45E-11	2.00	1.57E-01	2.03E-11	1,000,000	2.03E-05
53	5.5737E-07	6.1271E-08	1.05E-03	6.40E-11	2.00	1.57E-01	2.01E-11	1,000,000	2.01E-05
54	5.5737E-07	6.087E-08	1.05E-03	6.36E-11	2.00	1.57E-01	2.00E-11	1,000,000	2.00E-05
55	5.5737E-07	6.8428E-08	1.05E-03	7.15E-11	2.00	1.57E-01	2.25E-11	1,000,000	2.25E-05
56	5.5737E-07	6.8668E-08	1.05E-03	7.18E-11	2.00	1.57E-01	2.26E-11	1,000,000	2.26E-05
57	5.5737E-07	6.8768E-08	1.05E-03	7.19E-11	2.00	1.57E-01	2.26E-11	1,000,000	2.26E-05
58	5.5737E-07	6.8813E-08	1.05E-03	7.19E-11	2.00	1.57E-01	2.26E-11	1,000,000	2.26E-05
59	5.5737E-07	6.8757E-08	1.05E-03	7.19E-11	2.00	1.57E-01	2.26E-11	1,000,000	2.26E-05
60	5.5737E-07	6.8629E-08	1.05E-03	7.17E-11	2.00	1.57E-01	2.25E-11	1,000,000	2.25E-05
61	5.5737E-07	6.8467E-08	1.05E-03	7.16E-11	2.00	1.57E-01	2.25E-11	1,000,000	2.25E-05
62	5.5737E-07	6.8216E-08	1.05E-03	7.13E-11	2.00	1.57E-01	2.24E-11	1,000,000	2.24E-05
63	5.5737E-07	6.7876E-08	1.05E-03	7.09E-11	2.00	1.57E-01	2.23E-11	1,000,000	2.23E-05
64	5.5737E-07	6.5585E-08	1.05E-03	6.86E-11	2.00	1.57E-01	2.15E-11	1,000,000	2.15E-05
65	5.5737E-07	6.5034E-08	1.05E-03	6.80E-11	2.00	1.57E-01	2.14E-11	1,000,000	2.14E-05
66	5.5737E-07	6.4515E-08	1.05E-03	6.74E-11	2.00	1.57E-01	2.12E-11	1,000,000	2.12E-05

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 3

	Cancer Risk from Birth to 2 years								
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
67	5.5737E-07	6.4014E-08	1.05E-03	6.69E-11	2.00	1.57E-01	2.10E-11	1,000,000	2.10E-05
68	5.5737E-07	6.3518E-08	1.05E-03	6.64E-11	2.00	1.57E-01	2.09E-11	1,000,000	2.09E-05
69	5.5737E-07	6.3088E-08	1.05E-03	6.59E-11	2.00	1.57E-01	2.07E-11	1,000,000	2.07E-05
70	5.5737E-07	7.0914E-08	1.05E-03	7.41E-11	2.00	1.57E-01	2.33E-11	1,000,000	2.33E-05
71	5.5737E-07	7.1064E-08	1.05E-03	7.43E-11	2.00	1.57E-01	2.33E-11	1,000,000	2.33E-05
72	5.5737E-07	7.1159E-08	1.05E-03	7.44E-11	2.00	1.57E-01	2.34E-11	1,000,000	2.34E-05
73	5.5737E-07	7.1181E-08	1.05E-03	7.44E-11	2.00	1.57E-01	2.34E-11	1,000,000	2.34E-05
74	5.5737E-07	7.1087E-08	1.05E-03	7.43E-11	2.00	1.57E-01	2.34E-11	1,000,000	2.34E-05
75	5.5737E-07	7.0925E-08	1.05E-03	7.41E-11	2.00	1.57E-01	2.33E-11	1,000,000	2.33E-05
76	5.5737E-07	7.073E-08	1.05E-03	7.39E-11	2.00	1.57E-01	2.32E-11	1,000,000	2.32E-05
77	5.5737E-07	7.0401E-08	1.05E-03	7.36E-11	2.00	1.57E-01	2.31E-11	1,000,000	2.31E-05
78	5.5737E-07	6.7514E-08	1.05E-03	7.06E-11	2.00	1.57E-01	2.22E-11	1,000,000	2.22E-05
79	5.5737E-07	6.699E-08	1.05E-03	7.00E-11	2.00	1.57E-01	2.20E-11	1,000,000	2.20E-05
80	5.5737E-07	6.6455E-08	1.05E-03	6.95E-11	2.00	1.57E-01	2.18E-11	1,000,000	2.18E-05
81	5.5737E-07	6.5937E-08	1.05E-03	6.89E-11	2.00	1.57E-01	2.17E-11	1,000,000	2.17E-05
82	5.5737E-07	6.548E-08	1.05E-03	6.84E-11	2.00	1.57E-01	2.15E-11	1,000,000	2.15E-05
83	5.5737E-07	7.3188E-08	1.05E-03	7.65E-11	2.00	1.57E-01	2.40E-11	1,000,000	2.40E-05
84	5.5737E-07	7.3478E-08	1.05E-03	7.68E-11	2.00	1.57E-01	2.41E-11	1,000,000	2.41E-05
85	5.5737E-07	7.3617E-08	1.05E-03	7.69E-11	2.00	1.57E-01	2.42E-11	1,000,000	2.42E-05
86	5.5737E-07	7.3701E-08	1.05E-03	7.70E-11	2.00	1.57E-01	2.42E-11	1,000,000	2.42E-05
87	5.5737E-07	7.3673E-08	1.05E-03	7.70E-11	2.00	1.57E-01	2.42E-11	1,000,000	2.42E-05
88	5.5737E-07	7.3545E-08	1.05E-03	7.69E-11	2.00	1.57E-01	2.42E-11	1,000,000	2.42E-05
89	5.5737E-07	7.3366E-08	1.05E-03	7.67E-11	2.00	1.57E-01	2.41E-11	1,000,000	2.41E-05
90	5.5737E-07	7.3082E-08	1.05E-03	7.64E-11	2.00	1.57E-01	2.40E-11	1,000,000	2.40E-05
91	5.5737E-07	7.2697E-08	1.05E-03	7.60E-11	2.00	1.57E-01	2.39E-11	1,000,000	2.39E-05
92	5.5737E-07	7.0741E-08	1.05E-03	7.39E-11	2.00	1.57E-01	2.32E-11	1,000,000	2.32E-05
93	5.5737E-07	7.0161E-08	1.05E-03	7.33E-11	2.00	1.57E-01	2.30E-11	1,000,000	2.30E-05
94	5.5737E-07	6.961E-08	1.05E-03	7.28E-11	2.00	1.57E-01	2.29E-11	1,000,000	2.29E-05
95	5.5737E-07	6.9047E-08	1.05E-03	7.22E-11	2.00	1.57E-01	2.27E-11	1,000,000	2.27E-05
96	5.5737E-07	6.8506E-08	1.05E-03	7.16E-11	2.00	1.57E-01	2.25E-11	1,000,000	2.25E-05
97	5.5737E-07	6.8021E-08	1.05E-03	7.11E-11	2.00	1.57E-01	2.23E-11	1,000,000	2.23E-05
98	5.5737E-07	7.6008E-08	1.05E-03	7.94E-11	2.00	1.57E-01	2.50E-11	1,000,000	2.50E-05
99	5.5737E-07	7.6198E-08	1.05E-03	7.96E-11	2.00	1.57E-01	2.50E-11	1,000,000	2.50E-05

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 3

					Cancer Risk from Birth to 2 years				
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
100	5.5737E-07	7.6326E-08	1.05E-03	7.98E-11	2.00	1.57E-01	2.51E-11	1,000,000	2.51E-05
101	5.5737E-07	7.6404E-08	1.05E-03	7.99E-11	2.00	1.57E-01	2.51E-11	1,000,000	2.51E-05
102	5.5737E-07	7.6309E-08	1.05E-03	7.98E-11	2.00	1.57E-01	2.51E-11	1,000,000	2.51E-05
103	5.5737E-07	7.6142E-08	1.05E-03	7.96E-11	2.00	1.57E-01	2.50E-11	1,000,000	2.50E-05
104	5.5737E-07	7.5908E-08	1.05E-03	7.93E-11	2.00	1.57E-01	2.49E-11	1,000,000	2.49E-05
105	5.5737E-07	7.5529E-08	1.05E-03	7.89E-11	2.00	1.57E-01	2.48E-11	1,000,000	2.48E-05
106	5.5737E-07	7.355E-08	1.05E-03	7.69E-11	2.00	1.57E-01	2.42E-11	1,000,000	2.42E-05
107	5.5737E-07	7.2965E-08	1.05E-03	7.63E-11	2.00	1.57E-01	2.40E-11	1,000,000	2.40E-05
108	5.5737E-07	7.2385E-08	1.05E-03	7.57E-11	2.00	1.57E-01	2.38E-11	1,000,000	2.38E-05
109	5.5737E-07	7.1811E-08	1.05E-03	7.51E-11	2.00	1.57E-01	2.36E-11	1,000,000	2.36E-05
110	5.5737E-07	7.1248E-08	1.05E-03	7.45E-11	2.00	1.57E-01	2.34E-11	1,000,000	2.34E-05
111	5.5737E-07	7.0741E-08	1.05E-03	7.39E-11	2.00	1.57E-01	2.32E-11	1,000,000	2.32E-05
112	5.5737E-07	7.8929E-08	1.05E-03	8.25E-11	2.00	1.57E-01	2.59E-11	1,000,000	2.59E-05
113	5.5737E-07	7.9113E-08	1.05E-03	8.27E-11	2.00	1.57E-01	2.60E-11	1,000,000	2.60E-05
114	5.5737E-07	7.9247E-08	1.05E-03	8.28E-11	2.00	1.57E-01	2.60E-11	1,000,000	2.60E-05
115	5.5737E-07	7.9235E-08	1.05E-03	8.28E-11	2.00	1.57E-01	2.60E-11	1,000,000	2.60E-05
116	5.5737E-07	7.9085E-08	1.05E-03	8.27E-11	2.00	1.57E-01	2.60E-11	1,000,000	2.60E-05
117	5.5737E-07	7.8879E-08	1.05E-03	8.24E-11	2.00	1.57E-01	2.59E-11	1,000,000	2.59E-05
118	5.5737E-07	7.8555E-08	1.05E-03	8.21E-11	2.00	1.57E-01	2.58E-11	1,000,000	2.58E-05
119	5.5737E-07	7.8121E-08	1.05E-03	8.17E-11	2.00	1.57E-01	2.57E-11	1,000,000	2.57E-05
120	5.5737E-07	7.6515E-08	1.05E-03	8.00E-11	2.00	1.57E-01	2.51E-11	1,000,000	2.51E-05
121	5.5737E-07	7.5952E-08	1.05E-03	7.94E-11	2.00	1.57E-01	2.49E-11	1,000,000	2.49E-05
122	5.5737E-07	7.5339E-08	1.05E-03	7.87E-11	2.00	1.57E-01	2.47E-11	1,000,000	2.47E-05
123	5.5737E-07	7.4749E-08	1.05E-03	7.81E-11	2.00	1.57E-01	2.46E-11	1,000,000	2.46E-05
124	5.5737E-07	7.4174E-08	1.05E-03	7.75E-11	2.00	1.57E-01	2.44E-11	1,000,000	2.44E-05
125	5.5737E-07	7.3639E-08	1.05E-03	7.70E-11	2.00	1.57E-01	2.42E-11	1,000,000	2.42E-05
126	5.5737E-07	8.1805E-08	1.05E-03	8.55E-11	2.00	1.57E-01	2.69E-11	1,000,000	2.69E-05
127	5.5737E-07	8.2078E-08	1.05E-03	8.58E-11	2.00	1.57E-01	2.70E-11	1,000,000	2.70E-05
128	5.5737E-07	8.2228E-08	1.05E-03	8.59E-11	2.00	1.57E-01	2.70E-11	1,000,000	2.70E-05
129	5.5737E-07	8.2318E-08	1.05E-03	8.60E-11	2.00	1.57E-01	2.70E-11	1,000,000	2.70E-05
130	5.5737E-07	8.2217E-08	1.05E-03	8.59E-11	2.00	1.57E-01	2.70E-11	1,000,000	2.70E-05
131	5.5737E-07	8.2022E-08	1.05E-03	8.57E-11	2.00	1.57E-01	2.69E-11	1,000,000	2.69E-05
132	5.5737E-07	8.176E-08	1.05E-03	8.55E-11	2.00	1.57E-01	2.69E-11	1,000,000	2.69E-05

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 3

					Cancer Risk from Birth to 2 years				
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
133	5.5737E-07	8.1337E-08	1.05E-03	8.50E-11	2.00	1.57E-01	2.67E-11	1,000,000	2.67E-05
134	5.5737E-07	7.9196E-08	1.05E-03	8.28E-11	2.00	1.57E-01	2.60E-11	1,000,000	2.60E-05
135	5.5737E-07	7.8533E-08	1.05E-03	8.21E-11	2.00	1.57E-01	2.58E-11	1,000,000	2.58E-05
136	5.5737E-07	7.7892E-08	1.05E-03	8.14E-11	2.00	1.57E-01	2.56E-11	1,000,000	2.56E-05
137	5.5737E-07	7.7296E-08	1.05E-03	8.08E-11	2.00	1.57E-01	2.54E-11	1,000,000	2.54E-05
138	5.5737E-07	7.6744E-08	1.05E-03	8.02E-11	2.00	1.57E-01	2.52E-11	1,000,000	2.52E-05
139	5.5737E-07	8.5188E-08	1.05E-03	8.90E-11	2.00	1.57E-01	2.80E-11	1,000,000	2.80E-05
140	5.5737E-07	8.54E-08	1.05E-03	8.93E-11	2.00	1.57E-01	2.81E-11	1,000,000	2.81E-05
141	5.5737E-07	8.5539E-08	1.05E-03	8.94E-11	2.00	1.57E-01	2.81E-11	1,000,000	2.81E-05
142	5.5737E-07	8.5534E-08	1.05E-03	8.94E-11	2.00	1.57E-01	2.81E-11	1,000,000	2.81E-05
143	5.5737E-07	8.5366E-08	1.05E-03	8.92E-11	2.00	1.57E-01	2.80E-11	1,000,000	2.80E-05
144	5.5737E-07	8.5132E-08	1.05E-03	8.90E-11	2.00	1.57E-01	2.80E-11	1,000,000	2.80E-05
145	5.5737E-07	8.4781E-08	1.05E-03	8.86E-11	2.00	1.57E-01	2.79E-11	1,000,000	2.79E-05
146	5.5737E-07	8.4296E-08	1.05E-03	8.81E-11	2.00	1.57E-01	2.77E-11	1,000,000	2.77E-05
147	5.5737E-07	8.2602E-08	1.05E-03	8.63E-11	2.00	1.57E-01	2.71E-11	1,000,000	2.71E-05
148	5.5737E-07	8.1933E-08	1.05E-03	8.56E-11	2.00	1.57E-01	2.69E-11	1,000,000	2.69E-05
149	5.5737E-07	8.1275E-08	1.05E-03	8.49E-11	2.00	1.57E-01	2.67E-11	1,000,000	2.67E-05
150	5.5737E-07	8.064E-08	1.05E-03	8.43E-11	2.00	1.57E-01	2.65E-11	1,000,000	2.65E-05
151	5.5737E-07	8.0055E-08	1.05E-03	8.37E-11	2.00	1.57E-01	2.63E-11	1,000,000	2.63E-05
152	5.5737E-07	8.8432E-08	1.05E-03	9.24E-11	2.00	1.57E-01	2.90E-11	1,000,000	2.90E-05
153	5.5737E-07	8.8755E-08	1.05E-03	9.28E-11	2.00	1.57E-01	2.92E-11	1,000,000	2.92E-05
154	5.5737E-07	8.895E-08	1.05E-03	9.30E-11	2.00	1.57E-01	2.92E-11	1,000,000	2.92E-05
155	5.5737E-07	8.9039E-08	1.05E-03	9.31E-11	2.00	1.57E-01	2.92E-11	1,000,000	2.92E-05
156	5.5737E-07	8.8945E-08	1.05E-03	9.30E-11	2.00	1.57E-01	2.92E-11	1,000,000	2.92E-05
157	5.5737E-07	8.8722E-08	1.05E-03	9.27E-11	2.00	1.57E-01	2.91E-11	1,000,000	2.91E-05
158	5.5737E-07	8.841E-08	1.05E-03	9.24E-11	2.00	1.57E-01	2.90E-11	1,000,000	2.90E-05
159	5.5737E-07	8.7986E-08	1.05E-03	9.20E-11	2.00	1.57E-01	2.89E-11	1,000,000	2.89E-05
160	5.5737E-07	8.7501E-08	1.05E-03	9.15E-11	2.00	1.57E-01	2.87E-11	1,000,000	2.87E-05
161	5.5737E-07	8.691E-08	1.05E-03	9.08E-11	2.00	1.57E-01	2.85E-11	1,000,000	2.85E-05
162	5.5737E-07	8.6286E-08	1.05E-03	9.02E-11	2.00	1.57E-01	2.83E-11	1,000,000	2.83E-05
163	5.5737E-07	8.5617E-08	1.05E-03	8.95E-11	2.00	1.57E-01	2.81E-11	1,000,000	2.81E-05
164	5.5737E-07	8.4926E-08	1.05E-03	8.88E-11	2.00	1.57E-01	2.79E-11	1,000,000	2.79E-05
165	5.5737E-07	8.4224E-08	1.05E-03	8.80E-11	2.00	1.57E-01	2.77E-11	1,000,000	2.77E-05

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 3

	Cancer Risk from Birth to 2 years								
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
166	5.5737E-07	8.3583E-08	1.05E-03	8.74E-11	2.00	1.57E-01	2.75E-11	1,000,000	2.75E-05
167	5.5737E-07	9.2294E-08	1.05E-03	9.65E-11	2.00	1.57E-01	3.03E-11	1,000,000	3.03E-05
168	5.5737E-07	9.2568E-08	1.05E-03	9.68E-11	2.00	1.57E-01	3.04E-11	1,000,000	3.04E-05
169	5.5737E-07	9.2729E-08	1.05E-03	9.69E-11	2.00	1.57E-01	3.05E-11	1,000,000	3.05E-05
170	5.5737E-07	9.2752E-08	1.05E-03	9.69E-11	2.00	1.57E-01	3.05E-11	1,000,000	3.05E-05
171	5.5737E-07	9.259E-08	1.05E-03	9.68E-11	2.00	1.57E-01	3.04E-11	1,000,000	3.04E-05
172	5.5737E-07	9.2328E-08	1.05E-03	9.65E-11	2.00	1.57E-01	3.03E-11	1,000,000	3.03E-05
173	5.5737E-07	9.1966E-08	1.05E-03	9.61E-11	2.00	1.57E-01	3.02E-11	1,000,000	3.02E-05
174	5.5737E-07	9.1514E-08	1.05E-03	9.57E-11	2.00	1.57E-01	3.01E-11	1,000,000	3.01E-05
175	5.5737E-07	9.0912E-08	1.05E-03	9.50E-11	2.00	1.57E-01	2.99E-11	1,000,000	2.99E-05
176	5.5737E-07	9.0266E-08	1.05E-03	9.43E-11	2.00	1.57E-01	2.97E-11	1,000,000	2.97E-05
177	5.5737E-07	8.9563E-08	1.05E-03	9.36E-11	2.00	1.57E-01	2.94E-11	1,000,000	2.94E-05
178	5.5737E-07	8.8822E-08	1.05E-03	9.28E-11	2.00	1.57E-01	2.92E-11	1,000,000	2.92E-05
179	5.5737E-07	8.807E-08	1.05E-03	9.21E-11	2.00	1.57E-01	2.89E-11	1,000,000	2.89E-05
180	5.5737E-07	8.7395E-08	1.05E-03	9.13E-11	2.00	1.57E-01	2.87E-11	1,000,000	2.87E-05
181	5.5737E-07	9.5934E-08	1.05E-03	1.00E-10	2.00	1.57E-01	3.15E-11	1,000,000	3.15E-05
182	5.5737E-07	9.6402E-08	1.05E-03	1.01E-10	2.00	1.57E-01	3.17E-11	1,000,000	3.17E-05
183	5.5737E-07	9.6642E-08	1.05E-03	1.01E-10	2.00	1.57E-01	3.17E-11	1,000,000	3.17E-05
184	5.5737E-07	9.6759E-08	1.05E-03	1.01E-10	2.00	1.57E-01	3.18E-11	1,000,000	3.18E-05
185	5.5737E-07	9.6703E-08	1.05E-03	1.01E-10	2.00	1.57E-01	3.18E-11	1,000,000	3.18E-05
186	5.5737E-07	9.6491E-08	1.05E-03	1.01E-10	2.00	1.57E-01	3.17E-11	1,000,000	3.17E-05
187	5.5737E-07	9.6168E-08	1.05E-03	1.01E-10	2.00	1.57E-01	3.16E-11	1,000,000	3.16E-05
188	5.5737E-07	9.5711E-08	1.05E-03	1.00E-10	2.00	1.57E-01	3.14E-11	1,000,000	3.14E-05
189	5.5737E-07	9.5131E-08	1.05E-03	9.94E-11	2.00	1.57E-01	3.13E-11	1,000,000	3.13E-05
190	5.5737E-07	9.4468E-08	1.05E-03	9.87E-11	2.00	1.57E-01	3.10E-11	1,000,000	3.10E-05
191	5.5737E-07	9.3744E-08	1.05E-03	9.80E-11	2.00	1.57E-01	3.08E-11	1,000,000	3.08E-05
192	5.5737E-07	9.2991E-08	1.05E-03	9.72E-11	2.00	1.57E-01	3.05E-11	1,000,000	3.05E-05
193	5.5737E-07	9.2216E-08	1.05E-03	9.64E-11	2.00	1.57E-01	3.03E-11	1,000,000	3.03E-05
194	5.5737E-07	9.152E-08	1.05E-03	9.57E-11	2.00	1.57E-01	3.01E-11	1,000,000	3.01E-05
195	5.5737E-07	1.0047E-07	1.05E-03	1.05E-10	2.00	1.57E-01	3.30E-11	1,000,000	3.30E-05
196	5.5737E-07	1.0081E-07	1.05E-03	1.05E-10	2.00	1.57E-01	3.31E-11	1,000,000	3.31E-05
197	5.5737E-07	1.0101E-07	1.05E-03	1.06E-10	2.00	1.57E-01	3.32E-11	1,000,000	3.32E-05
198	5.5737E-07	1.011E-07	1.05E-03	1.06E-10	2.00	1.57E-01	3.32E-11	1,000,000	3.32E-05

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 3

					Cancer Risk from Birth to 2 years				
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
199	5.5737E-07	1.0097E-07	1.05E-03	1.06E-10	2.00	1.57E-01	3.32E-11	1,000,000	3.32E-05
200	5.5737E-07	1.0069E-07	1.05E-03	1.05E-10	2.00	1.57E-01	3.31E-11	1,000,000	3.31E-05
201	5.5737E-07	1.0026E-07	1.05E-03	1.05E-10	2.00	1.57E-01	3.29E-11	1,000,000	3.29E-05
202	5.5737E-07	9.9707E-08	1.05E-03	1.04E-10	2.00	1.57E-01	3.28E-11	1,000,000	3.28E-05
203	5.5737E-07	9.9044E-08	1.05E-03	1.04E-10	2.00	1.57E-01	3.25E-11	1,000,000	3.25E-05
204	5.5737E-07	9.8314E-08	1.05E-03	1.03E-10	2.00	1.57E-01	3.23E-11	1,000,000	3.23E-05
205	5.5737E-07	9.7545E-08	1.05E-03	1.02E-10	2.00	1.57E-01	3.20E-11	1,000,000	3.20E-05
206	5.5737E-07	9.6737E-08	1.05E-03	1.01E-10	2.00	1.57E-01	3.18E-11	1,000,000	3.18E-05
207	5.5737E-07	9.5984E-08	1.05E-03	1.00E-10	2.00	1.57E-01	3.15E-11	1,000,000	3.15E-05
208	5.5737E-07	1.0526E-07	1.05E-03	1.10E-10	2.00	1.57E-01	3.46E-11	1,000,000	3.46E-05
209	5.5737E-07	1.0557E-07	1.05E-03	1.10E-10	2.00	1.57E-01	3.47E-11	1,000,000	3.47E-05
210	5.5737E-07	1.0572E-07	1.05E-03	1.11E-10	2.00	1.57E-01	3.47E-11	1,000,000	3.47E-05
211	5.5737E-07	1.0572E-07	1.05E-03	1.11E-10	2.00	1.57E-01	3.47E-11	1,000,000	3.47E-05
212	5.5737E-07	1.0553E-07	1.05E-03	1.10E-10	2.00	1.57E-01	3.47E-11	1,000,000	3.47E-05
213	5.5737E-07	1.0516E-07	1.05E-03	1.10E-10	2.00	1.57E-01	3.45E-11	1,000,000	3.45E-05
214	5.5737E-07	1.0464E-07	1.05E-03	1.09E-10	2.00	1.57E-01	3.44E-11	1,000,000	3.44E-05
215	5.5737E-07	1.0402E-07	1.05E-03	1.09E-10	2.00	1.57E-01	3.42E-11	1,000,000	3.42E-05
216	5.5737E-07	1.0329E-07	1.05E-03	1.08E-10	2.00	1.57E-01	3.39E-11	1,000,000	3.39E-05
217	5.5737E-07	1.0248E-07	1.05E-03	1.07E-10	2.00	1.57E-01	3.37E-11	1,000,000	3.37E-05
218	5.5737E-07	1.0163E-07	1.05E-03	1.06E-10	2.00	1.57E-01	3.34E-11	1,000,000	3.34E-05
219	5.5737E-07	1.0081E-07	1.05E-03	1.05E-10	2.00	1.57E-01	3.31E-11	1,000,000	3.31E-05
220	5.5737E-07	1.1067E-07	1.05E-03	1.16E-10	2.00	1.57E-01	3.64E-11	1,000,000	3.64E-05
221	5.5737E-07	1.1037E-07	1.05E-03	1.15E-10	2.00	1.57E-01	3.63E-11	1,000,000	3.63E-05
222	5.5737E-07	1.099E-07	1.05E-03	1.15E-10	2.00	1.57E-01	3.61E-11	1,000,000	3.61E-05
223	5.5737E-07	1.0929E-07	1.05E-03	1.14E-10	2.00	1.57E-01	3.59E-11	1,000,000	3.59E-05
224	5.5737E-07	1.0858E-07	1.05E-03	1.13E-10	2.00	1.57E-01	3.57E-11	1,000,000	3.57E-05
225	5.5737E-07	1.0776E-07	1.05E-03	1.13E-10	2.00	1.57E-01	3.54E-11	1,000,000	3.54E-05
226	5.5737E-07	1.069E-07	1.05E-03	1.12E-10	2.00	1.57E-01	3.51E-11	1,000,000	3.51E-05
227	5.5737E-07	1.0607E-07	1.05E-03	1.11E-10	2.00	1.57E-01	3.48E-11	1,000,000	3.48E-05
228	5.5737E-07	1.1606E-07	1.05E-03	1.21E-10	2.00	1.57E-01	3.81E-11	1,000,000	3.81E-05
229	5.5737E-07	1.1566E-07	1.05E-03	1.21E-10	2.00	1.57E-01	3.80E-11	1,000,000	3.80E-05
230	5.5737E-07	1.1508E-07	1.05E-03	1.20E-10	2.00	1.57E-01	3.78E-11	1,000,000	3.78E-05
231	5.5737E-07	1.1438E-07	1.05E-03	1.20E-10	2.00	1.57E-01	3.76E-11	1,000,000	3.76E-05

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 3

	Cancer Risk from Birth to 2 years								
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
232	5.5737E-07	1.1355E-07	1.05E-03	1.19E-10	2.00	1.57E-01	3.73E-11	1,000,000	3.73E-05
233	5.5737E-07	1.1268E-07	1.05E-03	1.18E-10	2.00	1.57E-01	3.70E-11	1,000,000	3.70E-05
234	5.5737E-07	1.1181E-07	1.05E-03	1.17E-10	2.00	1.57E-01	3.67E-11	1,000,000	3.67E-05
235	5.5737E-07	1.0504E-07	1.05E-03	1.10E-10	2.00	1.57E-01	3.45E-11	1,000,000	3.45E-05
236	5.5737E-07	1.1025E-07	1.05E-03	1.15E-10	2.00	1.57E-01	3.62E-11	1,000,000	3.62E-05
237	5.5737E-07	1.1059E-07	1.05E-03	1.16E-10	2.00	1.57E-01	3.63E-11	1,000,000	3.63E-05
238	5.5737E-07	1.1077E-07	1.05E-03	1.16E-10	2.00	1.57E-01	3.64E-11	1,000,000	3.64E-05
239	5.5737E-07	1.1591E-07	1.05E-03	1.21E-10	2.00	1.57E-01	3.81E-11	1,000,000	3.81E-05
240	5.5737E-07	1.1624E-07	1.05E-03	1.21E-10	2.00	1.57E-01	3.82E-11	1,000,000	3.82E-05
241	5.5737E-07	1.1631E-07	1.05E-03	1.22E-10	2.00	1.57E-01	3.82E-11	1,000,000	3.82E-05
242	5.5737E-07	1.1619E-07	1.05E-03	1.21E-10	2.00	1.57E-01	3.82E-11	1,000,000	3.82E-05

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 3

					Cancer Risk from Birth to 2 years				
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
243	5.5737E-07	3.9641E-07	1.05E-03	4.14E-10	2.00	1.57E-01	1.30E-10	1,000,000	1.30E-04
244	5.5737E-07	4.3651E-07	1.05E-03	4.56E-10	2.00	1.57E-01	1.43E-10	1,000,000	1.43E-04
245	5.5737E-07	4.8233E-07	1.05E-03	5.04E-10	2.00	1.57E-01	1.58E-10	1,000,000	1.58E-04
246	5.5737E-07	5.3435E-07	1.05E-03	5.59E-10	2.00	1.57E-01	1.76E-10	1,000,000	1.76E-04
247	5.5737E-07	5.9322E-07	1.05E-03	6.20E-10	2.00	1.57E-01	1.95E-10	1,000,000	1.95E-04
248	5.5737E-07	6.5855E-07	1.05E-03	6.88E-10	2.00	1.57E-01	2.16E-10	1,000,000	2.16E-04
249	5.5737E-07	7.2928E-07	1.05E-03	7.62E-10	2.00	1.57E-01	2.40E-10	1,000,000	2.40E-04
250	5.5737E-07	8.0234E-07	1.05E-03	8.39E-10	2.00	1.57E-01	2.64E-10	1,000,000	2.64E-04
251	5.5737E-07	8.7276E-07	1.05E-03	9.12E-10	2.00	1.57E-01	2.87E-10	1,000,000	2.87E-04
252	5.5737E-07	3.4395E-07	1.05E-03	3.59E-10	2.00	1.57E-01	1.13E-10	1,000,000	1.13E-04
253	5.5737E-07	3.7656E-07	1.05E-03	3.94E-10	2.00	1.57E-01	1.24E-10	1,000,000	1.24E-04
254	5.5737E-07	4.1434E-07	1.05E-03	4.33E-10	2.00	1.57E-01	1.36E-10	1,000,000	1.36E-04
255	5.5737E-07	4.5827E-07	1.05E-03	4.79E-10	2.00	1.57E-01	1.51E-10	1,000,000	1.51E-04
256	5.5737E-07	5.0941E-07	1.05E-03	5.32E-10	2.00	1.57E-01	1.67E-10	1,000,000	1.67E-04
257	5.5737E-07	5.6932E-07	1.05E-03	5.95E-10	2.00	1.57E-01	1.87E-10	1,000,000	1.87E-04
258	5.5737E-07	6.3878E-07	1.05E-03	6.68E-10	2.00	1.57E-01	2.10E-10	1,000,000	2.10E-04
259	5.5737E-07	7.1941E-07	1.05E-03	7.52E-10	2.00	1.57E-01	2.36E-10	1,000,000	2.36E-04
260	5.5737E-07	8.1092E-07	1.05E-03	8.48E-10	2.00	1.57E-01	2.66E-10	1,000,000	2.66E-04
261	5.5737E-07	9.117E-07	1.05E-03	9.53E-10	2.00	1.57E-01	2.99E-10	1,000,000	2.99E-04
262	5.5737E-07	1.0163E-06	1.05E-03	1.06E-09	2.00	1.57E-01	3.34E-10	1,000,000	3.34E-04
263	5.5737E-07	3.5668E-07	1.05E-03	3.73E-10	2.00	1.57E-01	1.17E-10	1,000,000	1.17E-04
264	5.5737E-07	3.9201E-07	1.05E-03	4.10E-10	2.00	1.57E-01	1.29E-10	1,000,000	1.29E-04
265	5.5737E-07	4.3302E-07	1.05E-03	4.53E-10	2.00	1.57E-01	1.42E-10	1,000,000	1.42E-04
266	5.5737E-07	4.8129E-07	1.05E-03	5.03E-10	2.00	1.57E-01	1.58E-10	1,000,000	1.58E-04
267	5.5737E-07	5.382E-07	1.05E-03	5.63E-10	2.00	1.57E-01	1.77E-10	1,000,000	1.77E-04
268	5.5737E-07	6.0603E-07	1.05E-03	6.33E-10	2.00	1.57E-01	1.99E-10	1,000,000	1.99E-04
269	5.5737E-07	6.8653E-07	1.05E-03	7.18E-10	2.00	1.57E-01	2.26E-10	1,000,000	2.26E-04
270	5.5737E-07	7.8293E-07	1.05E-03	8.18E-10	2.00	1.57E-01	2.57E-10	1,000,000	2.57E-04
271	5.5737E-07	8.9716E-07	1.05E-03	9.38E-10	2.00	1.57E-01	2.95E-10	1,000,000	2.95E-04
272	5.5737E-07	1.0311E-06	1.05E-03	1.08E-09	2.00	1.57E-01	3.39E-10	1,000,000	3.39E-04
273	5.5737E-07	1.1826E-06	1.05E-03	1.24E-09	2.00	1.57E-01	3.88E-10	1,000,000	3.88E-04
274	5.5737E-07	1.3472E-06	1.05E-03	1.41E-09	2.00	1.57E-01	4.43E-10	1,000,000	4.43E-04
275	5.5737E-07	3.6992E-07	1.05E-03	3.87E-10	2.00	1.57E-01	1.22E-10	1,000,000	1.22E-04

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 3

					Cancer Risk from Birth to 2 years				
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
276	5.5737E-07	4.0786E-07	1.05E-03	4.26E-10	2.00	1.57E-01	1.34E-10	1,000,000	1.34E-04
277	5.5737E-07	4.5243E-07	1.05E-03	4.73E-10	2.00	1.57E-01	1.49E-10	1,000,000	1.49E-04
278	5.5737E-07	5.0525E-07	1.05E-03	5.28E-10	2.00	1.57E-01	1.66E-10	1,000,000	1.66E-04
279	5.5737E-07	5.6833E-07	1.05E-03	5.94E-10	2.00	1.57E-01	1.87E-10	1,000,000	1.87E-04
280	5.5737E-07	6.4434E-07	1.05E-03	6.73E-10	2.00	1.57E-01	2.12E-10	1,000,000	2.12E-04
281	5.5737E-07	7.3684E-07	1.05E-03	7.70E-10	2.00	1.57E-01	2.42E-10	1,000,000	2.42E-04
282	5.5737E-07	8.4986E-07	1.05E-03	8.88E-10	2.00	1.57E-01	2.79E-10	1,000,000	2.79E-04
283	5.5737E-07	9.8906E-07	1.05E-03	1.03E-09	2.00	1.57E-01	3.25E-10	1,000,000	3.25E-04
284	5.5737E-07	1.1612E-06	1.05E-03	1.21E-09	2.00	1.57E-01	3.81E-10	1,000,000	3.81E-04
285	5.5737E-07	1.3723E-06	1.05E-03	1.43E-09	2.00	1.57E-01	4.51E-10	1,000,000	4.51E-04
286	5.5737E-07	1.6233E-06	1.05E-03	1.70E-09	2.00	1.57E-01	5.33E-10	1,000,000	5.33E-04
287	5.5737E-07	3.8309E-07	1.05E-03	4.00E-10	2.00	1.57E-01	1.26E-10	1,000,000	1.26E-04
288	5.5737E-07	4.2392E-07	1.05E-03	4.43E-10	2.00	1.57E-01	1.39E-10	1,000,000	1.39E-04
289	5.5737E-07	4.7225E-07	1.05E-03	4.94E-10	2.00	1.57E-01	1.55E-10	1,000,000	1.55E-04
290	5.5737E-07	5.2986E-07	1.05E-03	5.54E-10	2.00	1.57E-01	1.74E-10	1,000,000	1.74E-04
291	5.5737E-07	5.994E-07	1.05E-03	6.27E-10	2.00	1.57E-01	1.97E-10	1,000,000	1.97E-04
292	5.5737E-07	6.8409E-07	1.05E-03	7.15E-10	2.00	1.57E-01	2.25E-10	1,000,000	2.25E-04
293	5.5737E-07	7.8884E-07	1.05E-03	8.25E-10	2.00	1.57E-01	2.59E-10	1,000,000	2.59E-04
294	5.5737E-07	9.1973E-07	1.05E-03	9.61E-10	2.00	1.57E-01	3.02E-10	1,000,000	3.02E-04
295	5.5737E-07	1.0858E-06	1.05E-03	1.13E-09	2.00	1.57E-01	3.57E-10	1,000,000	3.57E-04
296	5.5737E-07	1.2999E-06	1.05E-03	1.36E-09	2.00	1.57E-01	4.27E-10	1,000,000	4.27E-04
297	5.5737E-07	1.5804E-06	1.05E-03	1.65E-09	2.00	1.57E-01	5.19E-10	1,000,000	5.19E-04
298	5.5737E-07	1.9481E-06	1.05E-03	2.04E-09	2.00	1.57E-01	6.40E-10	1,000,000	6.40E-04
299	5.5737E-07	3.9579E-07	1.05E-03	4.14E-10	2.00	1.57E-01	1.30E-10	1,000,000	1.30E-04
300	5.5737E-07	4.3945E-07	1.05E-03	4.59E-10	2.00	1.57E-01	1.44E-10	1,000,000	1.44E-04
301	5.5737E-07	4.9149E-07	1.05E-03	5.14E-10	2.00	1.57E-01	1.61E-10	1,000,000	1.61E-04
302	5.5737E-07	5.5401E-07	1.05E-03	5.79E-10	2.00	1.57E-01	1.82E-10	1,000,000	1.82E-04
303	5.5737E-07	6.3E-07	1.05E-03	6.58E-10	2.00	1.57E-01	2.07E-10	1,000,000	2.07E-04
304	5.5737E-07	7.2387E-07	1.05E-03	7.57E-10	2.00	1.57E-01	2.38E-10	1,000,000	2.38E-04
305	5.5737E-07	8.4153E-07	1.05E-03	8.80E-10	2.00	1.57E-01	2.76E-10	1,000,000	2.76E-04
306	5.5737E-07	9.9151E-07	1.05E-03	1.04E-09	2.00	1.57E-01	3.26E-10	1,000,000	3.26E-04
307	5.5737E-07	1.1867E-06	1.05E-03	1.24E-09	2.00	1.57E-01	3.90E-10	1,000,000	3.90E-04
308	5.5737E-07	1.4476E-06	1.05E-03	1.51E-09	2.00	1.57E-01	4.76E-10	1,000,000	4.76E-04

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 3

					Cancer Risk from Birth to 2 years				
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
309	5.5737E-07	1.8073E-06	1.05E-03	1.89E-09	2.00	1.57E-01	5.94E-10	1,000,000	5.94E-04
310	5.5737E-07	2.3175E-06	1.05E-03	2.42E-09	2.00	1.57E-01	7.61E-10	1,000,000	7.61E-04
311	5.5737E-07	4.075E-07	1.05E-03	4.26E-10	2.00	1.57E-01	1.34E-10	1,000,000	1.34E-04
312	5.5737E-07	4.5384E-07	1.05E-03	4.74E-10	2.00	1.57E-01	1.49E-10	1,000,000	1.49E-04
313	5.5737E-07	5.0932E-07	1.05E-03	5.32E-10	2.00	1.57E-01	1.67E-10	1,000,000	1.67E-04
314	5.5737E-07	5.765E-07	1.05E-03	6.03E-10	2.00	1.57E-01	1.89E-10	1,000,000	1.89E-04
315	5.5737E-07	6.5895E-07	1.05E-03	6.89E-10	2.00	1.57E-01	2.16E-10	1,000,000	2.16E-04
316	5.5737E-07	7.6105E-07	1.05E-03	7.95E-10	2.00	1.57E-01	2.50E-10	1,000,000	2.50E-04
317	5.5737E-07	8.914E-07	1.05E-03	9.32E-10	2.00	1.57E-01	2.93E-10	1,000,000	2.93E-04
318	5.5737E-07	1.06E-06	1.05E-03	1.11E-09	2.00	1.57E-01	3.48E-10	1,000,000	3.48E-04
319	5.5737E-07	1.2854E-06	1.05E-03	1.34E-09	2.00	1.57E-01	4.22E-10	1,000,000	4.22E-04
320	5.5737E-07	1.5947E-06	1.05E-03	1.67E-09	2.00	1.57E-01	5.24E-10	1,000,000	5.24E-04
321	5.5737E-07	2.0373E-06	1.05E-03	2.13E-09	2.00	1.57E-01	6.69E-10	1,000,000	6.69E-04
322	5.5737E-07	2.7088E-06	1.05E-03	2.83E-09	2.00	1.57E-01	8.90E-10	1,000,000	8.90E-04
323	5.5737E-07	4.1792E-07	1.05E-03	4.37E-10	2.00	1.57E-01	1.37E-10	1,000,000	1.37E-04
324	5.5737E-07	4.6682E-07	1.05E-03	4.88E-10	2.00	1.57E-01	1.53E-10	1,000,000	1.53E-04
325	5.5737E-07	5.2553E-07	1.05E-03	5.49E-10	2.00	1.57E-01	1.73E-10	1,000,000	1.73E-04
326	5.5737E-07	5.9639E-07	1.05E-03	6.23E-10	2.00	1.57E-01	1.96E-10	1,000,000	1.96E-04
327	5.5737E-07	6.849E-07	1.05E-03	7.16E-10	2.00	1.57E-01	2.25E-10	1,000,000	2.25E-04
328	5.5737E-07	7.9515E-07	1.05E-03	8.31E-10	2.00	1.57E-01	2.61E-10	1,000,000	2.61E-04
329	5.5737E-07	9.3714E-07	1.05E-03	9.80E-10	2.00	1.57E-01	3.08E-10	1,000,000	3.08E-04
330	5.5737E-07	1.1225E-06	1.05E-03	1.17E-09	2.00	1.57E-01	3.69E-10	1,000,000	3.69E-04
331	5.5737E-07	1.3729E-06	1.05E-03	1.43E-09	2.00	1.57E-01	4.51E-10	1,000,000	4.51E-04
332	5.5737E-07	1.726E-06	1.05E-03	1.80E-09	2.00	1.57E-01	5.67E-10	1,000,000	5.67E-04
333	5.5737E-07	2.2476E-06	1.05E-03	2.35E-09	2.00	1.57E-01	7.38E-10	1,000,000	7.38E-04
334	5.5737E-07	3.073E-06	1.05E-03	3.21E-09	2.00	1.57E-01	1.01E-09	1,000,000	1.01E-03
335	5.5737E-07	4.2687E-07	1.05E-03	4.46E-10	2.00	1.57E-01	1.40E-10	1,000,000	1.40E-04
336	5.5737E-07	4.7796E-07	1.05E-03	5.00E-10	2.00	1.57E-01	1.57E-10	1,000,000	1.57E-04
337	5.5737E-07	5.394E-07	1.05E-03	5.64E-10	2.00	1.57E-01	1.77E-10	1,000,000	1.77E-04
338	5.5737E-07	6.1346E-07	1.05E-03	6.41E-10	2.00	1.57E-01	2.02E-10	1,000,000	2.02E-04
339	5.5737E-07	7.0696E-07	1.05E-03	7.39E-10	2.00	1.57E-01	2.32E-10	1,000,000	2.32E-04
340	5.5737E-07	8.2387E-07	1.05E-03	8.61E-10	2.00	1.57E-01	2.71E-10	1,000,000	2.71E-04
341	5.5737E-07	9.767E-07	1.05E-03	1.02E-09	2.00	1.57E-01	3.21E-10	1,000,000	3.21E-04

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 3

					Cancer Risk from 2 to 14 years				
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
1	5.5737E-07	6.5151E-08	6.05E-04	3.94E-11	14.00	4.71E-02	2.60E-11	1,000,000	2.6E-05
2	5.5737E-07	6.0424E-08	6.05E-04	3.66E-11	14.00	4.71E-02	2.41E-11	1,000,000	2.41E-05
3	5.5737E-07	6.1076E-08	6.05E-04	3.70E-11	14.00	4.71E-02	2.44E-11	1,000,000	2.44E-05
4	5.5737E-07	6.2264E-08	6.05E-04	3.77E-11	14.00	4.71E-02	2.49E-11	1,000,000	2.49E-05
5	5.5737E-07	6.3462E-08	6.05E-04	3.84E-11	14.00	4.71E-02	2.53E-11	1,000,000	2.53E-05
6	5.5737E-07	6.4203E-08	6.05E-04	3.88E-11	14.00	4.71E-02	2.56E-11	1,000,000	2.56E-05
7	5.5737E-07	6.5546E-08	6.05E-04	3.97E-11	14.00	4.71E-02	2.62E-11	1,000,000	2.62E-05
8	5.5737E-07	5.4132E-08	6.05E-04	3.28E-11	14.00	4.71E-02	2.16E-11	1,000,000	2.16E-05
9	5.5737E-07	5.3741E-08	6.05E-04	3.25E-11	14.00	4.71E-02	2.15E-11	1,000,000	2.15E-05
10	5.5737E-07	5.3307E-08	6.05E-04	3.23E-11	14.00	4.71E-02	2.13E-11	1,000,000	2.13E-05
11	5.5737E-07	5.2883E-08	6.05E-04	3.20E-11	14.00	4.71E-02	2.11E-11	1,000,000	2.11E-05
12	5.5737E-07	5.2493E-08	6.05E-04	3.18E-11	14.00	4.71E-02	2.10E-11	1,000,000	2.10E-05
13	5.5737E-07	5.2119E-08	6.05E-04	3.15E-11	14.00	4.71E-02	2.08E-11	1,000,000	2.08E-05
14	5.5737E-07	5.1779E-08	6.05E-04	3.13E-11	14.00	4.71E-02	2.07E-11	1,000,000	2.07E-05
15	5.5737E-07	5.1456E-08	6.05E-04	3.11E-11	14.00	4.71E-02	2.05E-11	1,000,000	2.05E-05
16	5.5737E-07	5.5949E-08	6.05E-04	3.39E-11	14.00	4.71E-02	2.23E-11	1,000,000	2.23E-05
17	5.5737E-07	5.5536E-08	6.05E-04	3.36E-11	14.00	4.71E-02	2.22E-11	1,000,000	2.22E-05
18	5.5737E-07	5.5079E-08	6.05E-04	3.33E-11	14.00	4.71E-02	2.20E-11	1,000,000	2.20E-05
19	5.5737E-07	5.4639E-08	6.05E-04	3.31E-11	14.00	4.71E-02	2.18E-11	1,000,000	2.18E-05
20	5.5737E-07	5.4232E-08	6.05E-04	3.28E-11	14.00	4.71E-02	2.17E-11	1,000,000	2.17E-05
21	5.5737E-07	5.3831E-08	6.05E-04	3.26E-11	14.00	4.71E-02	2.15E-11	1,000,000	2.15E-05
22	5.5737E-07	5.3463E-08	6.05E-04	3.23E-11	14.00	4.71E-02	2.14E-11	1,000,000	2.14E-05
23	5.5737E-07	5.3134E-08	6.05E-04	3.21E-11	14.00	4.71E-02	2.12E-11	1,000,000	2.12E-05
24	5.5737E-07	5.6952E-08	6.05E-04	3.45E-11	14.00	4.71E-02	2.27E-11	1,000,000	2.27E-05
25	5.5737E-07	5.6495E-08	6.05E-04	3.42E-11	14.00	4.71E-02	2.26E-11	1,000,000	2.26E-05
26	5.5737E-07	5.6077E-08	6.05E-04	3.39E-11	14.00	4.71E-02	2.24E-11	1,000,000	2.24E-05
27	5.5737E-07	5.5653E-08	6.05E-04	3.37E-11	14.00	4.71E-02	2.22E-11	1,000,000	2.22E-05
28	5.5737E-07	5.5257E-08	6.05E-04	3.34E-11	14.00	4.71E-02	2.21E-11	1,000,000	2.21E-05
29	5.5737E-07	5.4912E-08	6.05E-04	3.32E-11	14.00	4.71E-02	2.19E-11	1,000,000	2.19E-05
30	5.5737E-07	5.8936E-08	6.05E-04	3.57E-11	14.00	4.71E-02	2.35E-11	1,000,000	2.35E-05
31	5.5737E-07	5.8451E-08	6.05E-04	3.54E-11	14.00	4.71E-02	2.33E-11	1,000,000	2.33E-05
32	5.5737E-07	5.8016E-08	6.05E-04	3.51E-11	14.00	4.71E-02	2.32E-11	1,000,000	2.32E-05
33	5.5737E-07	5.757E-08	6.05E-04	3.48E-11	14.00	4.71E-02	2.30E-11	1,000,000	2.30E-05

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 3

	Cancer Risk from 2 to 14 years								
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
34	5.5737E-07	5.7152E-08	6.05E-04	3.46E-11	14.00	4.71E-02	2.28E-11	1,000,000	2.28E-05
35	5.5737E-07	5.6785E-08	6.05E-04	3.44E-11	14.00	4.71E-02	2.27E-11	1,000,000	2.27E-05
36	5.5737E-07	6.1021E-08	6.05E-04	3.69E-11	14.00	4.71E-02	2.44E-11	1,000,000	2.44E-05
37	5.5737E-07	6.0519E-08	6.05E-04	3.66E-11	14.00	4.71E-02	2.42E-11	1,000,000	2.42E-05
38	5.5737E-07	6.0062E-08	6.05E-04	3.63E-11	14.00	4.71E-02	2.40E-11	1,000,000	2.40E-05
39	5.5737E-07	5.9594E-08	6.05E-04	3.61E-11	14.00	4.71E-02	2.38E-11	1,000,000	2.38E-05
40	5.5737E-07	5.9148E-08	6.05E-04	3.58E-11	14.00	4.71E-02	2.36E-11	1,000,000	2.36E-05
41	5.5737E-07	5.8763E-08	6.05E-04	3.56E-11	14.00	4.71E-02	2.35E-11	1,000,000	2.35E-05
42	5.5737E-07	6.6533E-08	6.05E-04	4.03E-11	14.00	4.71E-02	2.66E-11	1,000,000	2.66E-05
43	5.5737E-07	6.6572E-08	6.05E-04	4.03E-11	14.00	4.71E-02	2.66E-11	1,000,000	2.66E-05
44	5.5737E-07	6.6539E-08	6.05E-04	4.03E-11	14.00	4.71E-02	2.66E-11	1,000,000	2.66E-05
45	5.5737E-07	6.6444E-08	6.05E-04	4.02E-11	14.00	4.71E-02	2.65E-11	1,000,000	2.65E-05
46	5.5737E-07	6.6304E-08	6.05E-04	4.01E-11	14.00	4.71E-02	2.65E-11	1,000,000	2.65E-05
47	5.5737E-07	6.6115E-08	6.05E-04	4.00E-11	14.00	4.71E-02	2.64E-11	1,000,000	2.64E-05
48	5.5737E-07	6.5836E-08	6.05E-04	3.98E-11	14.00	4.71E-02	2.63E-11	1,000,000	2.63E-05
49	5.5737E-07	6.3233E-08	6.05E-04	3.83E-11	14.00	4.71E-02	2.53E-11	1,000,000	2.53E-05
50	5.5737E-07	6.2709E-08	6.05E-04	3.79E-11	14.00	4.71E-02	2.50E-11	1,000,000	2.50E-05
51	5.5737E-07	6.2225E-08	6.05E-04	3.77E-11	14.00	4.71E-02	2.48E-11	1,000,000	2.48E-05
52	5.5737E-07	6.174E-08	6.05E-04	3.74E-11	14.00	4.71E-02	2.47E-11	1,000,000	2.47E-05
53	5.5737E-07	6.1271E-08	6.05E-04	3.71E-11	14.00	4.71E-02	2.45E-11	1,000,000	2.45E-05
54	5.5737E-07	6.087E-08	6.05E-04	3.68E-11	14.00	4.71E-02	2.43E-11	1,000,000	2.43E-05
55	5.5737E-07	6.8428E-08	6.05E-04	4.14E-11	14.00	4.71E-02	2.73E-11	1,000,000	2.73E-05
56	5.5737E-07	6.8668E-08	6.05E-04	4.15E-11	14.00	4.71E-02	2.74E-11	1,000,000	2.74E-05
57	5.5737E-07	6.8768E-08	6.05E-04	4.16E-11	14.00	4.71E-02	2.75E-11	1,000,000	2.75E-05
58	5.5737E-07	6.8813E-08	6.05E-04	4.16E-11	14.00	4.71E-02	2.75E-11	1,000,000	2.75E-05
59	5.5737E-07	6.8757E-08	6.05E-04	4.16E-11	14.00	4.71E-02	2.75E-11	1,000,000	2.75E-05
60	5.5737E-07	6.8629E-08	6.05E-04	4.15E-11	14.00	4.71E-02	2.74E-11	1,000,000	2.74E-05
61	5.5737E-07	6.8467E-08	6.05E-04	4.14E-11	14.00	4.71E-02	2.73E-11	1,000,000	2.73E-05
62	5.5737E-07	6.8216E-08	6.05E-04	4.13E-11	14.00	4.71E-02	2.72E-11	1,000,000	2.72E-05
63	5.5737E-07	6.7876E-08	6.05E-04	4.11E-11	14.00	4.71E-02	2.71E-11	1,000,000	2.71E-05
64	5.5737E-07	6.5585E-08	6.05E-04	3.97E-11	14.00	4.71E-02	2.62E-11	1,000,000	2.62E-05
65	5.5737E-07	6.5034E-08	6.05E-04	3.93E-11	14.00	4.71E-02	2.60E-11	1,000,000	2.60E-05
66	5.5737E-07	6.4515E-08	6.05E-04	3.90E-11	14.00	4.71E-02	2.58E-11	1,000,000	2.58E-05

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 3

					Cancer Risk from 2 to 14 years				
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
67	5.5737E-07	6.4014E-08	6.05E-04	3.87E-11	14.00	4.71E-02	2.56E-11	1,000,000	2.56E-05
68	5.5737E-07	6.3518E-08	6.05E-04	3.84E-11	14.00	4.71E-02	2.54E-11	1,000,000	2.54E-05
69	5.5737E-07	6.3088E-08	6.05E-04	3.82E-11	14.00	4.71E-02	2.52E-11	1,000,000	2.52E-05
70	5.5737E-07	7.0914E-08	6.05E-04	4.29E-11	14.00	4.71E-02	2.83E-11	1,000,000	2.83E-05
71	5.5737E-07	7.1064E-08	6.05E-04	4.30E-11	14.00	4.71E-02	2.84E-11	1,000,000	2.84E-05
72	5.5737E-07	7.1159E-08	6.05E-04	4.31E-11	14.00	4.71E-02	2.84E-11	1,000,000	2.84E-05
73	5.5737E-07	7.1181E-08	6.05E-04	4.31E-11	14.00	4.71E-02	2.84E-11	1,000,000	2.84E-05
74	5.5737E-07	7.1087E-08	6.05E-04	4.30E-11	14.00	4.71E-02	2.84E-11	1,000,000	2.84E-05
75	5.5737E-07	7.0925E-08	6.05E-04	4.29E-11	14.00	4.71E-02	2.83E-11	1,000,000	2.83E-05
76	5.5737E-07	7.073E-08	6.05E-04	4.28E-11	14.00	4.71E-02	2.82E-11	1,000,000	2.82E-05
77	5.5737E-07	7.0401E-08	6.05E-04	4.26E-11	14.00	4.71E-02	2.81E-11	1,000,000	2.81E-05
78	5.5737E-07	6.7514E-08	6.05E-04	4.09E-11	14.00	4.71E-02	2.70E-11	1,000,000	2.70E-05
79	5.5737E-07	6.699E-08	6.05E-04	4.05E-11	14.00	4.71E-02	2.68E-11	1,000,000	2.68E-05
80	5.5737E-07	6.6455E-08	6.05E-04	4.02E-11	14.00	4.71E-02	2.65E-11	1,000,000	2.65E-05
81	5.5737E-07	6.5937E-08	6.05E-04	3.99E-11	14.00	4.71E-02	2.63E-11	1,000,000	2.63E-05
82	5.5737E-07	6.548E-08	6.05E-04	3.96E-11	14.00	4.71E-02	2.61E-11	1,000,000	2.61E-05
83	5.5737E-07	7.3188E-08	6.05E-04	4.43E-11	14.00	4.71E-02	2.92E-11	1,000,000	2.92E-05
84	5.5737E-07	7.3478E-08	6.05E-04	4.45E-11	14.00	4.71E-02	2.93E-11	1,000,000	2.93E-05
85	5.5737E-07	7.3617E-08	6.05E-04	4.45E-11	14.00	4.71E-02	2.94E-11	1,000,000	2.94E-05
86	5.5737E-07	7.3701E-08	6.05E-04	4.46E-11	14.00	4.71E-02	2.94E-11	1,000,000	2.94E-05
87	5.5737E-07	7.3673E-08	6.05E-04	4.46E-11	14.00	4.71E-02	2.94E-11	1,000,000	2.94E-05
88	5.5737E-07	7.3545E-08	6.05E-04	4.45E-11	14.00	4.71E-02	2.94E-11	1,000,000	2.94E-05
89	5.5737E-07	7.3366E-08	6.05E-04	4.44E-11	14.00	4.71E-02	2.93E-11	1,000,000	2.93E-05
90	5.5737E-07	7.3082E-08	6.05E-04	4.42E-11	14.00	4.71E-02	2.92E-11	1,000,000	2.92E-05
91	5.5737E-07	7.2697E-08	6.05E-04	4.40E-11	14.00	4.71E-02	2.90E-11	1,000,000	2.90E-05
92	5.5737E-07	7.0741E-08	6.05E-04	4.28E-11	14.00	4.71E-02	2.83E-11	1,000,000	2.83E-05
93	5.5737E-07	7.0161E-08	6.05E-04	4.25E-11	14.00	4.71E-02	2.80E-11	1,000,000	2.80E-05
94	5.5737E-07	6.961E-08	6.05E-04	4.21E-11	14.00	4.71E-02	2.78E-11	1,000,000	2.78E-05
95	5.5737E-07	6.9047E-08	6.05E-04	4.18E-11	14.00	4.71E-02	2.76E-11	1,000,000	2.76E-05
96	5.5737E-07	6.8506E-08	6.05E-04	4.15E-11	14.00	4.71E-02	2.74E-11	1,000,000	2.74E-05
97	5.5737E-07	6.8021E-08	6.05E-04	4.12E-11	14.00	4.71E-02	2.72E-11	1,000,000	2.72E-05
98	5.5737E-07	7.6008E-08	6.05E-04	4.60E-11	14.00	4.71E-02	3.04E-11	1,000,000	3.04E-05
99	5.5737E-07	7.6198E-08	6.05E-04	4.61E-11	14.00	4.71E-02	3.04E-11	1,000,000	3.04E-05

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 3

					Cancer Risk from 2 to 14 years				
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
100	5.5737E-07	7.6326E-08	6.05E-04	4.62E-11	14.00	4.71E-02	3.05E-11	1,000,000	3.05E-05
101	5.5737E-07	7.6404E-08	6.05E-04	4.62E-11	14.00	4.71E-02	3.05E-11	1,000,000	3.05E-05
102	5.5737E-07	7.6309E-08	6.05E-04	4.62E-11	14.00	4.71E-02	3.05E-11	1,000,000	3.05E-05
103	5.5737E-07	7.6142E-08	6.05E-04	4.61E-11	14.00	4.71E-02	3.04E-11	1,000,000	3.04E-05
104	5.5737E-07	7.5908E-08	6.05E-04	4.59E-11	14.00	4.71E-02	3.03E-11	1,000,000	3.03E-05
105	5.5737E-07	7.5529E-08	6.05E-04	4.57E-11	14.00	4.71E-02	3.02E-11	1,000,000	3.02E-05
106	5.5737E-07	7.355E-08	6.05E-04	4.45E-11	14.00	4.71E-02	2.94E-11	1,000,000	2.94E-05
107	5.5737E-07	7.2965E-08	6.05E-04	4.41E-11	14.00	4.71E-02	2.91E-11	1,000,000	2.91E-05
108	5.5737E-07	7.2385E-08	6.05E-04	4.38E-11	14.00	4.71E-02	2.89E-11	1,000,000	2.89E-05
109	5.5737E-07	7.1811E-08	6.05E-04	4.35E-11	14.00	4.71E-02	2.87E-11	1,000,000	2.87E-05
110	5.5737E-07	7.1248E-08	6.05E-04	4.31E-11	14.00	4.71E-02	2.85E-11	1,000,000	2.85E-05
111	5.5737E-07	7.0741E-08	6.05E-04	4.28E-11	14.00	4.71E-02	2.83E-11	1,000,000	2.83E-05
112	5.5737E-07	7.8929E-08	6.05E-04	4.78E-11	14.00	4.71E-02	3.15E-11	1,000,000	3.15E-05
113	5.5737E-07	7.9113E-08	6.05E-04	4.79E-11	14.00	4.71E-02	3.16E-11	1,000,000	3.16E-05
114	5.5737E-07	7.9247E-08	6.05E-04	4.79E-11	14.00	4.71E-02	3.16E-11	1,000,000	3.16E-05
115	5.5737E-07	7.9235E-08	6.05E-04	4.79E-11	14.00	4.71E-02	3.16E-11	1,000,000	3.16E-05
116	5.5737E-07	7.9085E-08	6.05E-04	4.79E-11	14.00	4.71E-02	3.16E-11	1,000,000	3.16E-05
117	5.5737E-07	7.8879E-08	6.05E-04	4.77E-11	14.00	4.71E-02	3.15E-11	1,000,000	3.15E-05
118	5.5737E-07	7.8555E-08	6.05E-04	4.75E-11	14.00	4.71E-02	3.14E-11	1,000,000	3.14E-05
119	5.5737E-07	7.8121E-08	6.05E-04	4.73E-11	14.00	4.71E-02	3.12E-11	1,000,000	3.12E-05
120	5.5737E-07	7.6515E-08	6.05E-04	4.63E-11	14.00	4.71E-02	3.06E-11	1,000,000	3.06E-05
121	5.5737E-07	7.5952E-08	6.05E-04	4.60E-11	14.00	4.71E-02	3.03E-11	1,000,000	3.03E-05
122	5.5737E-07	7.5339E-08	6.05E-04	4.56E-11	14.00	4.71E-02	3.01E-11	1,000,000	3.01E-05
123	5.5737E-07	7.4749E-08	6.05E-04	4.52E-11	14.00	4.71E-02	2.99E-11	1,000,000	2.99E-05
124	5.5737E-07	7.4174E-08	6.05E-04	4.49E-11	14.00	4.71E-02	2.96E-11	1,000,000	2.96E-05
125	5.5737E-07	7.3639E-08	6.05E-04	4.46E-11	14.00	4.71E-02	2.94E-11	1,000,000	2.94E-05
126	5.5737E-07	8.1805E-08	6.05E-04	4.95E-11	14.00	4.71E-02	3.27E-11	1,000,000	3.27E-05
127	5.5737E-07	8.2078E-08	6.05E-04	4.97E-11	14.00	4.71E-02	3.28E-11	1,000,000	3.28E-05
128	5.5737E-07	8.2228E-08	6.05E-04	4.98E-11	14.00	4.71E-02	3.28E-11	1,000,000	3.28E-05
129	5.5737E-07	8.2318E-08	6.05E-04	4.98E-11	14.00	4.71E-02	3.29E-11	1,000,000	3.29E-05
130	5.5737E-07	8.2217E-08	6.05E-04	4.97E-11	14.00	4.71E-02	3.28E-11	1,000,000	3.28E-05
131	5.5737E-07	8.2022E-08	6.05E-04	4.96E-11	14.00	4.71E-02	3.28E-11	1,000,000	3.28E-05
132	5.5737E-07	8.176E-08	6.05E-04	4.95E-11	14.00	4.71E-02	3.27E-11	1,000,000	3.27E-05

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 3

	Cancer Risk from 2 to 14 years								
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
133	5.5737E-07	8.1337E-08	6.05E-04	4.92E-11	14.00	4.71E-02	3.25E-11	1,000,000	3.25E-05
134	5.5737E-07	7.9196E-08	6.05E-04	4.79E-11	14.00	4.71E-02	3.16E-11	1,000,000	3.16E-05
135	5.5737E-07	7.8533E-08	6.05E-04	4.75E-11	14.00	4.71E-02	3.14E-11	1,000,000	3.14E-05
136	5.5737E-07	7.7892E-08	6.05E-04	4.71E-11	14.00	4.71E-02	3.11E-11	1,000,000	3.11E-05
137	5.5737E-07	7.7296E-08	6.05E-04	4.68E-11	14.00	4.71E-02	3.09E-11	1,000,000	3.09E-05
138	5.5737E-07	7.6744E-08	6.05E-04	4.64E-11	14.00	4.71E-02	3.06E-11	1,000,000	3.06E-05
139	5.5737E-07	8.5188E-08	6.05E-04	5.15E-11	14.00	4.71E-02	3.40E-11	1,000,000	3.40E-05
140	5.5737E-07	8.54E-08	6.05E-04	5.17E-11	14.00	4.71E-02	3.41E-11	1,000,000	3.41E-05
141	5.5737E-07	8.5539E-08	6.05E-04	5.18E-11	14.00	4.71E-02	3.42E-11	1,000,000	3.42E-05
142	5.5737E-07	8.5534E-08	6.05E-04	5.18E-11	14.00	4.71E-02	3.42E-11	1,000,000	3.42E-05
143	5.5737E-07	8.5366E-08	6.05E-04	5.17E-11	14.00	4.71E-02	3.41E-11	1,000,000	3.41E-05
144	5.5737E-07	8.5132E-08	6.05E-04	5.15E-11	14.00	4.71E-02	3.40E-11	1,000,000	3.40E-05
145	5.5737E-07	8.4781E-08	6.05E-04	5.13E-11	14.00	4.71E-02	3.39E-11	1,000,000	3.39E-05
146	5.5737E-07	8.4296E-08	6.05E-04	5.10E-11	14.00	4.71E-02	3.37E-11	1,000,000	3.37E-05
147	5.5737E-07	8.2602E-08	6.05E-04	5.00E-11	14.00	4.71E-02	3.30E-11	1,000,000	3.30E-05
148	5.5737E-07	8.1933E-08	6.05E-04	4.96E-11	14.00	4.71E-02	3.27E-11	1,000,000	3.27E-05
149	5.5737E-07	8.1275E-08	6.05E-04	4.92E-11	14.00	4.71E-02	3.25E-11	1,000,000	3.25E-05
150	5.5737E-07	8.064E-08	6.05E-04	4.88E-11	14.00	4.71E-02	3.22E-11	1,000,000	3.22E-05
151	5.5737E-07	8.0055E-08	6.05E-04	4.84E-11	14.00	4.71E-02	3.20E-11	1,000,000	3.20E-05
152	5.5737E-07	8.8432E-08	6.05E-04	5.35E-11	14.00	4.71E-02	3.53E-11	1,000,000	3.53E-05
153	5.5737E-07	8.8755E-08	6.05E-04	5.37E-11	14.00	4.71E-02	3.54E-11	1,000,000	3.54E-05
154	5.5737E-07	8.895E-08	6.05E-04	5.38E-11	14.00	4.71E-02	3.55E-11	1,000,000	3.55E-05
155	5.5737E-07	8.9039E-08	6.05E-04	5.39E-11	14.00	4.71E-02	3.56E-11	1,000,000	3.56E-05
156	5.5737E-07	8.8945E-08	6.05E-04	5.38E-11	14.00	4.71E-02	3.55E-11	1,000,000	3.55E-05
157	5.5737E-07	8.8722E-08	6.05E-04	5.37E-11	14.00	4.71E-02	3.54E-11	1,000,000	3.54E-05
158	5.5737E-07	8.841E-08	6.05E-04	5.35E-11	14.00	4.71E-02	3.53E-11	1,000,000	3.53E-05
159	5.5737E-07	8.7986E-08	6.05E-04	5.32E-11	14.00	4.71E-02	3.51E-11	1,000,000	3.51E-05
160	5.5737E-07	8.7501E-08	6.05E-04	5.29E-11	14.00	4.71E-02	3.49E-11	1,000,000	3.49E-05
161	5.5737E-07	8.691E-08	6.05E-04	5.26E-11	14.00	4.71E-02	3.47E-11	1,000,000	3.47E-05
162	5.5737E-07	8.6286E-08	6.05E-04	5.22E-11	14.00	4.71E-02	3.45E-11	1,000,000	3.45E-05
163	5.5737E-07	8.5617E-08	6.05E-04	5.18E-11	14.00	4.71E-02	3.42E-11	1,000,000	3.42E-05
164	5.5737E-07	8.4926E-08	6.05E-04	5.14E-11	14.00	4.71E-02	3.39E-11	1,000,000	3.39E-05
165	5.5737E-07	8.4224E-08	6.05E-04	5.10E-11	14.00	4.71E-02	3.36E-11	1,000,000	3.36E-05

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 3

					Cancer Risk from 2 to 14 years				
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
166	5.5737E-07	8.3583E-08	6.05E-04	5.06E-11	14.00	4.71E-02	3.34E-11	1,000,000	3.34E-05
167	5.5737E-07	9.2294E-08	6.05E-04	5.58E-11	14.00	4.71E-02	3.69E-11	1,000,000	3.69E-05
168	5.5737E-07	9.2568E-08	6.05E-04	5.60E-11	14.00	4.71E-02	3.70E-11	1,000,000	3.70E-05
169	5.5737E-07	9.2729E-08	6.05E-04	5.61E-11	14.00	4.71E-02	3.70E-11	1,000,000	3.70E-05
170	5.5737E-07	9.2752E-08	6.05E-04	5.61E-11	14.00	4.71E-02	3.70E-11	1,000,000	3.70E-05
171	5.5737E-07	9.259E-08	6.05E-04	5.60E-11	14.00	4.71E-02	3.70E-11	1,000,000	3.70E-05
172	5.5737E-07	9.2328E-08	6.05E-04	5.59E-11	14.00	4.71E-02	3.69E-11	1,000,000	3.69E-05
173	5.5737E-07	9.1966E-08	6.05E-04	5.56E-11	14.00	4.71E-02	3.67E-11	1,000,000	3.67E-05
174	5.5737E-07	9.1514E-08	6.05E-04	5.54E-11	14.00	4.71E-02	3.65E-11	1,000,000	3.65E-05
175	5.5737E-07	9.0912E-08	6.05E-04	5.50E-11	14.00	4.71E-02	3.63E-11	1,000,000	3.63E-05
176	5.5737E-07	9.0266E-08	6.05E-04	5.46E-11	14.00	4.71E-02	3.60E-11	1,000,000	3.60E-05
177	5.5737E-07	8.9563E-08	6.05E-04	5.42E-11	14.00	4.71E-02	3.58E-11	1,000,000	3.58E-05
178	5.5737E-07	8.8822E-08	6.05E-04	5.37E-11	14.00	4.71E-02	3.55E-11	1,000,000	3.55E-05
179	5.5737E-07	8.807E-08	6.05E-04	5.33E-11	14.00	4.71E-02	3.52E-11	1,000,000	3.52E-05
180	5.5737E-07	8.7395E-08	6.05E-04	5.29E-11	14.00	4.71E-02	3.49E-11	1,000,000	3.49E-05
181	5.5737E-07	9.5934E-08	6.05E-04	5.80E-11	14.00	4.71E-02	3.83E-11	1,000,000	3.83E-05
182	5.5737E-07	9.6402E-08	6.05E-04	5.83E-11	14.00	4.71E-02	3.85E-11	1,000,000	3.85E-05
183	5.5737E-07	9.6642E-08	6.05E-04	5.85E-11	14.00	4.71E-02	3.86E-11	1,000,000	3.86E-05
184	5.5737E-07	9.6759E-08	6.05E-04	5.85E-11	14.00	4.71E-02	3.86E-11	1,000,000	3.86E-05
185	5.5737E-07	9.6703E-08	6.05E-04	5.85E-11	14.00	4.71E-02	3.86E-11	1,000,000	3.86E-05
186	5.5737E-07	9.6491E-08	6.05E-04	5.84E-11	14.00	4.71E-02	3.85E-11	1,000,000	3.85E-05
187	5.5737E-07	9.6168E-08	6.05E-04	5.82E-11	14.00	4.71E-02	3.84E-11	1,000,000	3.84E-05
188	5.5737E-07	9.5711E-08	6.05E-04	5.79E-11	14.00	4.71E-02	3.82E-11	1,000,000	3.82E-05
189	5.5737E-07	9.5131E-08	6.05E-04	5.76E-11	14.00	4.71E-02	3.80E-11	1,000,000	3.80E-05
190	5.5737E-07	9.4468E-08	6.05E-04	5.72E-11	14.00	4.71E-02	3.77E-11	1,000,000	3.77E-05
191	5.5737E-07	9.3744E-08	6.05E-04	5.67E-11	14.00	4.71E-02	3.74E-11	1,000,000	3.74E-05
192	5.5737E-07	9.2991E-08	6.05E-04	5.63E-11	14.00	4.71E-02	3.71E-11	1,000,000	3.71E-05
193	5.5737E-07	9.2216E-08	6.05E-04	5.58E-11	14.00	4.71E-02	3.68E-11	1,000,000	3.68E-05
194	5.5737E-07	9.152E-08	6.05E-04	5.54E-11	14.00	4.71E-02	3.65E-11	1,000,000	3.65E-05
195	5.5737E-07	1.0047E-07	6.05E-04	6.08E-11	14.00	4.71E-02	4.01E-11	1,000,000	4.01E-05
196	5.5737E-07	1.0081E-07	6.05E-04	6.10E-11	14.00	4.71E-02	4.03E-11	1,000,000	4.03E-05
197	5.5737E-07	1.0101E-07	6.05E-04	6.11E-11	14.00	4.71E-02	4.03E-11	1,000,000	4.03E-05
198	5.5737E-07	1.011E-07	6.05E-04	6.12E-11	14.00	4.71E-02	4.04E-11	1,000,000	4.04E-05

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 3

					Cancer Risk from 2 to 14 years				
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
199	5.5737E-07	1.0097E-07	6.05E-04	6.11E-11	14.00	4.71E-02	4.03E-11	1,000,000	4.03E-05
200	5.5737E-07	1.0069E-07	6.05E-04	6.09E-11	14.00	4.71E-02	4.02E-11	1,000,000	4.02E-05
201	5.5737E-07	1.0026E-07	6.05E-04	6.07E-11	14.00	4.71E-02	4.00E-11	1,000,000	4.00E-05
202	5.5737E-07	9.9707E-08	6.05E-04	6.03E-11	14.00	4.71E-02	3.98E-11	1,000,000	3.98E-05
203	5.5737E-07	9.9044E-08	6.05E-04	5.99E-11	14.00	4.71E-02	3.96E-11	1,000,000	3.96E-05
204	5.5737E-07	9.8314E-08	6.05E-04	5.95E-11	14.00	4.71E-02	3.93E-11	1,000,000	3.93E-05
205	5.5737E-07	9.7545E-08	6.05E-04	5.90E-11	14.00	4.71E-02	3.90E-11	1,000,000	3.90E-05
206	5.5737E-07	9.6737E-08	6.05E-04	5.85E-11	14.00	4.71E-02	3.86E-11	1,000,000	3.86E-05
207	5.5737E-07	9.5984E-08	6.05E-04	5.81E-11	14.00	4.71E-02	3.83E-11	1,000,000	3.83E-05
208	5.5737E-07	1.0526E-07	6.05E-04	6.37E-11	14.00	4.71E-02	4.20E-11	1,000,000	4.20E-05
209	5.5737E-07	1.0557E-07	6.05E-04	6.39E-11	14.00	4.71E-02	4.22E-11	1,000,000	4.22E-05
210	5.5737E-07	1.0572E-07	6.05E-04	6.40E-11	14.00	4.71E-02	4.22E-11	1,000,000	4.22E-05
211	5.5737E-07	1.0572E-07	6.05E-04	6.40E-11	14.00	4.71E-02	4.22E-11	1,000,000	4.22E-05
212	5.5737E-07	1.0553E-07	6.05E-04	6.39E-11	14.00	4.71E-02	4.21E-11	1,000,000	4.21E-05
213	5.5737E-07	1.0516E-07	6.05E-04	6.36E-11	14.00	4.71E-02	4.20E-11	1,000,000	4.20E-05
214	5.5737E-07	1.0464E-07	6.05E-04	6.33E-11	14.00	4.71E-02	4.18E-11	1,000,000	4.18E-05
215	5.5737E-07	1.0402E-07	6.05E-04	6.29E-11	14.00	4.71E-02	4.15E-11	1,000,000	4.15E-05
216	5.5737E-07	1.0329E-07	6.05E-04	6.25E-11	14.00	4.71E-02	4.12E-11	1,000,000	4.12E-05
217	5.5737E-07	1.0248E-07	6.05E-04	6.20E-11	14.00	4.71E-02	4.09E-11	1,000,000	4.09E-05
218	5.5737E-07	1.0163E-07	6.05E-04	6.15E-11	14.00	4.71E-02	4.06E-11	1,000,000	4.06E-05
219	5.5737E-07	1.0081E-07	6.05E-04	6.10E-11	14.00	4.71E-02	4.03E-11	1,000,000	4.03E-05
220	5.5737E-07	1.1067E-07	6.05E-04	6.70E-11	14.00	4.71E-02	4.42E-11	1,000,000	4.42E-05
221	5.5737E-07	1.1037E-07	6.05E-04	6.68E-11	14.00	4.71E-02	4.41E-11	1,000,000	4.41E-05
222	5.5737E-07	1.099E-07	6.05E-04	6.65E-11	14.00	4.71E-02	4.39E-11	1,000,000	4.39E-05
223	5.5737E-07	1.0929E-07	6.05E-04	6.61E-11	14.00	4.71E-02	4.36E-11	1,000,000	4.36E-05
224	5.5737E-07	1.0858E-07	6.05E-04	6.57E-11	14.00	4.71E-02	4.34E-11	1,000,000	4.34E-05
225	5.5737E-07	1.0776E-07	6.05E-04	6.52E-11	14.00	4.71E-02	4.30E-11	1,000,000	4.30E-05
226	5.5737E-07	1.069E-07	6.05E-04	6.47E-11	14.00	4.71E-02	4.27E-11	1,000,000	4.27E-05
227	5.5737E-07	1.0607E-07	6.05E-04	6.42E-11	14.00	4.71E-02	4.24E-11	1,000,000	4.24E-05
228	5.5737E-07	1.1606E-07	6.05E-04	7.02E-11	14.00	4.71E-02	4.63E-11	1,000,000	4.63E-05
229	5.5737E-07	1.1566E-07	6.05E-04	7.00E-11	14.00	4.71E-02	4.62E-11	1,000,000	4.62E-05
230	5.5737E-07	1.1508E-07	6.05E-04	6.96E-11	14.00	4.71E-02	4.60E-11	1,000,000	4.60E-05
231	5.5737E-07	1.1438E-07	6.05E-04	6.92E-11	14.00	4.71E-02	4.57E-11	1,000,000	4.57E-05

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 3

	Cancer Risk from 2 to 14 years								
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
232	5.5737E-07	1.1355E-07	6.05E-04	6.87E-11	14.00	4.71E-02	4.53E-11	1,000,000	4.53E-05
233	5.5737E-07	1.1268E-07	6.05E-04	6.82E-11	14.00	4.71E-02	4.50E-11	1,000,000	4.50E-05
234	5.5737E-07	1.1181E-07	6.05E-04	6.77E-11	14.00	4.71E-02	4.46E-11	1,000,000	4.46E-05
235	5.5737E-07	1.0504E-07	6.05E-04	6.36E-11	14.00	4.71E-02	4.19E-11	1,000,000	4.19E-05
236	5.5737E-07	1.1025E-07	6.05E-04	6.67E-11	14.00	4.71E-02	4.40E-11	1,000,000	4.40E-05
237	5.5737E-07	1.1059E-07	6.05E-04	6.69E-11	14.00	4.71E-02	4.42E-11	1,000,000	4.42E-05
238	5.5737E-07	1.1077E-07	6.05E-04	6.70E-11	14.00	4.71E-02	4.42E-11	1,000,000	4.42E-05
239	5.5737E-07	1.1591E-07	6.05E-04	7.01E-11	14.00	4.71E-02	4.63E-11	1,000,000	4.63E-05
240	5.5737E-07	1.1624E-07	6.05E-04	7.03E-11	14.00	4.71E-02	4.64E-11	1,000,000	4.64E-05
241	5.5737E-07	1.1631E-07	6.05E-04	7.04E-11	14.00	4.71E-02	4.64E-11	1,000,000	4.64E-05
242	5.5737E-07	1.1619E-07	6.05E-04	7.03E-11	14.00	4.71E-02	4.64E-11	1,000,000	4.64E-05

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 3

	Cancer Risk from 2 to 14 years								
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
243	5.5737E-07	3.9641E-07	6.05E-04	2.40E-10	14.00	4.71E-02	1.58E-10	1,000,000	1.58E-04
244	5.5737E-07	4.3651E-07	6.05E-04	2.64E-10	14.00	4.71E-02	1.74E-10	1,000,000	1.74E-04
245	5.5737E-07	4.8233E-07	6.05E-04	2.92E-10	14.00	4.71E-02	1.93E-10	1,000,000	1.93E-04
246	5.5737E-07	5.3435E-07	6.05E-04	3.23E-10	14.00	4.71E-02	2.13E-10	1,000,000	2.13E-04
247	5.5737E-07	5.9322E-07	6.05E-04	3.59E-10	14.00	4.71E-02	2.37E-10	1,000,000	2.37E-04
248	5.5737E-07	6.5855E-07	6.05E-04	3.98E-10	14.00	4.71E-02	2.63E-10	1,000,000	2.63E-04
249	5.5737E-07	7.2928E-07	6.05E-04	4.41E-10	14.00	4.71E-02	2.91E-10	1,000,000	2.91E-04
250	5.5737E-07	8.0234E-07	6.05E-04	4.85E-10	14.00	4.71E-02	3.20E-10	1,000,000	3.20E-04
251	5.5737E-07	8.7276E-07	6.05E-04	5.28E-10	14.00	4.71E-02	3.49E-10	1,000,000	3.49E-04
252	5.5737E-07	3.4395E-07	6.05E-04	2.08E-10	14.00	4.71E-02	1.37E-10	1,000,000	1.37E-04
253	5.5737E-07	3.7656E-07	6.05E-04	2.28E-10	14.00	4.71E-02	1.50E-10	1,000,000	1.50E-04
254	5.5737E-07	4.1434E-07	6.05E-04	2.51E-10	14.00	4.71E-02	1.65E-10	1,000,000	1.65E-04
255	5.5737E-07	4.5827E-07	6.05E-04	2.77E-10	14.00	4.71E-02	1.83E-10	1,000,000	1.83E-04
256	5.5737E-07	5.0941E-07	6.05E-04	3.08E-10	14.00	4.71E-02	2.03E-10	1,000,000	2.03E-04
257	5.5737E-07	5.6932E-07	6.05E-04	3.44E-10	14.00	4.71E-02	2.27E-10	1,000,000	2.27E-04
258	5.5737E-07	6.3878E-07	6.05E-04	3.87E-10	14.00	4.71E-02	2.55E-10	1,000,000	2.55E-04
259	5.5737E-07	7.1941E-07	6.05E-04	4.35E-10	14.00	4.71E-02	2.87E-10	1,000,000	2.87E-04
260	5.5737E-07	8.1092E-07	6.05E-04	4.91E-10	14.00	4.71E-02	3.24E-10	1,000,000	3.24E-04
261	5.5737E-07	9.117E-07	6.05E-04	5.52E-10	14.00	4.71E-02	3.64E-10	1,000,000	3.64E-04
262	5.5737E-07	1.0163E-06	6.05E-04	6.15E-10	14.00	4.71E-02	4.06E-10	1,000,000	4.06E-04
263	5.5737E-07	3.5668E-07	6.05E-04	2.16E-10	14.00	4.71E-02	1.42E-10	1,000,000	1.42E-04
264	5.5737E-07	3.9201E-07	6.05E-04	2.37E-10	14.00	4.71E-02	1.57E-10	1,000,000	1.57E-04
265	5.5737E-07	4.3302E-07	6.05E-04	2.62E-10	14.00	4.71E-02	1.73E-10	1,000,000	1.73E-04
266	5.5737E-07	4.8129E-07	6.05E-04	2.91E-10	14.00	4.71E-02	1.92E-10	1,000,000	1.92E-04
267	5.5737E-07	5.382E-07	6.05E-04	3.26E-10	14.00	4.71E-02	2.15E-10	1,000,000	2.15E-04
268	5.5737E-07	6.0603E-07	6.05E-04	3.67E-10	14.00	4.71E-02	2.42E-10	1,000,000	2.42E-04
269	5.5737E-07	6.8653E-07	6.05E-04	4.15E-10	14.00	4.71E-02	2.74E-10	1,000,000	2.74E-04
270	5.5737E-07	7.8293E-07	6.05E-04	4.74E-10	14.00	4.71E-02	3.13E-10	1,000,000	3.13E-04
271	5.5737E-07	8.9716E-07	6.05E-04	5.43E-10	14.00	4.71E-02	3.58E-10	1,000,000	3.58E-04
272	5.5737E-07	1.0311E-06	6.05E-04	6.24E-10	14.00	4.71E-02	4.12E-10	1,000,000	4.12E-04
273	5.5737E-07	1.1826E-06	6.05E-04	7.16E-10	14.00	4.71E-02	4.72E-10	1,000,000	4.72E-04
274	5.5737E-07	1.3472E-06	6.05E-04	8.15E-10	14.00	4.71E-02	5.38E-10	1,000,000	5.38E-04
275	5.5737E-07	3.6992E-07	6.05E-04	2.24E-10	14.00	4.71E-02	1.48E-10	1,000,000	1.48E-04

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 3

	Cancer Risk from 2 to 14 years								
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
276	5.5737E-07	4.0786E-07	6.05E-04	2.47E-10	14.00	4.71E-02	1.63E-10	1,000,000	1.63E-04
277	5.5737E-07	4.5243E-07	6.05E-04	2.74E-10	14.00	4.71E-02	1.81E-10	1,000,000	1.81E-04
278	5.5737E-07	5.0525E-07	6.05E-04	3.06E-10	14.00	4.71E-02	2.02E-10	1,000,000	2.02E-04
279	5.5737E-07	5.6833E-07	6.05E-04	3.44E-10	14.00	4.71E-02	2.27E-10	1,000,000	2.27E-04
280	5.5737E-07	6.4434E-07	6.05E-04	3.90E-10	14.00	4.71E-02	2.57E-10	1,000,000	2.57E-04
281	5.5737E-07	7.3684E-07	6.05E-04	4.46E-10	14.00	4.71E-02	2.94E-10	1,000,000	2.94E-04
282	5.5737E-07	8.4986E-07	6.05E-04	5.14E-10	14.00	4.71E-02	3.39E-10	1,000,000	3.39E-04
283	5.5737E-07	9.8906E-07	6.05E-04	5.98E-10	14.00	4.71E-02	3.95E-10	1,000,000	3.95E-04
284	5.5737E-07	1.1612E-06	6.05E-04	7.03E-10	14.00	4.71E-02	4.64E-10	1,000,000	4.64E-04
285	5.5737E-07	1.3723E-06	6.05E-04	8.30E-10	14.00	4.71E-02	5.48E-10	1,000,000	5.48E-04
286	5.5737E-07	1.6233E-06	6.05E-04	9.82E-10	14.00	4.71E-02	6.48E-10	1,000,000	6.48E-04
287	5.5737E-07	3.8309E-07	6.05E-04	2.32E-10	14.00	4.71E-02	1.53E-10	1,000,000	1.53E-04
288	5.5737E-07	4.2392E-07	6.05E-04	2.56E-10	14.00	4.71E-02	1.69E-10	1,000,000	1.69E-04
289	5.5737E-07	4.7225E-07	6.05E-04	2.86E-10	14.00	4.71E-02	1.89E-10	1,000,000	1.89E-04
290	5.5737E-07	5.2986E-07	6.05E-04	3.21E-10	14.00	4.71E-02	2.12E-10	1,000,000	2.12E-04
291	5.5737E-07	5.994E-07	6.05E-04	3.63E-10	14.00	4.71E-02	2.39E-10	1,000,000	2.39E-04
292	5.5737E-07	6.8409E-07	6.05E-04	4.14E-10	14.00	4.71E-02	2.73E-10	1,000,000	2.73E-04
293	5.5737E-07	7.8884E-07	6.05E-04	4.77E-10	14.00	4.71E-02	3.15E-10	1,000,000	3.15E-04
294	5.5737E-07	9.1973E-07	6.05E-04	5.56E-10	14.00	4.71E-02	3.67E-10	1,000,000	3.67E-04
295	5.5737E-07	1.0858E-06	6.05E-04	6.57E-10	14.00	4.71E-02	4.34E-10	1,000,000	4.34E-04
296	5.5737E-07	1.2999E-06	6.05E-04	7.87E-10	14.00	4.71E-02	5.19E-10	1,000,000	5.19E-04
297	5.5737E-07	1.5804E-06	6.05E-04	9.56E-10	14.00	4.71E-02	6.31E-10	1,000,000	6.31E-04
298	5.5737E-07	1.9481E-06	6.05E-04	1.18E-09	14.00	4.71E-02	7.78E-10	1,000,000	7.78E-04
299	5.5737E-07	3.9579E-07	6.05E-04	2.39E-10	14.00	4.71E-02	1.58E-10	1,000,000	1.58E-04
300	5.5737E-07	4.3945E-07	6.05E-04	2.66E-10	14.00	4.71E-02	1.75E-10	1,000,000	1.75E-04
301	5.5737E-07	4.9149E-07	6.05E-04	2.97E-10	14.00	4.71E-02	1.96E-10	1,000,000	1.96E-04
302	5.5737E-07	5.5401E-07	6.05E-04	3.35E-10	14.00	4.71E-02	2.21E-10	1,000,000	2.21E-04
303	5.5737E-07	6.3E-07	6.05E-04	3.81E-10	14.00	4.71E-02	2.52E-10	1,000,000	2.52E-04
304	5.5737E-07	7.2387E-07	6.05E-04	4.38E-10	14.00	4.71E-02	2.89E-10	1,000,000	2.89E-04
305	5.5737E-07	8.4153E-07	6.05E-04	5.09E-10	14.00	4.71E-02	3.36E-10	1,000,000	3.36E-04
306	5.5737E-07	9.9151E-07	6.05E-04	6.00E-10	14.00	4.71E-02	3.96E-10	1,000,000	3.96E-04
307	5.5737E-07	1.1867E-06	6.05E-04	7.18E-10	14.00	4.71E-02	4.74E-10	1,000,000	4.74E-04
308	5.5737E-07	1.4476E-06	6.05E-04	8.76E-10	14.00	4.71E-02	5.78E-10	1,000,000	5.78E-04

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 3

					Cancer Risk from 2 to 14 years				
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
309	5.5737E-07	1.8073E-06	6.05E-04	1.09E-09	14.00	4.71E-02	7.22E-10	1,000,000	7.22E-04
310	5.5737E-07	2.3175E-06	6.05E-04	1.40E-09	14.00	4.71E-02	9.25E-10	1,000,000	9.25E-04
311	5.5737E-07	4.075E-07	6.05E-04	2.47E-10	14.00	4.71E-02	1.63E-10	1,000,000	1.63E-04
312	5.5737E-07	4.5384E-07	6.05E-04	2.75E-10	14.00	4.71E-02	1.81E-10	1,000,000	1.81E-04
313	5.5737E-07	5.0932E-07	6.05E-04	3.08E-10	14.00	4.71E-02	2.03E-10	1,000,000	2.03E-04
314	5.5737E-07	5.765E-07	6.05E-04	3.49E-10	14.00	4.71E-02	2.30E-10	1,000,000	2.30E-04
315	5.5737E-07	6.5895E-07	6.05E-04	3.99E-10	14.00	4.71E-02	2.63E-10	1,000,000	2.63E-04
316	5.5737E-07	7.6105E-07	6.05E-04	4.60E-10	14.00	4.71E-02	3.04E-10	1,000,000	3.04E-04
317	5.5737E-07	8.914E-07	6.05E-04	5.39E-10	14.00	4.71E-02	3.56E-10	1,000,000	3.56E-04
318	5.5737E-07	1.06E-06	6.05E-04	6.41E-10	14.00	4.71E-02	4.23E-10	1,000,000	4.23E-04
319	5.5737E-07	1.2854E-06	6.05E-04	7.78E-10	14.00	4.71E-02	5.13E-10	1,000,000	5.13E-04
320	5.5737E-07	1.5947E-06	6.05E-04	9.65E-10	14.00	4.71E-02	6.37E-10	1,000,000	6.37E-04
321	5.5737E-07	2.0373E-06	6.05E-04	1.23E-09	14.00	4.71E-02	8.14E-10	1,000,000	8.14E-04
322	5.5737E-07	2.7088E-06	6.05E-04	1.64E-09	14.00	4.71E-02	1.08E-09	1,000,000	1.08E-03
323	5.5737E-07	4.1792E-07	6.05E-04	2.53E-10	14.00	4.71E-02	1.67E-10	1,000,000	1.67E-04
324	5.5737E-07	4.6682E-07	6.05E-04	2.82E-10	14.00	4.71E-02	1.86E-10	1,000,000	1.86E-04
325	5.5737E-07	5.2553E-07	6.05E-04	3.18E-10	14.00	4.71E-02	2.10E-10	1,000,000	2.10E-04
326	5.5737E-07	5.9639E-07	6.05E-04	3.61E-10	14.00	4.71E-02	2.38E-10	1,000,000	2.38E-04
327	5.5737E-07	6.849E-07	6.05E-04	4.14E-10	14.00	4.71E-02	2.74E-10	1,000,000	2.74E-04
328	5.5737E-07	7.9515E-07	6.05E-04	4.81E-10	14.00	4.71E-02	3.18E-10	1,000,000	3.18E-04
329	5.5737E-07	9.3714E-07	6.05E-04	5.67E-10	14.00	4.71E-02	3.74E-10	1,000,000	3.74E-04
330	5.5737E-07	1.1225E-06	6.05E-04	6.79E-10	14.00	4.71E-02	4.48E-10	1,000,000	4.48E-04
331	5.5737E-07	1.3729E-06	6.05E-04	8.31E-10	14.00	4.71E-02	5.48E-10	1,000,000	5.48E-04
332	5.5737E-07	1.726E-06	6.05E-04	1.04E-09	14.00	4.71E-02	6.89E-10	1,000,000	6.89E-04
333	5.5737E-07	2.2476E-06	6.05E-04	1.36E-09	14.00	4.71E-02	8.98E-10	1,000,000	8.98E-04
334	5.5737E-07	3.073E-06	6.05E-04	1.86E-09	14.00	4.71E-02	1.23E-09	1,000,000	1.23E-03
335	5.5737E-07	4.2687E-07	6.05E-04	2.58E-10	14.00	4.71E-02	1.70E-10	1,000,000	1.70E-04
336	5.5737E-07	4.7796E-07	6.05E-04	2.89E-10	14.00	4.71E-02	1.91E-10	1,000,000	1.91E-04
337	5.5737E-07	5.394E-07	6.05E-04	3.26E-10	14.00	4.71E-02	2.15E-10	1,000,000	2.15E-04
338	5.5737E-07	6.1346E-07	6.05E-04	3.71E-10	14.00	4.71E-02	2.45E-10	1,000,000	2.45E-04
339	5.5737E-07	7.0696E-07	6.05E-04	4.28E-10	14.00	4.71E-02	2.82E-10	1,000,000	2.82E-04
340	5.5737E-07	8.2387E-07	6.05E-04	4.98E-10	14.00	4.71E-02	3.29E-10	1,000,000	3.29E-04
341	5.5737E-07	9.767E-07	6.05E-04	5.91E-10	14.00	4.71E-02	3.90E-10	1,000,000	3.90E-04

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 3

	Cancer Risk 14 to 30 years												
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million	Total Risk		Max	Receptor #
1	5.57E-07	6.5151E-08	2.50E-04	1.63E-11	1.40E+01	1.15E-02	2.62E-12	1.0E+06	2.6E-06	5.1E-05	Res	0.001	1
2	5.5737E-07	6.0424E-08	2.50E-04	1.51E-11	14.00	1.15E-02	2.43E-12	1,000,000	2.43E-06	4.7E-05			
3	5.5737E-07	6.1076E-08	2.50E-04	1.53E-11	14.00	1.15E-02	2.45E-12	1,000,000	2.45E-06	4.8E-05			
4	5.5737E-07	6.2264E-08	2.50E-04	1.56E-11	14.00	1.15E-02	2.50E-12	1,000,000	2.50E-06	4.9E-05			
5	5.5737E-07	6.3462E-08	2.50E-04	1.59E-11	14.00	1.15E-02	2.55E-12	1,000,000	2.55E-06	5.0E-05			
6	5.5737E-07	6.4203E-08	2.50E-04	1.61E-11	14.00	1.15E-02	2.58E-12	1,000,000	2.58E-06	5.0E-05			
7	5.5737E-07	6.5546E-08	2.50E-04	1.64E-11	14.00	1.15E-02	2.63E-12	1,000,000	2.63E-06	5.1E-05			
8	5.5737E-07	5.4132E-08	2.50E-04	1.35E-11	14.00	1.15E-02	2.18E-12	1,000,000	2.18E-06	4.2E-05			
9	5.5737E-07	5.3741E-08	2.50E-04	1.35E-11	14.00	1.15E-02	2.16E-12	1,000,000	2.16E-06	4.2E-05			
10	5.5737E-07	5.3307E-08	2.50E-04	1.33E-11	14.00	1.15E-02	2.14E-12	1,000,000	2.14E-06	4.2E-05			
11	5.5737E-07	5.2883E-08	2.50E-04	1.32E-11	14.00	1.15E-02	2.13E-12	1,000,000	2.13E-06	4.1E-05			
12	5.5737E-07	5.2493E-08	2.50E-04	1.31E-11	14.00	1.15E-02	2.11E-12	1,000,000	2.11E-06	4.1E-05			
13	5.5737E-07	5.2119E-08	2.50E-04	1.30E-11	14.00	1.15E-02	2.09E-12	1,000,000	2.09E-06	4.1E-05			
14	5.5737E-07	5.1779E-08	2.50E-04	1.30E-11	14.00	1.15E-02	2.08E-12	1,000,000	2.08E-06	4.0E-05			
15	5.5737E-07	5.1456E-08	2.50E-04	1.29E-11	14.00	1.15E-02	2.07E-12	1,000,000	2.07E-06	4.0E-05			
16	5.5737E-07	5.5949E-08	2.50E-04	1.40E-11	14.00	1.15E-02	2.25E-12	1,000,000	2.25E-06	4.4E-05			
17	5.5737E-07	5.5536E-08	2.50E-04	1.39E-11	14.00	1.15E-02	2.23E-12	1,000,000	2.23E-06	4.3E-05			
18	5.5737E-07	5.5079E-08	2.50E-04	1.38E-11	14.00	1.15E-02	2.21E-12	1,000,000	2.21E-06	4.3E-05			
19	5.5737E-07	5.4639E-08	2.50E-04	1.37E-11	14.00	1.15E-02	2.20E-12	1,000,000	2.20E-06	4.3E-05			
20	5.5737E-07	5.4232E-08	2.50E-04	1.36E-11	14.00	1.15E-02	2.18E-12	1,000,000	2.18E-06	4.2E-05			
21	5.5737E-07	5.3831E-08	2.50E-04	1.35E-11	14.00	1.15E-02	2.16E-12	1,000,000	2.16E-06	4.2E-05			
22	5.5737E-07	5.3463E-08	2.50E-04	1.34E-11	14.00	1.15E-02	2.15E-12	1,000,000	2.15E-06	4.2E-05			
23	5.5737E-07	5.3134E-08	2.50E-04	1.33E-11	14.00	1.15E-02	2.14E-12	1,000,000	2.14E-06	4.2E-05			
24	5.5737E-07	5.6952E-08	2.50E-04	1.43E-11	14.00	1.15E-02	2.29E-12	1,000,000	2.29E-06	4.5E-05			
25	5.5737E-07	5.6495E-08	2.50E-04	1.41E-11	14.00	1.15E-02	2.27E-12	1,000,000	2.27E-06	4.4E-05			
26	5.5737E-07	5.6077E-08	2.50E-04	1.40E-11	14.00	1.15E-02	2.25E-12	1,000,000	2.25E-06	4.4E-05			
27	5.5737E-07	5.5653E-08	2.50E-04	1.39E-11	14.00	1.15E-02	2.24E-12	1,000,000	2.24E-06	4.4E-05			
28	5.5737E-07	5.5257E-08	2.50E-04	1.38E-11	14.00	1.15E-02	2.22E-12	1,000,000	2.22E-06	4.3E-05			
29	5.5737E-07	5.4912E-08	2.50E-04	1.37E-11	14.00	1.15E-02	2.21E-12	1,000,000	2.21E-06	4.3E-05			
30	5.5737E-07	5.8936E-08	2.50E-04	1.48E-11	14.00	1.15E-02	2.37E-12	1,000,000	2.37E-06	4.6E-05			
31	5.5737E-07	5.8451E-08	2.50E-04	1.46E-11	14.00	1.15E-02	2.35E-12	1,000,000	2.35E-06	4.6E-05			
32	5.5737E-07	5.8016E-08	2.50E-04	1.45E-11	14.00	1.15E-02	2.33E-12	1,000,000	2.33E-06	4.5E-05			
33	5.5737E-07	5.757E-08	2.50E-04	1.44E-11	14.00	1.15E-02	2.31E-12	1,000,000	2.31E-06	4.5E-05			

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 3

	Cancer Risk 14 to 30 years												
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million	Total Risk		Max	Receptor #
34	5.5737E-07	5.7152E-08	2.50E-04	1.43E-11	14.00	1.15E-02	2.30E-12	1,000,000	2.30E-06	4.5E-05			
35	5.5737E-07	5.6785E-08	2.50E-04	1.42E-11	14.00	1.15E-02	2.28E-12	1,000,000	2.28E-06	4.4E-05			
36	5.5737E-07	6.1021E-08	2.50E-04	1.53E-11	14.00	1.15E-02	2.45E-12	1,000,000	2.45E-06	4.8E-05			
37	5.5737E-07	6.0519E-08	2.50E-04	1.51E-11	14.00	1.15E-02	2.43E-12	1,000,000	2.43E-06	4.7E-05			
38	5.5737E-07	6.0062E-08	2.50E-04	1.50E-11	14.00	1.15E-02	2.41E-12	1,000,000	2.41E-06	4.7E-05			
39	5.5737E-07	5.9594E-08	2.50E-04	1.49E-11	14.00	1.15E-02	2.40E-12	1,000,000	2.40E-06	4.7E-05			
40	5.5737E-07	5.9148E-08	2.50E-04	1.48E-11	14.00	1.15E-02	2.38E-12	1,000,000	2.38E-06	4.6E-05			
41	5.5737E-07	5.8763E-08	2.50E-04	1.47E-11	14.00	1.15E-02	2.36E-12	1,000,000	2.36E-06	4.6E-05			
42	5.5737E-07	6.6533E-08	2.50E-04	1.67E-11	14.00	1.15E-02	2.67E-12	1,000,000	2.67E-06	5.2E-05			
43	5.5737E-07	6.6572E-08	2.50E-04	1.67E-11	14.00	1.15E-02	2.68E-12	1,000,000	2.68E-06	5.2E-05			
44	5.5737E-07	6.6539E-08	2.50E-04	1.67E-11	14.00	1.15E-02	2.67E-12	1,000,000	2.67E-06	5.2E-05			
45	5.5737E-07	6.6444E-08	2.50E-04	1.66E-11	14.00	1.15E-02	2.67E-12	1,000,000	2.67E-06	5.2E-05			
46	5.5737E-07	6.6304E-08	2.50E-04	1.66E-11	14.00	1.15E-02	2.67E-12	1,000,000	2.67E-06	5.2E-05			
47	5.5737E-07	6.6115E-08	2.50E-04	1.65E-11	14.00	1.15E-02	2.66E-12	1,000,000	2.66E-06	5.2E-05			
48	5.5737E-07	6.5836E-08	2.50E-04	1.65E-11	14.00	1.15E-02	2.65E-12	1,000,000	2.65E-06	5.1E-05			
49	5.5737E-07	6.3233E-08	2.50E-04	1.58E-11	14.00	1.15E-02	2.54E-12	1,000,000	2.54E-06	4.9E-05			
50	5.5737E-07	6.2709E-08	2.50E-04	1.57E-11	14.00	1.15E-02	2.52E-12	1,000,000	2.52E-06	4.9E-05			
51	5.5737E-07	6.2225E-08	2.50E-04	1.56E-11	14.00	1.15E-02	2.50E-12	1,000,000	2.50E-06	4.9E-05			
52	5.5737E-07	6.174E-08	2.50E-04	1.55E-11	14.00	1.15E-02	2.48E-12	1,000,000	2.48E-06	4.8E-05			
53	5.5737E-07	6.1271E-08	2.50E-04	1.53E-11	14.00	1.15E-02	2.46E-12	1,000,000	2.46E-06	4.8E-05			
54	5.5737E-07	6.087E-08	2.50E-04	1.52E-11	14.00	1.15E-02	2.45E-12	1,000,000	2.45E-06	4.8E-05			
55	5.5737E-07	6.8428E-08	2.50E-04	1.71E-11	14.00	1.15E-02	2.75E-12	1,000,000	2.75E-06	5.3E-05			
56	5.5737E-07	6.8668E-08	2.50E-04	1.72E-11	14.00	1.15E-02	2.76E-12	1,000,000	2.76E-06	5.4E-05			
57	5.5737E-07	6.8768E-08	2.50E-04	1.72E-11	14.00	1.15E-02	2.76E-12	1,000,000	2.76E-06	5.4E-05			
58	5.5737E-07	6.8813E-08	2.50E-04	1.72E-11	14.00	1.15E-02	2.77E-12	1,000,000	2.77E-06	5.4E-05			
59	5.5737E-07	6.8757E-08	2.50E-04	1.72E-11	14.00	1.15E-02	2.76E-12	1,000,000	2.76E-06	5.4E-05			
60	5.5737E-07	6.8629E-08	2.50E-04	1.72E-11	14.00	1.15E-02	2.76E-12	1,000,000	2.76E-06	5.4E-05			
61	5.5737E-07	6.8467E-08	2.50E-04	1.71E-11	14.00	1.15E-02	2.75E-12	1,000,000	2.75E-06	5.4E-05			
62	5.5737E-07	6.8216E-08	2.50E-04	1.71E-11	14.00	1.15E-02	2.74E-12	1,000,000	2.74E-06	5.3E-05			
63	5.5737E-07	6.7876E-08	2.50E-04	1.70E-11	14.00	1.15E-02	2.73E-12	1,000,000	2.73E-06	5.3E-05			
64	5.5737E-07	6.5585E-08	2.50E-04	1.64E-11	14.00	1.15E-02	2.64E-12	1,000,000	2.64E-06	5.1E-05			
65	5.5737E-07	6.5034E-08	2.50E-04	1.63E-11	14.00	1.15E-02	2.61E-12	1,000,000	2.61E-06	5.1E-05			
66	5.5737E-07	6.4515E-08	2.50E-04	1.61E-11	14.00	1.15E-02	2.59E-12	1,000,000	2.59E-06	5.0E-05			

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 3

	Cancer Risk 14 to 30 years												
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million	Total Risk		Max	Receptor #
67	5.5737E-07	6.4014E-08	2.50E-04	1.60E-11	14.00	1.15E-02	2.57E-12	1,000,000	2.57E-06	5.0E-05			
68	5.5737E-07	6.3518E-08	2.50E-04	1.59E-11	14.00	1.15E-02	2.55E-12	1,000,000	2.55E-06	5.0E-05			
69	5.5737E-07	6.3088E-08	2.50E-04	1.58E-11	14.00	1.15E-02	2.54E-12	1,000,000	2.54E-06	4.9E-05			
70	5.5737E-07	7.0914E-08	2.50E-04	1.77E-11	14.00	1.15E-02	2.85E-12	1,000,000	2.85E-06	5.5E-05			
71	5.5737E-07	7.1064E-08	2.50E-04	1.78E-11	14.00	1.15E-02	2.86E-12	1,000,000	2.86E-06	5.6E-05			
72	5.5737E-07	7.1159E-08	2.50E-04	1.78E-11	14.00	1.15E-02	2.86E-12	1,000,000	2.86E-06	5.6E-05			
73	5.5737E-07	7.1181E-08	2.50E-04	1.78E-11	14.00	1.15E-02	2.86E-12	1,000,000	2.86E-06	5.6E-05			
74	5.5737E-07	7.1087E-08	2.50E-04	1.78E-11	14.00	1.15E-02	2.86E-12	1,000,000	2.86E-06	5.6E-05			
75	5.5737E-07	7.0925E-08	2.50E-04	1.78E-11	14.00	1.15E-02	2.85E-12	1,000,000	2.85E-06	5.5E-05			
76	5.5737E-07	7.073E-08	2.50E-04	1.77E-11	14.00	1.15E-02	2.84E-12	1,000,000	2.84E-06	5.5E-05			
77	5.5737E-07	7.0401E-08	2.50E-04	1.76E-11	14.00	1.15E-02	2.83E-12	1,000,000	2.83E-06	5.5E-05			
78	5.5737E-07	6.7514E-08	2.50E-04	1.69E-11	14.00	1.15E-02	2.71E-12	1,000,000	2.71E-06	5.3E-05			
79	5.5737E-07	6.699E-08	2.50E-04	1.68E-11	14.00	1.15E-02	2.69E-12	1,000,000	2.69E-06	5.2E-05			
80	5.5737E-07	6.6455E-08	2.50E-04	1.66E-11	14.00	1.15E-02	2.67E-12	1,000,000	2.67E-06	5.2E-05			
81	5.5737E-07	6.5937E-08	2.50E-04	1.65E-11	14.00	1.15E-02	2.65E-12	1,000,000	2.65E-06	5.2E-05			
82	5.5737E-07	6.548E-08	2.50E-04	1.64E-11	14.00	1.15E-02	2.63E-12	1,000,000	2.63E-06	5.1E-05			
83	5.5737E-07	7.3188E-08	2.50E-04	1.83E-11	14.00	1.15E-02	2.94E-12	1,000,000	2.94E-06	5.7E-05			
84	5.5737E-07	7.3478E-08	2.50E-04	1.84E-11	14.00	1.15E-02	2.95E-12	1,000,000	2.95E-06	5.7E-05			
85	5.5737E-07	7.3617E-08	2.50E-04	1.84E-11	14.00	1.15E-02	2.96E-12	1,000,000	2.96E-06	5.8E-05			
86	5.5737E-07	7.3701E-08	2.50E-04	1.84E-11	14.00	1.15E-02	2.96E-12	1,000,000	2.96E-06	5.8E-05			
87	5.5737E-07	7.3673E-08	2.50E-04	1.84E-11	14.00	1.15E-02	2.96E-12	1,000,000	2.96E-06	5.8E-05			
88	5.5737E-07	7.3545E-08	2.50E-04	1.84E-11	14.00	1.15E-02	2.96E-12	1,000,000	2.96E-06	5.7E-05			
89	5.5737E-07	7.3366E-08	2.50E-04	1.84E-11	14.00	1.15E-02	2.95E-12	1,000,000	2.95E-06	5.7E-05			
90	5.5737E-07	7.3082E-08	2.50E-04	1.83E-11	14.00	1.15E-02	2.94E-12	1,000,000	2.94E-06	5.7E-05			
91	5.5737E-07	7.2697E-08	2.50E-04	1.82E-11	14.00	1.15E-02	2.92E-12	1,000,000	2.92E-06	5.7E-05			
92	5.5737E-07	7.0741E-08	2.50E-04	1.77E-11	14.00	1.15E-02	2.84E-12	1,000,000	2.84E-06	5.5E-05			
93	5.5737E-07	7.0161E-08	2.50E-04	1.76E-11	14.00	1.15E-02	2.82E-12	1,000,000	2.82E-06	5.5E-05			
94	5.5737E-07	6.961E-08	2.50E-04	1.74E-11	14.00	1.15E-02	2.80E-12	1,000,000	2.80E-06	5.4E-05			
95	5.5737E-07	6.9047E-08	2.50E-04	1.73E-11	14.00	1.15E-02	2.78E-12	1,000,000	2.78E-06	5.4E-05			
96	5.5737E-07	6.8506E-08	2.50E-04	1.71E-11	14.00	1.15E-02	2.75E-12	1,000,000	2.75E-06	5.4E-05			
97	5.5737E-07	6.8021E-08	2.50E-04	1.70E-11	14.00	1.15E-02	2.73E-12	1,000,000	2.73E-06	5.3E-05			
98	5.5737E-07	7.6008E-08	2.50E-04	1.90E-11	14.00	1.15E-02	3.06E-12	1,000,000	3.06E-06	5.9E-05			
99	5.5737E-07	7.6198E-08	2.50E-04	1.91E-11	14.00	1.15E-02	3.06E-12	1,000,000	3.06E-06	6.0E-05			

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 3

	Cancer Risk 14 to 30 years												
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million	Total Risk		Max	Receptor #
100	5.5737E-07	7.6326E-08	2.50E-04	1.91E-11	14.00	1.15E-02	3.07E-12	1,000,000	3.07E-06	6.0E-05			
101	5.5737E-07	7.6404E-08	2.50E-04	1.91E-11	14.00	1.15E-02	3.07E-12	1,000,000	3.07E-06	6.0E-05			
102	5.5737E-07	7.6309E-08	2.50E-04	1.91E-11	14.00	1.15E-02	3.07E-12	1,000,000	3.07E-06	6.0E-05			
103	5.5737E-07	7.6142E-08	2.50E-04	1.91E-11	14.00	1.15E-02	3.06E-12	1,000,000	3.06E-06	6.0E-05			
104	5.5737E-07	7.5908E-08	2.50E-04	1.90E-11	14.00	1.15E-02	3.05E-12	1,000,000	3.05E-06	5.9E-05			
105	5.5737E-07	7.5529E-08	2.50E-04	1.89E-11	14.00	1.15E-02	3.04E-12	1,000,000	3.04E-06	5.9E-05			
106	5.5737E-07	7.355E-08	2.50E-04	1.84E-11	14.00	1.15E-02	2.96E-12	1,000,000	2.96E-06	5.7E-05			
107	5.5737E-07	7.2965E-08	2.50E-04	1.83E-11	14.00	1.15E-02	2.93E-12	1,000,000	2.93E-06	5.7E-05			
108	5.5737E-07	7.2385E-08	2.50E-04	1.81E-11	14.00	1.15E-02	2.91E-12	1,000,000	2.91E-06	5.7E-05			
109	5.5737E-07	7.1811E-08	2.50E-04	1.80E-11	14.00	1.15E-02	2.89E-12	1,000,000	2.89E-06	5.6E-05			
110	5.5737E-07	7.1248E-08	2.50E-04	1.78E-11	14.00	1.15E-02	2.86E-12	1,000,000	2.86E-06	5.6E-05			
111	5.5737E-07	7.0741E-08	2.50E-04	1.77E-11	14.00	1.15E-02	2.84E-12	1,000,000	2.84E-06	5.5E-05			
112	5.5737E-07	7.8929E-08	2.50E-04	1.98E-11	14.00	1.15E-02	3.17E-12	1,000,000	3.17E-06	6.2E-05			
113	5.5737E-07	7.9113E-08	2.50E-04	1.98E-11	14.00	1.15E-02	3.18E-12	1,000,000	3.18E-06	6.2E-05			
114	5.5737E-07	7.9247E-08	2.50E-04	1.98E-11	14.00	1.15E-02	3.19E-12	1,000,000	3.19E-06	6.2E-05			
115	5.5737E-07	7.9235E-08	2.50E-04	1.98E-11	14.00	1.15E-02	3.18E-12	1,000,000	3.18E-06	6.2E-05			
116	5.5737E-07	7.9085E-08	2.50E-04	1.98E-11	14.00	1.15E-02	3.18E-12	1,000,000	3.18E-06	6.2E-05			
117	5.5737E-07	7.8879E-08	2.50E-04	1.97E-11	14.00	1.15E-02	3.17E-12	1,000,000	3.17E-06	6.2E-05			
118	5.5737E-07	7.8555E-08	2.50E-04	1.97E-11	14.00	1.15E-02	3.16E-12	1,000,000	3.16E-06	6.1E-05			
119	5.5737E-07	7.8121E-08	2.50E-04	1.96E-11	14.00	1.15E-02	3.14E-12	1,000,000	3.14E-06	6.1E-05			
120	5.5737E-07	7.6515E-08	2.50E-04	1.91E-11	14.00	1.15E-02	3.08E-12	1,000,000	3.08E-06	6.0E-05			
121	5.5737E-07	7.5952E-08	2.50E-04	1.90E-11	14.00	1.15E-02	3.05E-12	1,000,000	3.05E-06	5.9E-05			
122	5.5737E-07	7.5339E-08	2.50E-04	1.89E-11	14.00	1.15E-02	3.03E-12	1,000,000	3.03E-06	5.9E-05			
123	5.5737E-07	7.4749E-08	2.50E-04	1.87E-11	14.00	1.15E-02	3.00E-12	1,000,000	3.00E-06	5.8E-05			
124	5.5737E-07	7.4174E-08	2.50E-04	1.86E-11	14.00	1.15E-02	2.98E-12	1,000,000	2.98E-06	5.8E-05			
125	5.5737E-07	7.3639E-08	2.50E-04	1.84E-11	14.00	1.15E-02	2.96E-12	1,000,000	2.96E-06	5.8E-05			
126	5.5737E-07	8.1805E-08	2.50E-04	2.05E-11	14.00	1.15E-02	3.29E-12	1,000,000	3.29E-06	6.4E-05			
127	5.5737E-07	8.2078E-08	2.50E-04	2.05E-11	14.00	1.15E-02	3.30E-12	1,000,000	3.30E-06	6.4E-05			
128	5.5737E-07	8.2228E-08	2.50E-04	2.06E-11	14.00	1.15E-02	3.31E-12	1,000,000	3.31E-06	6.4E-05			
129	5.5737E-07	8.2318E-08	2.50E-04	2.06E-11	14.00	1.15E-02	3.31E-12	1,000,000	3.31E-06	6.4E-05			
130	5.5737E-07	8.2217E-08	2.50E-04	2.06E-11	14.00	1.15E-02	3.30E-12	1,000,000	3.30E-06	6.4E-05			
131	5.5737E-07	8.2022E-08	2.50E-04	2.05E-11	14.00	1.15E-02	3.30E-12	1,000,000	3.30E-06	6.4E-05			
132	5.5737E-07	8.176E-08	2.50E-04	2.05E-11	14.00	1.15E-02	3.29E-12	1,000,000	3.29E-06	6.4E-05			

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 3

	Cancer Risk 14 to 30 years												
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million	Total Risk		Max	Receptor #
133	5.5737E-07	8.1337E-08	2.50E-04	2.04E-11	14.00	1.15E-02	3.27E-12	1,000,000	3.27E-06	6.4E-05			
134	5.5737E-07	7.9196E-08	2.50E-04	1.98E-11	14.00	1.15E-02	3.18E-12	1,000,000	3.18E-06	6.2E-05			
135	5.5737E-07	7.8533E-08	2.50E-04	1.97E-11	14.00	1.15E-02	3.16E-12	1,000,000	3.16E-06	6.1E-05			
136	5.5737E-07	7.7892E-08	2.50E-04	1.95E-11	14.00	1.15E-02	3.13E-12	1,000,000	3.13E-06	6.1E-05			
137	5.5737E-07	7.7296E-08	2.50E-04	1.93E-11	14.00	1.15E-02	3.11E-12	1,000,000	3.11E-06	6.0E-05			
138	5.5737E-07	7.6744E-08	2.50E-04	1.92E-11	14.00	1.15E-02	3.08E-12	1,000,000	3.08E-06	6.0E-05			
139	5.5737E-07	8.5188E-08	2.50E-04	2.13E-11	14.00	1.15E-02	3.42E-12	1,000,000	3.42E-06	6.7E-05			
140	5.5737E-07	8.54E-08	2.50E-04	2.14E-11	14.00	1.15E-02	3.43E-12	1,000,000	3.43E-06	6.7E-05			
141	5.5737E-07	8.5539E-08	2.50E-04	2.14E-11	14.00	1.15E-02	3.44E-12	1,000,000	3.44E-06	6.7E-05			
142	5.5737E-07	8.5534E-08	2.50E-04	2.14E-11	14.00	1.15E-02	3.44E-12	1,000,000	3.44E-06	6.7E-05			
143	5.5737E-07	8.5366E-08	2.50E-04	2.14E-11	14.00	1.15E-02	3.43E-12	1,000,000	3.43E-06	6.7E-05			
144	5.5737E-07	8.5132E-08	2.50E-04	2.13E-11	14.00	1.15E-02	3.42E-12	1,000,000	3.42E-06	6.7E-05			
145	5.5737E-07	8.4781E-08	2.50E-04	2.12E-11	14.00	1.15E-02	3.41E-12	1,000,000	3.41E-06	6.6E-05			
146	5.5737E-07	8.4296E-08	2.50E-04	2.11E-11	14.00	1.15E-02	3.39E-12	1,000,000	3.39E-06	6.6E-05			
147	5.5737E-07	8.2602E-08	2.50E-04	2.07E-11	14.00	1.15E-02	3.32E-12	1,000,000	3.32E-06	6.5E-05			
148	5.5737E-07	8.1933E-08	2.50E-04	2.05E-11	14.00	1.15E-02	3.29E-12	1,000,000	3.29E-06	6.4E-05			
149	5.5737E-07	8.1275E-08	2.50E-04	2.03E-11	14.00	1.15E-02	3.27E-12	1,000,000	3.27E-06	6.4E-05			
150	5.5737E-07	8.064E-08	2.50E-04	2.02E-11	14.00	1.15E-02	3.24E-12	1,000,000	3.24E-06	6.3E-05			
151	5.5737E-07	8.0055E-08	2.50E-04	2.00E-11	14.00	1.15E-02	3.22E-12	1,000,000	3.22E-06	6.3E-05			
152	5.5737E-07	8.8432E-08	2.50E-04	2.21E-11	14.00	1.15E-02	3.55E-12	1,000,000	3.55E-06	6.9E-05			
153	5.5737E-07	8.8755E-08	2.50E-04	2.22E-11	14.00	1.15E-02	3.57E-12	1,000,000	3.57E-06	6.9E-05			
154	5.5737E-07	8.895E-08	2.50E-04	2.23E-11	14.00	1.15E-02	3.58E-12	1,000,000	3.58E-06	7.0E-05			
155	5.5737E-07	8.9039E-08	2.50E-04	2.23E-11	14.00	1.15E-02	3.58E-12	1,000,000	3.58E-06	7.0E-05			
156	5.5737E-07	8.8945E-08	2.50E-04	2.23E-11	14.00	1.15E-02	3.58E-12	1,000,000	3.58E-06	7.0E-05			
157	5.5737E-07	8.8722E-08	2.50E-04	2.22E-11	14.00	1.15E-02	3.57E-12	1,000,000	3.57E-06	6.9E-05			
158	5.5737E-07	8.841E-08	2.50E-04	2.21E-11	14.00	1.15E-02	3.55E-12	1,000,000	3.55E-06	6.9E-05			
159	5.5737E-07	8.7986E-08	2.50E-04	2.20E-11	14.00	1.15E-02	3.54E-12	1,000,000	3.54E-06	6.9E-05			
160	5.5737E-07	8.7501E-08	2.50E-04	2.19E-11	14.00	1.15E-02	3.52E-12	1,000,000	3.52E-06	6.8E-05			
161	5.5737E-07	8.691E-08	2.50E-04	2.18E-11	14.00	1.15E-02	3.49E-12	1,000,000	3.49E-06	6.8E-05			
162	5.5737E-07	8.6286E-08	2.50E-04	2.16E-11	14.00	1.15E-02	3.47E-12	1,000,000	3.47E-06	6.7E-05			
163	5.5737E-07	8.5617E-08	2.50E-04	2.14E-11	14.00	1.15E-02	3.44E-12	1,000,000	3.44E-06	6.7E-05			
164	5.5737E-07	8.4926E-08	2.50E-04	2.13E-11	14.00	1.15E-02	3.41E-12	1,000,000	3.41E-06	6.6E-05			
165	5.5737E-07	8.4224E-08	2.50E-04	2.11E-11	14.00	1.15E-02	3.39E-12	1,000,000	3.39E-06	6.6E-05			

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 3

	Cancer Risk 14 to 30 years												
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million	Total Risk		Max	Receptor #
166	5.5737E-07	8.3583E-08	2.50E-04	2.09E-11	14.00	1.15E-02	3.36E-12	1,000,000	3.36E-06	6.5E-05			
167	5.5737E-07	9.2294E-08	2.50E-04	2.31E-11	14.00	1.15E-02	3.71E-12	1,000,000	3.71E-06	7.2E-05			
168	5.5737E-07	9.2568E-08	2.50E-04	2.32E-11	14.00	1.15E-02	3.72E-12	1,000,000	3.72E-06	7.2E-05			
169	5.5737E-07	9.2729E-08	2.50E-04	2.32E-11	14.00	1.15E-02	3.73E-12	1,000,000	3.73E-06	7.2E-05			
170	5.5737E-07	9.2752E-08	2.50E-04	2.32E-11	14.00	1.15E-02	3.73E-12	1,000,000	3.73E-06	7.2E-05			
171	5.5737E-07	9.259E-08	2.50E-04	2.32E-11	14.00	1.15E-02	3.72E-12	1,000,000	3.72E-06	7.2E-05			
172	5.5737E-07	9.2328E-08	2.50E-04	2.31E-11	14.00	1.15E-02	3.71E-12	1,000,000	3.71E-06	7.2E-05			
173	5.5737E-07	9.1966E-08	2.50E-04	2.30E-11	14.00	1.15E-02	3.70E-12	1,000,000	3.70E-06	7.2E-05			
174	5.5737E-07	9.1514E-08	2.50E-04	2.29E-11	14.00	1.15E-02	3.68E-12	1,000,000	3.68E-06	7.2E-05			
175	5.5737E-07	9.0912E-08	2.50E-04	2.28E-11	14.00	1.15E-02	3.65E-12	1,000,000	3.65E-06	7.1E-05			
176	5.5737E-07	9.0266E-08	2.50E-04	2.26E-11	14.00	1.15E-02	3.63E-12	1,000,000	3.63E-06	7.1E-05			
177	5.5737E-07	8.9563E-08	2.50E-04	2.24E-11	14.00	1.15E-02	3.60E-12	1,000,000	3.60E-06	7.0E-05			
178	5.5737E-07	8.8822E-08	2.50E-04	2.22E-11	14.00	1.15E-02	3.57E-12	1,000,000	3.57E-06	6.9E-05			
179	5.5737E-07	8.807E-08	2.50E-04	2.20E-11	14.00	1.15E-02	3.54E-12	1,000,000	3.54E-06	6.9E-05			
180	5.5737E-07	8.7395E-08	2.50E-04	2.19E-11	14.00	1.15E-02	3.51E-12	1,000,000	3.51E-06	6.8E-05			
181	5.5737E-07	9.5934E-08	2.50E-04	2.40E-11	14.00	1.15E-02	3.86E-12	1,000,000	3.86E-06	7.5E-05			
182	5.5737E-07	9.6402E-08	2.50E-04	2.41E-11	14.00	1.15E-02	3.87E-12	1,000,000	3.87E-06	7.5E-05			
183	5.5737E-07	9.6642E-08	2.50E-04	2.42E-11	14.00	1.15E-02	3.88E-12	1,000,000	3.88E-06	7.6E-05			
184	5.5737E-07	9.6759E-08	2.50E-04	2.42E-11	14.00	1.15E-02	3.89E-12	1,000,000	3.89E-06	7.6E-05			
185	5.5737E-07	9.6703E-08	2.50E-04	2.42E-11	14.00	1.15E-02	3.89E-12	1,000,000	3.89E-06	7.6E-05			
186	5.5737E-07	9.6491E-08	2.50E-04	2.41E-11	14.00	1.15E-02	3.88E-12	1,000,000	3.88E-06	7.5E-05			
187	5.5737E-07	9.6168E-08	2.50E-04	2.41E-11	14.00	1.15E-02	3.87E-12	1,000,000	3.87E-06	7.5E-05			
188	5.5737E-07	9.5711E-08	2.50E-04	2.40E-11	14.00	1.15E-02	3.85E-12	1,000,000	3.85E-06	7.5E-05			
189	5.5737E-07	9.5131E-08	2.50E-04	2.38E-11	14.00	1.15E-02	3.82E-12	1,000,000	3.82E-06	7.4E-05			
190	5.5737E-07	9.4468E-08	2.50E-04	2.36E-11	14.00	1.15E-02	3.80E-12	1,000,000	3.80E-06	7.4E-05			
191	5.5737E-07	9.3744E-08	2.50E-04	2.35E-11	14.00	1.15E-02	3.77E-12	1,000,000	3.77E-06	7.3E-05			
192	5.5737E-07	9.2991E-08	2.50E-04	2.33E-11	14.00	1.15E-02	3.74E-12	1,000,000	3.74E-06	7.3E-05			
193	5.5737E-07	9.2216E-08	2.50E-04	2.31E-11	14.00	1.15E-02	3.71E-12	1,000,000	3.71E-06	7.2E-05			
194	5.5737E-07	9.152E-08	2.50E-04	2.29E-11	14.00	1.15E-02	3.68E-12	1,000,000	3.68E-06	7.2E-05			
195	5.5737E-07	1.0047E-07	2.50E-04	2.51E-11	14.00	1.15E-02	4.04E-12	1,000,000	4.04E-06	7.9E-05			
196	5.5737E-07	1.0081E-07	2.50E-04	2.52E-11	14.00	1.15E-02	4.05E-12	1,000,000	4.05E-06	7.9E-05			
197	5.5737E-07	1.0101E-07	2.50E-04	2.53E-11	14.00	1.15E-02	4.06E-12	1,000,000	4.06E-06	7.9E-05			
198	5.5737E-07	1.011E-07	2.50E-04	2.53E-11	14.00	1.15E-02	4.06E-12	1,000,000	4.06E-06	7.9E-05			

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 3

	Cancer Risk 14 to 30 years												
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million	Total Risk		Max	Receptor #
199	5.5737E-07	1.0097E-07	2.50E-04	2.53E-11	14.00	1.15E-02	4.06E-12	1,000,000	4.06E-06	7.9E-05			
200	5.5737E-07	1.0069E-07	2.50E-04	2.52E-11	14.00	1.15E-02	4.05E-12	1,000,000	4.05E-06	7.9E-05			
201	5.5737E-07	1.0026E-07	2.50E-04	2.51E-11	14.00	1.15E-02	4.03E-12	1,000,000	4.03E-06	7.8E-05			
202	5.5737E-07	9.9707E-08	2.50E-04	2.50E-11	14.00	1.15E-02	4.01E-12	1,000,000	4.01E-06	7.8E-05			
203	5.5737E-07	9.9044E-08	2.50E-04	2.48E-11	14.00	1.15E-02	3.98E-12	1,000,000	3.98E-06	7.7E-05			
204	5.5737E-07	9.8314E-08	2.50E-04	2.46E-11	14.00	1.15E-02	3.95E-12	1,000,000	3.95E-06	7.7E-05			
205	5.5737E-07	9.7545E-08	2.50E-04	2.44E-11	14.00	1.15E-02	3.92E-12	1,000,000	3.92E-06	7.6E-05			
206	5.5737E-07	9.6737E-08	2.50E-04	2.42E-11	14.00	1.15E-02	3.89E-12	1,000,000	3.89E-06	7.6E-05			
207	5.5737E-07	9.5984E-08	2.50E-04	2.40E-11	14.00	1.15E-02	3.86E-12	1,000,000	3.86E-06	7.5E-05			
208	5.5737E-07	1.0526E-07	2.50E-04	2.63E-11	14.00	1.15E-02	4.23E-12	1,000,000	4.23E-06	8.2E-05			
209	5.5737E-07	1.0557E-07	2.50E-04	2.64E-11	14.00	1.15E-02	4.24E-12	1,000,000	4.24E-06	8.3E-05			
210	5.5737E-07	1.0572E-07	2.50E-04	2.65E-11	14.00	1.15E-02	4.25E-12	1,000,000	4.25E-06	8.3E-05			
211	5.5737E-07	1.0572E-07	2.50E-04	2.65E-11	14.00	1.15E-02	4.25E-12	1,000,000	4.25E-06	8.3E-05			
212	5.5737E-07	1.0553E-07	2.50E-04	2.64E-11	14.00	1.15E-02	4.24E-12	1,000,000	4.24E-06	8.2E-05			
213	5.5737E-07	1.0516E-07	2.50E-04	2.63E-11	14.00	1.15E-02	4.23E-12	1,000,000	4.23E-06	8.2E-05			
214	5.5737E-07	1.0464E-07	2.50E-04	2.62E-11	14.00	1.15E-02	4.21E-12	1,000,000	4.21E-06	8.2E-05			
215	5.5737E-07	1.0402E-07	2.50E-04	2.60E-11	14.00	1.15E-02	4.18E-12	1,000,000	4.18E-06	8.1E-05			
216	5.5737E-07	1.0329E-07	2.50E-04	2.58E-11	14.00	1.15E-02	4.15E-12	1,000,000	4.15E-06	8.1E-05			
217	5.5737E-07	1.0248E-07	2.50E-04	2.56E-11	14.00	1.15E-02	4.12E-12	1,000,000	4.12E-06	8.0E-05			
218	5.5737E-07	1.0163E-07	2.50E-04	2.54E-11	14.00	1.15E-02	4.08E-12	1,000,000	4.08E-06	7.9E-05			
219	5.5737E-07	1.0081E-07	2.50E-04	2.52E-11	14.00	1.15E-02	4.05E-12	1,000,000	4.05E-06	7.9E-05			
220	5.5737E-07	1.1067E-07	2.50E-04	2.77E-11	14.00	1.15E-02	4.45E-12	1,000,000	4.45E-06	8.6E-05			
221	5.5737E-07	1.1037E-07	2.50E-04	2.76E-11	14.00	1.15E-02	4.44E-12	1,000,000	4.44E-06	8.6E-05			
222	5.5737E-07	1.099E-07	2.50E-04	2.75E-11	14.00	1.15E-02	4.42E-12	1,000,000	4.42E-06	8.6E-05			
223	5.5737E-07	1.0929E-07	2.50E-04	2.74E-11	14.00	1.15E-02	4.39E-12	1,000,000	4.39E-06	8.5E-05			
224	5.5737E-07	1.0858E-07	2.50E-04	2.72E-11	14.00	1.15E-02	4.36E-12	1,000,000	4.36E-06	8.5E-05			
225	5.5737E-07	1.0776E-07	2.50E-04	2.70E-11	14.00	1.15E-02	4.33E-12	1,000,000	4.33E-06	8.4E-05			
226	5.5737E-07	1.069E-07	2.50E-04	2.68E-11	14.00	1.15E-02	4.30E-12	1,000,000	4.30E-06	8.4E-05			
227	5.5737E-07	1.0607E-07	2.50E-04	2.65E-11	14.00	1.15E-02	4.26E-12	1,000,000	4.26E-06	8.3E-05			
228	5.5737E-07	1.1606E-07	2.50E-04	2.90E-11	14.00	1.15E-02	4.66E-12	1,000,000	4.66E-06	9.1E-05			
229	5.5737E-07	1.1566E-07	2.50E-04	2.89E-11	14.00	1.15E-02	4.65E-12	1,000,000	4.65E-06	9.0E-05			
230	5.5737E-07	1.1508E-07	2.50E-04	2.88E-11	14.00	1.15E-02	4.63E-12	1,000,000	4.63E-06	9.0E-05			
231	5.5737E-07	1.1438E-07	2.50E-04	2.86E-11	14.00	1.15E-02	4.60E-12	1,000,000	4.60E-06	8.9E-05			

Sywest Industrial Building - Alternative 3
Unmitigated - Operational - ED Risk - Haul 3

	Cancer Risk 14 to 30 years												
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million	Total Risk		Max	Receptor #
232	5.5737E-07	1.1355E-07	2.50E-04	2.84E-11	14.00	1.15E-02	4.56E-12	1,000,000	4.56E-06	8.9E-05			
233	5.5737E-07	1.1268E-07	2.50E-04	2.82E-11	14.00	1.15E-02	4.53E-12	1,000,000	4.53E-06	8.8E-05			
234	5.5737E-07	1.1181E-07	2.50E-04	2.80E-11	14.00	1.15E-02	4.49E-12	1,000,000	4.49E-06	8.7E-05			
235	5.5737E-07	1.0504E-07	2.50E-04	2.63E-11	14.00	1.15E-02	4.22E-12	1,000,000	4.22E-06	8.2E-05			
236	5.5737E-07	1.1025E-07	2.50E-04	2.76E-11	14.00	1.15E-02	4.43E-12	1,000,000	4.43E-06	8.6E-05			
237	5.5737E-07	1.1059E-07	2.50E-04	2.77E-11	14.00	1.15E-02	4.44E-12	1,000,000	4.44E-06	8.6E-05			
238	5.5737E-07	1.1077E-07	2.50E-04	2.77E-11	14.00	1.15E-02	4.45E-12	1,000,000	4.45E-06	8.7E-05			
239	5.5737E-07	1.1591E-07	2.50E-04	2.90E-11	14.00	1.15E-02	4.66E-12	1,000,000	4.66E-06	9.1E-05			
240	5.5737E-07	1.1624E-07	2.50E-04	2.91E-11	14.00	1.15E-02	4.67E-12	1,000,000	4.67E-06	9.1E-05			
241	5.5737E-07	1.1631E-07	2.50E-04	2.91E-11	14.00	1.15E-02	4.67E-12	1,000,000	4.67E-06	9.1E-05			
242	5.5737E-07	1.1619E-07	2.50E-04	2.91E-11	14.00	1.15E-02	4.67E-12	1,000,000	4.67E-06	9.1E-05			

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 3

	Cancer Risk 14 to 30 years												
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million	Total Risk		Max	Receptor #
243	5.5737E-07	3.9641E-07	2.50E-04	9.92E-11	14.00	1.15E-02	1.59E-11	1,000,000	1.59E-05	3.1E-04			
244	5.5737E-07	4.3651E-07	2.50E-04	1.09E-10	14.00	1.15E-02	1.75E-11	1,000,000	1.75E-05	3.4E-04			
245	5.5737E-07	4.8233E-07	2.50E-04	1.21E-10	14.00	1.15E-02	1.94E-11	1,000,000	1.94E-05	3.8E-04			
246	5.5737E-07	5.3435E-07	2.50E-04	1.34E-10	14.00	1.15E-02	2.15E-11	1,000,000	2.15E-05	4.2E-04			
247	5.5737E-07	5.9322E-07	2.50E-04	1.48E-10	14.00	1.15E-02	2.38E-11	1,000,000	2.38E-05	4.6E-04			
248	5.5737E-07	6.5855E-07	2.50E-04	1.65E-10	14.00	1.15E-02	2.65E-11	1,000,000	2.65E-05	5.1E-04			
249	5.5737E-07	7.2928E-07	2.50E-04	1.83E-10	14.00	1.15E-02	2.93E-11	1,000,000	2.93E-05	5.7E-04			
250	5.5737E-07	8.0234E-07	2.50E-04	2.01E-10	14.00	1.15E-02	3.22E-11	1,000,000	3.22E-05	6.3E-04			
251	5.5737E-07	8.7276E-07	2.50E-04	2.18E-10	14.00	1.15E-02	3.51E-11	1,000,000	3.51E-05	6.8E-04			
252	5.5737E-07	3.4395E-07	2.50E-04	8.61E-11	14.00	1.15E-02	1.38E-11	1,000,000	1.38E-05	2.7E-04			
253	5.5737E-07	3.7656E-07	2.50E-04	9.42E-11	14.00	1.15E-02	1.51E-11	1,000,000	1.51E-05	2.9E-04			
254	5.5737E-07	4.1434E-07	2.50E-04	1.04E-10	14.00	1.15E-02	1.67E-11	1,000,000	1.67E-05	3.2E-04			
255	5.5737E-07	4.5827E-07	2.50E-04	1.15E-10	14.00	1.15E-02	1.84E-11	1,000,000	1.84E-05	3.6E-04			
256	5.5737E-07	5.0941E-07	2.50E-04	1.27E-10	14.00	1.15E-02	2.05E-11	1,000,000	2.05E-05	4.0E-04			
257	5.5737E-07	5.6932E-07	2.50E-04	1.42E-10	14.00	1.15E-02	2.29E-11	1,000,000	2.29E-05	4.4E-04			
258	5.5737E-07	6.3878E-07	2.50E-04	1.60E-10	14.00	1.15E-02	2.57E-11	1,000,000	2.57E-05	5.0E-04			
259	5.5737E-07	7.1941E-07	2.50E-04	1.80E-10	14.00	1.15E-02	2.89E-11	1,000,000	2.89E-05	5.6E-04			
260	5.5737E-07	8.1092E-07	2.50E-04	2.03E-10	14.00	1.15E-02	3.26E-11	1,000,000	3.26E-05	6.3E-04			
261	5.5737E-07	9.117E-07	2.50E-04	2.28E-10	14.00	1.15E-02	3.66E-11	1,000,000	3.66E-05	7.1E-04			
262	5.5737E-07	1.0163E-06	2.50E-04	2.54E-10	14.00	1.15E-02	4.08E-11	1,000,000	4.08E-05	7.9E-04			
263	5.5737E-07	3.5668E-07	2.50E-04	8.93E-11	14.00	1.15E-02	1.43E-11	1,000,000	1.43E-05	2.8E-04			
264	5.5737E-07	3.9201E-07	2.50E-04	9.81E-11	14.00	1.15E-02	1.58E-11	1,000,000	1.58E-05	3.1E-04			
265	5.5737E-07	4.3302E-07	2.50E-04	1.08E-10	14.00	1.15E-02	1.74E-11	1,000,000	1.74E-05	3.4E-04			
266	5.5737E-07	4.8129E-07	2.50E-04	1.20E-10	14.00	1.15E-02	1.93E-11	1,000,000	1.93E-05	3.8E-04			
267	5.5737E-07	5.382E-07	2.50E-04	1.35E-10	14.00	1.15E-02	2.16E-11	1,000,000	2.16E-05	4.2E-04			
268	5.5737E-07	6.0603E-07	2.50E-04	1.52E-10	14.00	1.15E-02	2.44E-11	1,000,000	2.44E-05	4.7E-04			
269	5.5737E-07	6.8653E-07	2.50E-04	1.72E-10	14.00	1.15E-02	2.76E-11	1,000,000	2.76E-05	5.4E-04			
270	5.5737E-07	7.8293E-07	2.50E-04	1.96E-10	14.00	1.15E-02	3.15E-11	1,000,000	3.15E-05	6.1E-04			
271	5.5737E-07	8.9716E-07	2.50E-04	2.25E-10	14.00	1.15E-02	3.61E-11	1,000,000	3.61E-05	7.0E-04			
272	5.5737E-07	1.0311E-06	2.50E-04	2.58E-10	14.00	1.15E-02	4.14E-11	1,000,000	4.14E-05	8.1E-04			
273	5.5737E-07	1.1826E-06	2.50E-04	2.96E-10	14.00	1.15E-02	4.75E-11	1,000,000	4.75E-05	9.2E-04			
274	5.5737E-07	1.3472E-06	2.50E-04	3.37E-10	14.00	1.15E-02	5.41E-11	1,000,000	5.41E-05	1.1E-03			
275	5.5737E-07	3.6992E-07	2.50E-04	9.26E-11	14.00	1.15E-02	1.49E-11	1,000,000	1.49E-05	2.9E-04			

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 3

	Cancer Risk 14 to 30 years												
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million	Total Risk		Max	Receptor #
276	5.5737E-07	4.0786E-07	2.50E-04	1.02E-10	14.00	1.15E-02	1.64E-11	1,000,000	1.64E-05	3.2E-04			
277	5.5737E-07	4.5243E-07	2.50E-04	1.13E-10	14.00	1.15E-02	1.82E-11	1,000,000	1.82E-05	3.5E-04			
278	5.5737E-07	5.0525E-07	2.50E-04	1.26E-10	14.00	1.15E-02	2.03E-11	1,000,000	2.03E-05	3.9E-04			
279	5.5737E-07	5.6833E-07	2.50E-04	1.42E-10	14.00	1.15E-02	2.28E-11	1,000,000	2.28E-05	4.4E-04			
280	5.5737E-07	6.4434E-07	2.50E-04	1.61E-10	14.00	1.15E-02	2.59E-11	1,000,000	2.59E-05	5.0E-04			
281	5.5737E-07	7.3684E-07	2.50E-04	1.84E-10	14.00	1.15E-02	2.96E-11	1,000,000	2.96E-05	5.8E-04			
282	5.5737E-07	8.4986E-07	2.50E-04	2.13E-10	14.00	1.15E-02	3.42E-11	1,000,000	3.42E-05	6.6E-04			
283	5.5737E-07	9.8906E-07	2.50E-04	2.48E-10	14.00	1.15E-02	3.98E-11	1,000,000	3.98E-05	7.7E-04			
284	5.5737E-07	1.1612E-06	2.50E-04	2.91E-10	14.00	1.15E-02	4.67E-11	1,000,000	4.67E-05	9.1E-04			
285	5.5737E-07	1.3723E-06	2.50E-04	3.43E-10	14.00	1.15E-02	5.52E-11	1,000,000	5.52E-05	1.1E-03			
286	5.5737E-07	1.6233E-06	2.50E-04	4.06E-10	14.00	1.15E-02	6.52E-11	1,000,000	6.52E-05	1.3E-03			
287	5.5737E-07	3.8309E-07	2.50E-04	9.59E-11	14.00	1.15E-02	1.54E-11	1,000,000	1.54E-05	3.0E-04			
288	5.5737E-07	4.2392E-07	2.50E-04	1.06E-10	14.00	1.15E-02	1.70E-11	1,000,000	1.70E-05	3.3E-04			
289	5.5737E-07	4.7225E-07	2.50E-04	1.18E-10	14.00	1.15E-02	1.90E-11	1,000,000	1.90E-05	3.7E-04			
290	5.5737E-07	5.2986E-07	2.50E-04	1.33E-10	14.00	1.15E-02	2.13E-11	1,000,000	2.13E-05	4.1E-04			
291	5.5737E-07	5.994E-07	2.50E-04	1.50E-10	14.00	1.15E-02	2.41E-11	1,000,000	2.41E-05	4.7E-04			
292	5.5737E-07	6.8409E-07	2.50E-04	1.71E-10	14.00	1.15E-02	2.75E-11	1,000,000	2.75E-05	5.3E-04			
293	5.5737E-07	7.8884E-07	2.50E-04	1.97E-10	14.00	1.15E-02	3.17E-11	1,000,000	3.17E-05	6.2E-04			
294	5.5737E-07	9.1973E-07	2.50E-04	2.30E-10	14.00	1.15E-02	3.70E-11	1,000,000	3.70E-05	7.2E-04			
295	5.5737E-07	1.0858E-06	2.50E-04	2.72E-10	14.00	1.15E-02	4.36E-11	1,000,000	4.36E-05	8.5E-04			
296	5.5737E-07	1.2999E-06	2.50E-04	3.25E-10	14.00	1.15E-02	5.22E-11	1,000,000	5.22E-05	1.0E-03			
297	5.5737E-07	1.5804E-06	2.50E-04	3.96E-10	14.00	1.15E-02	6.35E-11	1,000,000	6.35E-05	1.2E-03			
298	5.5737E-07	1.9481E-06	2.50E-04	4.88E-10	14.00	1.15E-02	7.83E-11	1,000,000	7.83E-05	1.5E-03			
299	5.5737E-07	3.9579E-07	2.50E-04	9.91E-11	14.00	1.15E-02	1.59E-11	1,000,000	1.59E-05	3.1E-04			
300	5.5737E-07	4.3945E-07	2.50E-04	1.10E-10	14.00	1.15E-02	1.77E-11	1,000,000	1.77E-05	3.4E-04			
301	5.5737E-07	4.9149E-07	2.50E-04	1.23E-10	14.00	1.15E-02	1.98E-11	1,000,000	1.98E-05	3.8E-04			
302	5.5737E-07	5.5401E-07	2.50E-04	1.39E-10	14.00	1.15E-02	2.23E-11	1,000,000	2.23E-05	4.3E-04			
303	5.5737E-07	6.3E-07	2.50E-04	1.58E-10	14.00	1.15E-02	2.53E-11	1,000,000	2.53E-05	4.9E-04			
304	5.5737E-07	7.2387E-07	2.50E-04	1.81E-10	14.00	1.15E-02	2.91E-11	1,000,000	2.91E-05	5.7E-04			
305	5.5737E-07	8.4153E-07	2.50E-04	2.11E-10	14.00	1.15E-02	3.38E-11	1,000,000	3.38E-05	6.6E-04			
306	5.5737E-07	9.9151E-07	2.50E-04	2.48E-10	14.00	1.15E-02	3.99E-11	1,000,000	3.99E-05	7.7E-04			
307	5.5737E-07	1.1867E-06	2.50E-04	2.97E-10	14.00	1.15E-02	4.77E-11	1,000,000	4.77E-05	9.3E-04			
308	5.5737E-07	1.4476E-06	2.50E-04	3.62E-10	14.00	1.15E-02	5.82E-11	1,000,000	5.82E-05	1.1E-03			

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 3

	Cancer Risk 14 to 30 years												
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million	Total Risk		Max	Receptor #
309	5.5737E-07	1.8073E-06	2.50E-04	4.52E-10	14.00	1.15E-02	7.26E-11	1,000,000	7.26E-05	1.4E-03			
310	5.5737E-07	2.3175E-06	2.50E-04	5.80E-10	14.00	1.15E-02	9.32E-11	1,000,000	9.32E-05	1.8E-03			
311	5.5737E-07	4.075E-07	2.50E-04	1.02E-10	14.00	1.15E-02	1.64E-11	1,000,000	1.64E-05	3.2E-04			
312	5.5737E-07	4.5384E-07	2.50E-04	1.14E-10	14.00	1.15E-02	1.82E-11	1,000,000	1.82E-05	3.5E-04			
313	5.5737E-07	5.0932E-07	2.50E-04	1.27E-10	14.00	1.15E-02	2.05E-11	1,000,000	2.05E-05	4.0E-04			
314	5.5737E-07	5.765E-07	2.50E-04	1.44E-10	14.00	1.15E-02	2.32E-11	1,000,000	2.32E-05	4.5E-04			
315	5.5737E-07	6.5895E-07	2.50E-04	1.65E-10	14.00	1.15E-02	2.65E-11	1,000,000	2.65E-05	5.2E-04			
316	5.5737E-07	7.6105E-07	2.50E-04	1.90E-10	14.00	1.15E-02	3.06E-11	1,000,000	3.06E-05	5.9E-04			
317	5.5737E-07	8.914E-07	2.50E-04	2.23E-10	14.00	1.15E-02	3.58E-11	1,000,000	3.58E-05	7.0E-04			
318	5.5737E-07	1.06E-06	2.50E-04	2.65E-10	14.00	1.15E-02	4.26E-11	1,000,000	4.26E-05	8.3E-04			
319	5.5737E-07	1.2854E-06	2.50E-04	3.22E-10	14.00	1.15E-02	5.17E-11	1,000,000	5.17E-05	1.0E-03			
320	5.5737E-07	1.5947E-06	2.50E-04	3.99E-10	14.00	1.15E-02	6.41E-11	1,000,000	6.41E-05	1.2E-03			
321	5.5737E-07	2.0373E-06	2.50E-04	5.10E-10	14.00	1.15E-02	8.19E-11	1,000,000	8.19E-05	1.6E-03			
322	5.5737E-07	2.7088E-06	2.50E-04	6.78E-10	14.00	1.15E-02	1.09E-10	1,000,000	1.09E-04	2.1E-03			
323	5.5737E-07	4.1792E-07	2.50E-04	1.05E-10	14.00	1.15E-02	1.68E-11	1,000,000	1.68E-05	3.3E-04			
324	5.5737E-07	4.6682E-07	2.50E-04	1.17E-10	14.00	1.15E-02	1.88E-11	1,000,000	1.88E-05	3.6E-04			
325	5.5737E-07	5.2553E-07	2.50E-04	1.32E-10	14.00	1.15E-02	2.11E-11	1,000,000	2.11E-05	4.1E-04			
326	5.5737E-07	5.9639E-07	2.50E-04	1.49E-10	14.00	1.15E-02	2.40E-11	1,000,000	2.40E-05	4.7E-04			
327	5.5737E-07	6.849E-07	2.50E-04	1.71E-10	14.00	1.15E-02	2.75E-11	1,000,000	2.75E-05	5.4E-04			
328	5.5737E-07	7.9515E-07	2.50E-04	1.99E-10	14.00	1.15E-02	3.20E-11	1,000,000	3.20E-05	6.2E-04			
329	5.5737E-07	9.3714E-07	2.50E-04	2.35E-10	14.00	1.15E-02	3.77E-11	1,000,000	3.77E-05	7.3E-04			
330	5.5737E-07	1.1225E-06	2.50E-04	2.81E-10	14.00	1.15E-02	4.51E-11	1,000,000	4.51E-05	8.8E-04			
331	5.5737E-07	1.3729E-06	2.50E-04	3.44E-10	14.00	1.15E-02	5.52E-11	1,000,000	5.52E-05	1.1E-03			
332	5.5737E-07	1.726E-06	2.50E-04	4.32E-10	14.00	1.15E-02	6.94E-11	1,000,000	6.94E-05	1.3E-03			
333	5.5737E-07	2.2476E-06	2.50E-04	5.63E-10	14.00	1.15E-02	9.03E-11	1,000,000	9.03E-05	1.8E-03			
334	5.5737E-07	3.073E-06	2.50E-04	7.69E-10	14.00	1.15E-02	1.24E-10	1,000,000	1.24E-04	2.4E-03			
335	5.5737E-07	4.2687E-07	2.50E-04	1.07E-10	14.00	1.15E-02	1.72E-11	1,000,000	1.72E-05	3.3E-04			
336	5.5737E-07	4.7796E-07	2.50E-04	1.20E-10	14.00	1.15E-02	1.92E-11	1,000,000	1.92E-05	3.7E-04			
337	5.5737E-07	5.394E-07	2.50E-04	1.35E-10	14.00	1.15E-02	2.17E-11	1,000,000	2.17E-05	4.2E-04			
338	5.5737E-07	6.1346E-07	2.50E-04	1.54E-10	14.00	1.15E-02	2.47E-11	1,000,000	2.47E-05	4.8E-04			
339	5.5737E-07	7.0696E-07	2.50E-04	1.77E-10	14.00	1.15E-02	2.84E-11	1,000,000	2.84E-05	5.5E-04			
340	5.5737E-07	8.2387E-07	2.50E-04	2.06E-10	14.00	1.15E-02	3.31E-11	1,000,000	3.31E-05	6.4E-04			
341	5.5737E-07	9.767E-07	2.50E-04	2.44E-10	14.00	1.15E-02	3.93E-11	1,000,000	3.93E-05	7.6E-04			

Sywest Industrial Building - Alternative 3
Unmitigated - Operational - ED Risk - Haul 3

	Chronic Non Cancer Risk				
Receptor #	**REL**	**HI**		**Max**	**Receptor #**
1	5	1.30E-08		6.146E-07	334 Res
2	5	1.21E-08			
3	5	1.22E-08			
4	5	1.25E-08			
5	5	1.27E-08			
6	5	1.28E-08			
7	5	1.31E-08			
8	5	1.08E-08			
9	5	1.07E-08			
10	5	1.07E-08			
11	5	1.06E-08			
12	5	1.05E-08			
13	5	1.04E-08			
14	5	1.04E-08			
15	5	1.03E-08			
16	5	1.12E-08			
17	5	1.11E-08			
18	5	1.10E-08			
19	5	1.09E-08			
20	5	1.08E-08			
21	5	1.08E-08			
22	5	1.07E-08			
23	5	1.06E-08			
24	5	1.14E-08			
25	5	1.13E-08			
26	5	1.12E-08			
27	5	1.11E-08			
28	5	1.11E-08			
29	5	1.10E-08			
30	5	1.18E-08			
31	5	1.17E-08			
32	5	1.16E-08			
33	5	1.15E-08			

Sywest Industrial Building - Alternative 3
Unmitigated - Operational - ED Risk - Haul 3

	Chronic Non Cancer Risk				
Receptor #	**REL**	**HI**		**Max**	**Receptor #**
34	5	1.14E-08			
35	5	1.14E-08			
36	5	1.22E-08			
37	5	1.21E-08			
38	5	1.20E-08			
39	5	1.19E-08			
40	5	1.18E-08			
41	5	1.18E-08			
42	5	1.33E-08			
43	5	1.33E-08			
44	5	1.33E-08			
45	5	1.33E-08			
46	5	1.33E-08			
47	5	1.32E-08			
48	5	1.32E-08			
49	5	1.26E-08			
50	5	1.25E-08			
51	5	1.24E-08			
52	5	1.23E-08			
53	5	1.23E-08			
54	5	1.22E-08			
55	5	1.37E-08			
56	5	1.37E-08			
57	5	1.38E-08			
58	5	1.38E-08			
59	5	1.38E-08			
60	5	1.37E-08			
61	5	1.37E-08			
62	5	1.36E-08			
63	5	1.36E-08			
64	5	1.31E-08			
65	5	1.30E-08			
66	5	1.29E-08			

Sywest Industrial Building - Alternative 3
Unmitigated - Operational - ED Risk - Haul 3

	Chronic Non Cancer Risk				
Receptor #	**REL**	**HI**		**Max**	**Receptor #**
67	5	1.28E-08			
68	5	1.27E-08			
69	5	1.26E-08			
70	5	1.42E-08			
71	5	1.42E-08			
72	5	1.42E-08			
73	5	1.42E-08			
74	5	1.42E-08			
75	5	1.42E-08			
76	5	1.41E-08			
77	5	1.41E-08			
78	5	1.35E-08			
79	5	1.34E-08			
80	5	1.33E-08			
81	5	1.32E-08			
82	5	1.31E-08			
83	5	1.46E-08			
84	5	1.47E-08			
85	5	1.47E-08			
86	5	1.47E-08			
87	5	1.47E-08			
88	5	1.47E-08			
89	5	1.47E-08			
90	5	1.46E-08			
91	5	1.45E-08			
92	5	1.41E-08			
93	5	1.40E-08			
94	5	1.39E-08			
95	5	1.38E-08			
96	5	1.37E-08			
97	5	1.36E-08			
98	5	1.52E-08			
99	5	1.52E-08			

Sywest Industrial Building - Alternative 3
Unmitigated - Operational - ED Risk - Haul 3

	Chronic Non Cancer Risk				
Receptor #	**REL**	**HI**		**Max**	**Receptor #**
100	5	1.53E-08			
101	5	1.53E-08			
102	5	1.53E-08			
103	5	1.52E-08			
104	5	1.52E-08			
105	5	1.51E-08			
106	5	1.47E-08			
107	5	1.46E-08			
108	5	1.45E-08			
109	5	1.44E-08			
110	5	1.42E-08			
111	5	1.41E-08			
112	5	1.58E-08			
113	5	1.58E-08			
114	5	1.58E-08			
115	5	1.58E-08			
116	5	1.58E-08			
117	5	1.58E-08			
118	5	1.57E-08			
119	5	1.56E-08			
120	5	1.53E-08			
121	5	1.52E-08			
122	5	1.51E-08			
123	5	1.49E-08			
124	5	1.48E-08			
125	5	1.47E-08			
126	5	1.64E-08			
127	5	1.64E-08			
128	5	1.64E-08			
129	5	1.65E-08			
130	5	1.64E-08			
131	5	1.64E-08			
132	5	1.64E-08			

Sywest Industrial Building - Alternative 3
Unmitigated - Operational - ED Risk - Haul 3

	Chronic Non Cancer Risk				
Receptor #	**REL**	**HI**		**Max**	**Receptor #**
133	5	1.63E-08			
134	5	1.58E-08			
135	5	1.57E-08			
136	5	1.56E-08			
137	5	1.55E-08			
138	5	1.53E-08			
139	5	1.70E-08			
140	5	1.71E-08			
141	5	1.71E-08			
142	5	1.71E-08			
143	5	1.71E-08			
144	5	1.70E-08			
145	5	1.70E-08			
146	5	1.69E-08			
147	5	1.65E-08			
148	5	1.64E-08			
149	5	1.63E-08			
150	5	1.61E-08			
151	5	1.60E-08			
152	5	1.77E-08			
153	5	1.78E-08			
154	5	1.78E-08			
155	5	1.78E-08			
156	5	1.78E-08			
157	5	1.77E-08			
158	5	1.77E-08			
159	5	1.76E-08			
160	5	1.75E-08			
161	5	1.74E-08			
162	5	1.73E-08			
163	5	1.71E-08			
164	5	1.70E-08			
165	5	1.68E-08			

Sywest Industrial Building - Alternative 3
Unmitigated - Operational - ED Risk - Haul 3

	Chronic Non Cancer Risk				
Receptor #	**REL**	**HI**		**Max**	**Receptor #**
166	5	1.67E-08			
167	5	1.85E-08			
168	5	1.85E-08			
169	5	1.85E-08			
170	5	1.86E-08			
171	5	1.85E-08			
172	5	1.85E-08			
173	5	1.84E-08			
174	5	1.83E-08			
175	5	1.82E-08			
176	5	1.81E-08			
177	5	1.79E-08			
178	5	1.78E-08			
179	5	1.76E-08			
180	5	1.75E-08			
181	5	1.92E-08			
182	5	1.93E-08			
183	5	1.93E-08			
184	5	1.94E-08			
185	5	1.93E-08			
186	5	1.93E-08			
187	5	1.92E-08			
188	5	1.91E-08			
189	5	1.90E-08			
190	5	1.89E-08			
191	5	1.87E-08			
192	5	1.86E-08			
193	5	1.84E-08			
194	5	1.83E-08			
195	5	2.01E-08			
196	5	2.02E-08			
197	5	2.02E-08			
198	5	2.02E-08			

Sywest Industrial Building - Alternative 3
Unmitigated - Operational - ED Risk - Haul 3

	Chronic Non Cancer Risk				
Receptor #	**REL**	**HI**		**Max**	**Receptor #**
199	5	2.02E-08			
200	5	2.01E-08			
201	5	2.01E-08			
202	5	1.99E-08			
203	5	1.98E-08			
204	5	1.97E-08			
205	5	1.95E-08			
206	5	1.93E-08			
207	5	1.92E-08			
208	5	2.11E-08			
209	5	2.11E-08			
210	5	2.11E-08			
211	5	2.11E-08			
212	5	2.11E-08			
213	5	2.10E-08			
214	5	2.09E-08			
215	5	2.08E-08			
216	5	2.07E-08			
217	5	2.05E-08			
218	5	2.03E-08			
219	5	2.02E-08			
220	5	2.21E-08			
221	5	2.21E-08			
222	5	2.20E-08			
223	5	2.19E-08			
224	5	2.17E-08			
225	5	2.16E-08			
226	5	2.14E-08			
227	5	2.12E-08			
228	5	2.32E-08			
229	5	2.31E-08			
230	5	2.30E-08			
231	5	2.29E-08			

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 3

	Chronic Non Cancer Risk				
Receptor #	**REL**	**HI**		**Max**	**Receptor #**
232	5	2.27E-08			
233	5	2.25E-08			
234	5	2.24E-08			
235	5	2.10E-08			
236	5	2.21E-08			
237	5	2.21E-08			
238	5	2.22E-08			
239	5	2.32E-08			
240	5	2.32E-08			
241	5	2.33E-08			
242	5	2.32E-08			

Sywest Industrial Building - Alternative 3
Unmitigated - Operational - ED Risk - Haul 3

	Chronic Non Cancer Risk				
Receptor #	**REL**	**HI**		**Max**	**Receptor #**
243	5	7.93E-08			
244	5	8.73E-08			
245	5	9.65E-08			
246	5	1.07E-07			
247	5	1.19E-07			
248	5	1.32E-07			
249	5	1.46E-07			
250	5	1.60E-07			
251	5	1.75E-07			
252	5	6.88E-08			
253	5	7.53E-08			
254	5	8.29E-08			
255	5	9.17E-08			
256	5	1.02E-07			
257	5	1.14E-07			
258	5	1.28E-07			
259	5	1.44E-07			
260	5	1.62E-07			
261	5	1.82E-07			
262	5	2.03E-07			
263	5	7.13E-08			
264	5	7.84E-08			
265	5	8.66E-08			
266	5	9.63E-08			
267	5	1.08E-07			
268	5	1.21E-07			
269	5	1.37E-07			
270	5	1.57E-07			
271	5	1.79E-07			
272	5	2.06E-07			
273	5	2.37E-07			
274	5	2.69E-07			
275	5	7.40E-08			

Sywest Industrial Building - Alternative 3
Unmitigated - Operational - ED Risk - Haul 3

	Chronic Non Cancer Risk				
Receptor #	**REL**	**HI**		**Max**	**Receptor #**
276	5	8.16E-08			
277	5	9.05E-08			
278	5	1.01E-07			
279	5	1.14E-07			
280	5	1.29E-07			
281	5	1.47E-07			
282	5	1.70E-07			
283	5	1.98E-07			
284	5	2.32E-07			
285	5	2.74E-07			
286	5	3.25E-07			
287	5	7.66E-08			
288	5	8.48E-08			
289	5	9.44E-08			
290	5	1.06E-07			
291	5	1.20E-07			
292	5	1.37E-07			
293	5	1.58E-07			
294	5	1.84E-07			
295	5	2.17E-07			
296	5	2.60E-07			
297	5	3.16E-07			
298	5	3.90E-07			
299	5	7.92E-08			
300	5	8.79E-08			
301	5	9.83E-08			
302	5	1.11E-07			
303	5	1.26E-07			
304	5	1.45E-07			
305	5	1.68E-07			
306	5	1.98E-07			
307	5	2.37E-07			
308	5	2.90E-07			

Sywest Industrial Building - Alternative 3
Unmitigated - Operational - ED Risk - Haul 3

	Chronic Non Cancer Risk				
Receptor #	**REL**	**HI**		**Max**	**Receptor #**
309	5	3.61E-07			
310	5	4.64E-07			
311	5	8.15E-08			
312	5	9.08E-08			
313	5	1.02E-07			
314	5	1.15E-07			
315	5	1.32E-07			
316	5	1.52E-07			
317	5	1.78E-07			
318	5	2.12E-07			
319	5	2.57E-07			
320	5	3.19E-07			
321	5	4.07E-07			
322	5	5.42E-07			
323	5	8.36E-08			
324	5	9.34E-08			
325	5	1.05E-07			
326	5	1.19E-07			
327	5	1.37E-07			
328	5	1.59E-07			
329	5	1.87E-07			
330	5	2.24E-07			
331	5	2.75E-07			
332	5	3.45E-07			
333	5	4.50E-07			
334	5	6.15E-07			
335	5	8.54E-08			
336	5	9.56E-08			
337	5	1.08E-07			
338	5	1.23E-07			
339	5	1.41E-07			
340	5	1.65E-07			
341	5	1.95E-07			

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 4

		Cancer Risk from 3rd Trimester								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
1	0.09547	**5.9278E-07**	5.6593E-08	3.46E-04	1.96E-11	0.25	1.57E-01	7.70E-13	1,000,000	7.70E-07
2	0.09429	5.9278E-07	5.5894E-08	3.46E-04	1.93E-11	0.25	1.57E-01	7.60E-13	1,000,000	7.60E-07
3	0.09491	5.9278E-07	5.6261E-08	3.46E-04	1.95E-11	0.25	1.57E-01	7.65E-13	1,000,000	7.65E-07
4	0.09639	5.9278E-07	5.7138E-08	3.46E-04	1.98E-11	0.25	1.57E-01	7.77E-13	1,000,000	7.77E-07
5	0.09765	5.9278E-07	5.7885E-08	3.46E-04	2.00E-11	0.25	1.57E-01	7.87E-13	1,000,000	7.87E-07
6	0.09843	5.9278E-07	5.8348E-08	3.46E-04	2.02E-11	0.25	1.57E-01	7.93E-13	1,000,000	7.93E-07
7	0.09987	5.9278E-07	5.9201E-08	3.46E-04	2.05E-11	0.25	1.57E-01	8.05E-13	1,000,000	8.05E-07
8	0.07261	5.9278E-07	4.3042E-08	3.46E-04	1.49E-11	0.25	1.57E-01	5.85E-13	1,000,000	5.85E-07
9	0.07211	5.9278E-07	4.2746E-08	3.46E-04	1.48E-11	0.25	1.57E-01	5.81E-13	1,000,000	5.81E-07
10	0.07155	5.9278E-07	4.2414E-08	3.46E-04	1.47E-11	0.25	1.57E-01	5.77E-13	1,000,000	5.77E-07
11	0.07102	5.9278E-07	4.2099E-08	3.46E-04	1.46E-11	0.25	1.57E-01	5.73E-13	1,000,000	5.73E-07
12	0.07053	5.9278E-07	4.1809E-08	3.46E-04	1.45E-11	0.25	1.57E-01	5.69E-13	1,000,000	5.69E-07
13	0.07008	5.9278E-07	4.1542E-08	3.46E-04	1.44E-11	0.25	1.57E-01	5.65E-13	1,000,000	5.65E-07
14	0.06967	5.9278E-07	4.1299E-08	3.46E-04	1.43E-11	0.25	1.57E-01	5.62E-13	1,000,000	5.62E-07
15	0.06929	5.9278E-07	4.1074E-08	3.46E-04	1.42E-11	0.25	1.57E-01	5.59E-13	1,000,000	5.59E-07
16	0.07462	5.9278E-07	4.4234E-08	3.46E-04	1.53E-11	0.25	1.57E-01	6.02E-13	1,000,000	6.02E-07
17	0.07409	5.9278E-07	4.3919E-08	3.46E-04	1.52E-11	0.25	1.57E-01	5.97E-13	1,000,000	5.97E-07
18	0.07351	5.9278E-07	4.3576E-08	3.46E-04	1.51E-11	0.25	1.57E-01	5.93E-13	1,000,000	5.93E-07
19	0.07295	5.9278E-07	4.3244E-08	3.46E-04	1.50E-11	0.25	1.57E-01	5.88E-13	1,000,000	5.88E-07
20	0.07245	5.9278E-07	4.2947E-08	3.46E-04	1.49E-11	0.25	1.57E-01	5.84E-13	1,000,000	5.84E-07
21	0.07196	5.9278E-07	4.2657E-08	3.46E-04	1.48E-11	0.25	1.57E-01	5.80E-13	1,000,000	5.80E-07
22	0.07152	5.9278E-07	4.2396E-08	3.46E-04	1.47E-11	0.25	1.57E-01	5.77E-13	1,000,000	5.77E-07
23	0.07113	5.9278E-07	4.2165E-08	3.46E-04	1.46E-11	0.25	1.57E-01	5.73E-13	1,000,000	5.73E-07
24	0.07555	5.9278E-07	4.4785E-08	3.46E-04	1.55E-11	0.25	1.57E-01	6.09E-13	1,000,000	6.09E-07
25	0.07497	5.9278E-07	4.4441E-08	3.46E-04	1.54E-11	0.25	1.57E-01	6.04E-13	1,000,000	6.04E-07
26	0.07446	5.9278E-07	4.4139E-08	3.46E-04	1.53E-11	0.25	1.57E-01	6.00E-13	1,000,000	6.00E-07
27	0.07394	5.9278E-07	4.383E-08	3.46E-04	1.52E-11	0.25	1.57E-01	5.96E-13	1,000,000	5.96E-07
28	0.07347	5.9278E-07	4.3552E-08	3.46E-04	1.51E-11	0.25	1.57E-01	5.92E-13	1,000,000	5.92E-07
29	0.07306	5.9278E-07	4.3309E-08	3.46E-04	1.50E-11	0.25	1.57E-01	5.89E-13	1,000,000	5.89E-07
30	0.07769	5.9278E-07	4.6053E-08	3.46E-04	1.59E-11	0.25	1.57E-01	6.26E-13	1,000,000	6.26E-07
31	0.07708	5.9278E-07	4.5692E-08	3.46E-04	1.58E-11	0.25	1.57E-01	6.21E-13	1,000,000	6.21E-07
32	0.07655	5.9278E-07	4.5378E-08	3.46E-04	1.57E-11	0.25	1.57E-01	6.17E-13	1,000,000	6.17E-07
33	0.07601	5.9278E-07	4.5057E-08	3.46E-04	1.56E-11	0.25	1.57E-01	6.13E-13	1,000,000	6.13E-07

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 4

		Cancer Risk from 3rd Trimester								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
34	0.0755	5.9278E-07	4.4755E-08	3.46E-04	1.55E-11	0.25	1.57E-01	6.09E-13	1,000,000	6.09E-07
35	0.07507	5.9278E-07	4.45E-08	3.46E-04	1.54E-11	0.25	1.57E-01	6.05E-13	1,000,000	6.05E-07
36	0.07991	5.9278E-07	4.7369E-08	3.46E-04	1.64E-11	0.25	1.57E-01	6.44E-13	1,000,000	6.44E-07
37	0.07929	5.9278E-07	4.7002E-08	3.46E-04	1.63E-11	0.25	1.57E-01	6.39E-13	1,000,000	6.39E-07
38	0.07873	5.9278E-07	4.667E-08	3.46E-04	1.62E-11	0.25	1.57E-01	6.35E-13	1,000,000	6.35E-07
39	0.07816	5.9278E-07	4.6332E-08	3.46E-04	1.60E-11	0.25	1.57E-01	6.30E-13	1,000,000	6.30E-07
40	0.07763	5.9278E-07	4.6018E-08	3.46E-04	1.59E-11	0.25	1.57E-01	6.26E-13	1,000,000	6.26E-07
41	0.07718	5.9278E-07	4.5751E-08	3.46E-04	1.58E-11	0.25	1.57E-01	6.22E-13	1,000,000	6.22E-07
42	0.08829	5.9278E-07	5.2337E-08	3.46E-04	1.81E-11	0.25	1.57E-01	7.12E-13	1,000,000	7.12E-07
43	0.088	5.9278E-07	5.2165E-08	3.46E-04	1.81E-11	0.25	1.57E-01	7.09E-13	1,000,000	7.09E-07
44	0.08766	5.9278E-07	5.1963E-08	3.46E-04	1.80E-11	0.25	1.57E-01	7.07E-13	1,000,000	7.07E-07
45	0.08728	5.9278E-07	5.1738E-08	3.46E-04	1.79E-11	0.25	1.57E-01	7.04E-13	1,000,000	7.04E-07
46	0.08687	5.9278E-07	5.1495E-08	3.46E-04	1.78E-11	0.25	1.57E-01	7.00E-13	1,000,000	7.00E-07
47	0.08645	5.9278E-07	5.1246E-08	3.46E-04	1.77E-11	0.25	1.57E-01	6.97E-13	1,000,000	6.97E-07
48	0.08594	5.9278E-07	5.0944E-08	3.46E-04	1.76E-11	0.25	1.57E-01	6.93E-13	1,000,000	6.93E-07
49	0.08225	5.9278E-07	4.8756E-08	3.46E-04	1.69E-11	0.25	1.57E-01	6.63E-13	1,000,000	6.63E-07
50	0.0816	5.9278E-07	4.8371E-08	3.46E-04	1.67E-11	0.25	1.57E-01	6.58E-13	1,000,000	6.58E-07
51	0.08101	5.9278E-07	4.8021E-08	3.46E-04	1.66E-11	0.25	1.57E-01	6.53E-13	1,000,000	6.53E-07
52	0.08042	5.9278E-07	4.7672E-08	3.46E-04	1.65E-11	0.25	1.57E-01	6.48E-13	1,000,000	6.48E-07
53	0.07986	5.9278E-07	4.734E-08	3.46E-04	1.64E-11	0.25	1.57E-01	6.44E-13	1,000,000	6.44E-07
54	0.07939	5.9278E-07	4.7061E-08	3.46E-04	1.63E-11	0.25	1.57E-01	6.40E-13	1,000,000	6.40E-07
55	0.09084	5.9278E-07	5.3848E-08	3.46E-04	1.86E-11	0.25	1.57E-01	7.32E-13	1,000,000	7.32E-07
56	0.09073	5.9278E-07	5.3783E-08	3.46E-04	1.86E-11	0.25	1.57E-01	7.31E-13	1,000,000	7.31E-07
57	0.09047	5.9278E-07	5.3629E-08	3.46E-04	1.86E-11	0.25	1.57E-01	7.29E-13	1,000,000	7.29E-07
58	0.0902	5.9278E-07	5.3469E-08	3.46E-04	1.85E-11	0.25	1.57E-01	7.27E-13	1,000,000	7.27E-07
59	0.08983	5.9278E-07	5.325E-08	3.46E-04	1.84E-11	0.25	1.57E-01	7.24E-13	1,000,000	7.24E-07
60	0.08941	5.9278E-07	5.3001E-08	3.46E-04	1.83E-11	0.25	1.57E-01	7.21E-13	1,000,000	7.21E-07
61	0.08899	5.9278E-07	5.2752E-08	3.46E-04	1.83E-11	0.25	1.57E-01	7.17E-13	1,000,000	7.17E-07
62	0.08849	5.9278E-07	5.2455E-08	3.46E-04	1.82E-11	0.25	1.57E-01	7.13E-13	1,000,000	7.13E-07
63	0.08791	5.9278E-07	5.2112E-08	3.46E-04	1.80E-11	0.25	1.57E-01	7.09E-13	1,000,000	7.09E-07
64	0.08471	5.9278E-07	5.0215E-08	3.46E-04	1.74E-11	0.25	1.57E-01	6.83E-13	1,000,000	6.83E-07
65	0.08402	5.9278E-07	4.9806E-08	3.46E-04	1.72E-11	0.25	1.57E-01	6.77E-13	1,000,000	6.77E-07
66	0.08339	5.9278E-07	4.9432E-08	3.46E-04	1.71E-11	0.25	1.57E-01	6.72E-13	1,000,000	6.72E-07

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 4

		Cancer Risk from 3rd Trimester								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
67	0.08279	5.9278E-07	4.9077E-08	3.46E-04	1.70E-11	0.25	1.57E-01	6.67E-13	1,000,000	6.67E-07
68	0.0822	5.9278E-07	4.8727E-08	3.46E-04	1.69E-11	0.25	1.57E-01	6.63E-13	1,000,000	6.63E-07
69	0.0817	5.9278E-07	4.843E-08	3.46E-04	1.68E-11	0.25	1.57E-01	6.59E-13	1,000,000	6.59E-07
70	0.09329	5.9278E-07	5.5301E-08	3.46E-04	1.91E-11	0.25	1.57E-01	7.52E-13	1,000,000	7.52E-07
71	0.09306	5.9278E-07	5.5164E-08	3.46E-04	1.91E-11	0.25	1.57E-01	7.50E-13	1,000,000	7.50E-07
72	0.0928	5.9278E-07	5.501E-08	3.46E-04	1.90E-11	0.25	1.57E-01	7.48E-13	1,000,000	7.48E-07
73	0.09249	5.9278E-07	5.4827E-08	3.46E-04	1.90E-11	0.25	1.57E-01	7.46E-13	1,000,000	7.46E-07
74	0.09208	5.9278E-07	5.4584E-08	3.46E-04	1.89E-11	0.25	1.57E-01	7.42E-13	1,000,000	7.42E-07
75	0.09162	5.9278E-07	5.4311E-08	3.46E-04	1.88E-11	0.25	1.57E-01	7.39E-13	1,000,000	7.39E-07
76	0.09117	5.9278E-07	5.4044E-08	3.46E-04	1.87E-11	0.25	1.57E-01	7.35E-13	1,000,000	7.35E-07
77	0.09059	5.9278E-07	5.37E-08	3.46E-04	1.86E-11	0.25	1.57E-01	7.30E-13	1,000,000	7.30E-07
78	0.08659	5.9278E-07	5.1329E-08	3.46E-04	1.78E-11	0.25	1.57E-01	6.98E-13	1,000,000	6.98E-07
79	0.08594	5.9278E-07	5.0944E-08	3.46E-04	1.76E-11	0.25	1.57E-01	6.93E-13	1,000,000	6.93E-07
80	0.0853	5.9278E-07	5.0564E-08	3.46E-04	1.75E-11	0.25	1.57E-01	6.88E-13	1,000,000	6.88E-07
81	0.08469	5.9278E-07	5.0203E-08	3.46E-04	1.74E-11	0.25	1.57E-01	6.83E-13	1,000,000	6.83E-07
82	0.08416	5.9278E-07	4.9889E-08	3.46E-04	1.73E-11	0.25	1.57E-01	6.78E-13	1,000,000	6.78E-07
83	0.09587	5.9278E-07	5.683E-08	3.46E-04	1.97E-11	0.25	1.57E-01	7.73E-13	1,000,000	7.73E-07
84	0.09577	5.9278E-07	5.6771E-08	3.46E-04	1.97E-11	0.25	1.57E-01	7.72E-13	1,000,000	7.72E-07
85	0.09551	5.9278E-07	5.6617E-08	3.46E-04	1.96E-11	0.25	1.57E-01	7.70E-13	1,000,000	7.70E-07
86	0.09524	5.9278E-07	5.6457E-08	3.46E-04	1.95E-11	0.25	1.57E-01	7.68E-13	1,000,000	7.68E-07
87	0.09487	5.9278E-07	5.6237E-08	3.46E-04	1.95E-11	0.25	1.57E-01	7.65E-13	1,000,000	7.65E-07
88	0.09441	5.9278E-07	5.5965E-08	3.46E-04	1.94E-11	0.25	1.57E-01	7.61E-13	1,000,000	7.61E-07
89	0.09395	5.9278E-07	5.5692E-08	3.46E-04	1.93E-11	0.25	1.57E-01	7.57E-13	1,000,000	7.57E-07
90	0.0934	5.9278E-07	5.5366E-08	3.46E-04	1.92E-11	0.25	1.57E-01	7.53E-13	1,000,000	7.53E-07
91	0.09275	5.9278E-07	5.4981E-08	3.46E-04	1.90E-11	0.25	1.57E-01	7.48E-13	1,000,000	7.48E-07
92	0.09002	5.9278E-07	5.3362E-08	3.46E-04	1.85E-11	0.25	1.57E-01	7.26E-13	1,000,000	7.26E-07
93	0.08929	5.9278E-07	5.293E-08	3.46E-04	1.83E-11	0.25	1.57E-01	7.20E-13	1,000,000	7.20E-07
94	0.08862	5.9278E-07	5.2532E-08	3.46E-04	1.82E-11	0.25	1.57E-01	7.14E-13	1,000,000	7.14E-07
95	0.08795	5.9278E-07	5.2135E-08	3.46E-04	1.80E-11	0.25	1.57E-01	7.09E-13	1,000,000	7.09E-07
96	0.08731	5.9278E-07	5.1756E-08	3.46E-04	1.79E-11	0.25	1.57E-01	7.04E-13	1,000,000	7.04E-07
97	0.08675	5.9278E-07	5.1424E-08	3.46E-04	1.78E-11	0.25	1.57E-01	6.99E-13	1,000,000	6.99E-07
98	0.0986	5.9278E-07	5.8448E-08	3.46E-04	2.02E-11	0.25	1.57E-01	7.95E-13	1,000,000	7.95E-07
99	0.09835	5.9278E-07	5.83E-08	3.46E-04	2.02E-11	0.25	1.57E-01	7.93E-13	1,000,000	7.93E-07

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 4

		Cancer Risk from 3rd Trimester								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
100	0.09807	5.9278E-07	5.8134E-08	3.46E-04	2.01E-11	0.25	1.57E-01	7.91E-13	1,000,000	7.91E-07
101	0.09779	5.9278E-07	5.7968E-08	3.46E-04	2.01E-11	0.25	1.57E-01	7.88E-13	1,000,000	7.88E-07
102	0.09734	5.9278E-07	5.7702E-08	3.46E-04	2.00E-11	0.25	1.57E-01	7.85E-13	1,000,000	7.85E-07
103	0.09685	5.9278E-07	5.7411E-08	3.46E-04	1.99E-11	0.25	1.57E-01	7.81E-13	1,000,000	7.81E-07
104	0.09634	5.9278E-07	5.7109E-08	3.46E-04	1.98E-11	0.25	1.57E-01	7.77E-13	1,000,000	7.77E-07
105	0.09567	5.9278E-07	5.6712E-08	3.46E-04	1.96E-11	0.25	1.57E-01	7.71E-13	1,000,000	7.71E-07
106	0.09285	5.9278E-07	5.504E-08	3.46E-04	1.91E-11	0.25	1.57E-01	7.49E-13	1,000,000	7.49E-07
107	0.09211	5.9278E-07	5.4601E-08	3.46E-04	1.89E-11	0.25	1.57E-01	7.43E-13	1,000,000	7.43E-07
108	0.09141	5.9278E-07	5.4186E-08	3.46E-04	1.88E-11	0.25	1.57E-01	7.37E-13	1,000,000	7.37E-07
109	0.09073	5.9278E-07	5.3783E-08	3.46E-04	1.86E-11	0.25	1.57E-01	7.31E-13	1,000,000	7.31E-07
110	0.09007	5.9278E-07	5.3392E-08	3.46E-04	1.85E-11	0.25	1.57E-01	7.26E-13	1,000,000	7.26E-07
111	0.08949	5.9278E-07	5.3048E-08	3.46E-04	1.84E-11	0.25	1.57E-01	7.21E-13	1,000,000	7.21E-07
112	0.10134	5.9278E-07	6.0073E-08	3.46E-04	2.08E-11	0.25	1.57E-01	8.17E-13	1,000,000	8.17E-07
113	0.10109	5.9278E-07	5.9924E-08	3.46E-04	2.07E-11	0.25	1.57E-01	8.15E-13	1,000,000	8.15E-07
114	0.10082	5.9278E-07	5.9764E-08	3.46E-04	2.07E-11	0.25	1.57E-01	8.13E-13	1,000,000	8.13E-07
115	0.10042	5.9278E-07	5.9527E-08	3.46E-04	2.06E-11	0.25	1.57E-01	8.10E-13	1,000,000	8.10E-07
116	0.09991	5.9278E-07	5.9225E-08	3.46E-04	2.05E-11	0.25	1.57E-01	8.05E-13	1,000,000	8.05E-07
117	0.09939	5.9278E-07	5.8917E-08	3.46E-04	2.04E-11	0.25	1.57E-01	8.01E-13	1,000,000	8.01E-07
118	0.09876	5.9278E-07	5.8543E-08	3.46E-04	2.03E-11	0.25	1.57E-01	7.96E-13	1,000,000	7.96E-07
119	0.09805	5.9278E-07	5.8122E-08	3.46E-04	2.01E-11	0.25	1.57E-01	7.90E-13	1,000,000	7.90E-07
120	0.0958	5.9278E-07	5.6789E-08	3.46E-04	1.97E-11	0.25	1.57E-01	7.72E-13	1,000,000	7.72E-07
121	0.09509	5.9278E-07	5.6368E-08	3.46E-04	1.95E-11	0.25	1.57E-01	7.67E-13	1,000,000	7.67E-07
122	0.09434	5.9278E-07	5.5923E-08	3.46E-04	1.94E-11	0.25	1.57E-01	7.61E-13	1,000,000	7.61E-07
123	0.09364	5.9278E-07	5.5508E-08	3.46E-04	1.92E-11	0.25	1.57E-01	7.55E-13	1,000,000	7.55E-07
124	0.09297	5.9278E-07	5.5111E-08	3.46E-04	1.91E-11	0.25	1.57E-01	7.49E-13	1,000,000	7.49E-07
125	0.09236	5.9278E-07	5.4749E-08	3.46E-04	1.90E-11	0.25	1.57E-01	7.45E-13	1,000,000	7.45E-07
126	0.10449	5.9278E-07	6.194E-08	3.46E-04	2.14E-11	0.25	1.57E-01	8.42E-13	1,000,000	8.42E-07
127	0.10427	5.9278E-07	6.181E-08	3.46E-04	2.14E-11	0.25	1.57E-01	8.41E-13	1,000,000	8.41E-07
128	0.10397	5.9278E-07	6.1632E-08	3.46E-04	2.13E-11	0.25	1.57E-01	8.38E-13	1,000,000	8.38E-07
129	0.10364	5.9278E-07	6.1436E-08	3.46E-04	2.13E-11	0.25	1.57E-01	8.35E-13	1,000,000	8.35E-07
130	0.10314	5.9278E-07	6.114E-08	3.46E-04	2.12E-11	0.25	1.57E-01	8.31E-13	1,000,000	8.31E-07
131	0.10258	5.9278E-07	6.0808E-08	3.46E-04	2.10E-11	0.25	1.57E-01	8.27E-13	1,000,000	8.27E-07
132	0.102	5.9278E-07	6.0464E-08	3.46E-04	2.09E-11	0.25	1.57E-01	8.22E-13	1,000,000	8.22E-07

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 4

		Cancer Risk from 3rd Trimester								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
133	0.10127	5.9278E-07	6.0031E-08	3.46E-04	2.08E-11	0.25	1.57E-01	8.16E-13	1,000,000	8.16E-07
134	0.09829	5.9278E-07	5.8265E-08	3.46E-04	2.02E-11	0.25	1.57E-01	7.92E-13	1,000,000	7.92E-07
135	0.09748	5.9278E-07	5.7785E-08	3.46E-04	2.00E-11	0.25	1.57E-01	7.86E-13	1,000,000	7.86E-07
136	0.09671	5.9278E-07	5.7328E-08	3.46E-04	1.98E-11	0.25	1.57E-01	7.80E-13	1,000,000	7.80E-07
137	0.09602	5.9278E-07	5.6919E-08	3.46E-04	1.97E-11	0.25	1.57E-01	7.74E-13	1,000,000	7.74E-07
138	0.0954	5.9278E-07	5.6552E-08	3.46E-04	1.96E-11	0.25	1.57E-01	7.69E-13	1,000,000	7.69E-07
139	0.1076	5.9278E-07	6.3784E-08	3.46E-04	2.21E-11	0.25	1.57E-01	8.67E-13	1,000,000	8.67E-07
140	0.1073	5.9278E-07	6.3606E-08	3.46E-04	2.20E-11	0.25	1.57E-01	8.65E-13	1,000,000	8.65E-07
141	0.10697	5.9278E-07	6.341E-08	3.46E-04	2.20E-11	0.25	1.57E-01	8.62E-13	1,000,000	8.62E-07
142	0.10653	5.9278E-07	6.3149E-08	3.46E-04	2.19E-11	0.25	1.57E-01	8.59E-13	1,000,000	8.59E-07
143	0.10595	5.9278E-07	6.2805E-08	3.46E-04	2.17E-11	0.25	1.57E-01	8.54E-13	1,000,000	8.54E-07
144	0.10536	5.9278E-07	6.2456E-08	3.46E-04	2.16E-11	0.25	1.57E-01	8.49E-13	1,000,000	8.49E-07
145	0.10469	5.9278E-07	6.2059E-08	3.46E-04	2.15E-11	0.25	1.57E-01	8.44E-13	1,000,000	8.44E-07
146	0.10391	5.9278E-07	6.1596E-08	3.46E-04	2.13E-11	0.25	1.57E-01	8.38E-13	1,000,000	8.38E-07
147	0.10159	5.9278E-07	6.0221E-08	3.46E-04	2.08E-11	0.25	1.57E-01	8.19E-13	1,000,000	8.19E-07
148	0.10077	5.9278E-07	5.9735E-08	3.46E-04	2.07E-11	0.25	1.57E-01	8.12E-13	1,000,000	8.12E-07
149	0.09998	5.9278E-07	5.9267E-08	3.46E-04	2.05E-11	0.25	1.57E-01	8.06E-13	1,000,000	8.06E-07
150	0.09925	5.9278E-07	5.8834E-08	3.46E-04	2.04E-11	0.25	1.57E-01	8.00E-13	1,000,000	8.00E-07
151	0.09859	5.9278E-07	5.8443E-08	3.46E-04	2.02E-11	0.25	1.57E-01	7.95E-13	1,000,000	7.95E-07
152	0.11105	5.9278E-07	6.5829E-08	3.46E-04	2.28E-11	0.25	1.57E-01	8.95E-13	1,000,000	8.95E-07
153	0.11081	5.9278E-07	6.5686E-08	3.46E-04	2.27E-11	0.25	1.57E-01	8.93E-13	1,000,000	8.93E-07
154	0.11048	5.9278E-07	6.5491E-08	3.46E-04	2.27E-11	0.25	1.57E-01	8.91E-13	1,000,000	8.91E-07
155	0.11009	5.9278E-07	6.526E-08	3.46E-04	2.26E-11	0.25	1.57E-01	8.87E-13	1,000,000	8.87E-07
156	0.10954	5.9278E-07	6.4934E-08	3.46E-04	2.25E-11	0.25	1.57E-01	8.83E-13	1,000,000	8.83E-07
157	0.10891	5.9278E-07	6.456E-08	3.46E-04	2.23E-11	0.25	1.57E-01	8.78E-13	1,000,000	8.78E-07
158	0.10824	5.9278E-07	6.4163E-08	3.46E-04	2.22E-11	0.25	1.57E-01	8.73E-13	1,000,000	8.73E-07
159	0.10751	5.9278E-07	6.373E-08	3.46E-04	2.21E-11	0.25	1.57E-01	8.67E-13	1,000,000	8.67E-07
160	0.10675	5.9278E-07	6.328E-08	3.46E-04	2.19E-11	0.25	1.57E-01	8.61E-13	1,000,000	8.61E-07
161	0.10593	5.9278E-07	6.2794E-08	3.46E-04	2.17E-11	0.25	1.57E-01	8.54E-13	1,000,000	8.54E-07
162	0.10511	5.9278E-07	6.2307E-08	3.46E-04	2.16E-11	0.25	1.57E-01	8.47E-13	1,000,000	8.47E-07
163	0.10429	5.9278E-07	6.1821E-08	3.46E-04	2.14E-11	0.25	1.57E-01	8.41E-13	1,000,000	8.41E-07
164	0.10347	5.9278E-07	6.1335E-08	3.46E-04	2.12E-11	0.25	1.57E-01	8.34E-13	1,000,000	8.34E-07
165	0.10265	5.9278E-07	6.0849E-08	3.46E-04	2.11E-11	0.25	1.57E-01	8.28E-13	1,000,000	8.28E-07

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 4

		Cancer Risk from 3rd Trimester								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
166	0.10193	5.9278E-07	6.0422E-08	3.46E-04	2.09E-11	0.25	1.57E-01	8.22E-13	1,000,000	8.22E-07
167	0.1145	5.9278E-07	6.7874E-08	3.46E-04	2.35E-11	0.25	1.57E-01	9.23E-13	1,000,000	9.23E-07
168	0.11417	5.9278E-07	6.7678E-08	3.46E-04	2.34E-11	0.25	1.57E-01	9.20E-13	1,000,000	9.20E-07
169	0.11379	5.9278E-07	6.7453E-08	3.46E-04	2.33E-11	0.25	1.57E-01	9.17E-13	1,000,000	9.17E-07
170	0.11331	5.9278E-07	6.7168E-08	3.46E-04	2.33E-11	0.25	1.57E-01	9.13E-13	1,000,000	9.13E-07
171	0.1127	5.9278E-07	6.6807E-08	3.46E-04	2.31E-11	0.25	1.57E-01	9.09E-13	1,000,000	9.09E-07
172	0.11204	5.9278E-07	6.6415E-08	3.46E-04	2.30E-11	0.25	1.57E-01	9.03E-13	1,000,000	9.03E-07
173	0.11134	5.9278E-07	6.6001E-08	3.46E-04	2.28E-11	0.25	1.57E-01	8.98E-13	1,000,000	8.98E-07
174	0.11059	5.9278E-07	6.5556E-08	3.46E-04	2.27E-11	0.25	1.57E-01	8.92E-13	1,000,000	8.92E-07
175	0.10974	5.9278E-07	6.5052E-08	3.46E-04	2.25E-11	0.25	1.57E-01	8.85E-13	1,000,000	8.85E-07
176	0.10888	5.9278E-07	6.4542E-08	3.46E-04	2.23E-11	0.25	1.57E-01	8.78E-13	1,000,000	8.78E-07
177	0.108	5.9278E-07	6.4021E-08	3.46E-04	2.22E-11	0.25	1.57E-01	8.71E-13	1,000,000	8.71E-07
178	0.10712	5.9278E-07	6.3499E-08	3.46E-04	2.20E-11	0.25	1.57E-01	8.64E-13	1,000,000	8.64E-07
179	0.10624	5.9278E-07	6.2977E-08	3.46E-04	2.18E-11	0.25	1.57E-01	8.56E-13	1,000,000	8.56E-07
180	0.10548	5.9278E-07	6.2527E-08	3.46E-04	2.16E-11	0.25	1.57E-01	8.50E-13	1,000,000	8.50E-07
181	0.11823	5.9278E-07	7.0085E-08	3.46E-04	2.43E-11	0.25	1.57E-01	9.53E-13	1,000,000	9.53E-07
182	0.11806	5.9278E-07	6.9984E-08	3.46E-04	2.42E-11	0.25	1.57E-01	9.52E-13	1,000,000	9.52E-07
183	0.11768	5.9278E-07	6.9759E-08	3.46E-04	2.41E-11	0.25	1.57E-01	9.49E-13	1,000,000	9.49E-07
184	0.11724	5.9278E-07	6.9498E-08	3.46E-04	2.41E-11	0.25	1.57E-01	9.45E-13	1,000,000	9.45E-07
185	0.11668	5.9278E-07	6.9166E-08	3.46E-04	2.39E-11	0.25	1.57E-01	9.41E-13	1,000,000	9.41E-07
186	0.11603	5.9278E-07	6.8781E-08	3.46E-04	2.38E-11	0.25	1.57E-01	9.35E-13	1,000,000	9.35E-07
187	0.11532	5.9278E-07	6.836E-08	3.46E-04	2.37E-11	0.25	1.57E-01	9.30E-13	1,000,000	9.30E-07
188	0.11453	5.9278E-07	6.7892E-08	3.46E-04	2.35E-11	0.25	1.57E-01	9.23E-13	1,000,000	9.23E-07
189	0.11367	5.9278E-07	6.7382E-08	3.46E-04	2.33E-11	0.25	1.57E-01	9.16E-13	1,000,000	9.16E-07
190	0.11277	5.9278E-07	6.6848E-08	3.46E-04	2.31E-11	0.25	1.57E-01	9.09E-13	1,000,000	9.09E-07
191	0.11186	5.9278E-07	6.6309E-08	3.46E-04	2.30E-11	0.25	1.57E-01	9.02E-13	1,000,000	9.02E-07
192	0.11095	5.9278E-07	6.5769E-08	3.46E-04	2.28E-11	0.25	1.57E-01	8.94E-13	1,000,000	8.94E-07
193	0.11006	5.9278E-07	6.5242E-08	3.46E-04	2.26E-11	0.25	1.57E-01	8.87E-13	1,000,000	8.87E-07
194	0.10927	5.9278E-07	6.4773E-08	3.46E-04	2.24E-11	0.25	1.57E-01	8.81E-13	1,000,000	8.81E-07
195	0.12216	5.9278E-07	7.2414E-08	3.46E-04	2.51E-11	0.25	1.57E-01	9.85E-13	1,000,000	9.85E-07
196	0.12181	5.9278E-07	7.2207E-08	3.46E-04	2.50E-11	0.25	1.57E-01	9.82E-13	1,000,000	9.82E-07
197	0.12137	5.9278E-07	7.1946E-08	3.46E-04	2.49E-11	0.25	1.57E-01	9.78E-13	1,000,000	9.78E-07
198	0.1209	5.9278E-07	7.1668E-08	3.46E-04	2.48E-11	0.25	1.57E-01	9.75E-13	1,000,000	9.75E-07

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 4

		Cancer Risk from 3rd Trimester								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
199	0.12028	5.9278E-07	7.13E-08	3.46E-04	2.47E-11	0.25	1.57E-01	9.70E-13	1,000,000	9.70E-07
200	0.11956	5.9278E-07	7.0873E-08	3.46E-04	2.45E-11	0.25	1.57E-01	9.64E-13	1,000,000	9.64E-07
201	0.11875	5.9278E-07	7.0393E-08	3.46E-04	2.44E-11	0.25	1.57E-01	9.57E-13	1,000,000	9.57E-07
202	0.11788	5.9278E-07	6.9877E-08	3.46E-04	2.42E-11	0.25	1.57E-01	9.50E-13	1,000,000	9.50E-07
203	0.11695	5.9278E-07	6.9326E-08	3.46E-04	2.40E-11	0.25	1.57E-01	9.43E-13	1,000,000	9.43E-07
204	0.11602	5.9278E-07	6.8775E-08	3.46E-04	2.38E-11	0.25	1.57E-01	9.35E-13	1,000,000	9.35E-07
205	0.11509	5.9278E-07	6.8223E-08	3.46E-04	2.36E-11	0.25	1.57E-01	9.28E-13	1,000,000	9.28E-07
206	0.11415	5.9278E-07	6.7666E-08	3.46E-04	2.34E-11	0.25	1.57E-01	9.20E-13	1,000,000	9.20E-07
207	0.1133	5.9278E-07	6.7162E-08	3.46E-04	2.32E-11	0.25	1.57E-01	9.13E-13	1,000,000	9.13E-07
208	0.12618	5.9278E-07	7.4797E-08	3.46E-04	2.59E-11	0.25	1.57E-01	1.02E-12	1,000,000	1.02E-06
209	0.12576	5.9278E-07	7.4548E-08	3.46E-04	2.58E-11	0.25	1.57E-01	1.01E-12	1,000,000	1.01E-06
210	0.12527	5.9278E-07	7.4258E-08	3.46E-04	2.57E-11	0.25	1.57E-01	1.01E-12	1,000,000	1.01E-06
211	0.12471	5.9278E-07	7.3926E-08	3.46E-04	2.56E-11	0.25	1.57E-01	1.01E-12	1,000,000	1.01E-06
212	0.12402	5.9278E-07	7.3517E-08	3.46E-04	2.54E-11	0.25	1.57E-01	1.00E-12	1,000,000	1.00E-06
213	0.12322	5.9278E-07	7.3043E-08	3.46E-04	2.53E-11	0.25	1.57E-01	9.93E-13	1,000,000	9.93E-07
214	0.12235	5.9278E-07	7.2527E-08	3.46E-04	2.51E-11	0.25	1.57E-01	9.86E-13	1,000,000	9.86E-07
215	0.12144	5.9278E-07	7.1988E-08	3.46E-04	2.49E-11	0.25	1.57E-01	9.79E-13	1,000,000	9.79E-07
216	0.12047	5.9278E-07	7.1413E-08	3.46E-04	2.47E-11	0.25	1.57E-01	9.71E-13	1,000,000	9.71E-07
217	0.11949	5.9278E-07	7.0832E-08	3.46E-04	2.45E-11	0.25	1.57E-01	9.63E-13	1,000,000	9.63E-07
218	0.1185	5.9278E-07	7.0245E-08	3.46E-04	2.43E-11	0.25	1.57E-01	9.55E-13	1,000,000	9.55E-07
219	0.11758	5.9278E-07	6.9699E-08	3.46E-04	2.41E-11	0.25	1.57E-01	9.48E-13	1,000,000	9.48E-07
220	0.12868	5.9278E-07	7.6279E-08	3.46E-04	2.64E-11	0.25	1.57E-01	1.04E-12	1,000,000	1.04E-06
221	0.12789	5.9278E-07	7.5811E-08	3.46E-04	2.62E-11	0.25	1.57E-01	1.03E-12	1,000,000	1.03E-06
222	0.12702	5.9278E-07	7.5295E-08	3.46E-04	2.61E-11	0.25	1.57E-01	1.02E-12	1,000,000	1.02E-06
223	0.12609	5.9278E-07	7.4744E-08	3.46E-04	2.59E-11	0.25	1.57E-01	1.02E-12	1,000,000	1.02E-06
224	0.12511	5.9278E-07	7.4163E-08	3.46E-04	2.57E-11	0.25	1.57E-01	1.01E-12	1,000,000	1.01E-06
225	0.1241	5.9278E-07	7.3564E-08	3.46E-04	2.55E-11	0.25	1.57E-01	1.00E-12	1,000,000	1.00E-06
226	0.1231	5.9278E-07	7.2972E-08	3.46E-04	2.53E-11	0.25	1.57E-01	9.92E-13	1,000,000	9.92E-07
227	0.12215	5.9278E-07	7.2409E-08	3.46E-04	2.51E-11	0.25	1.57E-01	9.85E-13	1,000,000	9.85E-07
228	0.13294	5.9278E-07	7.8805E-08	3.46E-04	2.73E-11	0.25	1.57E-01	1.07E-12	1,000,000	1.07E-06
229	0.13207	5.9278E-07	7.8289E-08	3.46E-04	2.71E-11	0.25	1.57E-01	1.06E-12	1,000,000	1.06E-06
230	0.13111	5.9278E-07	7.772E-08	3.46E-04	2.69E-11	0.25	1.57E-01	1.06E-12	1,000,000	1.06E-06
231	0.13013	5.9278E-07	7.7139E-08	3.46E-04	2.67E-11	0.25	1.57E-01	1.05E-12	1,000,000	1.05E-06

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 4

		Cancer Risk from 3rd Trimester								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
232	0.12907	5.9278E-07	7.6511E-08	3.46E-04	2.65E-11	0.25	1.57E-01	1.04E-12	1,000,000	1.04E-06
233	0.12804	5.9278E-07	7.59E-08	3.46E-04	2.63E-11	0.25	1.57E-01	1.03E-12	1,000,000	1.03E-06
234	0.12706	5.9278E-07	7.5319E-08	3.46E-04	2.61E-11	0.25	1.57E-01	1.02E-12	1,000,000	1.02E-06
235	0.12634	5.9278E-07	7.4892E-08	3.46E-04	2.59E-11	0.25	1.57E-01	1.02E-12	1,000,000	1.02E-06
236	0.13064	5.9278E-07	7.7441E-08	3.46E-04	2.68E-11	0.25	1.57E-01	1.05E-12	1,000,000	1.05E-06
237	0.13019	5.9278E-07	7.7174E-08	3.46E-04	2.67E-11	0.25	1.57E-01	1.05E-12	1,000,000	1.05E-06
238	0.12967	5.9278E-07	7.6866E-08	3.46E-04	2.66E-11	0.25	1.57E-01	1.05E-12	1,000,000	1.05E-06
239	0.13519	5.9278E-07	8.0138E-08	3.46E-04	2.77E-11	0.25	1.57E-01	1.09E-12	1,000,000	1.09E-06
240	0.13472	5.9278E-07	7.986E-08	3.46E-04	2.76E-11	0.25	1.57E-01	1.09E-12	1,000,000	1.09E-06
241	0.13406	5.9278E-07	7.9469E-08	3.46E-04	2.75E-11	0.25	1.57E-01	1.08E-12	1,000,000	1.08E-06
242	0.13334	5.9278E-07	7.9042E-08	3.46E-04	2.74E-11	0.25	1.57E-01	1.07E-12	1,000,000	1.07E-06

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 4

		Cancer Risk from 3rd Trimester								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
243	0.39598	5.9278E-07	2.3473E-07	3.46E-04	8.13E-11	0.25	1.57E-01	3.19E-12	1,000,000	3.19E-06
244	0.40988	5.9278E-07	2.4297E-07	3.46E-04	8.41E-11	0.25	1.57E-01	3.30E-12	1,000,000	3.30E-06
245	0.42262	5.9278E-07	2.5052E-07	3.46E-04	8.67E-11	0.25	1.57E-01	3.41E-12	1,000,000	3.41E-06
246	0.43383	5.9278E-07	2.5717E-07	3.46E-04	8.90E-11	0.25	1.57E-01	3.50E-12	1,000,000	3.50E-06
247	0.44354	5.9278E-07	2.6292E-07	3.46E-04	9.10E-11	0.25	1.57E-01	3.58E-12	1,000,000	3.58E-06
248	0.45141	5.9278E-07	2.6759E-07	3.46E-04	9.26E-11	0.25	1.57E-01	3.64E-12	1,000,000	3.64E-06
249	0.45744	5.9278E-07	2.7116E-07	3.46E-04	9.39E-11	0.25	1.57E-01	3.69E-12	1,000,000	3.69E-06
250	0.46149	5.9278E-07	2.7356E-07	3.46E-04	9.47E-11	0.25	1.57E-01	3.72E-12	1,000,000	3.72E-06
251	0.46358	5.9278E-07	2.748E-07	3.46E-04	9.51E-11	0.25	1.57E-01	3.74E-12	1,000,000	3.74E-06
252	0.38323	5.9278E-07	2.2717E-07	3.46E-04	7.86E-11	0.25	1.57E-01	3.09E-12	1,000,000	3.09E-06
253	0.40044	5.9278E-07	2.3737E-07	3.46E-04	8.22E-11	0.25	1.57E-01	3.23E-12	1,000,000	3.23E-06
254	0.4175	5.9278E-07	2.4749E-07	3.46E-04	8.57E-11	0.25	1.57E-01	3.37E-12	1,000,000	3.37E-06
255	0.43405	5.9278E-07	2.573E-07	3.46E-04	8.91E-11	0.25	1.57E-01	3.50E-12	1,000,000	3.50E-06
256	0.44964	5.9278E-07	2.6654E-07	3.46E-04	9.23E-11	0.25	1.57E-01	3.62E-12	1,000,000	3.62E-06
257	0.46417	5.9278E-07	2.7515E-07	3.46E-04	9.52E-11	0.25	1.57E-01	3.74E-12	1,000,000	3.74E-06
258	0.47688	5.9278E-07	2.8269E-07	3.46E-04	9.79E-11	0.25	1.57E-01	3.84E-12	1,000,000	3.84E-06
259	0.48785	5.9278E-07	2.8919E-07	3.46E-04	1.00E-10	0.25	1.57E-01	3.93E-12	1,000,000	3.93E-06
260	0.49652	5.9278E-07	2.9433E-07	3.46E-04	1.02E-10	0.25	1.57E-01	4.00E-12	1,000,000	4.00E-06
261	0.50278	5.9278E-07	2.9804E-07	3.46E-04	1.03E-10	0.25	1.57E-01	4.05E-12	1,000,000	4.05E-06
262	0.50641	5.9278E-07	3.0019E-07	3.46E-04	1.04E-10	0.25	1.57E-01	4.08E-12	1,000,000	4.08E-06
263	0.39927	5.9278E-07	2.3668E-07	3.46E-04	8.19E-11	0.25	1.57E-01	3.22E-12	1,000,000	3.22E-06
264	0.41943	5.9278E-07	2.4863E-07	3.46E-04	8.61E-11	0.25	1.57E-01	3.38E-12	1,000,000	3.38E-06
265	0.43948	5.9278E-07	2.6052E-07	3.46E-04	9.02E-11	0.25	1.57E-01	3.54E-12	1,000,000	3.54E-06
266	0.45943	5.9278E-07	2.7234E-07	3.46E-04	9.43E-11	0.25	1.57E-01	3.70E-12	1,000,000	3.70E-06
267	0.47862	5.9278E-07	2.8372E-07	3.46E-04	9.82E-11	0.25	1.57E-01	3.86E-12	1,000,000	3.86E-06
268	0.49692	5.9278E-07	2.9457E-07	3.46E-04	1.02E-10	0.25	1.57E-01	4.01E-12	1,000,000	4.01E-06
269	0.51337	5.9278E-07	3.0432E-07	3.46E-04	1.05E-10	0.25	1.57E-01	4.14E-12	1,000,000	4.14E-06
270	0.52797	5.9278E-07	3.1297E-07	3.46E-04	1.08E-10	0.25	1.57E-01	4.26E-12	1,000,000	4.26E-06
271	0.53991	5.9278E-07	3.2005E-07	3.46E-04	1.11E-10	0.25	1.57E-01	4.35E-12	1,000,000	4.35E-06
272	0.54912	5.9278E-07	3.2551E-07	3.46E-04	1.13E-10	0.25	1.57E-01	4.43E-12	1,000,000	4.43E-06
273	0.55534	5.9278E-07	3.292E-07	3.46E-04	1.14E-10	0.25	1.57E-01	4.48E-12	1,000,000	4.48E-06
274	0.55967	5.9278E-07	3.3176E-07	3.46E-04	1.15E-10	0.25	1.57E-01	4.51E-12	1,000,000	4.51E-06
275	0.4155	5.9278E-07	2.463E-07	3.46E-04	8.53E-11	0.25	1.57E-01	3.35E-12	1,000,000	3.35E-06

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 4

		Cancer Risk from 3rd Trimester								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
276	0.43839	5.9278E-07	2.5987E-07	3.46E-04	9.00E-11	0.25	1.57E-01	3.53E-12	1,000,000	3.53E-06
277	0.46185	5.9278E-07	2.7378E-07	3.46E-04	9.48E-11	0.25	1.57E-01	3.72E-12	1,000,000	3.72E-06
278	0.48555	5.9278E-07	2.8783E-07	3.46E-04	9.96E-11	0.25	1.57E-01	3.91E-12	1,000,000	3.91E-06
279	0.50896	5.9278E-07	3.017E-07	3.46E-04	1.04E-10	0.25	1.57E-01	4.10E-12	1,000,000	4.10E-06
280	0.53162	5.9278E-07	3.1514E-07	3.46E-04	1.09E-10	0.25	1.57E-01	4.29E-12	1,000,000	4.29E-06
281	0.553	5.9278E-07	3.2781E-07	3.46E-04	1.13E-10	0.25	1.57E-01	4.46E-12	1,000,000	4.46E-06
282	0.57211	5.9278E-07	3.3914E-07	3.46E-04	1.17E-10	0.25	1.57E-01	4.61E-12	1,000,000	4.61E-06
283	0.58852	5.9278E-07	3.4887E-07	3.46E-04	1.21E-10	0.25	1.57E-01	4.74E-12	1,000,000	4.74E-06
284	0.60191	5.9278E-07	3.568E-07	3.46E-04	1.24E-10	0.25	1.57E-01	4.85E-12	1,000,000	4.85E-06
285	0.61193	5.9278E-07	3.6274E-07	3.46E-04	1.26E-10	0.25	1.57E-01	4.93E-12	1,000,000	4.93E-06
286	0.61852	5.9278E-07	3.6665E-07	3.46E-04	1.27E-10	0.25	1.57E-01	4.99E-12	1,000,000	4.99E-06
287	0.43157	5.9278E-07	2.5583E-07	3.46E-04	8.86E-11	0.25	1.57E-01	3.48E-12	1,000,000	3.48E-06
288	0.45752	5.9278E-07	2.7121E-07	3.46E-04	9.39E-11	0.25	1.57E-01	3.69E-12	1,000,000	3.69E-06
289	0.48465	5.9278E-07	2.8729E-07	3.46E-04	9.95E-11	0.25	1.57E-01	3.91E-12	1,000,000	3.91E-06
290	0.51243	5.9278E-07	3.0376E-07	3.46E-04	1.05E-10	0.25	1.57E-01	4.13E-12	1,000,000	4.13E-06
291	0.54056	5.9278E-07	3.2044E-07	3.46E-04	1.11E-10	0.25	1.57E-01	4.36E-12	1,000,000	4.36E-06
292	0.56822	5.9278E-07	3.3683E-07	3.46E-04	1.17E-10	0.25	1.57E-01	4.58E-12	1,000,000	4.58E-06
293	0.59508	5.9278E-07	3.5275E-07	3.46E-04	1.22E-10	0.25	1.57E-01	4.80E-12	1,000,000	4.80E-06
294	0.61994	5.9278E-07	3.6749E-07	3.46E-04	1.27E-10	0.25	1.57E-01	5.00E-12	1,000,000	5.00E-06
295	0.64212	5.9278E-07	3.8064E-07	3.46E-04	1.32E-10	0.25	1.57E-01	5.18E-12	1,000,000	5.18E-06
296	0.66105	5.9278E-07	3.9186E-07	3.46E-04	1.36E-10	0.25	1.57E-01	5.33E-12	1,000,000	5.33E-06
297	0.67623	5.9278E-07	4.0086E-07	3.46E-04	1.39E-10	0.25	1.57E-01	5.45E-12	1,000,000	5.45E-06
298	0.68693	5.9278E-07	4.072E-07	3.46E-04	1.41E-10	0.25	1.57E-01	5.54E-12	1,000,000	5.54E-06
299	0.44758	5.9278E-07	2.6532E-07	3.46E-04	9.18E-11	0.25	1.57E-01	3.61E-12	1,000,000	3.61E-06
300	0.47655	5.9278E-07	2.8249E-07	3.46E-04	9.78E-11	0.25	1.57E-01	3.84E-12	1,000,000	3.84E-06
301	0.5074	5.9278E-07	3.0078E-07	3.46E-04	1.04E-10	0.25	1.57E-01	4.09E-12	1,000,000	4.09E-06
302	0.53964	5.9278E-07	3.1989E-07	3.46E-04	1.11E-10	0.25	1.57E-01	4.35E-12	1,000,000	4.35E-06
303	0.57271	5.9278E-07	3.3949E-07	3.46E-04	1.18E-10	0.25	1.57E-01	4.62E-12	1,000,000	4.62E-06
304	0.60661	5.9278E-07	3.5959E-07	3.46E-04	1.24E-10	0.25	1.57E-01	4.89E-12	1,000,000	4.89E-06
305	0.63978	5.9278E-07	3.7925E-07	3.46E-04	1.31E-10	0.25	1.57E-01	5.16E-12	1,000,000	5.16E-06
306	0.67187	5.9278E-07	3.9827E-07	3.46E-04	1.38E-10	0.25	1.57E-01	5.42E-12	1,000,000	5.42E-06
307	0.70159	5.9278E-07	4.1589E-07	3.46E-04	1.44E-10	0.25	1.57E-01	5.66E-12	1,000,000	5.66E-06
308	0.72812	5.9278E-07	4.3162E-07	3.46E-04	1.49E-10	0.25	1.57E-01	5.87E-12	1,000,000	5.87E-06

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 4

		Cancer Risk from 3rd Trimester								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
309	0.75048	5.9278E-07	4.4487E-07	3.46E-04	1.54E-10	0.25	1.57E-01	6.05E-12	1,000,000	6.05E-06
310	0.767	5.9278E-07	4.5467E-07	3.46E-04	1.57E-10	0.25	1.57E-01	6.18E-12	1,000,000	6.18E-06
311	0.46345	5.9278E-07	2.7473E-07	3.46E-04	9.51E-11	0.25	1.57E-01	3.74E-12	1,000,000	3.74E-06
312	0.49543	5.9278E-07	2.9368E-07	3.46E-04	1.02E-10	0.25	1.57E-01	3.99E-12	1,000,000	3.99E-06
313	0.52991	5.9278E-07	3.1412E-07	3.46E-04	1.09E-10	0.25	1.57E-01	4.27E-12	1,000,000	4.27E-06
314	0.56674	5.9278E-07	3.3595E-07	3.46E-04	1.16E-10	0.25	1.57E-01	4.57E-12	1,000,000	4.57E-06
315	0.60578	5.9278E-07	3.591E-07	3.46E-04	1.24E-10	0.25	1.57E-01	4.88E-12	1,000,000	4.88E-06
316	0.64632	5.9278E-07	3.8313E-07	3.46E-04	1.33E-10	0.25	1.57E-01	5.21E-12	1,000,000	5.21E-06
317	0.68719	5.9278E-07	4.0735E-07	3.46E-04	1.41E-10	0.25	1.57E-01	5.54E-12	1,000,000	5.54E-06
318	0.72805	5.9278E-07	4.3158E-07	3.46E-04	1.49E-10	0.25	1.57E-01	5.87E-12	1,000,000	5.87E-06
319	0.76712	5.9278E-07	4.5474E-07	3.46E-04	1.57E-10	0.25	1.57E-01	6.18E-12	1,000,000	6.18E-06
320	0.8036	5.9278E-07	4.7636E-07	3.46E-04	1.65E-10	0.25	1.57E-01	6.48E-12	1,000,000	6.48E-06
321	0.83531	5.9278E-07	4.9516E-07	3.46E-04	1.71E-10	0.25	1.57E-01	6.73E-12	1,000,000	6.73E-06
322	0.86088	5.9278E-07	5.1032E-07	3.46E-04	1.77E-10	0.25	1.57E-01	6.94E-12	1,000,000	6.94E-06
323	0.47943	5.9278E-07	2.842E-07	3.46E-04	9.84E-11	0.25	1.57E-01	3.86E-12	1,000,000	3.86E-06
324	0.51462	5.9278E-07	3.0506E-07	3.46E-04	1.06E-10	0.25	1.57E-01	4.15E-12	1,000,000	4.15E-06
325	0.55299	5.9278E-07	3.278E-07	3.46E-04	1.13E-10	0.25	1.57E-01	4.46E-12	1,000,000	4.46E-06
326	0.59514	5.9278E-07	3.5279E-07	3.46E-04	1.22E-10	0.25	1.57E-01	4.80E-12	1,000,000	4.80E-06
327	0.63925	5.9278E-07	3.7894E-07	3.46E-04	1.31E-10	0.25	1.57E-01	5.15E-12	1,000,000	5.15E-06
328	0.68679	5.9278E-07	4.0712E-07	3.46E-04	1.41E-10	0.25	1.57E-01	5.54E-12	1,000,000	5.54E-06
329	0.73541	5.9278E-07	4.3594E-07	3.46E-04	1.51E-10	0.25	1.57E-01	5.93E-12	1,000,000	5.93E-06
330	0.78719	5.9278E-07	4.6663E-07	3.46E-04	1.62E-10	0.25	1.57E-01	6.35E-12	1,000,000	6.35E-06
331	0.83821	5.9278E-07	4.9688E-07	3.46E-04	1.72E-10	0.25	1.57E-01	6.76E-12	1,000,000	6.76E-06
332	0.88721	5.9278E-07	5.2592E-07	3.46E-04	1.82E-10	0.25	1.57E-01	7.15E-12	1,000,000	7.15E-06
333	0.93222	5.9278E-07	5.526E-07	3.46E-04	1.91E-10	0.25	1.57E-01	7.52E-12	1,000,000	7.52E-06
334	0.97178	5.9278E-07	5.7606E-07	3.46E-04	1.99E-10	0.25	1.57E-01	7.83E-12	1,000,000	7.83E-06
335	0.49569	5.9278E-07	2.9384E-07	3.46E-04	1.02E-10	0.25	1.57E-01	4.00E-12	1,000,000	4.00E-06
336	0.53401	5.9278E-07	3.1655E-07	3.46E-04	1.10E-10	0.25	1.57E-01	4.30E-12	1,000,000	4.30E-06
337	0.57631	5.9278E-07	3.4163E-07	3.46E-04	1.18E-10	0.25	1.57E-01	4.65E-12	1,000,000	4.65E-06
338	0.62327	5.9278E-07	3.6946E-07	3.46E-04	1.28E-10	0.25	1.57E-01	5.02E-12	1,000,000	5.02E-06
339	0.67354	5.9278E-07	3.9926E-07	3.46E-04	1.38E-10	0.25	1.57E-01	5.43E-12	1,000,000	5.43E-06
340	0.72869	5.9278E-07	4.3196E-07	3.46E-04	1.50E-10	0.25	1.57E-01	5.87E-12	1,000,000	5.87E-06
341	0.78679	5.9278E-07	4.664E-07	3.46E-04	1.61E-10	0.25	1.57E-01	6.34E-12	1,000,000	6.34E-06

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 4

					Cancer Risk from Birth to 2 years				
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
1	5.9278E-07	5.6593E-08	1.05E-03	5.92E-11	2.00	1.57E-01	1.86E-11	1,000,000	1.9E-05
2	5.9278E-07	5.5894E-08	1.05E-03	5.84E-11	2.00	1.57E-01	1.84E-11	1,000,000	1.84E-05
3	5.9278E-07	5.6261E-08	1.05E-03	5.88E-11	2.00	1.57E-01	1.85E-11	1,000,000	1.85E-05
4	5.9278E-07	5.7138E-08	1.05E-03	5.97E-11	2.00	1.57E-01	1.88E-11	1,000,000	1.88E-05
5	5.9278E-07	5.7885E-08	1.05E-03	6.05E-11	2.00	1.57E-01	1.90E-11	1,000,000	1.90E-05
6	5.9278E-07	5.8348E-08	1.05E-03	6.10E-11	2.00	1.57E-01	1.92E-11	1,000,000	1.92E-05
7	5.9278E-07	5.9201E-08	1.05E-03	6.19E-11	2.00	1.57E-01	1.94E-11	1,000,000	1.94E-05
8	5.9278E-07	4.3042E-08	1.05E-03	4.50E-11	2.00	1.57E-01	1.41E-11	1,000,000	1.41E-05
9	5.9278E-07	4.2746E-08	1.05E-03	4.47E-11	2.00	1.57E-01	1.40E-11	1,000,000	1.40E-05
10	5.9278E-07	4.2414E-08	1.05E-03	4.43E-11	2.00	1.57E-01	1.39E-11	1,000,000	1.39E-05
11	5.9278E-07	4.2099E-08	1.05E-03	4.40E-11	2.00	1.57E-01	1.38E-11	1,000,000	1.38E-05
12	5.9278E-07	4.1809E-08	1.05E-03	4.37E-11	2.00	1.57E-01	1.37E-11	1,000,000	1.37E-05
13	5.9278E-07	4.1542E-08	1.05E-03	4.34E-11	2.00	1.57E-01	1.36E-11	1,000,000	1.36E-05
14	5.9278E-07	4.1299E-08	1.05E-03	4.32E-11	2.00	1.57E-01	1.36E-11	1,000,000	1.36E-05
15	5.9278E-07	4.1074E-08	1.05E-03	4.29E-11	2.00	1.57E-01	1.35E-11	1,000,000	1.35E-05
16	5.9278E-07	4.4234E-08	1.05E-03	4.62E-11	2.00	1.57E-01	1.45E-11	1,000,000	1.45E-05
17	5.9278E-07	4.3919E-08	1.05E-03	4.59E-11	2.00	1.57E-01	1.44E-11	1,000,000	1.44E-05
18	5.9278E-07	4.3576E-08	1.05E-03	4.55E-11	2.00	1.57E-01	1.43E-11	1,000,000	1.43E-05
19	5.9278E-07	4.3244E-08	1.05E-03	4.52E-11	2.00	1.57E-01	1.42E-11	1,000,000	1.42E-05
20	5.9278E-07	4.2947E-08	1.05E-03	4.49E-11	2.00	1.57E-01	1.41E-11	1,000,000	1.41E-05
21	5.9278E-07	4.2657E-08	1.05E-03	4.46E-11	2.00	1.57E-01	1.40E-11	1,000,000	1.40E-05
22	5.9278E-07	4.2396E-08	1.05E-03	4.43E-11	2.00	1.57E-01	1.39E-11	1,000,000	1.39E-05
23	5.9278E-07	4.2165E-08	1.05E-03	4.41E-11	2.00	1.57E-01	1.39E-11	1,000,000	1.39E-05
24	5.9278E-07	4.4785E-08	1.05E-03	4.68E-11	2.00	1.57E-01	1.47E-11	1,000,000	1.47E-05
25	5.9278E-07	4.4441E-08	1.05E-03	4.64E-11	2.00	1.57E-01	1.46E-11	1,000,000	1.46E-05
26	5.9278E-07	4.4139E-08	1.05E-03	4.61E-11	2.00	1.57E-01	1.45E-11	1,000,000	1.45E-05
27	5.9278E-07	4.383E-08	1.05E-03	4.58E-11	2.00	1.57E-01	1.44E-11	1,000,000	1.44E-05
28	5.9278E-07	4.3552E-08	1.05E-03	4.55E-11	2.00	1.57E-01	1.43E-11	1,000,000	1.43E-05
29	5.9278E-07	4.3309E-08	1.05E-03	4.53E-11	2.00	1.57E-01	1.42E-11	1,000,000	1.42E-05
30	5.9278E-07	4.6053E-08	1.05E-03	4.81E-11	2.00	1.57E-01	1.51E-11	1,000,000	1.51E-05
31	5.9278E-07	4.5692E-08	1.05E-03	4.78E-11	2.00	1.57E-01	1.50E-11	1,000,000	1.50E-05
32	5.9278E-07	4.5378E-08	1.05E-03	4.74E-11	2.00	1.57E-01	1.49E-11	1,000,000	1.49E-05
33	5.9278E-07	4.5057E-08	1.05E-03	4.71E-11	2.00	1.57E-01	1.48E-11	1,000,000	1.48E-05

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 4

	Cancer Risk from Birth to 2 years								
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
34	5.9278E-07	4.4755E-08	1.05E-03	4.68E-11	2.00	1.57E-01	1.47E-11	1,000,000	1.47E-05
35	5.9278E-07	4.45E-08	1.05E-03	4.65E-11	2.00	1.57E-01	1.46E-11	1,000,000	1.46E-05
36	5.9278E-07	4.7369E-08	1.05E-03	4.95E-11	2.00	1.57E-01	1.56E-11	1,000,000	1.56E-05
37	5.9278E-07	4.7002E-08	1.05E-03	4.91E-11	2.00	1.57E-01	1.54E-11	1,000,000	1.54E-05
38	5.9278E-07	4.667E-08	1.05E-03	4.88E-11	2.00	1.57E-01	1.53E-11	1,000,000	1.53E-05
39	5.9278E-07	4.6332E-08	1.05E-03	4.84E-11	2.00	1.57E-01	1.52E-11	1,000,000	1.52E-05
40	5.9278E-07	4.6018E-08	1.05E-03	4.81E-11	2.00	1.57E-01	1.51E-11	1,000,000	1.51E-05
41	5.9278E-07	4.5751E-08	1.05E-03	4.78E-11	2.00	1.57E-01	1.50E-11	1,000,000	1.50E-05
42	5.9278E-07	5.2337E-08	1.05E-03	5.47E-11	2.00	1.57E-01	1.72E-11	1,000,000	1.72E-05
43	5.9278E-07	5.2165E-08	1.05E-03	5.45E-11	2.00	1.57E-01	1.71E-11	1,000,000	1.71E-05
44	5.9278E-07	5.1963E-08	1.05E-03	5.43E-11	2.00	1.57E-01	1.71E-11	1,000,000	1.71E-05
45	5.9278E-07	5.1738E-08	1.05E-03	5.41E-11	2.00	1.57E-01	1.70E-11	1,000,000	1.70E-05
46	5.9278E-07	5.1495E-08	1.05E-03	5.38E-11	2.00	1.57E-01	1.69E-11	1,000,000	1.69E-05
47	5.9278E-07	5.1246E-08	1.05E-03	5.36E-11	2.00	1.57E-01	1.68E-11	1,000,000	1.68E-05
48	5.9278E-07	5.0944E-08	1.05E-03	5.32E-11	2.00	1.57E-01	1.67E-11	1,000,000	1.67E-05
49	5.9278E-07	4.8756E-08	1.05E-03	5.10E-11	2.00	1.57E-01	1.60E-11	1,000,000	1.60E-05
50	5.9278E-07	4.8371E-08	1.05E-03	5.06E-11	2.00	1.57E-01	1.59E-11	1,000,000	1.59E-05
51	5.9278E-07	4.8021E-08	1.05E-03	5.02E-11	2.00	1.57E-01	1.58E-11	1,000,000	1.58E-05
52	5.9278E-07	4.7672E-08	1.05E-03	4.98E-11	2.00	1.57E-01	1.57E-11	1,000,000	1.57E-05
53	5.9278E-07	4.734E-08	1.05E-03	4.95E-11	2.00	1.57E-01	1.56E-11	1,000,000	1.56E-05
54	5.9278E-07	4.7061E-08	1.05E-03	4.92E-11	2.00	1.57E-01	1.55E-11	1,000,000	1.55E-05
55	5.9278E-07	5.3848E-08	1.05E-03	5.63E-11	2.00	1.57E-01	1.77E-11	1,000,000	1.77E-05
56	5.9278E-07	5.3783E-08	1.05E-03	5.62E-11	2.00	1.57E-01	1.77E-11	1,000,000	1.77E-05
57	5.9278E-07	5.3629E-08	1.05E-03	5.61E-11	2.00	1.57E-01	1.76E-11	1,000,000	1.76E-05
58	5.9278E-07	5.3469E-08	1.05E-03	5.59E-11	2.00	1.57E-01	1.76E-11	1,000,000	1.76E-05
59	5.9278E-07	5.325E-08	1.05E-03	5.57E-11	2.00	1.57E-01	1.75E-11	1,000,000	1.75E-05
60	5.9278E-07	5.3001E-08	1.05E-03	5.54E-11	2.00	1.57E-01	1.74E-11	1,000,000	1.74E-05
61	5.9278E-07	5.2752E-08	1.05E-03	5.51E-11	2.00	1.57E-01	1.73E-11	1,000,000	1.73E-05
62	5.9278E-07	5.2455E-08	1.05E-03	5.48E-11	2.00	1.57E-01	1.72E-11	1,000,000	1.72E-05
63	5.9278E-07	5.2112E-08	1.05E-03	5.45E-11	2.00	1.57E-01	1.71E-11	1,000,000	1.71E-05
64	5.9278E-07	5.0215E-08	1.05E-03	5.25E-11	2.00	1.57E-01	1.65E-11	1,000,000	1.65E-05
65	5.9278E-07	4.9806E-08	1.05E-03	5.21E-11	2.00	1.57E-01	1.64E-11	1,000,000	1.64E-05
66	5.9278E-07	4.9432E-08	1.05E-03	5.17E-11	2.00	1.57E-01	1.62E-11	1,000,000	1.62E-05

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 4

					Cancer Risk from Birth to 2 years				
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
67	5.9278E-07	4.9077E-08	1.05E-03	5.13E-11	2.00	1.57E-01	1.61E-11	1,000,000	1.61E-05
68	5.9278E-07	4.8727E-08	1.05E-03	5.09E-11	2.00	1.57E-01	1.60E-11	1,000,000	1.60E-05
69	5.9278E-07	4.843E-08	1.05E-03	5.06E-11	2.00	1.57E-01	1.59E-11	1,000,000	1.59E-05
70	5.9278E-07	5.5301E-08	1.05E-03	5.78E-11	2.00	1.57E-01	1.82E-11	1,000,000	1.82E-05
71	5.9278E-07	5.5164E-08	1.05E-03	5.77E-11	2.00	1.57E-01	1.81E-11	1,000,000	1.81E-05
72	5.9278E-07	5.501E-08	1.05E-03	5.75E-11	2.00	1.57E-01	1.81E-11	1,000,000	1.81E-05
73	5.9278E-07	5.4827E-08	1.05E-03	5.73E-11	2.00	1.57E-01	1.80E-11	1,000,000	1.80E-05
74	5.9278E-07	5.4584E-08	1.05E-03	5.71E-11	2.00	1.57E-01	1.79E-11	1,000,000	1.79E-05
75	5.9278E-07	5.4311E-08	1.05E-03	5.68E-11	2.00	1.57E-01	1.78E-11	1,000,000	1.78E-05
76	5.9278E-07	5.4044E-08	1.05E-03	5.65E-11	2.00	1.57E-01	1.78E-11	1,000,000	1.78E-05
77	5.9278E-07	5.37E-08	1.05E-03	5.61E-11	2.00	1.57E-01	1.76E-11	1,000,000	1.76E-05
78	5.9278E-07	5.1329E-08	1.05E-03	5.36E-11	2.00	1.57E-01	1.69E-11	1,000,000	1.69E-05
79	5.9278E-07	5.0944E-08	1.05E-03	5.32E-11	2.00	1.57E-01	1.67E-11	1,000,000	1.67E-05
80	5.9278E-07	5.0564E-08	1.05E-03	5.29E-11	2.00	1.57E-01	1.66E-11	1,000,000	1.66E-05
81	5.9278E-07	5.0203E-08	1.05E-03	5.25E-11	2.00	1.57E-01	1.65E-11	1,000,000	1.65E-05
82	5.9278E-07	4.9889E-08	1.05E-03	5.21E-11	2.00	1.57E-01	1.64E-11	1,000,000	1.64E-05
83	5.9278E-07	5.683E-08	1.05E-03	5.94E-11	2.00	1.57E-01	1.87E-11	1,000,000	1.87E-05
84	5.9278E-07	5.6771E-08	1.05E-03	5.93E-11	2.00	1.57E-01	1.86E-11	1,000,000	1.86E-05
85	5.9278E-07	5.6617E-08	1.05E-03	5.92E-11	2.00	1.57E-01	1.86E-11	1,000,000	1.86E-05
86	5.9278E-07	5.6457E-08	1.05E-03	5.90E-11	2.00	1.57E-01	1.85E-11	1,000,000	1.85E-05
87	5.9278E-07	5.6237E-08	1.05E-03	5.88E-11	2.00	1.57E-01	1.85E-11	1,000,000	1.85E-05
88	5.9278E-07	5.5965E-08	1.05E-03	5.85E-11	2.00	1.57E-01	1.84E-11	1,000,000	1.84E-05
89	5.9278E-07	5.5692E-08	1.05E-03	5.82E-11	2.00	1.57E-01	1.83E-11	1,000,000	1.83E-05
90	5.9278E-07	5.5366E-08	1.05E-03	5.79E-11	2.00	1.57E-01	1.82E-11	1,000,000	1.82E-05
91	5.9278E-07	5.4981E-08	1.05E-03	5.75E-11	2.00	1.57E-01	1.81E-11	1,000,000	1.81E-05
92	5.9278E-07	5.3362E-08	1.05E-03	5.58E-11	2.00	1.57E-01	1.75E-11	1,000,000	1.75E-05
93	5.9278E-07	5.293E-08	1.05E-03	5.53E-11	2.00	1.57E-01	1.74E-11	1,000,000	1.74E-05
94	5.9278E-07	5.2532E-08	1.05E-03	5.49E-11	2.00	1.57E-01	1.73E-11	1,000,000	1.73E-05
95	5.9278E-07	5.2135E-08	1.05E-03	5.45E-11	2.00	1.57E-01	1.71E-11	1,000,000	1.71E-05
96	5.9278E-07	5.1756E-08	1.05E-03	5.41E-11	2.00	1.57E-01	1.70E-11	1,000,000	1.70E-05
97	5.9278E-07	5.1424E-08	1.05E-03	5.37E-11	2.00	1.57E-01	1.69E-11	1,000,000	1.69E-05
98	5.9278E-07	5.8448E-08	1.05E-03	6.11E-11	2.00	1.57E-01	1.92E-11	1,000,000	1.92E-05
99	5.9278E-07	5.83E-08	1.05E-03	6.09E-11	2.00	1.57E-01	1.92E-11	1,000,000	1.92E-05

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 4

					Cancer Risk from Birth to 2 years				
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
100	5.9278E-07	5.8134E-08	1.05E-03	6.08E-11	2.00	1.57E-01	1.91E-11	1,000,000	1.91E-05
101	5.9278E-07	5.7968E-08	1.05E-03	6.06E-11	2.00	1.57E-01	1.90E-11	1,000,000	1.90E-05
102	5.9278E-07	5.7702E-08	1.05E-03	6.03E-11	2.00	1.57E-01	1.90E-11	1,000,000	1.90E-05
103	5.9278E-07	5.7411E-08	1.05E-03	6.00E-11	2.00	1.57E-01	1.89E-11	1,000,000	1.89E-05
104	5.9278E-07	5.7109E-08	1.05E-03	5.97E-11	2.00	1.57E-01	1.88E-11	1,000,000	1.88E-05
105	5.9278E-07	5.6712E-08	1.05E-03	5.93E-11	2.00	1.57E-01	1.86E-11	1,000,000	1.86E-05
106	5.9278E-07	5.504E-08	1.05E-03	5.75E-11	2.00	1.57E-01	1.81E-11	1,000,000	1.81E-05
107	5.9278E-07	5.4601E-08	1.05E-03	5.71E-11	2.00	1.57E-01	1.79E-11	1,000,000	1.79E-05
108	5.9278E-07	5.4186E-08	1.05E-03	5.66E-11	2.00	1.57E-01	1.78E-11	1,000,000	1.78E-05
109	5.9278E-07	5.3783E-08	1.05E-03	5.62E-11	2.00	1.57E-01	1.77E-11	1,000,000	1.77E-05
110	5.9278E-07	5.3392E-08	1.05E-03	5.58E-11	2.00	1.57E-01	1.75E-11	1,000,000	1.75E-05
111	5.9278E-07	5.3048E-08	1.05E-03	5.54E-11	2.00	1.57E-01	1.74E-11	1,000,000	1.74E-05
112	5.9278E-07	6.0073E-08	1.05E-03	6.28E-11	2.00	1.57E-01	1.97E-11	1,000,000	1.97E-05
113	5.9278E-07	5.9924E-08	1.05E-03	6.26E-11	2.00	1.57E-01	1.97E-11	1,000,000	1.97E-05
114	5.9278E-07	5.9764E-08	1.05E-03	6.25E-11	2.00	1.57E-01	1.96E-11	1,000,000	1.96E-05
115	5.9278E-07	5.9527E-08	1.05E-03	6.22E-11	2.00	1.57E-01	1.96E-11	1,000,000	1.96E-05
116	5.9278E-07	5.9225E-08	1.05E-03	6.19E-11	2.00	1.57E-01	1.95E-11	1,000,000	1.95E-05
117	5.9278E-07	5.8917E-08	1.05E-03	6.16E-11	2.00	1.57E-01	1.94E-11	1,000,000	1.94E-05
118	5.9278E-07	5.8543E-08	1.05E-03	6.12E-11	2.00	1.57E-01	1.92E-11	1,000,000	1.92E-05
119	5.9278E-07	5.8122E-08	1.05E-03	6.07E-11	2.00	1.57E-01	1.91E-11	1,000,000	1.91E-05
120	5.9278E-07	5.6789E-08	1.05E-03	5.94E-11	2.00	1.57E-01	1.87E-11	1,000,000	1.87E-05
121	5.9278E-07	5.6368E-08	1.05E-03	5.89E-11	2.00	1.57E-01	1.85E-11	1,000,000	1.85E-05
122	5.9278E-07	5.5923E-08	1.05E-03	5.85E-11	2.00	1.57E-01	1.84E-11	1,000,000	1.84E-05
123	5.9278E-07	5.5508E-08	1.05E-03	5.80E-11	2.00	1.57E-01	1.82E-11	1,000,000	1.82E-05
124	5.9278E-07	5.5111E-08	1.05E-03	5.76E-11	2.00	1.57E-01	1.81E-11	1,000,000	1.81E-05
125	5.9278E-07	5.4749E-08	1.05E-03	5.72E-11	2.00	1.57E-01	1.80E-11	1,000,000	1.80E-05
126	5.9278E-07	6.194E-08	1.05E-03	6.47E-11	2.00	1.57E-01	2.03E-11	1,000,000	2.03E-05
127	5.9278E-07	6.181E-08	1.05E-03	6.46E-11	2.00	1.57E-01	2.03E-11	1,000,000	2.03E-05
128	5.9278E-07	6.1632E-08	1.05E-03	6.44E-11	2.00	1.57E-01	2.02E-11	1,000,000	2.02E-05
129	5.9278E-07	6.1436E-08	1.05E-03	6.42E-11	2.00	1.57E-01	2.02E-11	1,000,000	2.02E-05
130	5.9278E-07	6.114E-08	1.05E-03	6.39E-11	2.00	1.57E-01	2.01E-11	1,000,000	2.01E-05
131	5.9278E-07	6.0808E-08	1.05E-03	6.36E-11	2.00	1.57E-01	2.00E-11	1,000,000	2.00E-05
132	5.9278E-07	6.0464E-08	1.05E-03	6.32E-11	2.00	1.57E-01	1.99E-11	1,000,000	1.99E-05

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 4

					Cancer Risk from Birth to 2 years				
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
133	5.9278E-07	6.0031E-08	1.05E-03	6.27E-11	2.00	1.57E-01	1.97E-11	1,000,000	1.97E-05
134	5.9278E-07	5.8265E-08	1.05E-03	6.09E-11	2.00	1.57E-01	1.91E-11	1,000,000	1.91E-05
135	5.9278E-07	5.7785E-08	1.05E-03	6.04E-11	2.00	1.57E-01	1.90E-11	1,000,000	1.90E-05
136	5.9278E-07	5.7328E-08	1.05E-03	5.99E-11	2.00	1.57E-01	1.88E-11	1,000,000	1.88E-05
137	5.9278E-07	5.6919E-08	1.05E-03	5.95E-11	2.00	1.57E-01	1.87E-11	1,000,000	1.87E-05
138	5.9278E-07	5.6552E-08	1.05E-03	5.91E-11	2.00	1.57E-01	1.86E-11	1,000,000	1.86E-05
139	5.9278E-07	6.3784E-08	1.05E-03	6.67E-11	2.00	1.57E-01	2.10E-11	1,000,000	2.10E-05
140	5.9278E-07	6.3606E-08	1.05E-03	6.65E-11	2.00	1.57E-01	2.09E-11	1,000,000	2.09E-05
141	5.9278E-07	6.341E-08	1.05E-03	6.63E-11	2.00	1.57E-01	2.08E-11	1,000,000	2.08E-05
142	5.9278E-07	6.3149E-08	1.05E-03	6.60E-11	2.00	1.57E-01	2.07E-11	1,000,000	2.07E-05
143	5.9278E-07	6.2805E-08	1.05E-03	6.56E-11	2.00	1.57E-01	2.06E-11	1,000,000	2.06E-05
144	5.9278E-07	6.2456E-08	1.05E-03	6.53E-11	2.00	1.57E-01	2.05E-11	1,000,000	2.05E-05
145	5.9278E-07	6.2059E-08	1.05E-03	6.49E-11	2.00	1.57E-01	2.04E-11	1,000,000	2.04E-05
146	5.9278E-07	6.1596E-08	1.05E-03	6.44E-11	2.00	1.57E-01	2.02E-11	1,000,000	2.02E-05
147	5.9278E-07	6.0221E-08	1.05E-03	6.29E-11	2.00	1.57E-01	1.98E-11	1,000,000	1.98E-05
148	5.9278E-07	5.9735E-08	1.05E-03	6.24E-11	2.00	1.57E-01	1.96E-11	1,000,000	1.96E-05
149	5.9278E-07	5.9267E-08	1.05E-03	6.19E-11	2.00	1.57E-01	1.95E-11	1,000,000	1.95E-05
150	5.9278E-07	5.8834E-08	1.05E-03	6.15E-11	2.00	1.57E-01	1.93E-11	1,000,000	1.93E-05
151	5.9278E-07	5.8443E-08	1.05E-03	6.11E-11	2.00	1.57E-01	1.92E-11	1,000,000	1.92E-05
152	5.9278E-07	6.5829E-08	1.05E-03	6.88E-11	2.00	1.57E-01	2.16E-11	1,000,000	2.16E-05
153	5.9278E-07	6.5686E-08	1.05E-03	6.87E-11	2.00	1.57E-01	2.16E-11	1,000,000	2.16E-05
154	5.9278E-07	6.5491E-08	1.05E-03	6.85E-11	2.00	1.57E-01	2.15E-11	1,000,000	2.15E-05
155	5.9278E-07	6.526E-08	1.05E-03	6.82E-11	2.00	1.57E-01	2.14E-11	1,000,000	2.14E-05
156	5.9278E-07	6.4934E-08	1.05E-03	6.79E-11	2.00	1.57E-01	2.13E-11	1,000,000	2.13E-05
157	5.9278E-07	6.456E-08	1.05E-03	6.75E-11	2.00	1.57E-01	2.12E-11	1,000,000	2.12E-05
158	5.9278E-07	6.4163E-08	1.05E-03	6.71E-11	2.00	1.57E-01	2.11E-11	1,000,000	2.11E-05
159	5.9278E-07	6.373E-08	1.05E-03	6.66E-11	2.00	1.57E-01	2.09E-11	1,000,000	2.09E-05
160	5.9278E-07	6.328E-08	1.05E-03	6.61E-11	2.00	1.57E-01	2.08E-11	1,000,000	2.08E-05
161	5.9278E-07	6.2794E-08	1.05E-03	6.56E-11	2.00	1.57E-01	2.06E-11	1,000,000	2.06E-05
162	5.9278E-07	6.2307E-08	1.05E-03	6.51E-11	2.00	1.57E-01	2.05E-11	1,000,000	2.05E-05
163	5.9278E-07	6.1821E-08	1.05E-03	6.46E-11	2.00	1.57E-01	2.03E-11	1,000,000	2.03E-05
164	5.9278E-07	6.1335E-08	1.05E-03	6.41E-11	2.00	1.57E-01	2.01E-11	1,000,000	2.01E-05
165	5.9278E-07	6.0849E-08	1.05E-03	6.36E-11	2.00	1.57E-01	2.00E-11	1,000,000	2.00E-05

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 4

	Cancer Risk from Birth to 2 years								
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
166	5.9278E-07	6.0422E-08	1.05E-03	6.32E-11	2.00	1.57E-01	1.98E-11	1,000,000	1.98E-05
167	5.9278E-07	6.7874E-08	1.05E-03	7.09E-11	2.00	1.57E-01	2.23E-11	1,000,000	2.23E-05
168	5.9278E-07	6.7678E-08	1.05E-03	7.07E-11	2.00	1.57E-01	2.22E-11	1,000,000	2.22E-05
169	5.9278E-07	6.7453E-08	1.05E-03	7.05E-11	2.00	1.57E-01	2.22E-11	1,000,000	2.22E-05
170	5.9278E-07	6.7168E-08	1.05E-03	7.02E-11	2.00	1.57E-01	2.21E-11	1,000,000	2.21E-05
171	5.9278E-07	6.6807E-08	1.05E-03	6.98E-11	2.00	1.57E-01	2.19E-11	1,000,000	2.19E-05
172	5.9278E-07	6.6415E-08	1.05E-03	6.94E-11	2.00	1.57E-01	2.18E-11	1,000,000	2.18E-05
173	5.9278E-07	6.6001E-08	1.05E-03	6.90E-11	2.00	1.57E-01	2.17E-11	1,000,000	2.17E-05
174	5.9278E-07	6.5556E-08	1.05E-03	6.85E-11	2.00	1.57E-01	2.15E-11	1,000,000	2.15E-05
175	5.9278E-07	6.5052E-08	1.05E-03	6.80E-11	2.00	1.57E-01	2.14E-11	1,000,000	2.14E-05
176	5.9278E-07	6.4542E-08	1.05E-03	6.75E-11	2.00	1.57E-01	2.12E-11	1,000,000	2.12E-05
177	5.9278E-07	6.4021E-08	1.05E-03	6.69E-11	2.00	1.57E-01	2.10E-11	1,000,000	2.10E-05
178	5.9278E-07	6.3499E-08	1.05E-03	6.64E-11	2.00	1.57E-01	2.09E-11	1,000,000	2.09E-05
179	5.9278E-07	6.2977E-08	1.05E-03	6.58E-11	2.00	1.57E-01	2.07E-11	1,000,000	2.07E-05
180	5.9278E-07	6.2527E-08	1.05E-03	6.54E-11	2.00	1.57E-01	2.05E-11	1,000,000	2.05E-05
181	5.9278E-07	7.0085E-08	1.05E-03	7.33E-11	2.00	1.57E-01	2.30E-11	1,000,000	2.30E-05
182	5.9278E-07	6.9984E-08	1.05E-03	7.31E-11	2.00	1.57E-01	2.30E-11	1,000,000	2.30E-05
183	5.9278E-07	6.9759E-08	1.05E-03	7.29E-11	2.00	1.57E-01	2.29E-11	1,000,000	2.29E-05
184	5.9278E-07	6.9498E-08	1.05E-03	7.26E-11	2.00	1.57E-01	2.28E-11	1,000,000	2.28E-05
185	5.9278E-07	6.9166E-08	1.05E-03	7.23E-11	2.00	1.57E-01	2.27E-11	1,000,000	2.27E-05
186	5.9278E-07	6.8781E-08	1.05E-03	7.19E-11	2.00	1.57E-01	2.26E-11	1,000,000	2.26E-05
187	5.9278E-07	6.836E-08	1.05E-03	7.15E-11	2.00	1.57E-01	2.25E-11	1,000,000	2.25E-05
188	5.9278E-07	6.7892E-08	1.05E-03	7.10E-11	2.00	1.57E-01	2.23E-11	1,000,000	2.23E-05
189	5.9278E-07	6.7382E-08	1.05E-03	7.04E-11	2.00	1.57E-01	2.21E-11	1,000,000	2.21E-05
190	5.9278E-07	6.6848E-08	1.05E-03	6.99E-11	2.00	1.57E-01	2.20E-11	1,000,000	2.20E-05
191	5.9278E-07	6.6309E-08	1.05E-03	6.93E-11	2.00	1.57E-01	2.18E-11	1,000,000	2.18E-05
192	5.9278E-07	6.5769E-08	1.05E-03	6.87E-11	2.00	1.57E-01	2.16E-11	1,000,000	2.16E-05
193	5.9278E-07	6.5242E-08	1.05E-03	6.82E-11	2.00	1.57E-01	2.14E-11	1,000,000	2.14E-05
194	5.9278E-07	6.4773E-08	1.05E-03	6.77E-11	2.00	1.57E-01	2.13E-11	1,000,000	2.13E-05
195	5.9278E-07	7.2414E-08	1.05E-03	7.57E-11	2.00	1.57E-01	2.38E-11	1,000,000	2.38E-05
196	5.9278E-07	7.2207E-08	1.05E-03	7.55E-11	2.00	1.57E-01	2.37E-11	1,000,000	2.37E-05
197	5.9278E-07	7.1946E-08	1.05E-03	7.52E-11	2.00	1.57E-01	2.36E-11	1,000,000	2.36E-05
198	5.9278E-07	7.1668E-08	1.05E-03	7.49E-11	2.00	1.57E-01	2.35E-11	1,000,000	2.35E-05

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 4

					Cancer Risk from Birth to 2 years				
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
199	5.9278E-07	7.13E-08	1.05E-03	7.45E-11	2.00	1.57E-01	2.34E-11	1,000,000	2.34E-05
200	5.9278E-07	7.0873E-08	1.05E-03	7.41E-11	2.00	1.57E-01	2.33E-11	1,000,000	2.33E-05
201	5.9278E-07	7.0393E-08	1.05E-03	7.36E-11	2.00	1.57E-01	2.31E-11	1,000,000	2.31E-05
202	5.9278E-07	6.9877E-08	1.05E-03	7.30E-11	2.00	1.57E-01	2.30E-11	1,000,000	2.30E-05
203	5.9278E-07	6.9326E-08	1.05E-03	7.25E-11	2.00	1.57E-01	2.28E-11	1,000,000	2.28E-05
204	5.9278E-07	6.8775E-08	1.05E-03	7.19E-11	2.00	1.57E-01	2.26E-11	1,000,000	2.26E-05
205	5.9278E-07	6.8223E-08	1.05E-03	7.13E-11	2.00	1.57E-01	2.24E-11	1,000,000	2.24E-05
206	5.9278E-07	6.7666E-08	1.05E-03	7.07E-11	2.00	1.57E-01	2.22E-11	1,000,000	2.22E-05
207	5.9278E-07	6.7162E-08	1.05E-03	7.02E-11	2.00	1.57E-01	2.21E-11	1,000,000	2.21E-05
208	5.9278E-07	7.4797E-08	1.05E-03	7.82E-11	2.00	1.57E-01	2.46E-11	1,000,000	2.46E-05
209	5.9278E-07	7.4548E-08	1.05E-03	7.79E-11	2.00	1.57E-01	2.45E-11	1,000,000	2.45E-05
210	5.9278E-07	7.4258E-08	1.05E-03	7.76E-11	2.00	1.57E-01	2.44E-11	1,000,000	2.44E-05
211	5.9278E-07	7.3926E-08	1.05E-03	7.73E-11	2.00	1.57E-01	2.43E-11	1,000,000	2.43E-05
212	5.9278E-07	7.3517E-08	1.05E-03	7.68E-11	2.00	1.57E-01	2.41E-11	1,000,000	2.41E-05
213	5.9278E-07	7.3043E-08	1.05E-03	7.63E-11	2.00	1.57E-01	2.40E-11	1,000,000	2.40E-05
214	5.9278E-07	7.2527E-08	1.05E-03	7.58E-11	2.00	1.57E-01	2.38E-11	1,000,000	2.38E-05
215	5.9278E-07	7.1988E-08	1.05E-03	7.52E-11	2.00	1.57E-01	2.36E-11	1,000,000	2.36E-05
216	5.9278E-07	7.1413E-08	1.05E-03	7.46E-11	2.00	1.57E-01	2.35E-11	1,000,000	2.35E-05
217	5.9278E-07	7.0832E-08	1.05E-03	7.40E-11	2.00	1.57E-01	2.33E-11	1,000,000	2.33E-05
218	5.9278E-07	7.0245E-08	1.05E-03	7.34E-11	2.00	1.57E-01	2.31E-11	1,000,000	2.31E-05
219	5.9278E-07	6.9699E-08	1.05E-03	7.29E-11	2.00	1.57E-01	2.29E-11	1,000,000	2.29E-05
220	5.9278E-07	7.6279E-08	1.05E-03	7.97E-11	2.00	1.57E-01	2.51E-11	1,000,000	2.51E-05
221	5.9278E-07	7.5811E-08	1.05E-03	7.92E-11	2.00	1.57E-01	2.49E-11	1,000,000	2.49E-05
222	5.9278E-07	7.5295E-08	1.05E-03	7.87E-11	2.00	1.57E-01	2.47E-11	1,000,000	2.47E-05
223	5.9278E-07	7.4744E-08	1.05E-03	7.81E-11	2.00	1.57E-01	2.46E-11	1,000,000	2.46E-05
224	5.9278E-07	7.4163E-08	1.05E-03	7.75E-11	2.00	1.57E-01	2.44E-11	1,000,000	2.44E-05
225	5.9278E-07	7.3564E-08	1.05E-03	7.69E-11	2.00	1.57E-01	2.42E-11	1,000,000	2.42E-05
226	5.9278E-07	7.2972E-08	1.05E-03	7.63E-11	2.00	1.57E-01	2.40E-11	1,000,000	2.40E-05
227	5.9278E-07	7.2409E-08	1.05E-03	7.57E-11	2.00	1.57E-01	2.38E-11	1,000,000	2.38E-05
228	5.9278E-07	7.8805E-08	1.05E-03	8.24E-11	2.00	1.57E-01	2.59E-11	1,000,000	2.59E-05
229	5.9278E-07	7.8289E-08	1.05E-03	8.18E-11	2.00	1.57E-01	2.57E-11	1,000,000	2.57E-05
230	5.9278E-07	7.772E-08	1.05E-03	8.12E-11	2.00	1.57E-01	2.55E-11	1,000,000	2.55E-05
231	5.9278E-07	7.7139E-08	1.05E-03	8.06E-11	2.00	1.57E-01	2.53E-11	1,000,000	2.53E-05

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 4

					Cancer Risk from Birth to 2 years				
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
232	5.9278E-07	7.6511E-08	1.05E-03	8.00E-11	2.00	1.57E-01	2.51E-11	1,000,000	2.51E-05
233	5.9278E-07	7.59E-08	1.05E-03	7.93E-11	2.00	1.57E-01	2.49E-11	1,000,000	2.49E-05
234	5.9278E-07	7.5319E-08	1.05E-03	7.87E-11	2.00	1.57E-01	2.47E-11	1,000,000	2.47E-05
235	5.9278E-07	7.4892E-08	1.05E-03	7.83E-11	2.00	1.57E-01	2.46E-11	1,000,000	2.46E-05
236	5.9278E-07	7.7441E-08	1.05E-03	8.09E-11	2.00	1.57E-01	2.54E-11	1,000,000	2.54E-05
237	5.9278E-07	7.7174E-08	1.05E-03	8.07E-11	2.00	1.57E-01	2.54E-11	1,000,000	2.54E-05
238	5.9278E-07	7.6866E-08	1.05E-03	8.03E-11	2.00	1.57E-01	2.53E-11	1,000,000	2.53E-05
239	5.9278E-07	8.0138E-08	1.05E-03	8.38E-11	2.00	1.57E-01	2.63E-11	1,000,000	2.63E-05
240	5.9278E-07	7.986E-08	1.05E-03	8.35E-11	2.00	1.57E-01	2.62E-11	1,000,000	2.62E-05
241	5.9278E-07	7.9469E-08	1.05E-03	8.31E-11	2.00	1.57E-01	2.61E-11	1,000,000	2.61E-05
242	5.9278E-07	7.9042E-08	1.05E-03	8.26E-11	2.00	1.57E-01	2.60E-11	1,000,000	2.60E-05

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 4

					Cancer Risk from Birth to 2 years				
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
243	5.9278E-07	2.3473E-07	1.05E-03	2.45E-10	2.00	1.57E-01	7.71E-11	1,000,000	7.71E-05
244	5.9278E-07	2.4297E-07	1.05E-03	2.54E-10	2.00	1.57E-01	7.98E-11	1,000,000	7.98E-05
245	5.9278E-07	2.5052E-07	1.05E-03	2.62E-10	2.00	1.57E-01	8.23E-11	1,000,000	8.23E-05
246	5.9278E-07	2.5717E-07	1.05E-03	2.69E-10	2.00	1.57E-01	8.45E-11	1,000,000	8.45E-05
247	5.9278E-07	2.6292E-07	1.05E-03	2.75E-10	2.00	1.57E-01	8.64E-11	1,000,000	8.64E-05
248	5.9278E-07	2.6759E-07	1.05E-03	2.80E-10	2.00	1.57E-01	8.79E-11	1,000,000	8.79E-05
249	5.9278E-07	2.7116E-07	1.05E-03	2.83E-10	2.00	1.57E-01	8.91E-11	1,000,000	8.91E-05
250	5.9278E-07	2.7356E-07	1.05E-03	2.86E-10	2.00	1.57E-01	8.99E-11	1,000,000	8.99E-05
251	5.9278E-07	2.748E-07	1.05E-03	2.87E-10	2.00	1.57E-01	9.03E-11	1,000,000	9.03E-05
252	5.9278E-07	2.2717E-07	1.05E-03	2.37E-10	2.00	1.57E-01	7.46E-11	1,000,000	7.46E-05
253	5.9278E-07	2.3737E-07	1.05E-03	2.48E-10	2.00	1.57E-01	7.80E-11	1,000,000	7.80E-05
254	5.9278E-07	2.4749E-07	1.05E-03	2.59E-10	2.00	1.57E-01	8.13E-11	1,000,000	8.13E-05
255	5.9278E-07	2.573E-07	1.05E-03	2.69E-10	2.00	1.57E-01	8.45E-11	1,000,000	8.45E-05
256	5.9278E-07	2.6654E-07	1.05E-03	2.79E-10	2.00	1.57E-01	8.76E-11	1,000,000	8.76E-05
257	5.9278E-07	2.7515E-07	1.05E-03	2.88E-10	2.00	1.57E-01	9.04E-11	1,000,000	9.04E-05
258	5.9278E-07	2.8269E-07	1.05E-03	2.95E-10	2.00	1.57E-01	9.29E-11	1,000,000	9.29E-05
259	5.9278E-07	2.8919E-07	1.05E-03	3.02E-10	2.00	1.57E-01	9.50E-11	1,000,000	9.50E-05
260	5.9278E-07	2.9433E-07	1.05E-03	3.08E-10	2.00	1.57E-01	9.67E-11	1,000,000	9.67E-05
261	5.9278E-07	2.9804E-07	1.05E-03	3.12E-10	2.00	1.57E-01	9.79E-11	1,000,000	9.79E-05
262	5.9278E-07	3.0019E-07	1.05E-03	3.14E-10	2.00	1.57E-01	9.86E-11	1,000,000	9.86E-05
263	5.9278E-07	2.3668E-07	1.05E-03	2.47E-10	2.00	1.57E-01	7.77E-11	1,000,000	7.77E-05
264	5.9278E-07	2.4863E-07	1.05E-03	2.60E-10	2.00	1.57E-01	8.17E-11	1,000,000	8.17E-05
265	5.9278E-07	2.6052E-07	1.05E-03	2.72E-10	2.00	1.57E-01	8.56E-11	1,000,000	8.56E-05
266	5.9278E-07	2.7234E-07	1.05E-03	2.85E-10	2.00	1.57E-01	8.95E-11	1,000,000	8.95E-05
267	5.9278E-07	2.8372E-07	1.05E-03	2.97E-10	2.00	1.57E-01	9.32E-11	1,000,000	9.32E-05
268	5.9278E-07	2.9457E-07	1.05E-03	3.08E-10	2.00	1.57E-01	9.68E-11	1,000,000	9.68E-05
269	5.9278E-07	3.0432E-07	1.05E-03	3.18E-10	2.00	1.57E-01	1.00E-10	1,000,000	1.00E-04
270	5.9278E-07	3.1297E-07	1.05E-03	3.27E-10	2.00	1.57E-01	1.03E-10	1,000,000	1.03E-04
271	5.9278E-07	3.2005E-07	1.05E-03	3.35E-10	2.00	1.57E-01	1.05E-10	1,000,000	1.05E-04
272	5.9278E-07	3.2551E-07	1.05E-03	3.40E-10	2.00	1.57E-01	1.07E-10	1,000,000	1.07E-04
273	5.9278E-07	3.292E-07	1.05E-03	3.44E-10	2.00	1.57E-01	1.08E-10	1,000,000	1.08E-04
274	5.9278E-07	3.3176E-07	1.05E-03	3.47E-10	2.00	1.57E-01	1.09E-10	1,000,000	1.09E-04
275	5.9278E-07	2.463E-07	1.05E-03	2.57E-10	2.00	1.57E-01	8.09E-11	1,000,000	8.09E-05

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 4

	Cancer Risk from Birth to 2 years								
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
276	5.9278E-07	2.5987E-07	1.05E-03	2.72E-10	2.00	1.57E-01	8.54E-11	1,000,000	8.54E-05
277	5.9278E-07	2.7378E-07	1.05E-03	2.86E-10	2.00	1.57E-01	8.99E-11	1,000,000	8.99E-05
278	5.9278E-07	2.8783E-07	1.05E-03	3.01E-10	2.00	1.57E-01	9.45E-11	1,000,000	9.45E-05
279	5.9278E-07	3.017E-07	1.05E-03	3.15E-10	2.00	1.57E-01	9.91E-11	1,000,000	9.91E-05
280	5.9278E-07	3.1514E-07	1.05E-03	3.29E-10	2.00	1.57E-01	1.04E-10	1,000,000	1.04E-04
281	5.9278E-07	3.2781E-07	1.05E-03	3.43E-10	2.00	1.57E-01	1.08E-10	1,000,000	1.08E-04
282	5.9278E-07	3.3914E-07	1.05E-03	3.54E-10	2.00	1.57E-01	1.11E-10	1,000,000	1.11E-04
283	5.9278E-07	3.4887E-07	1.05E-03	3.65E-10	2.00	1.57E-01	1.15E-10	1,000,000	1.15E-04
284	5.9278E-07	3.568E-07	1.05E-03	3.73E-10	2.00	1.57E-01	1.17E-10	1,000,000	1.17E-04
285	5.9278E-07	3.6274E-07	1.05E-03	3.79E-10	2.00	1.57E-01	1.19E-10	1,000,000	1.19E-04
286	5.9278E-07	3.6665E-07	1.05E-03	3.83E-10	2.00	1.57E-01	1.20E-10	1,000,000	1.20E-04
287	5.9278E-07	2.5583E-07	1.05E-03	2.67E-10	2.00	1.57E-01	8.40E-11	1,000,000	8.40E-05
288	5.9278E-07	2.7121E-07	1.05E-03	2.83E-10	2.00	1.57E-01	8.91E-11	1,000,000	8.91E-05
289	5.9278E-07	2.8729E-07	1.05E-03	3.00E-10	2.00	1.57E-01	9.44E-11	1,000,000	9.44E-05
290	5.9278E-07	3.0376E-07	1.05E-03	3.17E-10	2.00	1.57E-01	9.98E-11	1,000,000	9.98E-05
291	5.9278E-07	3.2044E-07	1.05E-03	3.35E-10	2.00	1.57E-01	1.05E-10	1,000,000	1.05E-04
292	5.9278E-07	3.3683E-07	1.05E-03	3.52E-10	2.00	1.57E-01	1.11E-10	1,000,000	1.11E-04
293	5.9278E-07	3.5275E-07	1.05E-03	3.69E-10	2.00	1.57E-01	1.16E-10	1,000,000	1.16E-04
294	5.9278E-07	3.6749E-07	1.05E-03	3.84E-10	2.00	1.57E-01	1.21E-10	1,000,000	1.21E-04
295	5.9278E-07	3.8064E-07	1.05E-03	3.98E-10	2.00	1.57E-01	1.25E-10	1,000,000	1.25E-04
296	5.9278E-07	3.9186E-07	1.05E-03	4.10E-10	2.00	1.57E-01	1.29E-10	1,000,000	1.29E-04
297	5.9278E-07	4.0086E-07	1.05E-03	4.19E-10	2.00	1.57E-01	1.32E-10	1,000,000	1.32E-04
298	5.9278E-07	4.072E-07	1.05E-03	4.26E-10	2.00	1.57E-01	1.34E-10	1,000,000	1.34E-04
299	5.9278E-07	2.6532E-07	1.05E-03	2.77E-10	2.00	1.57E-01	8.72E-11	1,000,000	8.72E-05
300	5.9278E-07	2.8249E-07	1.05E-03	2.95E-10	2.00	1.57E-01	9.28E-11	1,000,000	9.28E-05
301	5.9278E-07	3.0078E-07	1.05E-03	3.14E-10	2.00	1.57E-01	9.88E-11	1,000,000	9.88E-05
302	5.9278E-07	3.1989E-07	1.05E-03	3.34E-10	2.00	1.57E-01	1.05E-10	1,000,000	1.05E-04
303	5.9278E-07	3.3949E-07	1.05E-03	3.55E-10	2.00	1.57E-01	1.12E-10	1,000,000	1.12E-04
304	5.9278E-07	3.5959E-07	1.05E-03	3.76E-10	2.00	1.57E-01	1.18E-10	1,000,000	1.18E-04
305	5.9278E-07	3.7925E-07	1.05E-03	3.96E-10	2.00	1.57E-01	1.25E-10	1,000,000	1.25E-04
306	5.9278E-07	3.9827E-07	1.05E-03	4.16E-10	2.00	1.57E-01	1.31E-10	1,000,000	1.31E-04
307	5.9278E-07	4.1589E-07	1.05E-03	4.35E-10	2.00	1.57E-01	1.37E-10	1,000,000	1.37E-04
308	5.9278E-07	4.3162E-07	1.05E-03	4.51E-10	2.00	1.57E-01	1.42E-10	1,000,000	1.42E-04

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 4

					Cancer Risk from Birth to 2 years				
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
309	5.9278E-07	4.4487E-07	1.05E-03	4.65E-10	2.00	1.57E-01	1.46E-10	1,000,000	1.46E-04
310	5.9278E-07	4.5467E-07	1.05E-03	4.75E-10	2.00	1.57E-01	1.49E-10	1,000,000	1.49E-04
311	5.9278E-07	2.7473E-07	1.05E-03	2.87E-10	2.00	1.57E-01	9.02E-11	1,000,000	9.02E-05
312	5.9278E-07	2.9368E-07	1.05E-03	3.07E-10	2.00	1.57E-01	9.65E-11	1,000,000	9.65E-05
313	5.9278E-07	3.1412E-07	1.05E-03	3.28E-10	2.00	1.57E-01	1.03E-10	1,000,000	1.03E-04
314	5.9278E-07	3.3595E-07	1.05E-03	3.51E-10	2.00	1.57E-01	1.10E-10	1,000,000	1.10E-04
315	5.9278E-07	3.591E-07	1.05E-03	3.75E-10	2.00	1.57E-01	1.18E-10	1,000,000	1.18E-04
316	5.9278E-07	3.8313E-07	1.05E-03	4.00E-10	2.00	1.57E-01	1.26E-10	1,000,000	1.26E-04
317	5.9278E-07	4.0735E-07	1.05E-03	4.26E-10	2.00	1.57E-01	1.34E-10	1,000,000	1.34E-04
318	5.9278E-07	4.3158E-07	1.05E-03	4.51E-10	2.00	1.57E-01	1.42E-10	1,000,000	1.42E-04
319	5.9278E-07	4.5474E-07	1.05E-03	4.75E-10	2.00	1.57E-01	1.49E-10	1,000,000	1.49E-04
320	5.9278E-07	4.7636E-07	1.05E-03	4.98E-10	2.00	1.57E-01	1.56E-10	1,000,000	1.56E-04
321	5.9278E-07	4.9516E-07	1.05E-03	5.18E-10	2.00	1.57E-01	1.63E-10	1,000,000	1.63E-04
322	5.9278E-07	5.1032E-07	1.05E-03	5.33E-10	2.00	1.57E-01	1.68E-10	1,000,000	1.68E-04
323	5.9278E-07	2.842E-07	1.05E-03	2.97E-10	2.00	1.57E-01	9.34E-11	1,000,000	9.34E-05
324	5.9278E-07	3.0506E-07	1.05E-03	3.19E-10	2.00	1.57E-01	1.00E-10	1,000,000	1.00E-04
325	5.9278E-07	3.278E-07	1.05E-03	3.43E-10	2.00	1.57E-01	1.08E-10	1,000,000	1.08E-04
326	5.9278E-07	3.5279E-07	1.05E-03	3.69E-10	2.00	1.57E-01	1.16E-10	1,000,000	1.16E-04
327	5.9278E-07	3.7894E-07	1.05E-03	3.96E-10	2.00	1.57E-01	1.24E-10	1,000,000	1.24E-04
328	5.9278E-07	4.0712E-07	1.05E-03	4.26E-10	2.00	1.57E-01	1.34E-10	1,000,000	1.34E-04
329	5.9278E-07	4.3594E-07	1.05E-03	4.56E-10	2.00	1.57E-01	1.43E-10	1,000,000	1.43E-04
330	5.9278E-07	4.6663E-07	1.05E-03	4.88E-10	2.00	1.57E-01	1.53E-10	1,000,000	1.53E-04
331	5.9278E-07	4.9688E-07	1.05E-03	5.19E-10	2.00	1.57E-01	1.63E-10	1,000,000	1.63E-04
332	5.9278E-07	5.2592E-07	1.05E-03	5.50E-10	2.00	1.57E-01	1.73E-10	1,000,000	1.73E-04
333	5.9278E-07	5.526E-07	1.05E-03	5.78E-10	2.00	1.57E-01	1.82E-10	1,000,000	1.82E-04
334	5.9278E-07	5.7606E-07	1.05E-03	6.02E-10	2.00	1.57E-01	1.89E-10	1,000,000	1.89E-04
335	5.9278E-07	2.9384E-07	1.05E-03	3.07E-10	2.00	1.57E-01	9.65E-11	1,000,000	9.65E-05
336	5.9278E-07	3.1655E-07	1.05E-03	3.31E-10	2.00	1.57E-01	1.04E-10	1,000,000	1.04E-04
337	5.9278E-07	3.4163E-07	1.05E-03	3.57E-10	2.00	1.57E-01	1.12E-10	1,000,000	1.12E-04
338	5.9278E-07	3.6946E-07	1.05E-03	3.86E-10	2.00	1.57E-01	1.21E-10	1,000,000	1.21E-04
339	5.9278E-07	3.9926E-07	1.05E-03	4.17E-10	2.00	1.57E-01	1.31E-10	1,000,000	1.31E-04
340	5.9278E-07	4.3196E-07	1.05E-03	4.51E-10	2.00	1.57E-01	1.42E-10	1,000,000	1.42E-04
341	5.9278E-07	4.664E-07	1.05E-03	4.87E-10	2.00	1.57E-01	1.53E-10	1,000,000	1.53E-04

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 4

					Cancer Risk from 2 to 14 years				
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
1	5.9278E-07	5.6593E-08	6.05E-04	3.42E-11	14.00	4.71E-02	2.26E-11	1,000,000	2.3E-05
2	5.9278E-07	5.5894E-08	6.05E-04	3.38E-11	14.00	4.71E-02	2.23E-11	1,000,000	2.23E-05
3	5.9278E-07	5.6261E-08	6.05E-04	3.40E-11	14.00	4.71E-02	2.25E-11	1,000,000	2.25E-05
4	5.9278E-07	5.7138E-08	6.05E-04	3.46E-11	14.00	4.71E-02	2.28E-11	1,000,000	2.28E-05
5	5.9278E-07	5.7885E-08	6.05E-04	3.50E-11	14.00	4.71E-02	2.31E-11	1,000,000	2.31E-05
6	5.9278E-07	5.8348E-08	6.05E-04	3.53E-11	14.00	4.71E-02	2.33E-11	1,000,000	2.33E-05
7	5.9278E-07	5.9201E-08	6.05E-04	3.58E-11	14.00	4.71E-02	2.36E-11	1,000,000	2.36E-05
8	5.9278E-07	4.3042E-08	6.05E-04	2.60E-11	14.00	4.71E-02	1.72E-11	1,000,000	1.72E-05
9	5.9278E-07	4.2746E-08	6.05E-04	2.59E-11	14.00	4.71E-02	1.71E-11	1,000,000	1.71E-05
10	5.9278E-07	4.2414E-08	6.05E-04	2.57E-11	14.00	4.71E-02	1.69E-11	1,000,000	1.69E-05
11	5.9278E-07	4.2099E-08	6.05E-04	2.55E-11	14.00	4.71E-02	1.68E-11	1,000,000	1.68E-05
12	5.9278E-07	4.1809E-08	6.05E-04	2.53E-11	14.00	4.71E-02	1.67E-11	1,000,000	1.67E-05
13	5.9278E-07	4.1542E-08	6.05E-04	2.51E-11	14.00	4.71E-02	1.66E-11	1,000,000	1.66E-05
14	5.9278E-07	4.1299E-08	6.05E-04	2.50E-11	14.00	4.71E-02	1.65E-11	1,000,000	1.65E-05
15	5.9278E-07	4.1074E-08	6.05E-04	2.49E-11	14.00	4.71E-02	1.64E-11	1,000,000	1.64E-05
16	5.9278E-07	4.4234E-08	6.05E-04	2.68E-11	14.00	4.71E-02	1.77E-11	1,000,000	1.77E-05
17	5.9278E-07	4.3919E-08	6.05E-04	2.66E-11	14.00	4.71E-02	1.75E-11	1,000,000	1.75E-05
18	5.9278E-07	4.3576E-08	6.05E-04	2.64E-11	14.00	4.71E-02	1.74E-11	1,000,000	1.74E-05
19	5.9278E-07	4.3244E-08	6.05E-04	2.62E-11	14.00	4.71E-02	1.73E-11	1,000,000	1.73E-05
20	5.9278E-07	4.2947E-08	6.05E-04	2.60E-11	14.00	4.71E-02	1.72E-11	1,000,000	1.72E-05
21	5.9278E-07	4.2657E-08	6.05E-04	2.58E-11	14.00	4.71E-02	1.70E-11	1,000,000	1.70E-05
22	5.9278E-07	4.2396E-08	6.05E-04	2.57E-11	14.00	4.71E-02	1.69E-11	1,000,000	1.69E-05
23	5.9278E-07	4.2165E-08	6.05E-04	2.55E-11	14.00	4.71E-02	1.68E-11	1,000,000	1.68E-05
24	5.9278E-07	4.4785E-08	6.05E-04	2.71E-11	14.00	4.71E-02	1.79E-11	1,000,000	1.79E-05
25	5.9278E-07	4.4441E-08	6.05E-04	2.69E-11	14.00	4.71E-02	1.77E-11	1,000,000	1.77E-05
26	5.9278E-07	4.4139E-08	6.05E-04	2.67E-11	14.00	4.71E-02	1.76E-11	1,000,000	1.76E-05
27	5.9278E-07	4.383E-08	6.05E-04	2.65E-11	14.00	4.71E-02	1.75E-11	1,000,000	1.75E-05
28	5.9278E-07	4.3552E-08	6.05E-04	2.64E-11	14.00	4.71E-02	1.74E-11	1,000,000	1.74E-05
29	5.9278E-07	4.3309E-08	6.05E-04	2.62E-11	14.00	4.71E-02	1.73E-11	1,000,000	1.73E-05
30	5.9278E-07	4.6053E-08	6.05E-04	2.79E-11	14.00	4.71E-02	1.84E-11	1,000,000	1.84E-05
31	5.9278E-07	4.5692E-08	6.05E-04	2.76E-11	14.00	4.71E-02	1.82E-11	1,000,000	1.82E-05
32	5.9278E-07	4.5378E-08	6.05E-04	2.75E-11	14.00	4.71E-02	1.81E-11	1,000,000	1.81E-05
33	5.9278E-07	4.5057E-08	6.05E-04	2.73E-11	14.00	4.71E-02	1.80E-11	1,000,000	1.80E-05

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 4

	Cancer Risk from 2 to 14 years								
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
34	5.9278E-07	4.4755E-08	6.05E-04	2.71E-11	14.00	4.71E-02	1.79E-11	1,000,000	1.79E-05
35	5.9278E-07	4.45E-08	6.05E-04	2.69E-11	14.00	4.71E-02	1.78E-11	1,000,000	1.78E-05
36	5.9278E-07	4.7369E-08	6.05E-04	2.87E-11	14.00	4.71E-02	1.89E-11	1,000,000	1.89E-05
37	5.9278E-07	4.7002E-08	6.05E-04	2.84E-11	14.00	4.71E-02	1.88E-11	1,000,000	1.88E-05
38	5.9278E-07	4.667E-08	6.05E-04	2.82E-11	14.00	4.71E-02	1.86E-11	1,000,000	1.86E-05
39	5.9278E-07	4.6332E-08	6.05E-04	2.80E-11	14.00	4.71E-02	1.85E-11	1,000,000	1.85E-05
40	5.9278E-07	4.6018E-08	6.05E-04	2.78E-11	14.00	4.71E-02	1.84E-11	1,000,000	1.84E-05
41	5.9278E-07	4.5751E-08	6.05E-04	2.77E-11	14.00	4.71E-02	1.83E-11	1,000,000	1.83E-05
42	5.9278E-07	5.2337E-08	6.05E-04	3.17E-11	14.00	4.71E-02	2.09E-11	1,000,000	2.09E-05
43	5.9278E-07	5.2165E-08	6.05E-04	3.16E-11	14.00	4.71E-02	2.08E-11	1,000,000	2.08E-05
44	5.9278E-07	5.1963E-08	6.05E-04	3.14E-11	14.00	4.71E-02	2.08E-11	1,000,000	2.08E-05
45	5.9278E-07	5.1738E-08	6.05E-04	3.13E-11	14.00	4.71E-02	2.07E-11	1,000,000	2.07E-05
46	5.9278E-07	5.1495E-08	6.05E-04	3.12E-11	14.00	4.71E-02	2.06E-11	1,000,000	2.06E-05
47	5.9278E-07	5.1246E-08	6.05E-04	3.10E-11	14.00	4.71E-02	2.05E-11	1,000,000	2.05E-05
48	5.9278E-07	5.0944E-08	6.05E-04	3.08E-11	14.00	4.71E-02	2.03E-11	1,000,000	2.03E-05
49	5.9278E-07	4.8756E-08	6.05E-04	2.95E-11	14.00	4.71E-02	1.95E-11	1,000,000	1.95E-05
50	5.9278E-07	4.8371E-08	6.05E-04	2.93E-11	14.00	4.71E-02	1.93E-11	1,000,000	1.93E-05
51	5.9278E-07	4.8021E-08	6.05E-04	2.91E-11	14.00	4.71E-02	1.92E-11	1,000,000	1.92E-05
52	5.9278E-07	4.7672E-08	6.05E-04	2.88E-11	14.00	4.71E-02	1.90E-11	1,000,000	1.90E-05
53	5.9278E-07	4.734E-08	6.05E-04	2.86E-11	14.00	4.71E-02	1.89E-11	1,000,000	1.89E-05
54	5.9278E-07	4.7061E-08	6.05E-04	2.85E-11	14.00	4.71E-02	1.88E-11	1,000,000	1.88E-05
55	5.9278E-07	5.3848E-08	6.05E-04	3.26E-11	14.00	4.71E-02	2.15E-11	1,000,000	2.15E-05
56	5.9278E-07	5.3783E-08	6.05E-04	3.25E-11	14.00	4.71E-02	2.15E-11	1,000,000	2.15E-05
57	5.9278E-07	5.3629E-08	6.05E-04	3.24E-11	14.00	4.71E-02	2.14E-11	1,000,000	2.14E-05
58	5.9278E-07	5.3469E-08	6.05E-04	3.24E-11	14.00	4.71E-02	2.14E-11	1,000,000	2.14E-05
59	5.9278E-07	5.325E-08	6.05E-04	3.22E-11	14.00	4.71E-02	2.13E-11	1,000,000	2.13E-05
60	5.9278E-07	5.3001E-08	6.05E-04	3.21E-11	14.00	4.71E-02	2.12E-11	1,000,000	2.12E-05
61	5.9278E-07	5.2752E-08	6.05E-04	3.19E-11	14.00	4.71E-02	2.11E-11	1,000,000	2.11E-05
62	5.9278E-07	5.2455E-08	6.05E-04	3.17E-11	14.00	4.71E-02	2.09E-11	1,000,000	2.09E-05
63	5.9278E-07	5.2112E-08	6.05E-04	3.15E-11	14.00	4.71E-02	2.08E-11	1,000,000	2.08E-05
64	5.9278E-07	5.0215E-08	6.05E-04	3.04E-11	14.00	4.71E-02	2.01E-11	1,000,000	2.01E-05
65	5.9278E-07	4.9806E-08	6.05E-04	3.01E-11	14.00	4.71E-02	1.99E-11	1,000,000	1.99E-05
66	5.9278E-07	4.9432E-08	6.05E-04	2.99E-11	14.00	4.71E-02	1.97E-11	1,000,000	1.97E-05

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 4

					Cancer Risk from 2 to 14 years				
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
67	5.9278E-07	4.9077E-08	6.05E-04	2.97E-11	14.00	4.71E-02	1.96E-11	1,000,000	1.96E-05
68	5.9278E-07	4.8727E-08	6.05E-04	2.95E-11	14.00	4.71E-02	1.95E-11	1,000,000	1.95E-05
69	5.9278E-07	4.843E-08	6.05E-04	2.93E-11	14.00	4.71E-02	1.93E-11	1,000,000	1.93E-05
70	5.9278E-07	5.5301E-08	6.05E-04	3.35E-11	14.00	4.71E-02	2.21E-11	1,000,000	2.21E-05
71	5.9278E-07	5.5164E-08	6.05E-04	3.34E-11	14.00	4.71E-02	2.20E-11	1,000,000	2.20E-05
72	5.9278E-07	5.501E-08	6.05E-04	3.33E-11	14.00	4.71E-02	2.20E-11	1,000,000	2.20E-05
73	5.9278E-07	5.4827E-08	6.05E-04	3.32E-11	14.00	4.71E-02	2.19E-11	1,000,000	2.19E-05
74	5.9278E-07	5.4584E-08	6.05E-04	3.30E-11	14.00	4.71E-02	2.18E-11	1,000,000	2.18E-05
75	5.9278E-07	5.4311E-08	6.05E-04	3.29E-11	14.00	4.71E-02	2.17E-11	1,000,000	2.17E-05
76	5.9278E-07	5.4044E-08	6.05E-04	3.27E-11	14.00	4.71E-02	2.16E-11	1,000,000	2.16E-05
77	5.9278E-07	5.37E-08	6.05E-04	3.25E-11	14.00	4.71E-02	2.14E-11	1,000,000	2.14E-05
78	5.9278E-07	5.1329E-08	6.05E-04	3.11E-11	14.00	4.71E-02	2.05E-11	1,000,000	2.05E-05
79	5.9278E-07	5.0944E-08	6.05E-04	3.08E-11	14.00	4.71E-02	2.03E-11	1,000,000	2.03E-05
80	5.9278E-07	5.0564E-08	6.05E-04	3.06E-11	14.00	4.71E-02	2.02E-11	1,000,000	2.02E-05
81	5.9278E-07	5.0203E-08	6.05E-04	3.04E-11	14.00	4.71E-02	2.00E-11	1,000,000	2.00E-05
82	5.9278E-07	4.9889E-08	6.05E-04	3.02E-11	14.00	4.71E-02	1.99E-11	1,000,000	1.99E-05
83	5.9278E-07	5.683E-08	6.05E-04	3.44E-11	14.00	4.71E-02	2.27E-11	1,000,000	2.27E-05
84	5.9278E-07	5.6771E-08	6.05E-04	3.44E-11	14.00	4.71E-02	2.27E-11	1,000,000	2.27E-05
85	5.9278E-07	5.6617E-08	6.05E-04	3.43E-11	14.00	4.71E-02	2.26E-11	1,000,000	2.26E-05
86	5.9278E-07	5.6457E-08	6.05E-04	3.42E-11	14.00	4.71E-02	2.25E-11	1,000,000	2.25E-05
87	5.9278E-07	5.6237E-08	6.05E-04	3.40E-11	14.00	4.71E-02	2.25E-11	1,000,000	2.25E-05
88	5.9278E-07	5.5965E-08	6.05E-04	3.39E-11	14.00	4.71E-02	2.23E-11	1,000,000	2.23E-05
89	5.9278E-07	5.5692E-08	6.05E-04	3.37E-11	14.00	4.71E-02	2.22E-11	1,000,000	2.22E-05
90	5.9278E-07	5.5366E-08	6.05E-04	3.35E-11	14.00	4.71E-02	2.21E-11	1,000,000	2.21E-05
91	5.9278E-07	5.4981E-08	6.05E-04	3.33E-11	14.00	4.71E-02	2.20E-11	1,000,000	2.20E-05
92	5.9278E-07	5.3362E-08	6.05E-04	3.23E-11	14.00	4.71E-02	2.13E-11	1,000,000	2.13E-05
93	5.9278E-07	5.293E-08	6.05E-04	3.20E-11	14.00	4.71E-02	2.11E-11	1,000,000	2.11E-05
94	5.9278E-07	5.2532E-08	6.05E-04	3.18E-11	14.00	4.71E-02	2.10E-11	1,000,000	2.10E-05
95	5.9278E-07	5.2135E-08	6.05E-04	3.15E-11	14.00	4.71E-02	2.08E-11	1,000,000	2.08E-05
96	5.9278E-07	5.1756E-08	6.05E-04	3.13E-11	14.00	4.71E-02	2.07E-11	1,000,000	2.07E-05
97	5.9278E-07	5.1424E-08	6.05E-04	3.11E-11	14.00	4.71E-02	2.05E-11	1,000,000	2.05E-05
98	5.9278E-07	5.8448E-08	6.05E-04	3.54E-11	14.00	4.71E-02	2.33E-11	1,000,000	2.33E-05
99	5.9278E-07	5.83E-08	6.05E-04	3.53E-11	14.00	4.71E-02	2.33E-11	1,000,000	2.33E-05

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 4

	Cancer Risk from 2 to 14 years								
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
100	5.9278E-07	5.8134E-08	6.05E-04	3.52E-11	14.00	4.71E-02	2.32E-11	1,000,000	2.32E-05
101	5.9278E-07	5.7968E-08	6.05E-04	3.51E-11	14.00	4.71E-02	2.31E-11	1,000,000	2.31E-05
102	5.9278E-07	5.7702E-08	6.05E-04	3.49E-11	14.00	4.71E-02	2.30E-11	1,000,000	2.30E-05
103	5.9278E-07	5.7411E-08	6.05E-04	3.47E-11	14.00	4.71E-02	2.29E-11	1,000,000	2.29E-05
104	5.9278E-07	5.7109E-08	6.05E-04	3.46E-11	14.00	4.71E-02	2.28E-11	1,000,000	2.28E-05
105	5.9278E-07	5.6712E-08	6.05E-04	3.43E-11	14.00	4.71E-02	2.26E-11	1,000,000	2.26E-05
106	5.9278E-07	5.504E-08	6.05E-04	3.33E-11	14.00	4.71E-02	2.20E-11	1,000,000	2.20E-05
107	5.9278E-07	5.4601E-08	6.05E-04	3.30E-11	14.00	4.71E-02	2.18E-11	1,000,000	2.18E-05
108	5.9278E-07	5.4186E-08	6.05E-04	3.28E-11	14.00	4.71E-02	2.16E-11	1,000,000	2.16E-05
109	5.9278E-07	5.3783E-08	6.05E-04	3.25E-11	14.00	4.71E-02	2.15E-11	1,000,000	2.15E-05
110	5.9278E-07	5.3392E-08	6.05E-04	3.23E-11	14.00	4.71E-02	2.13E-11	1,000,000	2.13E-05
111	5.9278E-07	5.3048E-08	6.05E-04	3.21E-11	14.00	4.71E-02	2.12E-11	1,000,000	2.12E-05
112	5.9278E-07	6.0073E-08	6.05E-04	3.63E-11	14.00	4.71E-02	2.40E-11	1,000,000	2.40E-05
113	5.9278E-07	5.9924E-08	6.05E-04	3.63E-11	14.00	4.71E-02	2.39E-11	1,000,000	2.39E-05
114	5.9278E-07	5.9764E-08	6.05E-04	3.62E-11	14.00	4.71E-02	2.39E-11	1,000,000	2.39E-05
115	5.9278E-07	5.9527E-08	6.05E-04	3.60E-11	14.00	4.71E-02	2.38E-11	1,000,000	2.38E-05
116	5.9278E-07	5.9225E-08	6.05E-04	3.58E-11	14.00	4.71E-02	2.37E-11	1,000,000	2.37E-05
117	5.9278E-07	5.8917E-08	6.05E-04	3.56E-11	14.00	4.71E-02	2.35E-11	1,000,000	2.35E-05
118	5.9278E-07	5.8543E-08	6.05E-04	3.54E-11	14.00	4.71E-02	2.34E-11	1,000,000	2.34E-05
119	5.9278E-07	5.8122E-08	6.05E-04	3.52E-11	14.00	4.71E-02	2.32E-11	1,000,000	2.32E-05
120	5.9278E-07	5.6789E-08	6.05E-04	3.44E-11	14.00	4.71E-02	2.27E-11	1,000,000	2.27E-05
121	5.9278E-07	5.6368E-08	6.05E-04	3.41E-11	14.00	4.71E-02	2.25E-11	1,000,000	2.25E-05
122	5.9278E-07	5.5923E-08	6.05E-04	3.38E-11	14.00	4.71E-02	2.23E-11	1,000,000	2.23E-05
123	5.9278E-07	5.5508E-08	6.05E-04	3.36E-11	14.00	4.71E-02	2.22E-11	1,000,000	2.22E-05
124	5.9278E-07	5.5111E-08	6.05E-04	3.33E-11	14.00	4.71E-02	2.20E-11	1,000,000	2.20E-05
125	5.9278E-07	5.4749E-08	6.05E-04	3.31E-11	14.00	4.71E-02	2.19E-11	1,000,000	2.19E-05
126	5.9278E-07	6.194E-08	6.05E-04	3.75E-11	14.00	4.71E-02	2.47E-11	1,000,000	2.47E-05
127	5.9278E-07	6.181E-08	6.05E-04	3.74E-11	14.00	4.71E-02	2.47E-11	1,000,000	2.47E-05
128	5.9278E-07	6.1632E-08	6.05E-04	3.73E-11	14.00	4.71E-02	2.46E-11	1,000,000	2.46E-05
129	5.9278E-07	6.1436E-08	6.05E-04	3.72E-11	14.00	4.71E-02	2.45E-11	1,000,000	2.45E-05
130	5.9278E-07	6.114E-08	6.05E-04	3.70E-11	14.00	4.71E-02	2.44E-11	1,000,000	2.44E-05
131	5.9278E-07	6.0808E-08	6.05E-04	3.68E-11	14.00	4.71E-02	2.43E-11	1,000,000	2.43E-05
132	5.9278E-07	6.0464E-08	6.05E-04	3.66E-11	14.00	4.71E-02	2.41E-11	1,000,000	2.41E-05

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 4

					Cancer Risk from 2 to 14 years				
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
133	5.9278E-07	6.0031E-08	6.05E-04	3.63E-11	14.00	4.71E-02	2.40E-11	1,000,000	2.40E-05
134	5.9278E-07	5.8265E-08	6.05E-04	3.53E-11	14.00	4.71E-02	2.33E-11	1,000,000	2.33E-05
135	5.9278E-07	5.7785E-08	6.05E-04	3.50E-11	14.00	4.71E-02	2.31E-11	1,000,000	2.31E-05
136	5.9278E-07	5.7328E-08	6.05E-04	3.47E-11	14.00	4.71E-02	2.29E-11	1,000,000	2.29E-05
137	5.9278E-07	5.6919E-08	6.05E-04	3.44E-11	14.00	4.71E-02	2.27E-11	1,000,000	2.27E-05
138	5.9278E-07	5.6552E-08	6.05E-04	3.42E-11	14.00	4.71E-02	2.26E-11	1,000,000	2.26E-05
139	5.9278E-07	6.3784E-08	6.05E-04	3.86E-11	14.00	4.71E-02	2.55E-11	1,000,000	2.55E-05
140	5.9278E-07	6.3606E-08	6.05E-04	3.85E-11	14.00	4.71E-02	2.54E-11	1,000,000	2.54E-05
141	5.9278E-07	6.341E-08	6.05E-04	3.84E-11	14.00	4.71E-02	2.53E-11	1,000,000	2.53E-05
142	5.9278E-07	6.3149E-08	6.05E-04	3.82E-11	14.00	4.71E-02	2.52E-11	1,000,000	2.52E-05
143	5.9278E-07	6.2805E-08	6.05E-04	3.80E-11	14.00	4.71E-02	2.51E-11	1,000,000	2.51E-05
144	5.9278E-07	6.2456E-08	6.05E-04	3.78E-11	14.00	4.71E-02	2.49E-11	1,000,000	2.49E-05
145	5.9278E-07	6.2059E-08	6.05E-04	3.75E-11	14.00	4.71E-02	2.48E-11	1,000,000	2.48E-05
146	5.9278E-07	6.1596E-08	6.05E-04	3.73E-11	14.00	4.71E-02	2.46E-11	1,000,000	2.46E-05
147	5.9278E-07	6.0221E-08	6.05E-04	3.64E-11	14.00	4.71E-02	2.40E-11	1,000,000	2.40E-05
148	5.9278E-07	5.9735E-08	6.05E-04	3.61E-11	14.00	4.71E-02	2.39E-11	1,000,000	2.39E-05
149	5.9278E-07	5.9267E-08	6.05E-04	3.59E-11	14.00	4.71E-02	2.37E-11	1,000,000	2.37E-05
150	5.9278E-07	5.8834E-08	6.05E-04	3.56E-11	14.00	4.71E-02	2.35E-11	1,000,000	2.35E-05
151	5.9278E-07	5.8443E-08	6.05E-04	3.54E-11	14.00	4.71E-02	2.33E-11	1,000,000	2.33E-05
152	5.9278E-07	6.5829E-08	6.05E-04	3.98E-11	14.00	4.71E-02	2.63E-11	1,000,000	2.63E-05
153	5.9278E-07	6.5686E-08	6.05E-04	3.97E-11	14.00	4.71E-02	2.62E-11	1,000,000	2.62E-05
154	5.9278E-07	6.5491E-08	6.05E-04	3.96E-11	14.00	4.71E-02	2.62E-11	1,000,000	2.62E-05
155	5.9278E-07	6.526E-08	6.05E-04	3.95E-11	14.00	4.71E-02	2.61E-11	1,000,000	2.61E-05
156	5.9278E-07	6.4934E-08	6.05E-04	3.93E-11	14.00	4.71E-02	2.59E-11	1,000,000	2.59E-05
157	5.9278E-07	6.456E-08	6.05E-04	3.91E-11	14.00	4.71E-02	2.58E-11	1,000,000	2.58E-05
158	5.9278E-07	6.4163E-08	6.05E-04	3.88E-11	14.00	4.71E-02	2.56E-11	1,000,000	2.56E-05
159	5.9278E-07	6.373E-08	6.05E-04	3.86E-11	14.00	4.71E-02	2.55E-11	1,000,000	2.55E-05
160	5.9278E-07	6.328E-08	6.05E-04	3.83E-11	14.00	4.71E-02	2.53E-11	1,000,000	2.53E-05
161	5.9278E-07	6.2794E-08	6.05E-04	3.80E-11	14.00	4.71E-02	2.51E-11	1,000,000	2.51E-05
162	5.9278E-07	6.2307E-08	6.05E-04	3.77E-11	14.00	4.71E-02	2.49E-11	1,000,000	2.49E-05
163	5.9278E-07	6.1821E-08	6.05E-04	3.74E-11	14.00	4.71E-02	2.47E-11	1,000,000	2.47E-05
164	5.9278E-07	6.1335E-08	6.05E-04	3.71E-11	14.00	4.71E-02	2.45E-11	1,000,000	2.45E-05
165	5.9278E-07	6.0849E-08	6.05E-04	3.68E-11	14.00	4.71E-02	2.43E-11	1,000,000	2.43E-05

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 4

					Cancer Risk from 2 to 14 years				
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
166	5.9278E-07	6.0422E-08	6.05E-04	3.66E-11	14.00	4.71E-02	2.41E-11	1,000,000	2.41E-05
167	5.9278E-07	6.7874E-08	6.05E-04	4.11E-11	14.00	4.71E-02	2.71E-11	1,000,000	2.71E-05
168	5.9278E-07	6.7678E-08	6.05E-04	4.09E-11	14.00	4.71E-02	2.70E-11	1,000,000	2.70E-05
169	5.9278E-07	6.7453E-08	6.05E-04	4.08E-11	14.00	4.71E-02	2.69E-11	1,000,000	2.69E-05
170	5.9278E-07	6.7168E-08	6.05E-04	4.06E-11	14.00	4.71E-02	2.68E-11	1,000,000	2.68E-05
171	5.9278E-07	6.6807E-08	6.05E-04	4.04E-11	14.00	4.71E-02	2.67E-11	1,000,000	2.67E-05
172	5.9278E-07	6.6415E-08	6.05E-04	4.02E-11	14.00	4.71E-02	2.65E-11	1,000,000	2.65E-05
173	5.9278E-07	6.6001E-08	6.05E-04	3.99E-11	14.00	4.71E-02	2.64E-11	1,000,000	2.64E-05
174	5.9278E-07	6.5556E-08	6.05E-04	3.97E-11	14.00	4.71E-02	2.62E-11	1,000,000	2.62E-05
175	5.9278E-07	6.5052E-08	6.05E-04	3.94E-11	14.00	4.71E-02	2.60E-11	1,000,000	2.60E-05
176	5.9278E-07	6.4542E-08	6.05E-04	3.91E-11	14.00	4.71E-02	2.58E-11	1,000,000	2.58E-05
177	5.9278E-07	6.4021E-08	6.05E-04	3.87E-11	14.00	4.71E-02	2.56E-11	1,000,000	2.56E-05
178	5.9278E-07	6.3499E-08	6.05E-04	3.84E-11	14.00	4.71E-02	2.54E-11	1,000,000	2.54E-05
179	5.9278E-07	6.2977E-08	6.05E-04	3.81E-11	14.00	4.71E-02	2.51E-11	1,000,000	2.51E-05
180	5.9278E-07	6.2527E-08	6.05E-04	3.78E-11	14.00	4.71E-02	2.50E-11	1,000,000	2.50E-05
181	5.9278E-07	7.0085E-08	6.05E-04	4.24E-11	14.00	4.71E-02	2.80E-11	1,000,000	2.80E-05
182	5.9278E-07	6.9984E-08	6.05E-04	4.23E-11	14.00	4.71E-02	2.79E-11	1,000,000	2.79E-05
183	5.9278E-07	6.9759E-08	6.05E-04	4.22E-11	14.00	4.71E-02	2.79E-11	1,000,000	2.79E-05
184	5.9278E-07	6.9498E-08	6.05E-04	4.21E-11	14.00	4.71E-02	2.78E-11	1,000,000	2.78E-05
185	5.9278E-07	6.9166E-08	6.05E-04	4.19E-11	14.00	4.71E-02	2.76E-11	1,000,000	2.76E-05
186	5.9278E-07	6.8781E-08	6.05E-04	4.16E-11	14.00	4.71E-02	2.75E-11	1,000,000	2.75E-05
187	5.9278E-07	6.836E-08	6.05E-04	4.14E-11	14.00	4.71E-02	2.73E-11	1,000,000	2.73E-05
188	5.9278E-07	6.7892E-08	6.05E-04	4.11E-11	14.00	4.71E-02	2.71E-11	1,000,000	2.71E-05
189	5.9278E-07	6.7382E-08	6.05E-04	4.08E-11	14.00	4.71E-02	2.69E-11	1,000,000	2.69E-05
190	5.9278E-07	6.6848E-08	6.05E-04	4.04E-11	14.00	4.71E-02	2.67E-11	1,000,000	2.67E-05
191	5.9278E-07	6.6309E-08	6.05E-04	4.01E-11	14.00	4.71E-02	2.65E-11	1,000,000	2.65E-05
192	5.9278E-07	6.5769E-08	6.05E-04	3.98E-11	14.00	4.71E-02	2.63E-11	1,000,000	2.63E-05
193	5.9278E-07	6.5242E-08	6.05E-04	3.95E-11	14.00	4.71E-02	2.61E-11	1,000,000	2.61E-05
194	5.9278E-07	6.4773E-08	6.05E-04	3.92E-11	14.00	4.71E-02	2.59E-11	1,000,000	2.59E-05
195	5.9278E-07	7.2414E-08	6.05E-04	4.38E-11	14.00	4.71E-02	2.89E-11	1,000,000	2.89E-05
196	5.9278E-07	7.2207E-08	6.05E-04	4.37E-11	14.00	4.71E-02	2.88E-11	1,000,000	2.88E-05
197	5.9278E-07	7.1946E-08	6.05E-04	4.35E-11	14.00	4.71E-02	2.87E-11	1,000,000	2.87E-05
198	5.9278E-07	7.1668E-08	6.05E-04	4.34E-11	14.00	4.71E-02	2.86E-11	1,000,000	2.86E-05

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 4

					Cancer Risk from 2 to 14 years				
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
199	5.9278E-07	7.13E-08	6.05E-04	4.31E-11	14.00	4.71E-02	2.85E-11	1,000,000	2.85E-05
200	5.9278E-07	7.0873E-08	6.05E-04	4.29E-11	14.00	4.71E-02	2.83E-11	1,000,000	2.83E-05
201	5.9278E-07	7.0393E-08	6.05E-04	4.26E-11	14.00	4.71E-02	2.81E-11	1,000,000	2.81E-05
202	5.9278E-07	6.9877E-08	6.05E-04	4.23E-11	14.00	4.71E-02	2.79E-11	1,000,000	2.79E-05
203	5.9278E-07	6.9326E-08	6.05E-04	4.19E-11	14.00	4.71E-02	2.77E-11	1,000,000	2.77E-05
204	5.9278E-07	6.8775E-08	6.05E-04	4.16E-11	14.00	4.71E-02	2.75E-11	1,000,000	2.75E-05
205	5.9278E-07	6.8223E-08	6.05E-04	4.13E-11	14.00	4.71E-02	2.72E-11	1,000,000	2.72E-05
206	5.9278E-07	6.7666E-08	6.05E-04	4.09E-11	14.00	4.71E-02	2.70E-11	1,000,000	2.70E-05
207	5.9278E-07	6.7162E-08	6.05E-04	4.06E-11	14.00	4.71E-02	2.68E-11	1,000,000	2.68E-05
208	5.9278E-07	7.4797E-08	6.05E-04	4.53E-11	14.00	4.71E-02	2.99E-11	1,000,000	2.99E-05
209	5.9278E-07	7.4548E-08	6.05E-04	4.51E-11	14.00	4.71E-02	2.98E-11	1,000,000	2.98E-05
210	5.9278E-07	7.4258E-08	6.05E-04	4.49E-11	14.00	4.71E-02	2.97E-11	1,000,000	2.97E-05
211	5.9278E-07	7.3926E-08	6.05E-04	4.47E-11	14.00	4.71E-02	2.95E-11	1,000,000	2.95E-05
212	5.9278E-07	7.3517E-08	6.05E-04	4.45E-11	14.00	4.71E-02	2.94E-11	1,000,000	2.94E-05
213	5.9278E-07	7.3043E-08	6.05E-04	4.42E-11	14.00	4.71E-02	2.92E-11	1,000,000	2.92E-05
214	5.9278E-07	7.2527E-08	6.05E-04	4.39E-11	14.00	4.71E-02	2.90E-11	1,000,000	2.90E-05
215	5.9278E-07	7.1988E-08	6.05E-04	4.36E-11	14.00	4.71E-02	2.87E-11	1,000,000	2.87E-05
216	5.9278E-07	7.1413E-08	6.05E-04	4.32E-11	14.00	4.71E-02	2.85E-11	1,000,000	2.85E-05
217	5.9278E-07	7.0832E-08	6.05E-04	4.29E-11	14.00	4.71E-02	2.83E-11	1,000,000	2.83E-05
218	5.9278E-07	7.0245E-08	6.05E-04	4.25E-11	14.00	4.71E-02	2.81E-11	1,000,000	2.81E-05
219	5.9278E-07	6.9699E-08	6.05E-04	4.22E-11	14.00	4.71E-02	2.78E-11	1,000,000	2.78E-05
220	5.9278E-07	7.6279E-08	6.05E-04	4.62E-11	14.00	4.71E-02	3.05E-11	1,000,000	3.05E-05
221	5.9278E-07	7.5811E-08	6.05E-04	4.59E-11	14.00	4.71E-02	3.03E-11	1,000,000	3.03E-05
222	5.9278E-07	7.5295E-08	6.05E-04	4.56E-11	14.00	4.71E-02	3.01E-11	1,000,000	3.01E-05
223	5.9278E-07	7.4744E-08	6.05E-04	4.52E-11	14.00	4.71E-02	2.98E-11	1,000,000	2.98E-05
224	5.9278E-07	7.4163E-08	6.05E-04	4.49E-11	14.00	4.71E-02	2.96E-11	1,000,000	2.96E-05
225	5.9278E-07	7.3564E-08	6.05E-04	4.45E-11	14.00	4.71E-02	2.94E-11	1,000,000	2.94E-05
226	5.9278E-07	7.2972E-08	6.05E-04	4.42E-11	14.00	4.71E-02	2.91E-11	1,000,000	2.91E-05
227	5.9278E-07	7.2409E-08	6.05E-04	4.38E-11	14.00	4.71E-02	2.89E-11	1,000,000	2.89E-05
228	5.9278E-07	7.8805E-08	6.05E-04	4.77E-11	14.00	4.71E-02	3.15E-11	1,000,000	3.15E-05
229	5.9278E-07	7.8289E-08	6.05E-04	4.74E-11	14.00	4.71E-02	3.13E-11	1,000,000	3.13E-05
230	5.9278E-07	7.772E-08	6.05E-04	4.70E-11	14.00	4.71E-02	3.10E-11	1,000,000	3.10E-05
231	5.9278E-07	7.7139E-08	6.05E-04	4.67E-11	14.00	4.71E-02	3.08E-11	1,000,000	3.08E-05

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 4

					Cancer Risk from 2 to 14 years				
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
232	5.9278E-07	7.6511E-08	6.05E-04	4.63E-11	14.00	4.71E-02	3.06E-11	1,000,000	3.06E-05
233	5.9278E-07	7.59E-08	6.05E-04	4.59E-11	14.00	4.71E-02	3.03E-11	1,000,000	3.03E-05
234	5.9278E-07	7.5319E-08	6.05E-04	4.56E-11	14.00	4.71E-02	3.01E-11	1,000,000	3.01E-05
235	5.9278E-07	7.4892E-08	6.05E-04	4.53E-11	14.00	4.71E-02	2.99E-11	1,000,000	2.99E-05
236	5.9278E-07	7.7441E-08	6.05E-04	4.69E-11	14.00	4.71E-02	3.09E-11	1,000,000	3.09E-05
237	5.9278E-07	7.7174E-08	6.05E-04	4.67E-11	14.00	4.71E-02	3.08E-11	1,000,000	3.08E-05
238	5.9278E-07	7.6866E-08	6.05E-04	4.65E-11	14.00	4.71E-02	3.07E-11	1,000,000	3.07E-05
239	5.9278E-07	8.0138E-08	6.05E-04	4.85E-11	14.00	4.71E-02	3.20E-11	1,000,000	3.20E-05
240	5.9278E-07	7.986E-08	6.05E-04	4.83E-11	14.00	4.71E-02	3.19E-11	1,000,000	3.19E-05
241	5.9278E-07	7.9469E-08	6.05E-04	4.81E-11	14.00	4.71E-02	3.17E-11	1,000,000	3.17E-05
242	5.9278E-07	7.9042E-08	6.05E-04	4.78E-11	14.00	4.71E-02	3.16E-11	1,000,000	3.16E-05

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 4

	Cancer Risk from 2 to 14 years								
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
243	5.9278E-07	2.3473E-07	6.05E-04	1.42E-10	14.00	4.71E-02	9.37E-11	1,000,000	9.37E-05
244	5.9278E-07	2.4297E-07	6.05E-04	1.47E-10	14.00	4.71E-02	9.70E-11	1,000,000	9.70E-05
245	5.9278E-07	2.5052E-07	6.05E-04	1.52E-10	14.00	4.71E-02	1.00E-10	1,000,000	1.00E-04
246	5.9278E-07	2.5717E-07	6.05E-04	1.56E-10	14.00	4.71E-02	1.03E-10	1,000,000	1.03E-04
247	5.9278E-07	2.6292E-07	6.05E-04	1.59E-10	14.00	4.71E-02	1.05E-10	1,000,000	1.05E-04
248	5.9278E-07	2.6759E-07	6.05E-04	1.62E-10	14.00	4.71E-02	1.07E-10	1,000,000	1.07E-04
249	5.9278E-07	2.7116E-07	6.05E-04	1.64E-10	14.00	4.71E-02	1.08E-10	1,000,000	1.08E-04
250	5.9278E-07	2.7356E-07	6.05E-04	1.66E-10	14.00	4.71E-02	1.09E-10	1,000,000	1.09E-04
251	5.9278E-07	2.748E-07	6.05E-04	1.66E-10	14.00	4.71E-02	1.10E-10	1,000,000	1.10E-04
252	5.9278E-07	2.2717E-07	6.05E-04	1.37E-10	14.00	4.71E-02	9.07E-11	1,000,000	9.07E-05
253	5.9278E-07	2.3737E-07	6.05E-04	1.44E-10	14.00	4.71E-02	9.48E-11	1,000,000	9.48E-05
254	5.9278E-07	2.4749E-07	6.05E-04	1.50E-10	14.00	4.71E-02	9.88E-11	1,000,000	9.88E-05
255	5.9278E-07	2.573E-07	6.05E-04	1.56E-10	14.00	4.71E-02	1.03E-10	1,000,000	1.03E-04
256	5.9278E-07	2.6654E-07	6.05E-04	1.61E-10	14.00	4.71E-02	1.06E-10	1,000,000	1.06E-04
257	5.9278E-07	2.7515E-07	6.05E-04	1.66E-10	14.00	4.71E-02	1.10E-10	1,000,000	1.10E-04
258	5.9278E-07	2.8269E-07	6.05E-04	1.71E-10	14.00	4.71E-02	1.13E-10	1,000,000	1.13E-04
259	5.9278E-07	2.8919E-07	6.05E-04	1.75E-10	14.00	4.71E-02	1.15E-10	1,000,000	1.15E-04
260	5.9278E-07	2.9433E-07	6.05E-04	1.78E-10	14.00	4.71E-02	1.18E-10	1,000,000	1.18E-04
261	5.9278E-07	2.9804E-07	6.05E-04	1.80E-10	14.00	4.71E-02	1.19E-10	1,000,000	1.19E-04
262	5.9278E-07	3.0019E-07	6.05E-04	1.82E-10	14.00	4.71E-02	1.20E-10	1,000,000	1.20E-04
263	5.9278E-07	2.3668E-07	6.05E-04	1.43E-10	14.00	4.71E-02	9.45E-11	1,000,000	9.45E-05
264	5.9278E-07	2.4863E-07	6.05E-04	1.50E-10	14.00	4.71E-02	9.93E-11	1,000,000	9.93E-05
265	5.9278E-07	2.6052E-07	6.05E-04	1.58E-10	14.00	4.71E-02	1.04E-10	1,000,000	1.04E-04
266	5.9278E-07	2.7234E-07	6.05E-04	1.65E-10	14.00	4.71E-02	1.09E-10	1,000,000	1.09E-04
267	5.9278E-07	2.8372E-07	6.05E-04	1.72E-10	14.00	4.71E-02	1.13E-10	1,000,000	1.13E-04
268	5.9278E-07	2.9457E-07	6.05E-04	1.78E-10	14.00	4.71E-02	1.18E-10	1,000,000	1.18E-04
269	5.9278E-07	3.0432E-07	6.05E-04	1.84E-10	14.00	4.71E-02	1.22E-10	1,000,000	1.22E-04
270	5.9278E-07	3.1297E-07	6.05E-04	1.89E-10	14.00	4.71E-02	1.25E-10	1,000,000	1.25E-04
271	5.9278E-07	3.2005E-07	6.05E-04	1.94E-10	14.00	4.71E-02	1.28E-10	1,000,000	1.28E-04
272	5.9278E-07	3.2551E-07	6.05E-04	1.97E-10	14.00	4.71E-02	1.30E-10	1,000,000	1.30E-04
273	5.9278E-07	3.292E-07	6.05E-04	1.99E-10	14.00	4.71E-02	1.31E-10	1,000,000	1.31E-04
274	5.9278E-07	3.3176E-07	6.05E-04	2.01E-10	14.00	4.71E-02	1.32E-10	1,000,000	1.32E-04
275	5.9278E-07	2.463E-07	6.05E-04	1.49E-10	14.00	4.71E-02	9.84E-11	1,000,000	9.84E-05

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 4

	Cancer Risk from 2 to 14 years								
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
276	5.9278E-07	2.5987E-07	6.05E-04	1.57E-10	14.00	4.71E-02	1.04E-10	1,000,000	1.04E-04
277	5.9278E-07	2.7378E-07	6.05E-04	1.66E-10	14.00	4.71E-02	1.09E-10	1,000,000	1.09E-04
278	5.9278E-07	2.8783E-07	6.05E-04	1.74E-10	14.00	4.71E-02	1.15E-10	1,000,000	1.15E-04
279	5.9278E-07	3.017E-07	6.05E-04	1.83E-10	14.00	4.71E-02	1.20E-10	1,000,000	1.20E-04
280	5.9278E-07	3.1514E-07	6.05E-04	1.91E-10	14.00	4.71E-02	1.26E-10	1,000,000	1.26E-04
281	5.9278E-07	3.2781E-07	6.05E-04	1.98E-10	14.00	4.71E-02	1.31E-10	1,000,000	1.31E-04
282	5.9278E-07	3.3914E-07	6.05E-04	2.05E-10	14.00	4.71E-02	1.35E-10	1,000,000	1.35E-04
283	5.9278E-07	3.4887E-07	6.05E-04	2.11E-10	14.00	4.71E-02	1.39E-10	1,000,000	1.39E-04
284	5.9278E-07	3.568E-07	6.05E-04	2.16E-10	14.00	4.71E-02	1.42E-10	1,000,000	1.42E-04
285	5.9278E-07	3.6274E-07	6.05E-04	2.19E-10	14.00	4.71E-02	1.45E-10	1,000,000	1.45E-04
286	5.9278E-07	3.6665E-07	6.05E-04	2.22E-10	14.00	4.71E-02	1.46E-10	1,000,000	1.46E-04
287	5.9278E-07	2.5583E-07	6.05E-04	1.55E-10	14.00	4.71E-02	1.02E-10	1,000,000	1.02E-04
288	5.9278E-07	2.7121E-07	6.05E-04	1.64E-10	14.00	4.71E-02	1.08E-10	1,000,000	1.08E-04
289	5.9278E-07	2.8729E-07	6.05E-04	1.74E-10	14.00	4.71E-02	1.15E-10	1,000,000	1.15E-04
290	5.9278E-07	3.0376E-07	6.05E-04	1.84E-10	14.00	4.71E-02	1.21E-10	1,000,000	1.21E-04
291	5.9278E-07	3.2044E-07	6.05E-04	1.94E-10	14.00	4.71E-02	1.28E-10	1,000,000	1.28E-04
292	5.9278E-07	3.3683E-07	6.05E-04	2.04E-10	14.00	4.71E-02	1.35E-10	1,000,000	1.35E-04
293	5.9278E-07	3.5275E-07	6.05E-04	2.13E-10	14.00	4.71E-02	1.41E-10	1,000,000	1.41E-04
294	5.9278E-07	3.6749E-07	6.05E-04	2.22E-10	14.00	4.71E-02	1.47E-10	1,000,000	1.47E-04
295	5.9278E-07	3.8064E-07	6.05E-04	2.30E-10	14.00	4.71E-02	1.52E-10	1,000,000	1.52E-04
296	5.9278E-07	3.9186E-07	6.05E-04	2.37E-10	14.00	4.71E-02	1.56E-10	1,000,000	1.56E-04
297	5.9278E-07	4.0086E-07	6.05E-04	2.43E-10	14.00	4.71E-02	1.60E-10	1,000,000	1.60E-04
298	5.9278E-07	4.072E-07	6.05E-04	2.46E-10	14.00	4.71E-02	1.63E-10	1,000,000	1.63E-04
299	5.9278E-07	2.6532E-07	6.05E-04	1.61E-10	14.00	4.71E-02	1.06E-10	1,000,000	1.06E-04
300	5.9278E-07	2.8249E-07	6.05E-04	1.71E-10	14.00	4.71E-02	1.13E-10	1,000,000	1.13E-04
301	5.9278E-07	3.0078E-07	6.05E-04	1.82E-10	14.00	4.71E-02	1.20E-10	1,000,000	1.20E-04
302	5.9278E-07	3.1989E-07	6.05E-04	1.94E-10	14.00	4.71E-02	1.28E-10	1,000,000	1.28E-04
303	5.9278E-07	3.3949E-07	6.05E-04	2.05E-10	14.00	4.71E-02	1.36E-10	1,000,000	1.36E-04
304	5.9278E-07	3.5959E-07	6.05E-04	2.18E-10	14.00	4.71E-02	1.44E-10	1,000,000	1.44E-04
305	5.9278E-07	3.7925E-07	6.05E-04	2.29E-10	14.00	4.71E-02	1.51E-10	1,000,000	1.51E-04
306	5.9278E-07	3.9827E-07	6.05E-04	2.41E-10	14.00	4.71E-02	1.59E-10	1,000,000	1.59E-04
307	5.9278E-07	4.1589E-07	6.05E-04	2.52E-10	14.00	4.71E-02	1.66E-10	1,000,000	1.66E-04
308	5.9278E-07	4.3162E-07	6.05E-04	2.61E-10	14.00	4.71E-02	1.72E-10	1,000,000	1.72E-04

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 4

					Cancer Risk from 2 to 14 years				
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
309	5.9278E-07	4.4487E-07	6.05E-04	2.69E-10	14.00	4.71E-02	1.78E-10	1,000,000	1.78E-04
310	5.9278E-07	4.5467E-07	6.05E-04	2.75E-10	14.00	4.71E-02	1.82E-10	1,000,000	1.82E-04
311	5.9278E-07	2.7473E-07	6.05E-04	1.66E-10	14.00	4.71E-02	1.10E-10	1,000,000	1.10E-04
312	5.9278E-07	2.9368E-07	6.05E-04	1.78E-10	14.00	4.71E-02	1.17E-10	1,000,000	1.17E-04
313	5.9278E-07	3.1412E-07	6.05E-04	1.90E-10	14.00	4.71E-02	1.25E-10	1,000,000	1.25E-04
314	5.9278E-07	3.3595E-07	6.05E-04	2.03E-10	14.00	4.71E-02	1.34E-10	1,000,000	1.34E-04
315	5.9278E-07	3.591E-07	6.05E-04	2.17E-10	14.00	4.71E-02	1.43E-10	1,000,000	1.43E-04
316	5.9278E-07	3.8313E-07	6.05E-04	2.32E-10	14.00	4.71E-02	1.53E-10	1,000,000	1.53E-04
317	5.9278E-07	4.0735E-07	6.05E-04	2.46E-10	14.00	4.71E-02	1.63E-10	1,000,000	1.63E-04
318	5.9278E-07	4.3158E-07	6.05E-04	2.61E-10	14.00	4.71E-02	1.72E-10	1,000,000	1.72E-04
319	5.9278E-07	4.5474E-07	6.05E-04	2.75E-10	14.00	4.71E-02	1.82E-10	1,000,000	1.82E-04
320	5.9278E-07	4.7636E-07	6.05E-04	2.88E-10	14.00	4.71E-02	1.90E-10	1,000,000	1.90E-04
321	5.9278E-07	4.9516E-07	6.05E-04	3.00E-10	14.00	4.71E-02	1.98E-10	1,000,000	1.98E-04
322	5.9278E-07	5.1032E-07	6.05E-04	3.09E-10	14.00	4.71E-02	2.04E-10	1,000,000	2.04E-04
323	5.9278E-07	2.842E-07	6.05E-04	1.72E-10	14.00	4.71E-02	1.13E-10	1,000,000	1.13E-04
324	5.9278E-07	3.0506E-07	6.05E-04	1.85E-10	14.00	4.71E-02	1.22E-10	1,000,000	1.22E-04
325	5.9278E-07	3.278E-07	6.05E-04	1.98E-10	14.00	4.71E-02	1.31E-10	1,000,000	1.31E-04
326	5.9278E-07	3.5279E-07	6.05E-04	2.13E-10	14.00	4.71E-02	1.41E-10	1,000,000	1.41E-04
327	5.9278E-07	3.7894E-07	6.05E-04	2.29E-10	14.00	4.71E-02	1.51E-10	1,000,000	1.51E-04
328	5.9278E-07	4.0712E-07	6.05E-04	2.46E-10	14.00	4.71E-02	1.63E-10	1,000,000	1.63E-04
329	5.9278E-07	4.3594E-07	6.05E-04	2.64E-10	14.00	4.71E-02	1.74E-10	1,000,000	1.74E-04
330	5.9278E-07	4.6663E-07	6.05E-04	2.82E-10	14.00	4.71E-02	1.86E-10	1,000,000	1.86E-04
331	5.9278E-07	4.9688E-07	6.05E-04	3.01E-10	14.00	4.71E-02	1.98E-10	1,000,000	1.98E-04
332	5.9278E-07	5.2592E-07	6.05E-04	3.18E-10	14.00	4.71E-02	2.10E-10	1,000,000	2.10E-04
333	5.9278E-07	5.526E-07	6.05E-04	3.34E-10	14.00	4.71E-02	2.21E-10	1,000,000	2.21E-04
334	5.9278E-07	5.7606E-07	6.05E-04	3.49E-10	14.00	4.71E-02	2.30E-10	1,000,000	2.30E-04
335	5.9278E-07	2.9384E-07	6.05E-04	1.78E-10	14.00	4.71E-02	1.17E-10	1,000,000	1.17E-04
336	5.9278E-07	3.1655E-07	6.05E-04	1.92E-10	14.00	4.71E-02	1.26E-10	1,000,000	1.26E-04
337	5.9278E-07	3.4163E-07	6.05E-04	2.07E-10	14.00	4.71E-02	1.36E-10	1,000,000	1.36E-04
338	5.9278E-07	3.6946E-07	6.05E-04	2.24E-10	14.00	4.71E-02	1.48E-10	1,000,000	1.48E-04
339	5.9278E-07	3.9926E-07	6.05E-04	2.42E-10	14.00	4.71E-02	1.59E-10	1,000,000	1.59E-04
340	5.9278E-07	4.3196E-07	6.05E-04	2.61E-10	14.00	4.71E-02	1.72E-10	1,000,000	1.72E-04
341	5.9278E-07	4.664E-07	6.05E-04	2.82E-10	14.00	4.71E-02	1.86E-10	1,000,000	1.86E-04

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 4

	Cancer Risk 14 to 30 years												
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million	Total Risk		Max	Receptor #
1	5.93E-07	5.6593E-08	2.50E-04	1.42E-11	1.40E+01	1.15E-02	2.27E-12	1.0E+06	2.3E-06	4.4E-05	Res	0.000	1
2	5.9278E-07	5.5894E-08	2.50E-04	1.40E-11	14.00	1.15E-02	2.25E-12	1,000,000	2.25E-06	4.4E-05			
3	5.9278E-07	5.6261E-08	2.50E-04	1.41E-11	14.00	1.15E-02	2.26E-12	1,000,000	2.26E-06	4.4E-05			
4	5.9278E-07	5.7138E-08	2.50E-04	1.43E-11	14.00	1.15E-02	2.30E-12	1,000,000	2.30E-06	4.5E-05			
5	5.9278E-07	5.7885E-08	2.50E-04	1.45E-11	14.00	1.15E-02	2.33E-12	1,000,000	2.33E-06	4.5E-05			
6	5.9278E-07	5.8348E-08	2.50E-04	1.46E-11	14.00	1.15E-02	2.35E-12	1,000,000	2.35E-06	4.6E-05			
7	5.9278E-07	5.9201E-08	2.50E-04	1.48E-11	14.00	1.15E-02	2.38E-12	1,000,000	2.38E-06	4.6E-05			
8	5.9278E-07	4.3042E-08	2.50E-04	1.08E-11	14.00	1.15E-02	1.73E-12	1,000,000	1.73E-06	3.4E-05			
9	5.9278E-07	4.2746E-08	2.50E-04	1.07E-11	14.00	1.15E-02	1.72E-12	1,000,000	1.72E-06	3.3E-05			
10	5.9278E-07	4.2414E-08	2.50E-04	1.06E-11	14.00	1.15E-02	1.70E-12	1,000,000	1.70E-06	3.3E-05			
11	5.9278E-07	4.2099E-08	2.50E-04	1.05E-11	14.00	1.15E-02	1.69E-12	1,000,000	1.69E-06	3.3E-05			
12	5.9278E-07	4.1809E-08	2.50E-04	1.05E-11	14.00	1.15E-02	1.68E-12	1,000,000	1.68E-06	3.3E-05			
13	5.9278E-07	4.1542E-08	2.50E-04	1.04E-11	14.00	1.15E-02	1.67E-12	1,000,000	1.67E-06	3.2E-05			
14	5.9278E-07	4.1299E-08	2.50E-04	1.03E-11	14.00	1.15E-02	1.66E-12	1,000,000	1.66E-06	3.2E-05			
15	5.9278E-07	4.1074E-08	2.50E-04	1.03E-11	14.00	1.15E-02	1.65E-12	1,000,000	1.65E-06	3.2E-05			
16	5.9278E-07	4.4234E-08	2.50E-04	1.11E-11	14.00	1.15E-02	1.78E-12	1,000,000	1.78E-06	3.5E-05			
17	5.9278E-07	4.3919E-08	2.50E-04	1.10E-11	14.00	1.15E-02	1.77E-12	1,000,000	1.77E-06	3.4E-05			
18	5.9278E-07	4.3576E-08	2.50E-04	1.09E-11	14.00	1.15E-02	1.75E-12	1,000,000	1.75E-06	3.4E-05			
19	5.9278E-07	4.3244E-08	2.50E-04	1.08E-11	14.00	1.15E-02	1.74E-12	1,000,000	1.74E-06	3.4E-05			
20	5.9278E-07	4.2947E-08	2.50E-04	1.07E-11	14.00	1.15E-02	1.73E-12	1,000,000	1.73E-06	3.4E-05			
21	5.9278E-07	4.2657E-08	2.50E-04	1.07E-11	14.00	1.15E-02	1.71E-12	1,000,000	1.71E-06	3.3E-05			
22	5.9278E-07	4.2396E-08	2.50E-04	1.06E-11	14.00	1.15E-02	1.70E-12	1,000,000	1.70E-06	3.3E-05			
23	5.9278E-07	4.2165E-08	2.50E-04	1.06E-11	14.00	1.15E-02	1.69E-12	1,000,000	1.69E-06	3.3E-05			
24	5.9278E-07	4.4785E-08	2.50E-04	1.12E-11	14.00	1.15E-02	1.80E-12	1,000,000	1.80E-06	3.5E-05			
25	5.9278E-07	4.4441E-08	2.50E-04	1.11E-11	14.00	1.15E-02	1.79E-12	1,000,000	1.79E-06	3.5E-05			
26	5.9278E-07	4.4139E-08	2.50E-04	1.10E-11	14.00	1.15E-02	1.77E-12	1,000,000	1.77E-06	3.5E-05			
27	5.9278E-07	4.383E-08	2.50E-04	1.10E-11	14.00	1.15E-02	1.76E-12	1,000,000	1.76E-06	3.4E-05			
28	5.9278E-07	4.3552E-08	2.50E-04	1.09E-11	14.00	1.15E-02	1.75E-12	1,000,000	1.75E-06	3.4E-05			
29	5.9278E-07	4.3309E-08	2.50E-04	1.08E-11	14.00	1.15E-02	1.74E-12	1,000,000	1.74E-06	3.4E-05			
30	5.9278E-07	4.6053E-08	2.50E-04	1.15E-11	14.00	1.15E-02	1.85E-12	1,000,000	1.85E-06	3.6E-05			
31	5.9278E-07	4.5692E-08	2.50E-04	1.14E-11	14.00	1.15E-02	1.84E-12	1,000,000	1.84E-06	3.6E-05			
32	5.9278E-07	4.5378E-08	2.50E-04	1.14E-11	14.00	1.15E-02	1.82E-12	1,000,000	1.82E-06	3.5E-05			
33	5.9278E-07	4.5057E-08	2.50E-04	1.13E-11	14.00	1.15E-02	1.81E-12	1,000,000	1.81E-06	3.5E-05			

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 4

	Cancer Risk 14 to 30 years												
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million	Total Risk		Max	Receptor #
34	5.9278E-07	4.4755E-08	2.50E-04	1.12E-11	14.00	1.15E-02	1.80E-12	1,000,000	1.80E-06	3.5E-05			
35	5.9278E-07	4.45E-08	2.50E-04	1.11E-11	14.00	1.15E-02	1.79E-12	1,000,000	1.79E-06	3.5E-05			
36	5.9278E-07	4.7369E-08	2.50E-04	1.19E-11	14.00	1.15E-02	1.90E-12	1,000,000	1.90E-06	3.7E-05			
37	5.9278E-07	4.7002E-08	2.50E-04	1.18E-11	14.00	1.15E-02	1.89E-12	1,000,000	1.89E-06	3.7E-05			
38	5.9278E-07	4.667E-08	2.50E-04	1.17E-11	14.00	1.15E-02	1.88E-12	1,000,000	1.88E-06	3.6E-05			
39	5.9278E-07	4.6332E-08	2.50E-04	1.16E-11	14.00	1.15E-02	1.86E-12	1,000,000	1.86E-06	3.6E-05			
40	5.9278E-07	4.6018E-08	2.50E-04	1.15E-11	14.00	1.15E-02	1.85E-12	1,000,000	1.85E-06	3.6E-05			
41	5.9278E-07	4.5751E-08	2.50E-04	1.15E-11	14.00	1.15E-02	1.84E-12	1,000,000	1.84E-06	3.6E-05			
42	5.9278E-07	5.2337E-08	2.50E-04	1.31E-11	14.00	1.15E-02	2.10E-12	1,000,000	2.10E-06	4.1E-05			
43	5.9278E-07	5.2165E-08	2.50E-04	1.31E-11	14.00	1.15E-02	2.10E-12	1,000,000	2.10E-06	4.1E-05			
44	5.9278E-07	5.1963E-08	2.50E-04	1.30E-11	14.00	1.15E-02	2.09E-12	1,000,000	2.09E-06	4.1E-05			
45	5.9278E-07	5.1738E-08	2.50E-04	1.29E-11	14.00	1.15E-02	2.08E-12	1,000,000	2.08E-06	4.0E-05			
46	5.9278E-07	5.1495E-08	2.50E-04	1.29E-11	14.00	1.15E-02	2.07E-12	1,000,000	2.07E-06	4.0E-05			
47	5.9278E-07	5.1246E-08	2.50E-04	1.28E-11	14.00	1.15E-02	2.06E-12	1,000,000	2.06E-06	4.0E-05			
48	5.9278E-07	5.0944E-08	2.50E-04	1.27E-11	14.00	1.15E-02	2.05E-12	1,000,000	2.05E-06	4.0E-05			
49	5.9278E-07	4.8756E-08	2.50E-04	1.22E-11	14.00	1.15E-02	1.96E-12	1,000,000	1.96E-06	3.8E-05			
50	5.9278E-07	4.8371E-08	2.50E-04	1.21E-11	14.00	1.15E-02	1.94E-12	1,000,000	1.94E-06	3.8E-05			
51	5.9278E-07	4.8021E-08	2.50E-04	1.20E-11	14.00	1.15E-02	1.93E-12	1,000,000	1.93E-06	3.8E-05			
52	5.9278E-07	4.7672E-08	2.50E-04	1.19E-11	14.00	1.15E-02	1.92E-12	1,000,000	1.92E-06	3.7E-05			
53	5.9278E-07	4.734E-08	2.50E-04	1.18E-11	14.00	1.15E-02	1.90E-12	1,000,000	1.90E-06	3.7E-05			
54	5.9278E-07	4.7061E-08	2.50E-04	1.18E-11	14.00	1.15E-02	1.89E-12	1,000,000	1.89E-06	3.7E-05			
55	5.9278E-07	5.3848E-08	2.50E-04	1.35E-11	14.00	1.15E-02	2.16E-12	1,000,000	2.16E-06	4.2E-05			
56	5.9278E-07	5.3783E-08	2.50E-04	1.35E-11	14.00	1.15E-02	2.16E-12	1,000,000	2.16E-06	4.2E-05			
57	5.9278E-07	5.3629E-08	2.50E-04	1.34E-11	14.00	1.15E-02	2.16E-12	1,000,000	2.16E-06	4.2E-05			
58	5.9278E-07	5.3469E-08	2.50E-04	1.34E-11	14.00	1.15E-02	2.15E-12	1,000,000	2.15E-06	4.2E-05			
59	5.9278E-07	5.325E-08	2.50E-04	1.33E-11	14.00	1.15E-02	2.14E-12	1,000,000	2.14E-06	4.2E-05			
60	5.9278E-07	5.3001E-08	2.50E-04	1.33E-11	14.00	1.15E-02	2.13E-12	1,000,000	2.13E-06	4.1E-05			
61	5.9278E-07	5.2752E-08	2.50E-04	1.32E-11	14.00	1.15E-02	2.12E-12	1,000,000	2.12E-06	4.1E-05			
62	5.9278E-07	5.2455E-08	2.50E-04	1.31E-11	14.00	1.15E-02	2.11E-12	1,000,000	2.11E-06	4.1E-05			
63	5.9278E-07	5.2112E-08	2.50E-04	1.30E-11	14.00	1.15E-02	2.09E-12	1,000,000	2.09E-06	4.1E-05			
64	5.9278E-07	5.0215E-08	2.50E-04	1.26E-11	14.00	1.15E-02	2.02E-12	1,000,000	2.02E-06	3.9E-05			
65	5.9278E-07	4.9806E-08	2.50E-04	1.25E-11	14.00	1.15E-02	2.00E-12	1,000,000	2.00E-06	3.9E-05			
66	5.9278E-07	4.9432E-08	2.50E-04	1.24E-11	14.00	1.15E-02	1.99E-12	1,000,000	1.99E-06	3.9E-05			

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 4

	Cancer Risk 14 to 30 years												
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million	Total Risk		Max	Receptor #
67	5.9278E-07	4.9077E-08	2.50E-04	1.23E-11	14.00	1.15E-02	1.97E-12	1,000,000	1.97E-06	3.8E-05			
68	5.9278E-07	4.8727E-08	2.50E-04	1.22E-11	14.00	1.15E-02	1.96E-12	1,000,000	1.96E-06	3.8E-05			
69	5.9278E-07	4.843E-08	2.50E-04	1.21E-11	14.00	1.15E-02	1.95E-12	1,000,000	1.95E-06	3.8E-05			
70	5.9278E-07	5.5301E-08	2.50E-04	1.38E-11	14.00	1.15E-02	2.22E-12	1,000,000	2.22E-06	4.3E-05			
71	5.9278E-07	5.5164E-08	2.50E-04	1.38E-11	14.00	1.15E-02	2.22E-12	1,000,000	2.22E-06	4.3E-05			
72	5.9278E-07	5.501E-08	2.50E-04	1.38E-11	14.00	1.15E-02	2.21E-12	1,000,000	2.21E-06	4.3E-05			
73	5.9278E-07	5.4827E-08	2.50E-04	1.37E-11	14.00	1.15E-02	2.20E-12	1,000,000	2.20E-06	4.3E-05			
74	5.9278E-07	5.4584E-08	2.50E-04	1.37E-11	14.00	1.15E-02	2.19E-12	1,000,000	2.19E-06	4.3E-05			
75	5.9278E-07	5.4311E-08	2.50E-04	1.36E-11	14.00	1.15E-02	2.18E-12	1,000,000	2.18E-06	4.2E-05			
76	5.9278E-07	5.4044E-08	2.50E-04	1.35E-11	14.00	1.15E-02	2.17E-12	1,000,000	2.17E-06	4.2E-05			
77	5.9278E-07	5.37E-08	2.50E-04	1.34E-11	14.00	1.15E-02	2.16E-12	1,000,000	2.16E-06	4.2E-05			
78	5.9278E-07	5.1329E-08	2.50E-04	1.28E-11	14.00	1.15E-02	2.06E-12	1,000,000	2.06E-06	4.0E-05			
79	5.9278E-07	5.0944E-08	2.50E-04	1.27E-11	14.00	1.15E-02	2.05E-12	1,000,000	2.05E-06	4.0E-05			
80	5.9278E-07	5.0564E-08	2.50E-04	1.27E-11	14.00	1.15E-02	2.03E-12	1,000,000	2.03E-06	4.0E-05			
81	5.9278E-07	5.0203E-08	2.50E-04	1.26E-11	14.00	1.15E-02	2.02E-12	1,000,000	2.02E-06	3.9E-05			
82	5.9278E-07	4.9889E-08	2.50E-04	1.25E-11	14.00	1.15E-02	2.01E-12	1,000,000	2.01E-06	3.9E-05			
83	5.9278E-07	5.683E-08	2.50E-04	1.42E-11	14.00	1.15E-02	2.28E-12	1,000,000	2.28E-06	4.4E-05			
84	5.9278E-07	5.6771E-08	2.50E-04	1.42E-11	14.00	1.15E-02	2.28E-12	1,000,000	2.28E-06	4.4E-05			
85	5.9278E-07	5.6617E-08	2.50E-04	1.42E-11	14.00	1.15E-02	2.28E-12	1,000,000	2.28E-06	4.4E-05			
86	5.9278E-07	5.6457E-08	2.50E-04	1.41E-11	14.00	1.15E-02	2.27E-12	1,000,000	2.27E-06	4.4E-05			
87	5.9278E-07	5.6237E-08	2.50E-04	1.41E-11	14.00	1.15E-02	2.26E-12	1,000,000	2.26E-06	4.4E-05			
88	5.9278E-07	5.5965E-08	2.50E-04	1.40E-11	14.00	1.15E-02	2.25E-12	1,000,000	2.25E-06	4.4E-05			
89	5.9278E-07	5.5692E-08	2.50E-04	1.39E-11	14.00	1.15E-02	2.24E-12	1,000,000	2.24E-06	4.4E-05			
90	5.9278E-07	5.5366E-08	2.50E-04	1.39E-11	14.00	1.15E-02	2.23E-12	1,000,000	2.23E-06	4.3E-05			
91	5.9278E-07	5.4981E-08	2.50E-04	1.38E-11	14.00	1.15E-02	2.21E-12	1,000,000	2.21E-06	4.3E-05			
92	5.9278E-07	5.3362E-08	2.50E-04	1.34E-11	14.00	1.15E-02	2.14E-12	1,000,000	2.14E-06	4.2E-05			
93	5.9278E-07	5.293E-08	2.50E-04	1.32E-11	14.00	1.15E-02	2.13E-12	1,000,000	2.13E-06	4.1E-05			
94	5.9278E-07	5.2532E-08	2.50E-04	1.31E-11	14.00	1.15E-02	2.11E-12	1,000,000	2.11E-06	4.1E-05			
95	5.9278E-07	5.2135E-08	2.50E-04	1.30E-11	14.00	1.15E-02	2.10E-12	1,000,000	2.10E-06	4.1E-05			
96	5.9278E-07	5.1756E-08	2.50E-04	1.30E-11	14.00	1.15E-02	2.08E-12	1,000,000	2.08E-06	4.0E-05			
97	5.9278E-07	5.1424E-08	2.50E-04	1.29E-11	14.00	1.15E-02	2.07E-12	1,000,000	2.07E-06	4.0E-05			
98	5.9278E-07	5.8448E-08	2.50E-04	1.46E-11	14.00	1.15E-02	2.35E-12	1,000,000	2.35E-06	4.6E-05			
99	5.9278E-07	5.83E-08	2.50E-04	1.46E-11	14.00	1.15E-02	2.34E-12	1,000,000	2.34E-06	4.6E-05			

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 4

	Cancer Risk 14 to 30 years												
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million	Total Risk		Max	Receptor #
100	5.9278E-07	5.8134E-08	2.50E-04	1.45E-11	14.00	1.15E-02	2.34E-12	1,000,000	2.34E-06	4.5E-05			
101	5.9278E-07	5.7968E-08	2.50E-04	1.45E-11	14.00	1.15E-02	2.33E-12	1,000,000	2.33E-06	4.5E-05			
102	5.9278E-07	5.7702E-08	2.50E-04	1.44E-11	14.00	1.15E-02	2.32E-12	1,000,000	2.32E-06	4.5E-05			
103	5.9278E-07	5.7411E-08	2.50E-04	1.44E-11	14.00	1.15E-02	2.31E-12	1,000,000	2.31E-06	4.5E-05			
104	5.9278E-07	5.7109E-08	2.50E-04	1.43E-11	14.00	1.15E-02	2.30E-12	1,000,000	2.30E-06	4.5E-05			
105	5.9278E-07	5.6712E-08	2.50E-04	1.42E-11	14.00	1.15E-02	2.28E-12	1,000,000	2.28E-06	4.4E-05			
106	5.9278E-07	5.504E-08	2.50E-04	1.38E-11	14.00	1.15E-02	2.21E-12	1,000,000	2.21E-06	4.3E-05			
107	5.9278E-07	5.4601E-08	2.50E-04	1.37E-11	14.00	1.15E-02	2.19E-12	1,000,000	2.19E-06	4.3E-05			
108	5.9278E-07	5.4186E-08	2.50E-04	1.36E-11	14.00	1.15E-02	2.18E-12	1,000,000	2.18E-06	4.2E-05			
109	5.9278E-07	5.3783E-08	2.50E-04	1.35E-11	14.00	1.15E-02	2.16E-12	1,000,000	2.16E-06	4.2E-05			
110	5.9278E-07	5.3392E-08	2.50E-04	1.34E-11	14.00	1.15E-02	2.15E-12	1,000,000	2.15E-06	4.2E-05			
111	5.9278E-07	5.3048E-08	2.50E-04	1.33E-11	14.00	1.15E-02	2.13E-12	1,000,000	2.13E-06	4.1E-05			
112	5.9278E-07	6.0073E-08	2.50E-04	1.50E-11	14.00	1.15E-02	2.41E-12	1,000,000	2.41E-06	4.7E-05			
113	5.9278E-07	5.9924E-08	2.50E-04	1.50E-11	14.00	1.15E-02	2.41E-12	1,000,000	2.41E-06	4.7E-05			
114	5.9278E-07	5.9764E-08	2.50E-04	1.50E-11	14.00	1.15E-02	2.40E-12	1,000,000	2.40E-06	4.7E-05			
115	5.9278E-07	5.9527E-08	2.50E-04	1.49E-11	14.00	1.15E-02	2.39E-12	1,000,000	2.39E-06	4.7E-05			
116	5.9278E-07	5.9225E-08	2.50E-04	1.48E-11	14.00	1.15E-02	2.38E-12	1,000,000	2.38E-06	4.6E-05			
117	5.9278E-07	5.8917E-08	2.50E-04	1.47E-11	14.00	1.15E-02	2.37E-12	1,000,000	2.37E-06	4.6E-05			
118	5.9278E-07	5.8543E-08	2.50E-04	1.47E-11	14.00	1.15E-02	2.35E-12	1,000,000	2.35E-06	4.6E-05			
119	5.9278E-07	5.8122E-08	2.50E-04	1.45E-11	14.00	1.15E-02	2.34E-12	1,000,000	2.34E-06	4.5E-05			
120	5.9278E-07	5.6789E-08	2.50E-04	1.42E-11	14.00	1.15E-02	2.28E-12	1,000,000	2.28E-06	4.4E-05			
121	5.9278E-07	5.6368E-08	2.50E-04	1.41E-11	14.00	1.15E-02	2.27E-12	1,000,000	2.27E-06	4.4E-05			
122	5.9278E-07	5.5923E-08	2.50E-04	1.40E-11	14.00	1.15E-02	2.25E-12	1,000,000	2.25E-06	4.4E-05			
123	5.9278E-07	5.5508E-08	2.50E-04	1.39E-11	14.00	1.15E-02	2.23E-12	1,000,000	2.23E-06	4.3E-05			
124	5.9278E-07	5.5111E-08	2.50E-04	1.38E-11	14.00	1.15E-02	2.22E-12	1,000,000	2.22E-06	4.3E-05			
125	5.9278E-07	5.4749E-08	2.50E-04	1.37E-11	14.00	1.15E-02	2.20E-12	1,000,000	2.20E-06	4.3E-05			
126	5.9278E-07	6.194E-08	2.50E-04	1.55E-11	14.00	1.15E-02	2.49E-12	1,000,000	2.49E-06	4.8E-05			
127	5.9278E-07	6.181E-08	2.50E-04	1.55E-11	14.00	1.15E-02	2.48E-12	1,000,000	2.48E-06	4.8E-05			
128	5.9278E-07	6.1632E-08	2.50E-04	1.54E-11	14.00	1.15E-02	2.48E-12	1,000,000	2.48E-06	4.8E-05			
129	5.9278E-07	6.1436E-08	2.50E-04	1.54E-11	14.00	1.15E-02	2.47E-12	1,000,000	2.47E-06	4.8E-05			
130	5.9278E-07	6.114E-08	2.50E-04	1.53E-11	14.00	1.15E-02	2.46E-12	1,000,000	2.46E-06	4.8E-05			
131	5.9278E-07	6.0808E-08	2.50E-04	1.52E-11	14.00	1.15E-02	2.44E-12	1,000,000	2.44E-06	4.8E-05			
132	5.9278E-07	6.0464E-08	2.50E-04	1.51E-11	14.00	1.15E-02	2.43E-12	1,000,000	2.43E-06	4.7E-05			

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 4

	Cancer Risk 14 to 30 years												
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million	Total Risk		Max	Receptor #
133	5.9278E-07	6.0031E-08	2.50E-04	1.50E-11	14.00	1.15E-02	2.41E-12	1,000,000	2.41E-06	4.7E-05			
134	5.9278E-07	5.8265E-08	2.50E-04	1.46E-11	14.00	1.15E-02	2.34E-12	1,000,000	2.34E-06	4.6E-05			
135	5.9278E-07	5.7785E-08	2.50E-04	1.45E-11	14.00	1.15E-02	2.32E-12	1,000,000	2.32E-06	4.5E-05			
136	5.9278E-07	5.7328E-08	2.50E-04	1.43E-11	14.00	1.15E-02	2.30E-12	1,000,000	2.30E-06	4.5E-05			
137	5.9278E-07	5.6919E-08	2.50E-04	1.42E-11	14.00	1.15E-02	2.29E-12	1,000,000	2.29E-06	4.4E-05			
138	5.9278E-07	5.6552E-08	2.50E-04	1.42E-11	14.00	1.15E-02	2.27E-12	1,000,000	2.27E-06	4.4E-05			
139	5.9278E-07	6.3784E-08	2.50E-04	1.60E-11	14.00	1.15E-02	2.56E-12	1,000,000	2.56E-06	5.0E-05			
140	5.9278E-07	6.3606E-08	2.50E-04	1.59E-11	14.00	1.15E-02	2.56E-12	1,000,000	2.56E-06	5.0E-05			
141	5.9278E-07	6.341E-08	2.50E-04	1.59E-11	14.00	1.15E-02	2.55E-12	1,000,000	2.55E-06	5.0E-05			
142	5.9278E-07	6.3149E-08	2.50E-04	1.58E-11	14.00	1.15E-02	2.54E-12	1,000,000	2.54E-06	4.9E-05			
143	5.9278E-07	6.2805E-08	2.50E-04	1.57E-11	14.00	1.15E-02	2.52E-12	1,000,000	2.52E-06	4.9E-05			
144	5.9278E-07	6.2456E-08	2.50E-04	1.56E-11	14.00	1.15E-02	2.51E-12	1,000,000	2.51E-06	4.9E-05			
145	5.9278E-07	6.2059E-08	2.50E-04	1.55E-11	14.00	1.15E-02	2.49E-12	1,000,000	2.49E-06	4.9E-05			
146	5.9278E-07	6.1596E-08	2.50E-04	1.54E-11	14.00	1.15E-02	2.48E-12	1,000,000	2.48E-06	4.8E-05			
147	5.9278E-07	6.0221E-08	2.50E-04	1.51E-11	14.00	1.15E-02	2.42E-12	1,000,000	2.42E-06	4.7E-05			
148	5.9278E-07	5.9735E-08	2.50E-04	1.50E-11	14.00	1.15E-02	2.40E-12	1,000,000	2.40E-06	4.7E-05			
149	5.9278E-07	5.9267E-08	2.50E-04	1.48E-11	14.00	1.15E-02	2.38E-12	1,000,000	2.38E-06	4.6E-05			
150	5.9278E-07	5.8834E-08	2.50E-04	1.47E-11	14.00	1.15E-02	2.36E-12	1,000,000	2.36E-06	4.6E-05			
151	5.9278E-07	5.8443E-08	2.50E-04	1.46E-11	14.00	1.15E-02	2.35E-12	1,000,000	2.35E-06	4.6E-05			
152	5.9278E-07	6.5829E-08	2.50E-04	1.65E-11	14.00	1.15E-02	2.65E-12	1,000,000	2.65E-06	5.1E-05			
153	5.9278E-07	6.5686E-08	2.50E-04	1.64E-11	14.00	1.15E-02	2.64E-12	1,000,000	2.64E-06	5.1E-05			
154	5.9278E-07	6.5491E-08	2.50E-04	1.64E-11	14.00	1.15E-02	2.63E-12	1,000,000	2.63E-06	5.1E-05			
155	5.9278E-07	6.526E-08	2.50E-04	1.63E-11	14.00	1.15E-02	2.62E-12	1,000,000	2.62E-06	5.1E-05			
156	5.9278E-07	6.4934E-08	2.50E-04	1.63E-11	14.00	1.15E-02	2.61E-12	1,000,000	2.61E-06	5.1E-05			
157	5.9278E-07	6.456E-08	2.50E-04	1.62E-11	14.00	1.15E-02	2.59E-12	1,000,000	2.59E-06	5.0E-05			
158	5.9278E-07	6.4163E-08	2.50E-04	1.61E-11	14.00	1.15E-02	2.58E-12	1,000,000	2.58E-06	5.0E-05			
159	5.9278E-07	6.373E-08	2.50E-04	1.60E-11	14.00	1.15E-02	2.56E-12	1,000,000	2.56E-06	5.0E-05			
160	5.9278E-07	6.328E-08	2.50E-04	1.58E-11	14.00	1.15E-02	2.54E-12	1,000,000	2.54E-06	4.9E-05			
161	5.9278E-07	6.2794E-08	2.50E-04	1.57E-11	14.00	1.15E-02	2.52E-12	1,000,000	2.52E-06	4.9E-05			
162	5.9278E-07	6.2307E-08	2.50E-04	1.56E-11	14.00	1.15E-02	2.50E-12	1,000,000	2.50E-06	4.9E-05			
163	5.9278E-07	6.1821E-08	2.50E-04	1.55E-11	14.00	1.15E-02	2.48E-12	1,000,000	2.48E-06	4.8E-05			
164	5.9278E-07	6.1335E-08	2.50E-04	1.54E-11	14.00	1.15E-02	2.47E-12	1,000,000	2.47E-06	4.8E-05			
165	5.9278E-07	6.0849E-08	2.50E-04	1.52E-11	14.00	1.15E-02	2.45E-12	1,000,000	2.45E-06	4.8E-05			

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 4

	Cancer Risk 14 to 30 years												
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million	Total Risk		Max	Receptor #
166	5.9278E-07	6.0422E-08	2.50E-04	1.51E-11	14.00	1.15E-02	2.43E-12	1,000,000	2.43E-06	4.7E-05			
167	5.9278E-07	6.7874E-08	2.50E-04	1.70E-11	14.00	1.15E-02	2.73E-12	1,000,000	2.73E-06	5.3E-05			
168	5.9278E-07	6.7678E-08	2.50E-04	1.69E-11	14.00	1.15E-02	2.72E-12	1,000,000	2.72E-06	5.3E-05			
169	5.9278E-07	6.7453E-08	2.50E-04	1.69E-11	14.00	1.15E-02	2.71E-12	1,000,000	2.71E-06	5.3E-05			
170	5.9278E-07	6.7168E-08	2.50E-04	1.68E-11	14.00	1.15E-02	2.70E-12	1,000,000	2.70E-06	5.3E-05			
171	5.9278E-07	6.6807E-08	2.50E-04	1.67E-11	14.00	1.15E-02	2.69E-12	1,000,000	2.69E-06	5.2E-05			
172	5.9278E-07	6.6415E-08	2.50E-04	1.66E-11	14.00	1.15E-02	2.67E-12	1,000,000	2.67E-06	5.2E-05			
173	5.9278E-07	6.6001E-08	2.50E-04	1.65E-11	14.00	1.15E-02	2.65E-12	1,000,000	2.65E-06	5.2E-05			
174	5.9278E-07	6.5556E-08	2.50E-04	1.64E-11	14.00	1.15E-02	2.63E-12	1,000,000	2.63E-06	5.1E-05			
175	5.9278E-07	6.5052E-08	2.50E-04	1.63E-11	14.00	1.15E-02	2.61E-12	1,000,000	2.61E-06	5.1E-05			
176	5.9278E-07	6.4542E-08	2.50E-04	1.62E-11	14.00	1.15E-02	2.59E-12	1,000,000	2.59E-06	5.0E-05			
177	5.9278E-07	6.4021E-08	2.50E-04	1.60E-11	14.00	1.15E-02	2.57E-12	1,000,000	2.57E-06	5.0E-05			
178	5.9278E-07	6.3499E-08	2.50E-04	1.59E-11	14.00	1.15E-02	2.55E-12	1,000,000	2.55E-06	5.0E-05			
179	5.9278E-07	6.2977E-08	2.50E-04	1.58E-11	14.00	1.15E-02	2.53E-12	1,000,000	2.53E-06	4.9E-05			
180	5.9278E-07	6.2527E-08	2.50E-04	1.56E-11	14.00	1.15E-02	2.51E-12	1,000,000	2.51E-06	4.9E-05			
181	5.9278E-07	7.0085E-08	2.50E-04	1.75E-11	14.00	1.15E-02	2.82E-12	1,000,000	2.82E-06	5.5E-05			
182	5.9278E-07	6.9984E-08	2.50E-04	1.75E-11	14.00	1.15E-02	2.81E-12	1,000,000	2.81E-06	5.5E-05			
183	5.9278E-07	6.9759E-08	2.50E-04	1.75E-11	14.00	1.15E-02	2.80E-12	1,000,000	2.80E-06	5.5E-05			
184	5.9278E-07	6.9498E-08	2.50E-04	1.74E-11	14.00	1.15E-02	2.79E-12	1,000,000	2.79E-06	5.4E-05			
185	5.9278E-07	6.9166E-08	2.50E-04	1.73E-11	14.00	1.15E-02	2.78E-12	1,000,000	2.78E-06	5.4E-05			
186	5.9278E-07	6.8781E-08	2.50E-04	1.72E-11	14.00	1.15E-02	2.76E-12	1,000,000	2.76E-06	5.4E-05			
187	5.9278E-07	6.836E-08	2.50E-04	1.71E-11	14.00	1.15E-02	2.75E-12	1,000,000	2.75E-06	5.3E-05			
188	5.9278E-07	6.7892E-08	2.50E-04	1.70E-11	14.00	1.15E-02	2.73E-12	1,000,000	2.73E-06	5.3E-05			
189	5.9278E-07	6.7382E-08	2.50E-04	1.69E-11	14.00	1.15E-02	2.71E-12	1,000,000	2.71E-06	5.3E-05			
190	5.9278E-07	6.6848E-08	2.50E-04	1.67E-11	14.00	1.15E-02	2.69E-12	1,000,000	2.69E-06	5.2E-05			
191	5.9278E-07	6.6309E-08	2.50E-04	1.66E-11	14.00	1.15E-02	2.67E-12	1,000,000	2.67E-06	5.2E-05			
192	5.9278E-07	6.5769E-08	2.50E-04	1.65E-11	14.00	1.15E-02	2.64E-12	1,000,000	2.64E-06	5.1E-05			
193	5.9278E-07	6.5242E-08	2.50E-04	1.63E-11	14.00	1.15E-02	2.62E-12	1,000,000	2.62E-06	5.1E-05			
194	5.9278E-07	6.4773E-08	2.50E-04	1.62E-11	14.00	1.15E-02	2.60E-12	1,000,000	2.60E-06	5.1E-05			
195	5.9278E-07	7.2414E-08	2.50E-04	1.81E-11	14.00	1.15E-02	2.91E-12	1,000,000	2.91E-06	5.7E-05			
196	5.9278E-07	7.2207E-08	2.50E-04	1.81E-11	14.00	1.15E-02	2.90E-12	1,000,000	2.90E-06	5.6E-05			
197	5.9278E-07	7.1946E-08	2.50E-04	1.80E-11	14.00	1.15E-02	2.89E-12	1,000,000	2.89E-06	5.6E-05			
198	5.9278E-07	7.1668E-08	2.50E-04	1.79E-11	14.00	1.15E-02	2.88E-12	1,000,000	2.88E-06	5.6E-05			

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 4

	Cancer Risk 14 to 30 years												
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million	Total Risk		Max	Receptor #
199	5.9278E-07	7.13E-08	2.50E-04	1.78E-11	14.00	1.15E-02	2.87E-12	1,000,000	2.87E-06	5.6E-05			
200	5.9278E-07	7.0873E-08	2.50E-04	1.77E-11	14.00	1.15E-02	2.85E-12	1,000,000	2.85E-06	5.5E-05			
201	5.9278E-07	7.0393E-08	2.50E-04	1.76E-11	14.00	1.15E-02	2.83E-12	1,000,000	2.83E-06	5.5E-05			
202	5.9278E-07	6.9877E-08	2.50E-04	1.75E-11	14.00	1.15E-02	2.81E-12	1,000,000	2.81E-06	5.5E-05			
203	5.9278E-07	6.9326E-08	2.50E-04	1.74E-11	14.00	1.15E-02	2.79E-12	1,000,000	2.79E-06	5.4E-05			
204	5.9278E-07	6.8775E-08	2.50E-04	1.72E-11	14.00	1.15E-02	2.76E-12	1,000,000	2.76E-06	5.4E-05			
205	5.9278E-07	6.8223E-08	2.50E-04	1.71E-11	14.00	1.15E-02	2.74E-12	1,000,000	2.74E-06	5.3E-05			
206	5.9278E-07	6.7666E-08	2.50E-04	1.69E-11	14.00	1.15E-02	2.72E-12	1,000,000	2.72E-06	5.3E-05			
207	5.9278E-07	6.7162E-08	2.50E-04	1.68E-11	14.00	1.15E-02	2.70E-12	1,000,000	2.70E-06	5.2E-05			
208	5.9278E-07	7.4797E-08	2.50E-04	1.87E-11	14.00	1.15E-02	3.01E-12	1,000,000	3.01E-06	5.8E-05			
209	5.9278E-07	7.4548E-08	2.50E-04	1.87E-11	14.00	1.15E-02	3.00E-12	1,000,000	3.00E-06	5.8E-05			
210	5.9278E-07	7.4258E-08	2.50E-04	1.86E-11	14.00	1.15E-02	2.98E-12	1,000,000	2.98E-06	5.8E-05			
211	5.9278E-07	7.3926E-08	2.50E-04	1.85E-11	14.00	1.15E-02	2.97E-12	1,000,000	2.97E-06	5.8E-05			
212	5.9278E-07	7.3517E-08	2.50E-04	1.84E-11	14.00	1.15E-02	2.95E-12	1,000,000	2.95E-06	5.7E-05			
213	5.9278E-07	7.3043E-08	2.50E-04	1.83E-11	14.00	1.15E-02	2.94E-12	1,000,000	2.94E-06	5.7E-05			
214	5.9278E-07	7.2527E-08	2.50E-04	1.82E-11	14.00	1.15E-02	2.92E-12	1,000,000	2.92E-06	5.7E-05			
215	5.9278E-07	7.1988E-08	2.50E-04	1.80E-11	14.00	1.15E-02	2.89E-12	1,000,000	2.89E-06	5.6E-05			
216	5.9278E-07	7.1413E-08	2.50E-04	1.79E-11	14.00	1.15E-02	2.87E-12	1,000,000	2.87E-06	5.6E-05			
217	5.9278E-07	7.0832E-08	2.50E-04	1.77E-11	14.00	1.15E-02	2.85E-12	1,000,000	2.85E-06	5.5E-05			
218	5.9278E-07	7.0245E-08	2.50E-04	1.76E-11	14.00	1.15E-02	2.82E-12	1,000,000	2.82E-06	5.5E-05			
219	5.9278E-07	6.9699E-08	2.50E-04	1.74E-11	14.00	1.15E-02	2.80E-12	1,000,000	2.80E-06	5.4E-05			
220	5.9278E-07	7.6279E-08	2.50E-04	1.91E-11	14.00	1.15E-02	3.07E-12	1,000,000	3.07E-06	6.0E-05			
221	5.9278E-07	7.5811E-08	2.50E-04	1.90E-11	14.00	1.15E-02	3.05E-12	1,000,000	3.05E-06	5.9E-05			
222	5.9278E-07	7.5295E-08	2.50E-04	1.88E-11	14.00	1.15E-02	3.03E-12	1,000,000	3.03E-06	5.9E-05			
223	5.9278E-07	7.4744E-08	2.50E-04	1.87E-11	14.00	1.15E-02	3.00E-12	1,000,000	3.00E-06	5.8E-05			
224	5.9278E-07	7.4163E-08	2.50E-04	1.86E-11	14.00	1.15E-02	2.98E-12	1,000,000	2.98E-06	5.8E-05			
225	5.9278E-07	7.3564E-08	2.50E-04	1.84E-11	14.00	1.15E-02	2.96E-12	1,000,000	2.96E-06	5.8E-05			
226	5.9278E-07	7.2972E-08	2.50E-04	1.83E-11	14.00	1.15E-02	2.93E-12	1,000,000	2.93E-06	5.7E-05			
227	5.9278E-07	7.2409E-08	2.50E-04	1.81E-11	14.00	1.15E-02	2.91E-12	1,000,000	2.91E-06	5.7E-05			
228	5.9278E-07	7.8805E-08	2.50E-04	1.97E-11	14.00	1.15E-02	3.17E-12	1,000,000	3.17E-06	6.2E-05			
229	5.9278E-07	7.8289E-08	2.50E-04	1.96E-11	14.00	1.15E-02	3.15E-12	1,000,000	3.15E-06	6.1E-05			
230	5.9278E-07	7.772E-08	2.50E-04	1.95E-11	14.00	1.15E-02	3.12E-12	1,000,000	3.12E-06	6.1E-05			
231	5.9278E-07	7.7139E-08	2.50E-04	1.93E-11	14.00	1.15E-02	3.10E-12	1,000,000	3.10E-06	6.0E-05			

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 4

	Cancer Risk 14 to 30 years												
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million	Total Risk		Max	Receptor #
232	5.9278E-07	7.6511E-08	2.50E-04	1.91E-11	14.00	1.15E-02	3.08E-12	1,000,000	3.08E-06	6.0E-05			
233	5.9278E-07	7.59E-08	2.50E-04	1.90E-11	14.00	1.15E-02	3.05E-12	1,000,000	3.05E-06	5.9E-05			
234	5.9278E-07	7.5319E-08	2.50E-04	1.89E-11	14.00	1.15E-02	3.03E-12	1,000,000	3.03E-06	5.9E-05			
235	5.9278E-07	7.4892E-08	2.50E-04	1.87E-11	14.00	1.15E-02	3.01E-12	1,000,000	3.01E-06	5.9E-05			
236	5.9278E-07	7.7441E-08	2.50E-04	1.94E-11	14.00	1.15E-02	3.11E-12	1,000,000	3.11E-06	6.1E-05			
237	5.9278E-07	7.7174E-08	2.50E-04	1.93E-11	14.00	1.15E-02	3.10E-12	1,000,000	3.10E-06	6.0E-05			
238	5.9278E-07	7.6866E-08	2.50E-04	1.92E-11	14.00	1.15E-02	3.09E-12	1,000,000	3.09E-06	6.0E-05			
239	5.9278E-07	8.0138E-08	2.50E-04	2.01E-11	14.00	1.15E-02	3.22E-12	1,000,000	3.22E-06	6.3E-05			
240	5.9278E-07	7.986E-08	2.50E-04	2.00E-11	14.00	1.15E-02	3.21E-12	1,000,000	3.21E-06	6.2E-05			
241	5.9278E-07	7.9469E-08	2.50E-04	1.99E-11	14.00	1.15E-02	3.19E-12	1,000,000	3.19E-06	6.2E-05			
242	5.9278E-07	7.9042E-08	2.50E-04	1.98E-11	14.00	1.15E-02	3.18E-12	1,000,000	3.18E-06	6.2E-05			

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 4

	Cancer Risk 14 to 30 years												
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million	Total Risk		Max	Receptor #
243	5.9278E-07	2.3473E-07	2.50E-04	5.87E-11	14.00	1.15E-02	9.43E-12	1,000,000	9.43E-06	1.8E-04			
244	5.9278E-07	2.4297E-07	2.50E-04	6.08E-11	14.00	1.15E-02	9.77E-12	1,000,000	9.77E-06	1.9E-04			
245	5.9278E-07	2.5052E-07	2.50E-04	6.27E-11	14.00	1.15E-02	1.01E-11	1,000,000	1.01E-05	2.0E-04			
246	5.9278E-07	2.5717E-07	2.50E-04	6.44E-11	14.00	1.15E-02	1.03E-11	1,000,000	1.03E-05	2.0E-04			
247	5.9278E-07	2.6292E-07	2.50E-04	6.58E-11	14.00	1.15E-02	1.06E-11	1,000,000	1.06E-05	2.1E-04			
248	5.9278E-07	2.6759E-07	2.50E-04	6.70E-11	14.00	1.15E-02	1.08E-11	1,000,000	1.08E-05	2.1E-04			
249	5.9278E-07	2.7116E-07	2.50E-04	6.79E-11	14.00	1.15E-02	1.09E-11	1,000,000	1.09E-05	2.1E-04			
250	5.9278E-07	2.7356E-07	2.50E-04	6.85E-11	14.00	1.15E-02	1.10E-11	1,000,000	1.10E-05	2.1E-04			
251	5.9278E-07	2.748E-07	2.50E-04	6.88E-11	14.00	1.15E-02	1.10E-11	1,000,000	1.10E-05	2.1E-04			
252	5.9278E-07	2.2717E-07	2.50E-04	5.69E-11	14.00	1.15E-02	9.13E-12	1,000,000	9.13E-06	1.8E-04			
253	5.9278E-07	2.3737E-07	2.50E-04	5.94E-11	14.00	1.15E-02	9.54E-12	1,000,000	9.54E-06	1.9E-04			
254	5.9278E-07	2.4749E-07	2.50E-04	6.19E-11	14.00	1.15E-02	9.95E-12	1,000,000	9.95E-06	1.9E-04			
255	5.9278E-07	2.573E-07	2.50E-04	6.44E-11	14.00	1.15E-02	1.03E-11	1,000,000	1.03E-05	2.0E-04			
256	5.9278E-07	2.6654E-07	2.50E-04	6.67E-11	14.00	1.15E-02	1.07E-11	1,000,000	1.07E-05	2.1E-04			
257	5.9278E-07	2.7515E-07	2.50E-04	6.89E-11	14.00	1.15E-02	1.11E-11	1,000,000	1.11E-05	2.2E-04			
258	5.9278E-07	2.8269E-07	2.50E-04	7.07E-11	14.00	1.15E-02	1.14E-11	1,000,000	1.14E-05	2.2E-04			
259	5.9278E-07	2.8919E-07	2.50E-04	7.24E-11	14.00	1.15E-02	1.16E-11	1,000,000	1.16E-05	2.3E-04			
260	5.9278E-07	2.9433E-07	2.50E-04	7.37E-11	14.00	1.15E-02	1.18E-11	1,000,000	1.18E-05	2.3E-04			
261	5.9278E-07	2.9804E-07	2.50E-04	7.46E-11	14.00	1.15E-02	1.20E-11	1,000,000	1.20E-05	2.3E-04			
262	5.9278E-07	3.0019E-07	2.50E-04	7.51E-11	14.00	1.15E-02	1.21E-11	1,000,000	1.21E-05	2.3E-04			
263	5.9278E-07	2.3668E-07	2.50E-04	5.92E-11	14.00	1.15E-02	9.51E-12	1,000,000	9.51E-06	1.8E-04			
264	5.9278E-07	2.4863E-07	2.50E-04	6.22E-11	14.00	1.15E-02	9.99E-12	1,000,000	9.99E-06	1.9E-04			
265	5.9278E-07	2.6052E-07	2.50E-04	6.52E-11	14.00	1.15E-02	1.05E-11	1,000,000	1.05E-05	2.0E-04			
266	5.9278E-07	2.7234E-07	2.50E-04	6.82E-11	14.00	1.15E-02	1.09E-11	1,000,000	1.09E-05	2.1E-04			
267	5.9278E-07	2.8372E-07	2.50E-04	7.10E-11	14.00	1.15E-02	1.14E-11	1,000,000	1.14E-05	2.2E-04			
268	5.9278E-07	2.9457E-07	2.50E-04	7.37E-11	14.00	1.15E-02	1.18E-11	1,000,000	1.18E-05	2.3E-04			
269	5.9278E-07	3.0432E-07	2.50E-04	7.62E-11	14.00	1.15E-02	1.22E-11	1,000,000	1.22E-05	2.4E-04			
270	5.9278E-07	3.1297E-07	2.50E-04	7.83E-11	14.00	1.15E-02	1.26E-11	1,000,000	1.26E-05	2.4E-04			
271	5.9278E-07	3.2005E-07	2.50E-04	8.01E-11	14.00	1.15E-02	1.29E-11	1,000,000	1.29E-05	2.5E-04			
272	5.9278E-07	3.2551E-07	2.50E-04	8.15E-11	14.00	1.15E-02	1.31E-11	1,000,000	1.31E-05	2.5E-04			
273	5.9278E-07	3.292E-07	2.50E-04	8.24E-11	14.00	1.15E-02	1.32E-11	1,000,000	1.32E-05	2.6E-04			
274	5.9278E-07	3.3176E-07	2.50E-04	8.30E-11	14.00	1.15E-02	1.33E-11	1,000,000	1.33E-05	2.6E-04			
275	5.9278E-07	2.463E-07	2.50E-04	6.16E-11	14.00	1.15E-02	9.90E-12	1,000,000	9.90E-06	1.9E-04			

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 4

	Cancer Risk 14 to 30 years												
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million	Total Risk		Max	Receptor #
276	5.9278E-07	2.5987E-07	2.50E-04	6.50E-11	14.00	1.15E-02	1.04E-11	1,000,000	1.04E-05	2.0E-04			
277	5.9278E-07	2.7378E-07	2.50E-04	6.85E-11	14.00	1.15E-02	1.10E-11	1,000,000	1.10E-05	2.1E-04			
278	5.9278E-07	2.8783E-07	2.50E-04	7.20E-11	14.00	1.15E-02	1.16E-11	1,000,000	1.16E-05	2.2E-04			
279	5.9278E-07	3.017E-07	2.50E-04	7.55E-11	14.00	1.15E-02	1.21E-11	1,000,000	1.21E-05	2.4E-04			
280	5.9278E-07	3.1514E-07	2.50E-04	7.89E-11	14.00	1.15E-02	1.27E-11	1,000,000	1.27E-05	2.5E-04			
281	5.9278E-07	3.2781E-07	2.50E-04	8.20E-11	14.00	1.15E-02	1.32E-11	1,000,000	1.32E-05	2.6E-04			
282	5.9278E-07	3.3914E-07	2.50E-04	8.49E-11	14.00	1.15E-02	1.36E-11	1,000,000	1.36E-05	2.7E-04			
283	5.9278E-07	3.4887E-07	2.50E-04	8.73E-11	14.00	1.15E-02	1.40E-11	1,000,000	1.40E-05	2.7E-04			
284	5.9278E-07	3.568E-07	2.50E-04	8.93E-11	14.00	1.15E-02	1.43E-11	1,000,000	1.43E-05	2.8E-04			
285	5.9278E-07	3.6274E-07	2.50E-04	9.08E-11	14.00	1.15E-02	1.46E-11	1,000,000	1.46E-05	2.8E-04			
286	5.9278E-07	3.6665E-07	2.50E-04	9.18E-11	14.00	1.15E-02	1.47E-11	1,000,000	1.47E-05	2.9E-04			
287	5.9278E-07	2.5583E-07	2.50E-04	6.40E-11	14.00	1.15E-02	1.03E-11	1,000,000	1.03E-05	2.0E-04			
288	5.9278E-07	2.7121E-07	2.50E-04	6.79E-11	14.00	1.15E-02	1.09E-11	1,000,000	1.09E-05	2.1E-04			
289	5.9278E-07	2.8729E-07	2.50E-04	7.19E-11	14.00	1.15E-02	1.15E-11	1,000,000	1.15E-05	2.2E-04			
290	5.9278E-07	3.0376E-07	2.50E-04	7.60E-11	14.00	1.15E-02	1.22E-11	1,000,000	1.22E-05	2.4E-04			
291	5.9278E-07	3.2044E-07	2.50E-04	8.02E-11	14.00	1.15E-02	1.29E-11	1,000,000	1.29E-05	2.5E-04			
292	5.9278E-07	3.3683E-07	2.50E-04	8.43E-11	14.00	1.15E-02	1.35E-11	1,000,000	1.35E-05	2.6E-04			
293	5.9278E-07	3.5275E-07	2.50E-04	8.83E-11	14.00	1.15E-02	1.42E-11	1,000,000	1.42E-05	2.8E-04			
294	5.9278E-07	3.6749E-07	2.50E-04	9.20E-11	14.00	1.15E-02	1.48E-11	1,000,000	1.48E-05	2.9E-04			
295	5.9278E-07	3.8064E-07	2.50E-04	9.53E-11	14.00	1.15E-02	1.53E-11	1,000,000	1.53E-05	3.0E-04			
296	5.9278E-07	3.9186E-07	2.50E-04	9.81E-11	14.00	1.15E-02	1.58E-11	1,000,000	1.58E-05	3.1E-04			
297	5.9278E-07	4.0086E-07	2.50E-04	1.00E-10	14.00	1.15E-02	1.61E-11	1,000,000	1.61E-05	3.1E-04			
298	5.9278E-07	4.072E-07	2.50E-04	1.02E-10	14.00	1.15E-02	1.64E-11	1,000,000	1.64E-05	3.2E-04			
299	5.9278E-07	2.6532E-07	2.50E-04	6.64E-11	14.00	1.15E-02	1.07E-11	1,000,000	1.07E-05	2.1E-04			
300	5.9278E-07	2.8249E-07	2.50E-04	7.07E-11	14.00	1.15E-02	1.14E-11	1,000,000	1.14E-05	2.2E-04			
301	5.9278E-07	3.0078E-07	2.50E-04	7.53E-11	14.00	1.15E-02	1.21E-11	1,000,000	1.21E-05	2.4E-04			
302	5.9278E-07	3.1989E-07	2.50E-04	8.01E-11	14.00	1.15E-02	1.29E-11	1,000,000	1.29E-05	2.5E-04			
303	5.9278E-07	3.3949E-07	2.50E-04	8.50E-11	14.00	1.15E-02	1.36E-11	1,000,000	1.36E-05	2.7E-04			
304	5.9278E-07	3.5959E-07	2.50E-04	9.00E-11	14.00	1.15E-02	1.45E-11	1,000,000	1.45E-05	2.8E-04			
305	5.9278E-07	3.7925E-07	2.50E-04	9.49E-11	14.00	1.15E-02	1.52E-11	1,000,000	1.52E-05	3.0E-04			
306	5.9278E-07	3.9827E-07	2.50E-04	9.97E-11	14.00	1.15E-02	1.60E-11	1,000,000	1.60E-05	3.1E-04			
307	5.9278E-07	4.1589E-07	2.50E-04	1.04E-10	14.00	1.15E-02	1.67E-11	1,000,000	1.67E-05	3.3E-04			
308	5.9278E-07	4.3162E-07	2.50E-04	1.08E-10	14.00	1.15E-02	1.73E-11	1,000,000	1.73E-05	3.4E-04			

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 4

	Cancer Risk 14 to 30 years												
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million	Total Risk		Max	Receptor #
309	5.9278E-07	4.4487E-07	2.50E-04	1.11E-10	14.00	1.15E-02	1.79E-11	1,000,000	1.79E-05	3.5E-04			
310	5.9278E-07	4.5467E-07	2.50E-04	1.14E-10	14.00	1.15E-02	1.83E-11	1,000,000	1.83E-05	3.6E-04			
311	5.9278E-07	2.7473E-07	2.50E-04	6.88E-11	14.00	1.15E-02	1.10E-11	1,000,000	1.10E-05	2.1E-04			
312	5.9278E-07	2.9368E-07	2.50E-04	7.35E-11	14.00	1.15E-02	1.18E-11	1,000,000	1.18E-05	2.3E-04			
313	5.9278E-07	3.1412E-07	2.50E-04	7.86E-11	14.00	1.15E-02	1.26E-11	1,000,000	1.26E-05	2.5E-04			
314	5.9278E-07	3.3595E-07	2.50E-04	8.41E-11	14.00	1.15E-02	1.35E-11	1,000,000	1.35E-05	2.6E-04			
315	5.9278E-07	3.591E-07	2.50E-04	8.99E-11	14.00	1.15E-02	1.44E-11	1,000,000	1.44E-05	2.8E-04			
316	5.9278E-07	3.8313E-07	2.50E-04	9.59E-11	14.00	1.15E-02	1.54E-11	1,000,000	1.54E-05	3.0E-04			
317	5.9278E-07	4.0735E-07	2.50E-04	1.02E-10	14.00	1.15E-02	1.64E-11	1,000,000	1.64E-05	3.2E-04			
318	5.9278E-07	4.3158E-07	2.50E-04	1.08E-10	14.00	1.15E-02	1.73E-11	1,000,000	1.73E-05	3.4E-04			
319	5.9278E-07	4.5474E-07	2.50E-04	1.14E-10	14.00	1.15E-02	1.83E-11	1,000,000	1.83E-05	3.6E-04			
320	5.9278E-07	4.7636E-07	2.50E-04	1.19E-10	14.00	1.15E-02	1.91E-11	1,000,000	1.91E-05	3.7E-04			
321	5.9278E-07	4.9516E-07	2.50E-04	1.24E-10	14.00	1.15E-02	1.99E-11	1,000,000	1.99E-05	3.9E-04			
322	5.9278E-07	5.1032E-07	2.50E-04	1.28E-10	14.00	1.15E-02	2.05E-11	1,000,000	2.05E-05	4.0E-04			
323	5.9278E-07	2.842E-07	2.50E-04	7.11E-11	14.00	1.15E-02	1.14E-11	1,000,000	1.14E-05	2.2E-04			
324	5.9278E-07	3.0506E-07	2.50E-04	7.63E-11	14.00	1.15E-02	1.23E-11	1,000,000	1.23E-05	2.4E-04			
325	5.9278E-07	3.278E-07	2.50E-04	8.20E-11	14.00	1.15E-02	1.32E-11	1,000,000	1.32E-05	2.6E-04			
326	5.9278E-07	3.5279E-07	2.50E-04	8.83E-11	14.00	1.15E-02	1.42E-11	1,000,000	1.42E-05	2.8E-04			
327	5.9278E-07	3.7894E-07	2.50E-04	9.48E-11	14.00	1.15E-02	1.52E-11	1,000,000	1.52E-05	3.0E-04			
328	5.9278E-07	4.0712E-07	2.50E-04	1.02E-10	14.00	1.15E-02	1.64E-11	1,000,000	1.64E-05	3.2E-04			
329	5.9278E-07	4.3594E-07	2.50E-04	1.09E-10	14.00	1.15E-02	1.75E-11	1,000,000	1.75E-05	3.4E-04			
330	5.9278E-07	4.6663E-07	2.50E-04	1.17E-10	14.00	1.15E-02	1.88E-11	1,000,000	1.88E-05	3.6E-04			
331	5.9278E-07	4.9688E-07	2.50E-04	1.24E-10	14.00	1.15E-02	2.00E-11	1,000,000	2.00E-05	3.9E-04			
332	5.9278E-07	5.2592E-07	2.50E-04	1.32E-10	14.00	1.15E-02	2.11E-11	1,000,000	2.11E-05	4.1E-04			
333	5.9278E-07	5.526E-07	2.50E-04	1.38E-10	14.00	1.15E-02	2.22E-11	1,000,000	2.22E-05	4.3E-04			
334	5.9278E-07	5.7606E-07	2.50E-04	1.44E-10	14.00	1.15E-02	2.32E-11	1,000,000	2.32E-05	4.5E-04			
335	5.9278E-07	2.9384E-07	2.50E-04	7.35E-11	14.00	1.15E-02	1.18E-11	1,000,000	1.18E-05	2.3E-04			
336	5.9278E-07	3.1655E-07	2.50E-04	7.92E-11	14.00	1.15E-02	1.27E-11	1,000,000	1.27E-05	2.5E-04			
337	5.9278E-07	3.4163E-07	2.50E-04	8.55E-11	14.00	1.15E-02	1.37E-11	1,000,000	1.37E-05	2.7E-04			
338	5.9278E-07	3.6946E-07	2.50E-04	9.25E-11	14.00	1.15E-02	1.49E-11	1,000,000	1.49E-05	2.9E-04			
339	5.9278E-07	3.9926E-07	2.50E-04	9.99E-11	14.00	1.15E-02	1.60E-11	1,000,000	1.60E-05	3.1E-04			
340	5.9278E-07	4.3196E-07	2.50E-04	1.08E-10	14.00	1.15E-02	1.74E-11	1,000,000	1.74E-05	3.4E-04			
341	5.9278E-07	4.664E-07	2.50E-04	1.17E-10	14.00	1.15E-02	1.87E-11	1,000,000	1.87E-05	3.6E-04			

Sywest Industrial Building - Alternative 3
Unmitigated - Operational - ED Risk - Haul 4

	Chronic Non Cancer Risk				
Receptor #	**REL**	**HI**		**Max**	**Receptor #**
1	5	1.13E-08		1.152E-07	334 Res
2	5	1.12E-08			
3	5	1.13E-08			
4	5	1.14E-08			
5	5	1.16E-08			
6	5	1.17E-08			
7	5	1.18E-08			
8	5	8.61E-09			
9	5	8.55E-09			
10	5	8.48E-09			
11	5	8.42E-09			
12	5	8.36E-09			
13	5	8.31E-09			
14	5	8.26E-09			
15	5	8.21E-09			
16	5	8.85E-09			
17	5	8.78E-09			
18	5	8.72E-09			
19	5	8.65E-09			
20	5	8.59E-09			
21	5	8.53E-09			
22	5	8.48E-09			
23	5	8.43E-09			
24	5	8.96E-09			
25	5	8.89E-09			
26	5	8.83E-09			
27	5	8.77E-09			
28	5	8.71E-09			
29	5	8.66E-09			
30	5	9.21E-09			
31	5	9.14E-09			
32	5	9.08E-09			
33	5	9.01E-09			

Sywest Industrial Building - Alternative 3
Unmitigated - Operational - ED Risk - Haul 4

	Chronic Non Cancer Risk				
Receptor #	**REL**	**HI**		**Max**	**Receptor #**
34	5	8.95E-09			
35	5	8.90E-09			
36	5	9.47E-09			
37	5	9.40E-09			
38	5	9.33E-09			
39	5	9.27E-09			
40	5	9.20E-09			
41	5	9.15E-09			
42	5	1.05E-08			
43	5	1.04E-08			
44	5	1.04E-08			
45	5	1.03E-08			
46	5	1.03E-08			
47	5	1.02E-08			
48	5	1.02E-08			
49	5	9.75E-09			
50	5	9.67E-09			
51	5	9.60E-09			
52	5	9.53E-09			
53	5	9.47E-09			
54	5	9.41E-09			
55	5	1.08E-08			
56	5	1.08E-08			
57	5	1.07E-08			
58	5	1.07E-08			
59	5	1.06E-08			
60	5	1.06E-08			
61	5	1.06E-08			
62	5	1.05E-08			
63	5	1.04E-08			
64	5	1.00E-08			
65	5	9.96E-09			
66	5	9.89E-09			

Sywest Industrial Building - Alternative 3
Unmitigated - Operational - ED Risk - Haul 4

	Chronic Non Cancer Risk				
Receptor #	**REL**	**HI**		**Max**	**Receptor #**
67	5	9.82E-09			
68	5	9.75E-09			
69	5	9.69E-09			
70	5	1.11E-08			
71	5	1.10E-08			
72	5	1.10E-08			
73	5	1.10E-08			
74	5	1.09E-08			
75	5	1.09E-08			
76	5	1.08E-08			
77	5	1.07E-08			
78	5	1.03E-08			
79	5	1.02E-08			
80	5	1.01E-08			
81	5	1.00E-08			
82	5	9.98E-09			
83	5	1.14E-08			
84	5	1.14E-08			
85	5	1.13E-08			
86	5	1.13E-08			
87	5	1.12E-08			
88	5	1.12E-08			
89	5	1.11E-08			
90	5	1.11E-08			
91	5	1.10E-08			
92	5	1.07E-08			
93	5	1.06E-08			
94	5	1.05E-08			
95	5	1.04E-08			
96	5	1.04E-08			
97	5	1.03E-08			
98	5	1.17E-08			
99	5	1.17E-08			

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 4

	Chronic Non Cancer Risk				
Receptor #	**REL**	**HI**		**Max**	**Receptor #**
100	5	1.16E-08			
101	5	1.16E-08			
102	5	1.15E-08			
103	5	1.15E-08			
104	5	1.14E-08			
105	5	1.13E-08			
106	5	1.10E-08			
107	5	1.09E-08			
108	5	1.08E-08			
109	5	1.08E-08			
110	5	1.07E-08			
111	5	1.06E-08			
112	5	1.20E-08			
113	5	1.20E-08			
114	5	1.20E-08			
115	5	1.19E-08			
116	5	1.18E-08			
117	5	1.18E-08			
118	5	1.17E-08			
119	5	1.16E-08			
120	5	1.14E-08			
121	5	1.13E-08			
122	5	1.12E-08			
123	5	1.11E-08			
124	5	1.10E-08			
125	5	1.09E-08			
126	5	1.24E-08			
127	5	1.24E-08			
128	5	1.23E-08			
129	5	1.23E-08			
130	5	1.22E-08			
131	5	1.22E-08			
132	5	1.21E-08			

Sywest Industrial Building - Alternative 3
Unmitigated - Operational - ED Risk - Haul 4

	Chronic Non Cancer Risk				
Receptor #	**REL**	**HI**		**Max**	**Receptor #**
133	5	1.20E-08			
134	5	1.17E-08			
135	5	1.16E-08			
136	5	1.15E-08			
137	5	1.14E-08			
138	5	1.13E-08			
139	5	1.28E-08			
140	5	1.27E-08			
141	5	1.27E-08			
142	5	1.26E-08			
143	5	1.26E-08			
144	5	1.25E-08			
145	5	1.24E-08			
146	5	1.23E-08			
147	5	1.20E-08			
148	5	1.19E-08			
149	5	1.19E-08			
150	5	1.18E-08			
151	5	1.17E-08			
152	5	1.32E-08			
153	5	1.31E-08			
154	5	1.31E-08			
155	5	1.31E-08			
156	5	1.30E-08			
157	5	1.29E-08			
158	5	1.28E-08			
159	5	1.27E-08			
160	5	1.27E-08			
161	5	1.26E-08			
162	5	1.25E-08			
163	5	1.24E-08			
164	5	1.23E-08			
165	5	1.22E-08			

Sywest Industrial Building - Alternative 3
Unmitigated - Operational - ED Risk - Haul 4

	Chronic Non Cancer Risk				
Receptor #	**REL**	**HI**		**Max**	**Receptor #**
166	5	1.21E-08			
167	5	1.36E-08			
168	5	1.35E-08			
169	5	1.35E-08			
170	5	1.34E-08			
171	5	1.34E-08			
172	5	1.33E-08			
173	5	1.32E-08			
174	5	1.31E-08			
175	5	1.30E-08			
176	5	1.29E-08			
177	5	1.28E-08			
178	5	1.27E-08			
179	5	1.26E-08			
180	5	1.25E-08			
181	5	1.40E-08			
182	5	1.40E-08			
183	5	1.40E-08			
184	5	1.39E-08			
185	5	1.38E-08			
186	5	1.38E-08			
187	5	1.37E-08			
188	5	1.36E-08			
189	5	1.35E-08			
190	5	1.34E-08			
191	5	1.33E-08			
192	5	1.32E-08			
193	5	1.30E-08			
194	5	1.30E-08			
195	5	1.45E-08			
196	5	1.44E-08			
197	5	1.44E-08			
198	5	1.43E-08			

Sywest Industrial Building - Alternative 3
Unmitigated - Operational - ED Risk - Haul 4

	Chronic Non Cancer Risk				
Receptor #	**REL**	**HI**		**Max**	**Receptor #**
199	5	1.43E-08			
200	5	1.42E-08			
201	5	1.41E-08			
202	5	1.40E-08			
203	5	1.39E-08			
204	5	1.38E-08			
205	5	1.36E-08			
206	5	1.35E-08			
207	5	1.34E-08			
208	5	1.50E-08			
209	5	1.49E-08			
210	5	1.49E-08			
211	5	1.48E-08			
212	5	1.47E-08			
213	5	1.46E-08			
214	5	1.45E-08			
215	5	1.44E-08			
216	5	1.43E-08			
217	5	1.42E-08			
218	5	1.40E-08			
219	5	1.39E-08			
220	5	1.53E-08			
221	5	1.52E-08			
222	5	1.51E-08			
223	5	1.49E-08			
224	5	1.48E-08			
225	5	1.47E-08			
226	5	1.46E-08			
227	5	1.45E-08			
228	5	1.58E-08			
229	5	1.57E-08			
230	5	1.55E-08			
231	5	1.54E-08			

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 4

	Chronic Non Cancer Risk				
Receptor #	**REL**	**HI**		**Max**	**Receptor #**
232	5	1.53E-08			
233	5	1.52E-08			
234	5	1.51E-08			
235	5	1.50E-08			
236	5	1.55E-08			
237	5	1.54E-08			
238	5	1.54E-08			
239	5	1.60E-08			
240	5	1.60E-08			
241	5	1.59E-08			
242	5	1.58E-08			

Sywest Industrial Building - Alternative 3
Unmitigated - Operational - ED Risk - Haul 4

	Chronic Non Cancer Risk				
Receptor #	**REL**	**HI**		**Max**	**Receptor #**
243	5	4.69E-08			
244	5	4.86E-08			
245	5	5.01E-08			
246	5	5.14E-08			
247	5	5.26E-08			
248	5	5.35E-08			
249	5	5.42E-08			
250	5	5.47E-08			
251	5	5.50E-08			
252	5	4.54E-08			
253	5	4.75E-08			
254	5	4.95E-08			
255	5	5.15E-08			
256	5	5.33E-08			
257	5	5.50E-08			
258	5	5.65E-08			
259	5	5.78E-08			
260	5	5.89E-08			
261	5	5.96E-08			
262	5	6.00E-08			
263	5	4.73E-08			
264	5	4.97E-08			
265	5	5.21E-08			
266	5	5.45E-08			
267	5	5.67E-08			
268	5	5.89E-08			
269	5	6.09E-08			
270	5	6.26E-08			
271	5	6.40E-08			
272	5	6.51E-08			
273	5	6.58E-08			
274	5	6.64E-08			
275	5	4.93E-08			

Sywest Industrial Building - Alternative 3
Unmitigated - Operational - ED Risk - Haul 4

	Chronic Non Cancer Risk				
Receptor #	**REL**	**HI**		**Max**	**Receptor #**
276	5	5.20E-08			
277	5	5.48E-08			
278	5	5.76E-08			
279	5	6.03E-08			
280	5	6.30E-08			
281	5	6.56E-08			
282	5	6.78E-08			
283	5	6.98E-08			
284	5	7.14E-08			
285	5	7.25E-08			
286	5	7.33E-08			
287	5	5.12E-08			
288	5	5.42E-08			
289	5	5.75E-08			
290	5	6.08E-08			
291	5	6.41E-08			
292	5	6.74E-08			
293	5	7.06E-08			
294	5	7.35E-08			
295	5	7.61E-08			
296	5	7.84E-08			
297	5	8.02E-08			
298	5	8.14E-08			
299	5	5.31E-08			
300	5	5.65E-08			
301	5	6.02E-08			
302	5	6.40E-08			
303	5	6.79E-08			
304	5	7.19E-08			
305	5	7.59E-08			
306	5	7.97E-08			
307	5	8.32E-08			
308	5	8.63E-08			

Sywest Industrial Building - Alternative 3
Unmitigated - Operational - ED Risk - Haul 4

	Chronic Non Cancer Risk				
Receptor #	**REL**	**HI**		**Max**	**Receptor #**
309	5	8.90E-08			
310	5	9.09E-08			
311	5	5.49E-08			
312	5	5.87E-08			
313	5	6.28E-08			
314	5	6.72E-08			
315	5	7.18E-08			
316	5	7.66E-08			
317	5	8.15E-08			
318	5	8.63E-08			
319	5	9.09E-08			
320	5	9.53E-08			
321	5	9.90E-08			
322	5	1.02E-07			
323	5	5.68E-08			
324	5	6.10E-08			
325	5	6.56E-08			
326	5	7.06E-08			
327	5	7.58E-08			
328	5	8.14E-08			
329	5	8.72E-08			
330	5	9.33E-08			
331	5	9.94E-08			
332	5	1.05E-07			
333	5	1.11E-07			
334	5	1.15E-07			
335	5	5.88E-08			
336	5	6.33E-08			
337	5	6.83E-08			
338	5	7.39E-08			
339	5	7.99E-08			
340	5	8.64E-08			
341	5	9.33E-08			

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 5

		Cancer Risk from 3rd Trimester								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
1	0.07814	**9.7802E-07**	7.6423E-08	3.46E-04	2.65E-11	0.25	1.57E-01	1.04E-12	1,000,000	1.04E-06
2	0.07545	9.7802E-07	7.3792E-08	3.46E-04	2.55E-11	0.25	1.57E-01	1.00E-12	1,000,000	1.00E-06
3	0.07596	9.7802E-07	7.4291E-08	3.46E-04	2.57E-11	0.25	1.57E-01	1.01E-12	1,000,000	1.01E-06
4	0.07702	9.7802E-07	7.5327E-08	3.46E-04	2.61E-11	0.25	1.57E-01	1.02E-12	1,000,000	1.02E-06
5	0.078	9.7802E-07	7.6286E-08	3.46E-04	2.64E-11	0.25	1.57E-01	1.04E-12	1,000,000	1.04E-06
6	0.0786	9.7802E-07	7.6873E-08	3.46E-04	2.66E-11	0.25	1.57E-01	1.05E-12	1,000,000	1.05E-06
7	0.07971	9.7802E-07	7.7958E-08	3.46E-04	2.70E-11	0.25	1.57E-01	1.06E-12	1,000,000	1.06E-06
8	0.07026	9.7802E-07	6.8716E-08	3.46E-04	2.38E-11	0.25	1.57E-01	9.34E-13	1,000,000	9.34E-07
9	0.06999	9.7802E-07	6.8452E-08	3.46E-04	2.37E-11	0.25	1.57E-01	9.31E-13	1,000,000	9.31E-07
10	0.06963	9.7802E-07	6.81E-08	3.46E-04	2.36E-11	0.25	1.57E-01	9.26E-13	1,000,000	9.26E-07
11	0.06925	9.7802E-07	6.7728E-08	3.46E-04	2.34E-11	0.25	1.57E-01	9.21E-13	1,000,000	9.21E-07
12	0.06888	9.7802E-07	6.7366E-08	3.46E-04	2.33E-11	0.25	1.57E-01	9.16E-13	1,000,000	9.16E-07
13	0.06849	9.7802E-07	6.6985E-08	3.46E-04	2.32E-11	0.25	1.57E-01	9.11E-13	1,000,000	9.11E-07
14	0.0681	9.7802E-07	6.6603E-08	3.46E-04	2.31E-11	0.25	1.57E-01	9.06E-13	1,000,000	9.06E-07
15	0.06769	9.7802E-07	6.6202E-08	3.46E-04	2.29E-11	0.25	1.57E-01	9.00E-13	1,000,000	9.00E-07
16	0.07202	9.7802E-07	7.0437E-08	3.46E-04	2.44E-11	0.25	1.57E-01	9.58E-13	1,000,000	9.58E-07
17	0.07174	9.7802E-07	7.0163E-08	3.46E-04	2.43E-11	0.25	1.57E-01	9.54E-13	1,000,000	9.54E-07
18	0.07137	9.7802E-07	6.9802E-08	3.46E-04	2.42E-11	0.25	1.57E-01	9.49E-13	1,000,000	9.49E-07
19	0.07099	9.7802E-07	6.943E-08	3.46E-04	2.40E-11	0.25	1.57E-01	9.44E-13	1,000,000	9.44E-07
20	0.07062	9.7802E-07	6.9068E-08	3.46E-04	2.39E-11	0.25	1.57E-01	9.39E-13	1,000,000	9.39E-07
21	0.07021	9.7802E-07	6.8667E-08	3.46E-04	2.38E-11	0.25	1.57E-01	9.34E-13	1,000,000	9.34E-07
22	0.0698	9.7802E-07	6.8266E-08	3.46E-04	2.36E-11	0.25	1.57E-01	9.28E-13	1,000,000	9.28E-07
23	0.0694	9.7802E-07	6.7875E-08	3.46E-04	2.35E-11	0.25	1.57E-01	9.23E-13	1,000,000	9.23E-07
24	0.07319	9.7802E-07	7.1582E-08	3.46E-04	2.48E-11	0.25	1.57E-01	9.73E-13	1,000,000	9.73E-07
25	0.07281	9.7802E-07	7.121E-08	3.46E-04	2.47E-11	0.25	1.57E-01	9.68E-13	1,000,000	9.68E-07
26	0.07244	9.7802E-07	7.0848E-08	3.46E-04	2.45E-11	0.25	1.57E-01	9.63E-13	1,000,000	9.63E-07
27	0.07203	9.7802E-07	7.0447E-08	3.46E-04	2.44E-11	0.25	1.57E-01	9.58E-13	1,000,000	9.58E-07
28	0.0716	9.7802E-07	7.0026E-08	3.46E-04	2.42E-11	0.25	1.57E-01	9.52E-13	1,000,000	9.52E-07
29	0.07119	9.7802E-07	6.9625E-08	3.46E-04	2.41E-11	0.25	1.57E-01	9.47E-13	1,000,000	9.47E-07
30	0.07508	9.7802E-07	7.343E-08	3.46E-04	2.54E-11	0.25	1.57E-01	9.99E-13	1,000,000	9.99E-07
31	0.07469	9.7802E-07	7.3049E-08	3.46E-04	2.53E-11	0.25	1.57E-01	9.93E-13	1,000,000	9.93E-07
32	0.07433	9.7802E-07	7.2696E-08	3.46E-04	2.52E-11	0.25	1.57E-01	9.89E-13	1,000,000	9.89E-07
33	0.07391	9.7802E-07	7.2286E-08	3.46E-04	2.50E-11	0.25	1.57E-01	9.83E-13	1,000,000	9.83E-07

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 5

		Cancer Risk from 3rd Trimester								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
34	0.07346	9.7802E-07	7.1846E-08	3.46E-04	2.49E-11	0.25	1.57E-01	9.77E-13	1,000,000	9.77E-07
35	0.07305	9.7802E-07	7.1445E-08	3.46E-04	2.47E-11	0.25	1.57E-01	9.72E-13	1,000,000	9.72E-07
36	0.07702	9.7802E-07	7.5327E-08	3.46E-04	2.61E-11	0.25	1.57E-01	1.02E-12	1,000,000	1.02E-06
37	0.07664	9.7802E-07	7.4956E-08	3.46E-04	2.59E-11	0.25	1.57E-01	1.02E-12	1,000,000	1.02E-06
38	0.07628	9.7802E-07	7.4604E-08	3.46E-04	2.58E-11	0.25	1.57E-01	1.01E-12	1,000,000	1.01E-06
39	0.07585	9.7802E-07	7.4183E-08	3.46E-04	2.57E-11	0.25	1.57E-01	1.01E-12	1,000,000	1.01E-06
40	0.0754	9.7802E-07	7.3743E-08	3.46E-04	2.55E-11	0.25	1.57E-01	1.00E-12	1,000,000	1.00E-06
41	0.07498	9.7802E-07	7.3332E-08	3.46E-04	2.54E-11	0.25	1.57E-01	9.97E-13	1,000,000	9.97E-07
42	0.07977	9.7802E-07	7.8017E-08	3.46E-04	2.70E-11	0.25	1.57E-01	1.06E-12	1,000,000	1.06E-06
43	0.07996	9.7802E-07	7.8203E-08	3.46E-04	2.71E-11	0.25	1.57E-01	1.06E-12	1,000,000	1.06E-06
44	0.08012	9.7802E-07	7.8359E-08	3.46E-04	2.71E-11	0.25	1.57E-01	1.07E-12	1,000,000	1.07E-06
45	0.08023	9.7802E-07	7.8467E-08	3.46E-04	2.72E-11	0.25	1.57E-01	1.07E-12	1,000,000	1.07E-06
46	0.08031	9.7802E-07	7.8545E-08	3.46E-04	2.72E-11	0.25	1.57E-01	1.07E-12	1,000,000	1.07E-06
47	0.08037	9.7802E-07	7.8604E-08	3.46E-04	2.72E-11	0.25	1.57E-01	1.07E-12	1,000,000	1.07E-06
48	0.08034	9.7802E-07	7.8574E-08	3.46E-04	2.72E-11	0.25	1.57E-01	1.07E-12	1,000,000	1.07E-06
49	0.07905	9.7802E-07	7.7313E-08	3.46E-04	2.68E-11	0.25	1.57E-01	1.05E-12	1,000,000	1.05E-06
50	0.07867	9.7802E-07	7.6941E-08	3.46E-04	2.66E-11	0.25	1.57E-01	1.05E-12	1,000,000	1.05E-06
51	0.0783	9.7802E-07	7.6579E-08	3.46E-04	2.65E-11	0.25	1.57E-01	1.04E-12	1,000,000	1.04E-06
52	0.07787	9.7802E-07	7.6159E-08	3.46E-04	2.64E-11	0.25	1.57E-01	1.04E-12	1,000,000	1.04E-06
53	0.07742	9.7802E-07	7.5719E-08	3.46E-04	2.62E-11	0.25	1.57E-01	1.03E-12	1,000,000	1.03E-06
54	0.077	9.7802E-07	7.5308E-08	3.46E-04	2.61E-11	0.25	1.57E-01	1.02E-12	1,000,000	1.02E-06
55	0.08113	9.7802E-07	7.9347E-08	3.46E-04	2.75E-11	0.25	1.57E-01	1.08E-12	1,000,000	1.08E-06
56	0.08152	9.7802E-07	7.9728E-08	3.46E-04	2.76E-11	0.25	1.57E-01	1.08E-12	1,000,000	1.08E-06
57	0.08177	9.7802E-07	7.9973E-08	3.46E-04	2.77E-11	0.25	1.57E-01	1.09E-12	1,000,000	1.09E-06
58	0.08201	9.7802E-07	8.0208E-08	3.46E-04	2.78E-11	0.25	1.57E-01	1.09E-12	1,000,000	1.09E-06
59	0.08216	9.7802E-07	8.0354E-08	3.46E-04	2.78E-11	0.25	1.57E-01	1.09E-12	1,000,000	1.09E-06
60	0.08226	9.7802E-07	8.0452E-08	3.46E-04	2.78E-11	0.25	1.57E-01	1.09E-12	1,000,000	1.09E-06
61	0.08235	9.7802E-07	8.054E-08	3.46E-04	2.79E-11	0.25	1.57E-01	1.10E-12	1,000,000	1.10E-06
62	0.08236	9.7802E-07	8.055E-08	3.46E-04	2.79E-11	0.25	1.57E-01	1.10E-12	1,000,000	1.10E-06
63	0.08227	9.7802E-07	8.0462E-08	3.46E-04	2.79E-11	0.25	1.57E-01	1.09E-12	1,000,000	1.09E-06
64	0.08117	9.7802E-07	7.9386E-08	3.46E-04	2.75E-11	0.25	1.57E-01	1.08E-12	1,000,000	1.08E-06
65	0.08078	9.7802E-07	7.9005E-08	3.46E-04	2.73E-11	0.25	1.57E-01	1.07E-12	1,000,000	1.07E-06
66	0.08039	9.7802E-07	7.8623E-08	3.46E-04	2.72E-11	0.25	1.57E-01	1.07E-12	1,000,000	1.07E-06

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 5

		Cancer Risk from 3rd Trimester								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
67	0.07999	9.7802E-07	7.8232E-08	3.46E-04	2.71E-11	0.25	1.57E-01	1.06E-12	1,000,000	1.06E-06
68	0.07952	9.7802E-07	7.7772E-08	3.46E-04	2.69E-11	0.25	1.57E-01	1.06E-12	1,000,000	1.06E-06
69	0.07909	9.7802E-07	7.7352E-08	3.46E-04	2.68E-11	0.25	1.57E-01	1.05E-12	1,000,000	1.05E-06
70	0.08334	9.7802E-07	8.1508E-08	3.46E-04	2.82E-11	0.25	1.57E-01	1.11E-12	1,000,000	1.11E-06
71	0.08363	9.7802E-07	8.1792E-08	3.46E-04	2.83E-11	0.25	1.57E-01	1.11E-12	1,000,000	1.11E-06
72	0.08391	9.7802E-07	8.2066E-08	3.46E-04	2.84E-11	0.25	1.57E-01	1.12E-12	1,000,000	1.12E-06
73	0.08414	9.7802E-07	8.2291E-08	3.46E-04	2.85E-11	0.25	1.57E-01	1.12E-12	1,000,000	1.12E-06
74	0.08427	9.7802E-07	8.2418E-08	3.46E-04	2.85E-11	0.25	1.57E-01	1.12E-12	1,000,000	1.12E-06
75	0.08436	9.7802E-07	8.2506E-08	3.46E-04	2.86E-11	0.25	1.57E-01	1.12E-12	1,000,000	1.12E-06
76	0.08445	9.7802E-07	8.2594E-08	3.46E-04	2.86E-11	0.25	1.57E-01	1.12E-12	1,000,000	1.12E-06
77	0.08439	9.7802E-07	8.2535E-08	3.46E-04	2.86E-11	0.25	1.57E-01	1.12E-12	1,000,000	1.12E-06
78	0.083	9.7802E-07	8.1176E-08	3.46E-04	2.81E-11	0.25	1.57E-01	1.10E-12	1,000,000	1.10E-06
79	0.08264	9.7802E-07	8.0824E-08	3.46E-04	2.80E-11	0.25	1.57E-01	1.10E-12	1,000,000	1.10E-06
80	0.08222	9.7802E-07	8.0413E-08	3.46E-04	2.78E-11	0.25	1.57E-01	1.09E-12	1,000,000	1.09E-06
81	0.08175	9.7802E-07	7.9953E-08	3.46E-04	2.77E-11	0.25	1.57E-01	1.09E-12	1,000,000	1.09E-06
82	0.08131	9.7802E-07	7.9523E-08	3.46E-04	2.75E-11	0.25	1.57E-01	1.08E-12	1,000,000	1.08E-06
83	0.08512	9.7802E-07	8.3249E-08	3.46E-04	2.88E-11	0.25	1.57E-01	1.13E-12	1,000,000	1.13E-06
84	0.08556	9.7802E-07	8.368E-08	3.46E-04	2.90E-11	0.25	1.57E-01	1.14E-12	1,000,000	1.14E-06
85	0.08586	9.7802E-07	8.3973E-08	3.46E-04	2.91E-11	0.25	1.57E-01	1.14E-12	1,000,000	1.14E-06
86	0.08616	9.7802E-07	8.4266E-08	3.46E-04	2.92E-11	0.25	1.57E-01	1.15E-12	1,000,000	1.15E-06
87	0.08636	9.7802E-07	8.4462E-08	3.46E-04	2.92E-11	0.25	1.57E-01	1.15E-12	1,000,000	1.15E-06
88	0.08648	9.7802E-07	8.4579E-08	3.46E-04	2.93E-11	0.25	1.57E-01	1.15E-12	1,000,000	1.15E-06
89	0.08659	9.7802E-07	8.4687E-08	3.46E-04	2.93E-11	0.25	1.57E-01	1.15E-12	1,000,000	1.15E-06
90	0.08659	9.7802E-07	8.4687E-08	3.46E-04	2.93E-11	0.25	1.57E-01	1.15E-12	1,000,000	1.15E-06
91	0.08649	9.7802E-07	8.4589E-08	3.46E-04	2.93E-11	0.25	1.57E-01	1.15E-12	1,000,000	1.15E-06
92	0.08568	9.7802E-07	8.3797E-08	3.46E-04	2.90E-11	0.25	1.57E-01	1.14E-12	1,000,000	1.14E-06
93	0.08532	9.7802E-07	8.3445E-08	3.46E-04	2.89E-11	0.25	1.57E-01	1.13E-12	1,000,000	1.13E-06
94	0.08497	9.7802E-07	8.3103E-08	3.46E-04	2.88E-11	0.25	1.57E-01	1.13E-12	1,000,000	1.13E-06
95	0.08454	9.7802E-07	8.2682E-08	3.46E-04	2.86E-11	0.25	1.57E-01	1.12E-12	1,000,000	1.12E-06
96	0.08408	9.7802E-07	8.2232E-08	3.46E-04	2.85E-11	0.25	1.57E-01	1.12E-12	1,000,000	1.12E-06
97	0.08363	9.7802E-07	8.1792E-08	3.46E-04	2.83E-11	0.25	1.57E-01	1.11E-12	1,000,000	1.11E-06
98	0.08755	9.7802E-07	8.5626E-08	3.46E-04	2.96E-11	0.25	1.57E-01	1.16E-12	1,000,000	1.16E-06
99	0.08788	9.7802E-07	8.5949E-08	3.46E-04	2.98E-11	0.25	1.57E-01	1.17E-12	1,000,000	1.17E-06

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 5

		Cancer Risk from 3rd Trimester								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
100	0.08819	9.7802E-07	8.6252E-08	3.46E-04	2.99E-11	0.25	1.57E-01	1.17E-12	1,000,000	1.17E-06
101	0.08851	9.7802E-07	8.6565E-08	3.46E-04	3.00E-11	0.25	1.57E-01	1.18E-12	1,000,000	1.18E-06
102	0.08867	9.7802E-07	8.6721E-08	3.46E-04	3.00E-11	0.25	1.57E-01	1.18E-12	1,000,000	1.18E-06
103	0.08878	9.7802E-07	8.6829E-08	3.46E-04	3.01E-11	0.25	1.57E-01	1.18E-12	1,000,000	1.18E-06
104	0.08886	9.7802E-07	8.6907E-08	3.46E-04	3.01E-11	0.25	1.57E-01	1.18E-12	1,000,000	1.18E-06
105	0.08878	9.7802E-07	8.6829E-08	3.46E-04	3.01E-11	0.25	1.57E-01	1.18E-12	1,000,000	1.18E-06
106	0.08804	9.7802E-07	8.6105E-08	3.46E-04	2.98E-11	0.25	1.57E-01	1.17E-12	1,000,000	1.17E-06
107	0.08772	9.7802E-07	8.5792E-08	3.46E-04	2.97E-11	0.25	1.57E-01	1.17E-12	1,000,000	1.17E-06
108	0.08737	9.7802E-07	8.545E-08	3.46E-04	2.96E-11	0.25	1.57E-01	1.16E-12	1,000,000	1.16E-06
109	0.08697	9.7802E-07	8.5059E-08	3.46E-04	2.94E-11	0.25	1.57E-01	1.16E-12	1,000,000	1.16E-06
110	0.08652	9.7802E-07	8.4619E-08	3.46E-04	2.93E-11	0.25	1.57E-01	1.15E-12	1,000,000	1.15E-06
111	0.08608	9.7802E-07	8.4188E-08	3.46E-04	2.91E-11	0.25	1.57E-01	1.14E-12	1,000,000	1.14E-06
112	0.08998	9.7802E-07	8.8003E-08	3.46E-04	3.05E-11	0.25	1.57E-01	1.20E-12	1,000,000	1.20E-06
113	0.09034	9.7802E-07	8.8355E-08	3.46E-04	3.06E-11	0.25	1.57E-01	1.20E-12	1,000,000	1.20E-06
114	0.0907	9.7802E-07	8.8707E-08	3.46E-04	3.07E-11	0.25	1.57E-01	1.21E-12	1,000,000	1.21E-06
115	0.09094	9.7802E-07	8.8941E-08	3.46E-04	3.08E-11	0.25	1.57E-01	1.21E-12	1,000,000	1.21E-06
116	0.09107	9.7802E-07	8.9069E-08	3.46E-04	3.08E-11	0.25	1.57E-01	1.21E-12	1,000,000	1.21E-06
117	0.09118	9.7802E-07	8.9176E-08	3.46E-04	3.09E-11	0.25	1.57E-01	1.21E-12	1,000,000	1.21E-06
118	0.09119	9.7802E-07	8.9186E-08	3.46E-04	3.09E-11	0.25	1.57E-01	1.21E-12	1,000,000	1.21E-06
119	0.09108	9.7802E-07	8.9078E-08	3.46E-04	3.08E-11	0.25	1.57E-01	1.21E-12	1,000,000	1.21E-06
120	0.09047	9.7802E-07	8.8482E-08	3.46E-04	3.06E-11	0.25	1.57E-01	1.20E-12	1,000,000	1.20E-06
121	0.09022	9.7802E-07	8.8237E-08	3.46E-04	3.05E-11	0.25	1.57E-01	1.20E-12	1,000,000	1.20E-06
122	0.08986	9.7802E-07	8.7885E-08	3.46E-04	3.04E-11	0.25	1.57E-01	1.20E-12	1,000,000	1.20E-06
123	0.08949	9.7802E-07	8.7523E-08	3.46E-04	3.03E-11	0.25	1.57E-01	1.19E-12	1,000,000	1.19E-06
124	0.08906	9.7802E-07	8.7103E-08	3.46E-04	3.02E-11	0.25	1.57E-01	1.18E-12	1,000,000	1.18E-06
125	0.08862	9.7802E-07	8.6672E-08	3.46E-04	3.00E-11	0.25	1.57E-01	1.18E-12	1,000,000	1.18E-06
126	0.09218	9.7802E-07	9.0154E-08	3.46E-04	3.12E-11	0.25	1.57E-01	1.23E-12	1,000,000	1.23E-06
127	0.09259	9.7802E-07	9.0555E-08	3.46E-04	3.13E-11	0.25	1.57E-01	1.23E-12	1,000,000	1.23E-06
128	0.09294	9.7802E-07	9.0897E-08	3.46E-04	3.15E-11	0.25	1.57E-01	1.24E-12	1,000,000	1.24E-06
129	0.09328	9.7802E-07	9.123E-08	3.46E-04	3.16E-11	0.25	1.57E-01	1.24E-12	1,000,000	1.24E-06
130	0.09346	9.7802E-07	9.1406E-08	3.46E-04	3.16E-11	0.25	1.57E-01	1.24E-12	1,000,000	1.24E-06
131	0.09358	9.7802E-07	9.1523E-08	3.46E-04	3.17E-11	0.25	1.57E-01	1.24E-12	1,000,000	1.24E-06
132	0.09367	9.7802E-07	9.1611E-08	3.46E-04	3.17E-11	0.25	1.57E-01	1.25E-12	1,000,000	1.25E-06

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 5

		Cancer Risk from 3rd Trimester								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
133	0.09359	9.7802E-07	9.1533E-08	3.46E-04	3.17E-11	0.25	1.57E-01	1.24E-12	1,000,000	1.24E-06
134	0.09289	9.7802E-07	9.0849E-08	3.46E-04	3.14E-11	0.25	1.57E-01	1.24E-12	1,000,000	1.24E-06
135	0.09252	9.7802E-07	9.0487E-08	3.46E-04	3.13E-11	0.25	1.57E-01	1.23E-12	1,000,000	1.23E-06
136	0.09212	9.7802E-07	9.0095E-08	3.46E-04	3.12E-11	0.25	1.57E-01	1.23E-12	1,000,000	1.23E-06
137	0.09171	9.7802E-07	8.9695E-08	3.46E-04	3.10E-11	0.25	1.57E-01	1.22E-12	1,000,000	1.22E-06
138	0.0913	9.7802E-07	8.9294E-08	3.46E-04	3.09E-11	0.25	1.57E-01	1.21E-12	1,000,000	1.21E-06
139	0.09491	9.7802E-07	9.2824E-08	3.46E-04	3.21E-11	0.25	1.57E-01	1.26E-12	1,000,000	1.26E-06
140	0.09529	9.7802E-07	9.3196E-08	3.46E-04	3.23E-11	0.25	1.57E-01	1.27E-12	1,000,000	1.27E-06
141	0.09566	9.7802E-07	9.3558E-08	3.46E-04	3.24E-11	0.25	1.57E-01	1.27E-12	1,000,000	1.27E-06
142	0.09593	9.7802E-07	9.3822E-08	3.46E-04	3.25E-11	0.25	1.57E-01	1.28E-12	1,000,000	1.28E-06
143	0.09607	9.7802E-07	9.3959E-08	3.46E-04	3.25E-11	0.25	1.57E-01	1.28E-12	1,000,000	1.28E-06
144	0.09619	9.7802E-07	9.4076E-08	3.46E-04	3.26E-11	0.25	1.57E-01	1.28E-12	1,000,000	1.28E-06
145	0.09621	9.7802E-07	9.4096E-08	3.46E-04	3.26E-11	0.25	1.57E-01	1.28E-12	1,000,000	1.28E-06
146	0.09611	9.7802E-07	9.3998E-08	3.46E-04	3.25E-11	0.25	1.57E-01	1.28E-12	1,000,000	1.28E-06
147	0.0956	9.7802E-07	9.3499E-08	3.46E-04	3.24E-11	0.25	1.57E-01	1.27E-12	1,000,000	1.27E-06
148	0.09527	9.7802E-07	9.3176E-08	3.46E-04	3.23E-11	0.25	1.57E-01	1.27E-12	1,000,000	1.27E-06
149	0.09489	9.7802E-07	9.2805E-08	3.46E-04	3.21E-11	0.25	1.57E-01	1.26E-12	1,000,000	1.26E-06
150	0.09449	9.7802E-07	9.2413E-08	3.46E-04	3.20E-11	0.25	1.57E-01	1.26E-12	1,000,000	1.26E-06
151	0.09407	9.7802E-07	9.2003E-08	3.46E-04	3.18E-11	0.25	1.57E-01	1.25E-12	1,000,000	1.25E-06
152	0.09727	9.7802E-07	9.5132E-08	3.46E-04	3.29E-11	0.25	1.57E-01	1.29E-12	1,000,000	1.29E-06
153	0.09773	9.7802E-07	9.5582E-08	3.46E-04	3.31E-11	0.25	1.57E-01	1.30E-12	1,000,000	1.30E-06
154	0.09812	9.7802E-07	9.5964E-08	3.46E-04	3.32E-11	0.25	1.57E-01	1.31E-12	1,000,000	1.31E-06
155	0.09848	9.7802E-07	9.6316E-08	3.46E-04	3.33E-11	0.25	1.57E-01	1.31E-12	1,000,000	1.31E-06
156	0.09869	9.7802E-07	9.6521E-08	3.46E-04	3.34E-11	0.25	1.57E-01	1.31E-12	1,000,000	1.31E-06
157	0.09882	9.7802E-07	9.6648E-08	3.46E-04	3.35E-11	0.25	1.57E-01	1.31E-12	1,000,000	1.31E-06
158	0.09889	9.7802E-07	9.6717E-08	3.46E-04	3.35E-11	0.25	1.57E-01	1.32E-12	1,000,000	1.32E-06
159	0.09889	9.7802E-07	9.6717E-08	3.46E-04	3.35E-11	0.25	1.57E-01	1.32E-12	1,000,000	1.32E-06
160	0.09883	9.7802E-07	9.6658E-08	3.46E-04	3.35E-11	0.25	1.57E-01	1.31E-12	1,000,000	1.31E-06
161	0.09867	9.7802E-07	9.6502E-08	3.46E-04	3.34E-11	0.25	1.57E-01	1.31E-12	1,000,000	1.31E-06
162	0.09847	9.7802E-07	9.6306E-08	3.46E-04	3.33E-11	0.25	1.57E-01	1.31E-12	1,000,000	1.31E-06
163	0.09819	9.7802E-07	9.6032E-08	3.46E-04	3.32E-11	0.25	1.57E-01	1.31E-12	1,000,000	1.31E-06
164	0.09783	9.7802E-07	9.568E-08	3.46E-04	3.31E-11	0.25	1.57E-01	1.30E-12	1,000,000	1.30E-06
165	0.09738	9.7802E-07	9.524E-08	3.46E-04	3.30E-11	0.25	1.57E-01	1.30E-12	1,000,000	1.30E-06

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 5

		Cancer Risk from 3rd Trimester								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
166	0.09695	9.7802E-07	9.4819E-08	3.46E-04	3.28E-11	0.25	1.57E-01	1.29E-12	1,000,000	1.29E-06
167	0.10025	9.7802E-07	9.8047E-08	3.46E-04	3.39E-11	0.25	1.57E-01	1.33E-12	1,000,000	1.33E-06
168	0.10069	9.7802E-07	9.8477E-08	3.46E-04	3.41E-11	0.25	1.57E-01	1.34E-12	1,000,000	1.34E-06
169	0.10108	9.7802E-07	9.8859E-08	3.46E-04	3.42E-11	0.25	1.57E-01	1.34E-12	1,000,000	1.34E-06
170	0.10141	9.7802E-07	9.9181E-08	3.46E-04	3.43E-11	0.25	1.57E-01	1.35E-12	1,000,000	1.35E-06
171	0.10159	9.7802E-07	9.9357E-08	3.46E-04	3.44E-11	0.25	1.57E-01	1.35E-12	1,000,000	1.35E-06
172	0.10173	9.7802E-07	9.9494E-08	3.46E-04	3.44E-11	0.25	1.57E-01	1.35E-12	1,000,000	1.35E-06
173	0.10182	9.7802E-07	9.9582E-08	3.46E-04	3.45E-11	0.25	1.57E-01	1.35E-12	1,000,000	1.35E-06
174	0.10183	9.7802E-07	9.9592E-08	3.46E-04	3.45E-11	0.25	1.57E-01	1.35E-12	1,000,000	1.35E-06
175	0.10169	9.7802E-07	9.9455E-08	3.46E-04	3.44E-11	0.25	1.57E-01	1.35E-12	1,000,000	1.35E-06
176	0.1015	9.7802E-07	9.9269E-08	3.46E-04	3.44E-11	0.25	1.57E-01	1.35E-12	1,000,000	1.35E-06
177	0.10122	9.7802E-07	9.8996E-08	3.46E-04	3.43E-11	0.25	1.57E-01	1.35E-12	1,000,000	1.35E-06
178	0.10086	9.7802E-07	9.8643E-08	3.46E-04	3.41E-11	0.25	1.57E-01	1.34E-12	1,000,000	1.34E-06
179	0.10041	9.7802E-07	9.8203E-08	3.46E-04	3.40E-11	0.25	1.57E-01	1.34E-12	1,000,000	1.34E-06
180	0.09998	9.7802E-07	9.7783E-08	3.46E-04	3.38E-11	0.25	1.57E-01	1.33E-12	1,000,000	1.33E-06
181	0.10273	9.7802E-07	1.0047E-07	3.46E-04	3.48E-11	0.25	1.57E-01	1.37E-12	1,000,000	1.37E-06
182	0.10334	9.7802E-07	1.0107E-07	3.46E-04	3.50E-11	0.25	1.57E-01	1.37E-12	1,000,000	1.37E-06
183	0.10378	9.7802E-07	1.015E-07	3.46E-04	3.51E-11	0.25	1.57E-01	1.38E-12	1,000,000	1.38E-06
184	0.10418	9.7802E-07	1.0189E-07	3.46E-04	3.53E-11	0.25	1.57E-01	1.39E-12	1,000,000	1.39E-06
185	0.10447	9.7802E-07	1.0217E-07	3.46E-04	3.54E-11	0.25	1.57E-01	1.39E-12	1,000,000	1.39E-06
186	0.10466	9.7802E-07	1.0236E-07	3.46E-04	3.54E-11	0.25	1.57E-01	1.39E-12	1,000,000	1.39E-06
187	0.10479	9.7802E-07	1.0249E-07	3.46E-04	3.55E-11	0.25	1.57E-01	1.39E-12	1,000,000	1.39E-06
188	0.10482	9.7802E-07	1.0252E-07	3.46E-04	3.55E-11	0.25	1.57E-01	1.39E-12	1,000,000	1.39E-06
189	0.10474	9.7802E-07	1.0244E-07	3.46E-04	3.55E-11	0.25	1.57E-01	1.39E-12	1,000,000	1.39E-06
190	0.10457	9.7802E-07	1.0227E-07	3.46E-04	3.54E-11	0.25	1.57E-01	1.39E-12	1,000,000	1.39E-06
191	0.10432	9.7802E-07	1.0203E-07	3.46E-04	3.53E-11	0.25	1.57E-01	1.39E-12	1,000,000	1.39E-06
192	0.104	9.7802E-07	1.0171E-07	3.46E-04	3.52E-11	0.25	1.57E-01	1.38E-12	1,000,000	1.38E-06
193	0.10359	9.7802E-07	1.0131E-07	3.46E-04	3.51E-11	0.25	1.57E-01	1.38E-12	1,000,000	1.38E-06
194	0.10319	9.7802E-07	1.0092E-07	3.46E-04	3.49E-11	0.25	1.57E-01	1.37E-12	1,000,000	1.37E-06
195	0.1061	9.7802E-07	1.0377E-07	3.46E-04	3.59E-11	0.25	1.57E-01	1.41E-12	1,000,000	1.41E-06
196	0.10659	9.7802E-07	1.0425E-07	3.46E-04	3.61E-11	0.25	1.57E-01	1.42E-12	1,000,000	1.42E-06
197	0.10703	9.7802E-07	1.0468E-07	3.46E-04	3.62E-11	0.25	1.57E-01	1.42E-12	1,000,000	1.42E-06
198	0.10746	9.7802E-07	1.051E-07	3.46E-04	3.64E-11	0.25	1.57E-01	1.43E-12	1,000,000	1.43E-06

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 5

		Cancer Risk from 3rd Trimester								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
199	0.10774	9.7802E-07	1.0537E-07	3.46E-04	3.65E-11	0.25	1.57E-01	1.43E-12	1,000,000	1.43E-06
200	0.10792	9.7802E-07	1.0555E-07	3.46E-04	3.65E-11	0.25	1.57E-01	1.44E-12	1,000,000	1.44E-06
201	0.10799	9.7802E-07	1.0562E-07	3.46E-04	3.66E-11	0.25	1.57E-01	1.44E-12	1,000,000	1.44E-06
202	0.10796	9.7802E-07	1.0559E-07	3.46E-04	3.66E-11	0.25	1.57E-01	1.44E-12	1,000,000	1.44E-06
203	0.10784	9.7802E-07	1.0547E-07	3.46E-04	3.65E-11	0.25	1.57E-01	1.43E-12	1,000,000	1.43E-06
204	0.10764	9.7802E-07	1.0527E-07	3.46E-04	3.64E-11	0.25	1.57E-01	1.43E-12	1,000,000	1.43E-06
205	0.10736	9.7802E-07	1.05E-07	3.46E-04	3.63E-11	0.25	1.57E-01	1.43E-12	1,000,000	1.43E-06
206	0.10697	9.7802E-07	1.0462E-07	3.46E-04	3.62E-11	0.25	1.57E-01	1.42E-12	1,000,000	1.42E-06
207	0.10656	9.7802E-07	1.0422E-07	3.46E-04	3.61E-11	0.25	1.57E-01	1.42E-12	1,000,000	1.42E-06
208	0.10953	9.7802E-07	1.0712E-07	3.46E-04	3.71E-11	0.25	1.57E-01	1.46E-12	1,000,000	1.46E-06
209	0.11003	9.7802E-07	1.0761E-07	3.46E-04	3.73E-11	0.25	1.57E-01	1.46E-12	1,000,000	1.46E-06
210	0.11049	9.7802E-07	1.0806E-07	3.46E-04	3.74E-11	0.25	1.57E-01	1.47E-12	1,000,000	1.47E-06
211	0.11088	9.7802E-07	1.0844E-07	3.46E-04	3.75E-11	0.25	1.57E-01	1.47E-12	1,000,000	1.47E-06
212	0.11114	9.7802E-07	1.087E-07	3.46E-04	3.76E-11	0.25	1.57E-01	1.48E-12	1,000,000	1.48E-06
213	0.11129	9.7802E-07	1.0884E-07	3.46E-04	3.77E-11	0.25	1.57E-01	1.48E-12	1,000,000	1.48E-06
214	0.11134	9.7802E-07	1.0889E-07	3.46E-04	3.77E-11	0.25	1.57E-01	1.48E-12	1,000,000	1.48E-06
215	0.11131	9.7802E-07	1.0886E-07	3.46E-04	3.77E-11	0.25	1.57E-01	1.48E-12	1,000,000	1.48E-06
216	0.11115	9.7802E-07	1.0871E-07	3.46E-04	3.76E-11	0.25	1.57E-01	1.48E-12	1,000,000	1.48E-06
217	0.11089	9.7802E-07	1.0845E-07	3.46E-04	3.75E-11	0.25	1.57E-01	1.47E-12	1,000,000	1.47E-06
218	0.11052	9.7802E-07	1.0809E-07	3.46E-04	3.74E-11	0.25	1.57E-01	1.47E-12	1,000,000	1.47E-06
219	0.1101	9.7802E-07	1.0768E-07	3.46E-04	3.73E-11	0.25	1.57E-01	1.46E-12	1,000,000	1.46E-06
220	0.11444	9.7802E-07	1.1192E-07	3.46E-04	3.87E-11	0.25	1.57E-01	1.52E-12	1,000,000	1.52E-06
221	0.11467	9.7802E-07	1.1215E-07	3.46E-04	3.88E-11	0.25	1.57E-01	1.53E-12	1,000,000	1.53E-06
222	0.11479	9.7802E-07	1.1227E-07	3.46E-04	3.89E-11	0.25	1.57E-01	1.53E-12	1,000,000	1.53E-06
223	0.11481	9.7802E-07	1.1229E-07	3.46E-04	3.89E-11	0.25	1.57E-01	1.53E-12	1,000,000	1.53E-06
224	0.11472	9.7802E-07	1.122E-07	3.46E-04	3.88E-11	0.25	1.57E-01	1.53E-12	1,000,000	1.53E-06
225	0.11451	9.7802E-07	1.1199E-07	3.46E-04	3.88E-11	0.25	1.57E-01	1.52E-12	1,000,000	1.52E-06
226	0.11421	9.7802E-07	1.117E-07	3.46E-04	3.87E-11	0.25	1.57E-01	1.52E-12	1,000,000	1.52E-06
227	0.11385	9.7802E-07	1.1135E-07	3.46E-04	3.85E-11	0.25	1.57E-01	1.51E-12	1,000,000	1.51E-06
228	0.11827	9.7802E-07	1.1567E-07	3.46E-04	4.00E-11	0.25	1.57E-01	1.57E-12	1,000,000	1.57E-06
229	0.11848	9.7802E-07	1.1588E-07	3.46E-04	4.01E-11	0.25	1.57E-01	1.58E-12	1,000,000	1.58E-06
230	0.11856	9.7802E-07	1.1595E-07	3.46E-04	4.01E-11	0.25	1.57E-01	1.58E-12	1,000,000	1.58E-06
231	0.11855	9.7802E-07	1.1594E-07	3.46E-04	4.01E-11	0.25	1.57E-01	1.58E-12	1,000,000	1.58E-06

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 5

		Cancer Risk from 3rd Trimester								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
232	0.11839	9.7802E-07	1.1579E-07	3.46E-04	4.01E-11	0.25	1.57E-01	1.57E-12	1,000,000	1.57E-06
233	0.11814	9.7802E-07	1.1554E-07	3.46E-04	4.00E-11	0.25	1.57E-01	1.57E-12	1,000,000	1.57E-06
234	0.11782	9.7802E-07	1.1523E-07	3.46E-04	3.99E-11	0.25	1.57E-01	1.57E-12	1,000,000	1.57E-06
235	0.10924	9.7802E-07	1.0684E-07	3.46E-04	3.70E-11	0.25	1.57E-01	1.45E-12	1,000,000	1.45E-06
236	0.1129	9.7802E-07	1.1042E-07	3.46E-04	3.82E-11	0.25	1.57E-01	1.50E-12	1,000,000	1.50E-06
237	0.11342	9.7802E-07	1.1093E-07	3.46E-04	3.84E-11	0.25	1.57E-01	1.51E-12	1,000,000	1.51E-06
238	0.1139	9.7802E-07	1.114E-07	3.46E-04	3.86E-11	0.25	1.57E-01	1.51E-12	1,000,000	1.51E-06
239	0.11676	9.7802E-07	1.1419E-07	3.46E-04	3.95E-11	0.25	1.57E-01	1.55E-12	1,000,000	1.55E-06
240	0.11734	9.7802E-07	1.1476E-07	3.46E-04	3.97E-11	0.25	1.57E-01	1.56E-12	1,000,000	1.56E-06
241	0.11777	9.7802E-07	1.1518E-07	3.46E-04	3.99E-11	0.25	1.57E-01	1.57E-12	1,000,000	1.57E-06
242	0.11814	9.7802E-07	1.1554E-07	3.46E-04	4.00E-11	0.25	1.57E-01	1.57E-12	1,000,000	1.57E-06

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 5

		Cancer Risk from 3rd Trimester								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
243	0.23923	9.7802E-07	2.3397E-07	3.46E-04	8.10E-11	0.25	1.57E-01	3.18E-12	1,000,000	3.18E-06
244	0.24764	9.7802E-07	2.422E-07	3.46E-04	8.38E-11	0.25	1.57E-01	3.29E-12	1,000,000	3.29E-06
245	0.25599	9.7802E-07	2.5036E-07	3.46E-04	8.67E-11	0.25	1.57E-01	3.40E-12	1,000,000	3.40E-06
246	0.26416	9.7802E-07	2.5835E-07	3.46E-04	8.94E-11	0.25	1.57E-01	3.51E-12	1,000,000	3.51E-06
247	0.27224	9.7802E-07	2.6626E-07	3.46E-04	9.22E-11	0.25	1.57E-01	3.62E-12	1,000,000	3.62E-06
248	0.28009	9.7802E-07	2.7393E-07	3.46E-04	9.48E-11	0.25	1.57E-01	3.73E-12	1,000,000	3.73E-06
249	0.2877	9.7802E-07	2.8138E-07	3.46E-04	9.74E-11	0.25	1.57E-01	3.83E-12	1,000,000	3.83E-06
250	0.29494	9.7802E-07	2.8846E-07	3.46E-04	9.99E-11	0.25	1.57E-01	3.92E-12	1,000,000	3.92E-06
251	0.3017	9.7802E-07	2.9507E-07	3.46E-04	1.02E-10	0.25	1.57E-01	4.01E-12	1,000,000	4.01E-06
252	0.22884	9.7802E-07	2.2381E-07	3.46E-04	7.75E-11	0.25	1.57E-01	3.04E-12	1,000,000	3.04E-06
253	0.2375	9.7802E-07	2.3228E-07	3.46E-04	8.04E-11	0.25	1.57E-01	3.16E-12	1,000,000	3.16E-06
254	0.2464	9.7802E-07	2.4098E-07	3.46E-04	8.34E-11	0.25	1.57E-01	3.28E-12	1,000,000	3.28E-06
255	0.25548	9.7802E-07	2.4987E-07	3.46E-04	8.65E-11	0.25	1.57E-01	3.40E-12	1,000,000	3.40E-06
256	0.26461	9.7802E-07	2.5879E-07	3.46E-04	8.96E-11	0.25	1.57E-01	3.52E-12	1,000,000	3.52E-06
257	0.27387	9.7802E-07	2.6785E-07	3.46E-04	9.27E-11	0.25	1.57E-01	3.64E-12	1,000,000	3.64E-06
258	0.28296	9.7802E-07	2.7674E-07	3.46E-04	9.58E-11	0.25	1.57E-01	3.76E-12	1,000,000	3.76E-06
259	0.29201	9.7802E-07	2.8559E-07	3.46E-04	9.89E-11	0.25	1.57E-01	3.88E-12	1,000,000	3.88E-06
260	0.30076	9.7802E-07	2.9415E-07	3.46E-04	1.02E-10	0.25	1.57E-01	4.00E-12	1,000,000	4.00E-06
261	0.30912	9.7802E-07	3.0233E-07	3.46E-04	1.05E-10	0.25	1.57E-01	4.11E-12	1,000,000	4.11E-06
262	0.31687	9.7802E-07	3.0991E-07	3.46E-04	1.07E-10	0.25	1.57E-01	4.21E-12	1,000,000	4.21E-06
263	0.23439	9.7802E-07	2.2924E-07	3.46E-04	7.94E-11	0.25	1.57E-01	3.12E-12	1,000,000	3.12E-06
264	0.24391	9.7802E-07	2.3855E-07	3.46E-04	8.26E-11	0.25	1.57E-01	3.24E-12	1,000,000	3.24E-06
265	0.25357	9.7802E-07	2.48E-07	3.46E-04	8.58E-11	0.25	1.57E-01	3.37E-12	1,000,000	3.37E-06
266	0.26356	9.7802E-07	2.5777E-07	3.46E-04	8.92E-11	0.25	1.57E-01	3.51E-12	1,000,000	3.51E-06
267	0.27366	9.7802E-07	2.6765E-07	3.46E-04	9.26E-11	0.25	1.57E-01	3.64E-12	1,000,000	3.64E-06
268	0.28398	9.7802E-07	2.7774E-07	3.46E-04	9.61E-11	0.25	1.57E-01	3.78E-12	1,000,000	3.78E-06
269	0.29415	9.7802E-07	2.8769E-07	3.46E-04	9.96E-11	0.25	1.57E-01	3.91E-12	1,000,000	3.91E-06
270	0.30434	9.7802E-07	2.9765E-07	3.46E-04	1.03E-10	0.25	1.57E-01	4.05E-12	1,000,000	4.05E-06
271	0.31422	9.7802E-07	3.0731E-07	3.46E-04	1.06E-10	0.25	1.57E-01	4.18E-12	1,000,000	4.18E-06
272	0.32379	9.7802E-07	3.1667E-07	3.46E-04	1.10E-10	0.25	1.57E-01	4.31E-12	1,000,000	4.31E-06
273	0.33287	9.7802E-07	3.2555E-07	3.46E-04	1.13E-10	0.25	1.57E-01	4.43E-12	1,000,000	4.43E-06
274	0.34196	9.7802E-07	3.3444E-07	3.46E-04	1.16E-10	0.25	1.57E-01	4.55E-12	1,000,000	4.55E-06
275	0.24007	9.7802E-07	2.3479E-07	3.46E-04	8.13E-11	0.25	1.57E-01	3.19E-12	1,000,000	3.19E-06

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 5

		Cancer Risk from 3rd Trimester								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
276	0.25023	9.7802E-07	2.4473E-07	3.46E-04	8.47E-11	0.25	1.57E-01	3.33E-12	1,000,000	3.33E-06
277	0.26079	9.7802E-07	2.5506E-07	3.46E-04	8.83E-11	0.25	1.57E-01	3.47E-12	1,000,000	3.47E-06
278	0.2717	9.7802E-07	2.6573E-07	3.46E-04	9.20E-11	0.25	1.57E-01	3.61E-12	1,000,000	3.61E-06
279	0.28287	9.7802E-07	2.7665E-07	3.46E-04	9.58E-11	0.25	1.57E-01	3.76E-12	1,000,000	3.76E-06
280	0.29424	9.7802E-07	2.8777E-07	3.46E-04	9.96E-11	0.25	1.57E-01	3.91E-12	1,000,000	3.91E-06
281	0.30578	9.7802E-07	2.9906E-07	3.46E-04	1.04E-10	0.25	1.57E-01	4.07E-12	1,000,000	4.07E-06
282	0.31716	9.7802E-07	3.1019E-07	3.46E-04	1.07E-10	0.25	1.57E-01	4.22E-12	1,000,000	4.22E-06
283	0.32837	9.7802E-07	3.2115E-07	3.46E-04	1.11E-10	0.25	1.57E-01	4.37E-12	1,000,000	4.37E-06
284	0.33937	9.7802E-07	3.3191E-07	3.46E-04	1.15E-10	0.25	1.57E-01	4.51E-12	1,000,000	4.51E-06
285	0.35004	9.7802E-07	3.4235E-07	3.46E-04	1.19E-10	0.25	1.57E-01	4.66E-12	1,000,000	4.66E-06
286	0.36024	9.7802E-07	3.5232E-07	3.46E-04	1.22E-10	0.25	1.57E-01	4.79E-12	1,000,000	4.79E-06
287	0.2457	9.7802E-07	2.403E-07	3.46E-04	8.32E-11	0.25	1.57E-01	3.27E-12	1,000,000	3.27E-06
288	0.25666	9.7802E-07	2.5102E-07	3.46E-04	8.69E-11	0.25	1.57E-01	3.41E-12	1,000,000	3.41E-06
289	0.26815	9.7802E-07	2.6226E-07	3.46E-04	9.08E-11	0.25	1.57E-01	3.57E-12	1,000,000	3.57E-06
290	0.28001	9.7802E-07	2.7386E-07	3.46E-04	9.48E-11	0.25	1.57E-01	3.72E-12	1,000,000	3.72E-06
291	0.29228	9.7802E-07	2.8586E-07	3.46E-04	9.90E-11	0.25	1.57E-01	3.89E-12	1,000,000	3.89E-06
292	0.30473	9.7802E-07	2.9803E-07	3.46E-04	1.03E-10	0.25	1.57E-01	4.05E-12	1,000,000	4.05E-06
293	0.31749	9.7802E-07	3.1051E-07	3.46E-04	1.07E-10	0.25	1.57E-01	4.22E-12	1,000,000	4.22E-06
294	0.33022	9.7802E-07	3.2296E-07	3.46E-04	1.12E-10	0.25	1.57E-01	4.39E-12	1,000,000	4.39E-06
295	0.34287	9.7802E-07	3.3533E-07	3.46E-04	1.16E-10	0.25	1.57E-01	4.56E-12	1,000,000	4.56E-06
296	0.35542	9.7802E-07	3.4761E-07	3.46E-04	1.20E-10	0.25	1.57E-01	4.73E-12	1,000,000	4.73E-06
297	0.36777	9.7802E-07	3.5969E-07	3.46E-04	1.25E-10	0.25	1.57E-01	4.89E-12	1,000,000	4.89E-06
298	0.37959	9.7802E-07	3.7125E-07	3.46E-04	1.29E-10	0.25	1.57E-01	5.05E-12	1,000,000	5.05E-06
299	0.25134	9.7802E-07	2.4582E-07	3.46E-04	8.51E-11	0.25	1.57E-01	3.34E-12	1,000,000	3.34E-06
300	0.26304	9.7802E-07	2.5726E-07	3.46E-04	8.91E-11	0.25	1.57E-01	3.50E-12	1,000,000	3.50E-06
301	0.27542	9.7802E-07	2.6937E-07	3.46E-04	9.32E-11	0.25	1.57E-01	3.66E-12	1,000,000	3.66E-06
302	0.28832	9.7802E-07	2.8198E-07	3.46E-04	9.76E-11	0.25	1.57E-01	3.83E-12	1,000,000	3.83E-06
303	0.3016	9.7802E-07	2.9497E-07	3.46E-04	1.02E-10	0.25	1.57E-01	4.01E-12	1,000,000	4.01E-06
304	0.3155	9.7802E-07	3.0857E-07	3.46E-04	1.07E-10	0.25	1.57E-01	4.20E-12	1,000,000	4.20E-06
305	0.32948	9.7802E-07	3.2224E-07	3.46E-04	1.12E-10	0.25	1.57E-01	4.38E-12	1,000,000	4.38E-06
306	0.34375	9.7802E-07	3.362E-07	3.46E-04	1.16E-10	0.25	1.57E-01	4.57E-12	1,000,000	4.57E-06
307	0.35806	9.7802E-07	3.5019E-07	3.46E-04	1.21E-10	0.25	1.57E-01	4.76E-12	1,000,000	4.76E-06
308	0.37242	9.7802E-07	3.6424E-07	3.46E-04	1.26E-10	0.25	1.57E-01	4.95E-12	1,000,000	4.95E-06

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 5

		Cancer Risk from 3rd Trimester								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
309	0.38667	9.7802E-07	3.7817E-07	3.46E-04	1.31E-10	0.25	1.57E-01	5.14E-12	1,000,000	5.14E-06
310	0.40022	9.7802E-07	3.9142E-07	3.46E-04	1.35E-10	0.25	1.57E-01	5.32E-12	1,000,000	5.32E-06
311	0.25692	9.7802E-07	2.5127E-07	3.46E-04	8.70E-11	0.25	1.57E-01	3.42E-12	1,000,000	3.42E-06
312	0.26935	9.7802E-07	2.6343E-07	3.46E-04	9.12E-11	0.25	1.57E-01	3.58E-12	1,000,000	3.58E-06
313	0.28254	9.7802E-07	2.7633E-07	3.46E-04	9.57E-11	0.25	1.57E-01	3.76E-12	1,000,000	3.76E-06
314	0.29646	9.7802E-07	2.8994E-07	3.46E-04	1.00E-10	0.25	1.57E-01	3.94E-12	1,000,000	3.94E-06
315	0.31114	9.7802E-07	3.043E-07	3.46E-04	1.05E-10	0.25	1.57E-01	4.14E-12	1,000,000	4.14E-06
316	0.3264	9.7802E-07	3.1923E-07	3.46E-04	1.11E-10	0.25	1.57E-01	4.34E-12	1,000,000	4.34E-06
317	0.34191	9.7802E-07	3.344E-07	3.46E-04	1.16E-10	0.25	1.57E-01	4.55E-12	1,000,000	4.55E-06
318	0.3579	9.7802E-07	3.5003E-07	3.46E-04	1.21E-10	0.25	1.57E-01	4.76E-12	1,000,000	4.76E-06
319	0.37399	9.7802E-07	3.6577E-07	3.46E-04	1.27E-10	0.25	1.57E-01	4.97E-12	1,000,000	4.97E-06
320	0.39033	9.7802E-07	3.8175E-07	3.46E-04	1.32E-10	0.25	1.57E-01	5.19E-12	1,000,000	5.19E-06
321	0.40646	9.7802E-07	3.9753E-07	3.46E-04	1.38E-10	0.25	1.57E-01	5.41E-12	1,000,000	5.41E-06
322	0.42221	9.7802E-07	4.1293E-07	3.46E-04	1.43E-10	0.25	1.57E-01	5.62E-12	1,000,000	5.62E-06
323	0.26252	9.7802E-07	2.5675E-07	3.46E-04	8.89E-11	0.25	1.57E-01	3.49E-12	1,000,000	3.49E-06
324	0.27579	9.7802E-07	2.6973E-07	3.46E-04	9.34E-11	0.25	1.57E-01	3.67E-12	1,000,000	3.67E-06
325	0.28992	9.7802E-07	2.8355E-07	3.46E-04	9.82E-11	0.25	1.57E-01	3.86E-12	1,000,000	3.86E-06
326	0.30519	9.7802E-07	2.9848E-07	3.46E-04	1.03E-10	0.25	1.57E-01	4.06E-12	1,000,000	4.06E-06
327	0.32067	9.7802E-07	3.1362E-07	3.46E-04	1.09E-10	0.25	1.57E-01	4.27E-12	1,000,000	4.27E-06
328	0.33724	9.7802E-07	3.2983E-07	3.46E-04	1.14E-10	0.25	1.57E-01	4.49E-12	1,000,000	4.49E-06
329	0.35396	9.7802E-07	3.4618E-07	3.46E-04	1.20E-10	0.25	1.57E-01	4.71E-12	1,000,000	4.71E-06
330	0.37215	9.7802E-07	3.6397E-07	3.46E-04	1.26E-10	0.25	1.57E-01	4.95E-12	1,000,000	4.95E-06
331	0.39043	9.7802E-07	3.8185E-07	3.46E-04	1.32E-10	0.25	1.57E-01	5.19E-12	1,000,000	5.19E-06
332	0.40887	9.7802E-07	3.9988E-07	3.46E-04	1.38E-10	0.25	1.57E-01	5.44E-12	1,000,000	5.44E-06
333	0.42736	9.7802E-07	4.1797E-07	3.46E-04	1.45E-10	0.25	1.57E-01	5.68E-12	1,000,000	5.68E-06
334	0.44602	9.7802E-07	4.3622E-07	3.46E-04	1.51E-10	0.25	1.57E-01	5.93E-12	1,000,000	5.93E-06
335	0.26816	9.7802E-07	2.6227E-07	3.46E-04	9.08E-11	0.25	1.57E-01	3.57E-12	1,000,000	3.57E-06
336	0.28224	9.7802E-07	2.7604E-07	3.46E-04	9.56E-11	0.25	1.57E-01	3.75E-12	1,000,000	3.75E-06
337	0.29732	9.7802E-07	2.9079E-07	3.46E-04	1.01E-10	0.25	1.57E-01	3.95E-12	1,000,000	3.95E-06
338	0.31363	9.7802E-07	3.0674E-07	3.46E-04	1.06E-10	0.25	1.57E-01	4.17E-12	1,000,000	4.17E-06
339	0.3304	9.7802E-07	3.2314E-07	3.46E-04	1.12E-10	0.25	1.57E-01	4.39E-12	1,000,000	4.39E-06
340	0.34843	9.7802E-07	3.4077E-07	3.46E-04	1.18E-10	0.25	1.57E-01	4.63E-12	1,000,000	4.63E-06
341	0.36689	9.7802E-07	3.5883E-07	3.46E-04	1.24E-10	0.25	1.57E-01	4.88E-12	1,000,000	4.88E-06

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 5

	Cancer Risk from Birth to 2 years								
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
1	9.7802E-07	7.6423E-08	1.05E-03	7.99E-11	2.00	1.57E-01	2.51E-11	1,000,000	2.5E-05
2	9.7802E-07	7.3792E-08	1.05E-03	7.71E-11	2.00	1.57E-01	2.42E-11	1,000,000	2.42E-05
3	9.7802E-07	7.4291E-08	1.05E-03	7.76E-11	2.00	1.57E-01	2.44E-11	1,000,000	2.44E-05
4	9.7802E-07	7.5327E-08	1.05E-03	7.87E-11	2.00	1.57E-01	2.47E-11	1,000,000	2.47E-05
5	9.7802E-07	7.6286E-08	1.05E-03	7.97E-11	2.00	1.57E-01	2.51E-11	1,000,000	2.51E-05
6	9.7802E-07	7.6873E-08	1.05E-03	8.03E-11	2.00	1.57E-01	2.53E-11	1,000,000	2.53E-05
7	9.7802E-07	7.7958E-08	1.05E-03	8.15E-11	2.00	1.57E-01	2.56E-11	1,000,000	2.56E-05
8	9.7802E-07	6.8716E-08	1.05E-03	7.18E-11	2.00	1.57E-01	2.26E-11	1,000,000	2.26E-05
9	9.7802E-07	6.8452E-08	1.05E-03	7.15E-11	2.00	1.57E-01	2.25E-11	1,000,000	2.25E-05
10	9.7802E-07	6.81E-08	1.05E-03	7.12E-11	2.00	1.57E-01	2.24E-11	1,000,000	2.24E-05
11	9.7802E-07	6.7728E-08	1.05E-03	7.08E-11	2.00	1.57E-01	2.22E-11	1,000,000	2.22E-05
12	9.7802E-07	6.7366E-08	1.05E-03	7.04E-11	2.00	1.57E-01	2.21E-11	1,000,000	2.21E-05
13	9.7802E-07	6.6985E-08	1.05E-03	7.00E-11	2.00	1.57E-01	2.20E-11	1,000,000	2.20E-05
14	9.7802E-07	6.6603E-08	1.05E-03	6.96E-11	2.00	1.57E-01	2.19E-11	1,000,000	2.19E-05
15	9.7802E-07	6.6202E-08	1.05E-03	6.92E-11	2.00	1.57E-01	2.17E-11	1,000,000	2.17E-05
16	9.7802E-07	7.0437E-08	1.05E-03	7.36E-11	2.00	1.57E-01	2.31E-11	1,000,000	2.31E-05
17	9.7802E-07	7.0163E-08	1.05E-03	7.33E-11	2.00	1.57E-01	2.30E-11	1,000,000	2.30E-05
18	9.7802E-07	6.9802E-08	1.05E-03	7.30E-11	2.00	1.57E-01	2.29E-11	1,000,000	2.29E-05
19	9.7802E-07	6.943E-08	1.05E-03	7.26E-11	2.00	1.57E-01	2.28E-11	1,000,000	2.28E-05
20	9.7802E-07	6.9068E-08	1.05E-03	7.22E-11	2.00	1.57E-01	2.27E-11	1,000,000	2.27E-05
21	9.7802E-07	6.8667E-08	1.05E-03	7.18E-11	2.00	1.57E-01	2.26E-11	1,000,000	2.26E-05
22	9.7802E-07	6.8266E-08	1.05E-03	7.14E-11	2.00	1.57E-01	2.24E-11	1,000,000	2.24E-05
23	9.7802E-07	6.7875E-08	1.05E-03	7.09E-11	2.00	1.57E-01	2.23E-11	1,000,000	2.23E-05
24	9.7802E-07	7.1582E-08	1.05E-03	7.48E-11	2.00	1.57E-01	2.35E-11	1,000,000	2.35E-05
25	9.7802E-07	7.121E-08	1.05E-03	7.44E-11	2.00	1.57E-01	2.34E-11	1,000,000	2.34E-05
26	9.7802E-07	7.0848E-08	1.05E-03	7.41E-11	2.00	1.57E-01	2.33E-11	1,000,000	2.33E-05
27	9.7802E-07	7.0447E-08	1.05E-03	7.36E-11	2.00	1.57E-01	2.31E-11	1,000,000	2.31E-05
28	9.7802E-07	7.0026E-08	1.05E-03	7.32E-11	2.00	1.57E-01	2.30E-11	1,000,000	2.30E-05
29	9.7802E-07	6.9625E-08	1.05E-03	7.28E-11	2.00	1.57E-01	2.29E-11	1,000,000	2.29E-05
30	9.7802E-07	7.343E-08	1.05E-03	7.67E-11	2.00	1.57E-01	2.41E-11	1,000,000	2.41E-05
31	9.7802E-07	7.3049E-08	1.05E-03	7.64E-11	2.00	1.57E-01	2.40E-11	1,000,000	2.40E-05
32	9.7802E-07	7.2696E-08	1.05E-03	7.60E-11	2.00	1.57E-01	2.39E-11	1,000,000	2.39E-05
33	9.7802E-07	7.2286E-08	1.05E-03	7.56E-11	2.00	1.57E-01	2.37E-11	1,000,000	2.37E-05

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 5

	Cancer Risk from Birth to 2 years								
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
34	9.7802E-07	7.1846E-08	1.05E-03	7.51E-11	2.00	1.57E-01	2.36E-11	1,000,000	2.36E-05
35	9.7802E-07	7.1445E-08	1.05E-03	7.47E-11	2.00	1.57E-01	2.35E-11	1,000,000	2.35E-05
36	9.7802E-07	7.5327E-08	1.05E-03	7.87E-11	2.00	1.57E-01	2.47E-11	1,000,000	2.47E-05
37	9.7802E-07	7.4956E-08	1.05E-03	7.83E-11	2.00	1.57E-01	2.46E-11	1,000,000	2.46E-05
38	9.7802E-07	7.4604E-08	1.05E-03	7.80E-11	2.00	1.57E-01	2.45E-11	1,000,000	2.45E-05
39	9.7802E-07	7.4183E-08	1.05E-03	7.75E-11	2.00	1.57E-01	2.44E-11	1,000,000	2.44E-05
40	9.7802E-07	7.3743E-08	1.05E-03	7.71E-11	2.00	1.57E-01	2.42E-11	1,000,000	2.42E-05
41	9.7802E-07	7.3332E-08	1.05E-03	7.66E-11	2.00	1.57E-01	2.41E-11	1,000,000	2.41E-05
42	9.7802E-07	7.8017E-08	1.05E-03	8.15E-11	2.00	1.57E-01	2.56E-11	1,000,000	2.56E-05
43	9.7802E-07	7.8203E-08	1.05E-03	8.17E-11	2.00	1.57E-01	2.57E-11	1,000,000	2.57E-05
44	9.7802E-07	7.8359E-08	1.05E-03	8.19E-11	2.00	1.57E-01	2.57E-11	1,000,000	2.57E-05
45	9.7802E-07	7.8467E-08	1.05E-03	8.20E-11	2.00	1.57E-01	2.58E-11	1,000,000	2.58E-05
46	9.7802E-07	7.8545E-08	1.05E-03	8.21E-11	2.00	1.57E-01	2.58E-11	1,000,000	2.58E-05
47	9.7802E-07	7.8604E-08	1.05E-03	8.22E-11	2.00	1.57E-01	2.58E-11	1,000,000	2.58E-05
48	9.7802E-07	7.8574E-08	1.05E-03	8.21E-11	2.00	1.57E-01	2.58E-11	1,000,000	2.58E-05
49	9.7802E-07	7.7313E-08	1.05E-03	8.08E-11	2.00	1.57E-01	2.54E-11	1,000,000	2.54E-05
50	9.7802E-07	7.6941E-08	1.05E-03	8.04E-11	2.00	1.57E-01	2.53E-11	1,000,000	2.53E-05
51	9.7802E-07	7.6579E-08	1.05E-03	8.00E-11	2.00	1.57E-01	2.52E-11	1,000,000	2.52E-05
52	9.7802E-07	7.6159E-08	1.05E-03	7.96E-11	2.00	1.57E-01	2.50E-11	1,000,000	2.50E-05
53	9.7802E-07	7.5719E-08	1.05E-03	7.91E-11	2.00	1.57E-01	2.49E-11	1,000,000	2.49E-05
54	9.7802E-07	7.5308E-08	1.05E-03	7.87E-11	2.00	1.57E-01	2.47E-11	1,000,000	2.47E-05
55	9.7802E-07	7.9347E-08	1.05E-03	8.29E-11	2.00	1.57E-01	2.61E-11	1,000,000	2.61E-05
56	9.7802E-07	7.9728E-08	1.05E-03	8.33E-11	2.00	1.57E-01	2.62E-11	1,000,000	2.62E-05
57	9.7802E-07	7.9973E-08	1.05E-03	8.36E-11	2.00	1.57E-01	2.63E-11	1,000,000	2.63E-05
58	9.7802E-07	8.0208E-08	1.05E-03	8.38E-11	2.00	1.57E-01	2.63E-11	1,000,000	2.63E-05
59	9.7802E-07	8.0354E-08	1.05E-03	8.40E-11	2.00	1.57E-01	2.64E-11	1,000,000	2.64E-05
60	9.7802E-07	8.0452E-08	1.05E-03	8.41E-11	2.00	1.57E-01	2.64E-11	1,000,000	2.64E-05
61	9.7802E-07	8.054E-08	1.05E-03	8.42E-11	2.00	1.57E-01	2.65E-11	1,000,000	2.65E-05
62	9.7802E-07	8.055E-08	1.05E-03	8.42E-11	2.00	1.57E-01	2.65E-11	1,000,000	2.65E-05
63	9.7802E-07	8.0462E-08	1.05E-03	8.41E-11	2.00	1.57E-01	2.64E-11	1,000,000	2.64E-05
64	9.7802E-07	7.9386E-08	1.05E-03	8.30E-11	2.00	1.57E-01	2.61E-11	1,000,000	2.61E-05
65	9.7802E-07	7.9005E-08	1.05E-03	8.26E-11	2.00	1.57E-01	2.60E-11	1,000,000	2.60E-05
66	9.7802E-07	7.8623E-08	1.05E-03	8.22E-11	2.00	1.57E-01	2.58E-11	1,000,000	2.58E-05

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 5

	Cancer Risk from Birth to 2 years								
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
67	9.7802E-07	7.8232E-08	1.05E-03	8.18E-11	2.00	1.57E-01	2.57E-11	1,000,000	2.57E-05
68	9.7802E-07	7.7772E-08	1.05E-03	8.13E-11	2.00	1.57E-01	2.55E-11	1,000,000	2.55E-05
69	9.7802E-07	7.7352E-08	1.05E-03	8.08E-11	2.00	1.57E-01	2.54E-11	1,000,000	2.54E-05
70	9.7802E-07	8.1508E-08	1.05E-03	8.52E-11	2.00	1.57E-01	2.68E-11	1,000,000	2.68E-05
71	9.7802E-07	8.1792E-08	1.05E-03	8.55E-11	2.00	1.57E-01	2.69E-11	1,000,000	2.69E-05
72	9.7802E-07	8.2066E-08	1.05E-03	8.58E-11	2.00	1.57E-01	2.70E-11	1,000,000	2.70E-05
73	9.7802E-07	8.2291E-08	1.05E-03	8.60E-11	2.00	1.57E-01	2.70E-11	1,000,000	2.70E-05
74	9.7802E-07	8.2418E-08	1.05E-03	8.61E-11	2.00	1.57E-01	2.71E-11	1,000,000	2.71E-05
75	9.7802E-07	8.2506E-08	1.05E-03	8.62E-11	2.00	1.57E-01	2.71E-11	1,000,000	2.71E-05
76	9.7802E-07	8.2594E-08	1.05E-03	8.63E-11	2.00	1.57E-01	2.71E-11	1,000,000	2.71E-05
77	9.7802E-07	8.2535E-08	1.05E-03	8.63E-11	2.00	1.57E-01	2.71E-11	1,000,000	2.71E-05
78	9.7802E-07	8.1176E-08	1.05E-03	8.48E-11	2.00	1.57E-01	2.67E-11	1,000,000	2.67E-05
79	9.7802E-07	8.0824E-08	1.05E-03	8.45E-11	2.00	1.57E-01	2.66E-11	1,000,000	2.66E-05
80	9.7802E-07	8.0413E-08	1.05E-03	8.40E-11	2.00	1.57E-01	2.64E-11	1,000,000	2.64E-05
81	9.7802E-07	7.9953E-08	1.05E-03	8.36E-11	2.00	1.57E-01	2.63E-11	1,000,000	2.63E-05
82	9.7802E-07	7.9523E-08	1.05E-03	8.31E-11	2.00	1.57E-01	2.61E-11	1,000,000	2.61E-05
83	9.7802E-07	8.3249E-08	1.05E-03	8.70E-11	2.00	1.57E-01	2.73E-11	1,000,000	2.73E-05
84	9.7802E-07	8.368E-08	1.05E-03	8.75E-11	2.00	1.57E-01	2.75E-11	1,000,000	2.75E-05
85	9.7802E-07	8.3973E-08	1.05E-03	8.78E-11	2.00	1.57E-01	2.76E-11	1,000,000	2.76E-05
86	9.7802E-07	8.4266E-08	1.05E-03	8.81E-11	2.00	1.57E-01	2.77E-11	1,000,000	2.77E-05
87	9.7802E-07	8.4462E-08	1.05E-03	8.83E-11	2.00	1.57E-01	2.77E-11	1,000,000	2.77E-05
88	9.7802E-07	8.4579E-08	1.05E-03	8.84E-11	2.00	1.57E-01	2.78E-11	1,000,000	2.78E-05
89	9.7802E-07	8.4687E-08	1.05E-03	8.85E-11	2.00	1.57E-01	2.78E-11	1,000,000	2.78E-05
90	9.7802E-07	8.4687E-08	1.05E-03	8.85E-11	2.00	1.57E-01	2.78E-11	1,000,000	2.78E-05
91	9.7802E-07	8.4589E-08	1.05E-03	8.84E-11	2.00	1.57E-01	2.78E-11	1,000,000	2.78E-05
92	9.7802E-07	8.3797E-08	1.05E-03	8.76E-11	2.00	1.57E-01	2.75E-11	1,000,000	2.75E-05
93	9.7802E-07	8.3445E-08	1.05E-03	8.72E-11	2.00	1.57E-01	2.74E-11	1,000,000	2.74E-05
94	9.7802E-07	8.3103E-08	1.05E-03	8.69E-11	2.00	1.57E-01	2.73E-11	1,000,000	2.73E-05
95	9.7802E-07	8.2682E-08	1.05E-03	8.64E-11	2.00	1.57E-01	2.72E-11	1,000,000	2.72E-05
96	9.7802E-07	8.2232E-08	1.05E-03	8.59E-11	2.00	1.57E-01	2.70E-11	1,000,000	2.70E-05
97	9.7802E-07	8.1792E-08	1.05E-03	8.55E-11	2.00	1.57E-01	2.69E-11	1,000,000	2.69E-05
98	9.7802E-07	8.5626E-08	1.05E-03	8.95E-11	2.00	1.57E-01	2.81E-11	1,000,000	2.81E-05
99	9.7802E-07	8.5949E-08	1.05E-03	8.98E-11	2.00	1.57E-01	2.82E-11	1,000,000	2.82E-05

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 5

	Cancer Risk from Birth to 2 years								
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
100	9.7802E-07	8.6252E-08	1.05E-03	9.02E-11	2.00	1.57E-01	2.83E-11	1,000,000	2.83E-05
101	9.7802E-07	8.6565E-08	1.05E-03	9.05E-11	2.00	1.57E-01	2.84E-11	1,000,000	2.84E-05
102	9.7802E-07	8.6721E-08	1.05E-03	9.06E-11	2.00	1.57E-01	2.85E-11	1,000,000	2.85E-05
103	9.7802E-07	8.6829E-08	1.05E-03	9.08E-11	2.00	1.57E-01	2.85E-11	1,000,000	2.85E-05
104	9.7802E-07	8.6907E-08	1.05E-03	9.08E-11	2.00	1.57E-01	2.85E-11	1,000,000	2.85E-05
105	9.7802E-07	8.6829E-08	1.05E-03	9.08E-11	2.00	1.57E-01	2.85E-11	1,000,000	2.85E-05
106	9.7802E-07	8.6105E-08	1.05E-03	9.00E-11	2.00	1.57E-01	2.83E-11	1,000,000	2.83E-05
107	9.7802E-07	8.5792E-08	1.05E-03	8.97E-11	2.00	1.57E-01	2.82E-11	1,000,000	2.82E-05
108	9.7802E-07	8.545E-08	1.05E-03	8.93E-11	2.00	1.57E-01	2.81E-11	1,000,000	2.81E-05
109	9.7802E-07	8.5059E-08	1.05E-03	8.89E-11	2.00	1.57E-01	2.79E-11	1,000,000	2.79E-05
110	9.7802E-07	8.4619E-08	1.05E-03	8.84E-11	2.00	1.57E-01	2.78E-11	1,000,000	2.78E-05
111	9.7802E-07	8.4188E-08	1.05E-03	8.80E-11	2.00	1.57E-01	2.77E-11	1,000,000	2.77E-05
112	9.7802E-07	8.8003E-08	1.05E-03	9.20E-11	2.00	1.57E-01	2.89E-11	1,000,000	2.89E-05
113	9.7802E-07	8.8355E-08	1.05E-03	9.23E-11	2.00	1.57E-01	2.90E-11	1,000,000	2.90E-05
114	9.7802E-07	8.8707E-08	1.05E-03	9.27E-11	2.00	1.57E-01	2.91E-11	1,000,000	2.91E-05
115	9.7802E-07	8.8941E-08	1.05E-03	9.30E-11	2.00	1.57E-01	2.92E-11	1,000,000	2.92E-05
116	9.7802E-07	8.9069E-08	1.05E-03	9.31E-11	2.00	1.57E-01	2.93E-11	1,000,000	2.93E-05
117	9.7802E-07	8.9176E-08	1.05E-03	9.32E-11	2.00	1.57E-01	2.93E-11	1,000,000	2.93E-05
118	9.7802E-07	8.9186E-08	1.05E-03	9.32E-11	2.00	1.57E-01	2.93E-11	1,000,000	2.93E-05
119	9.7802E-07	8.9078E-08	1.05E-03	9.31E-11	2.00	1.57E-01	2.93E-11	1,000,000	2.93E-05
120	9.7802E-07	8.8482E-08	1.05E-03	9.25E-11	2.00	1.57E-01	2.91E-11	1,000,000	2.91E-05
121	9.7802E-07	8.8237E-08	1.05E-03	9.22E-11	2.00	1.57E-01	2.90E-11	1,000,000	2.90E-05
122	9.7802E-07	8.7885E-08	1.05E-03	9.19E-11	2.00	1.57E-01	2.89E-11	1,000,000	2.89E-05
123	9.7802E-07	8.7523E-08	1.05E-03	9.15E-11	2.00	1.57E-01	2.88E-11	1,000,000	2.88E-05
124	9.7802E-07	8.7103E-08	1.05E-03	9.10E-11	2.00	1.57E-01	2.86E-11	1,000,000	2.86E-05
125	9.7802E-07	8.6672E-08	1.05E-03	9.06E-11	2.00	1.57E-01	2.85E-11	1,000,000	2.85E-05
126	9.7802E-07	9.0154E-08	1.05E-03	9.42E-11	2.00	1.57E-01	2.96E-11	1,000,000	2.96E-05
127	9.7802E-07	9.0555E-08	1.05E-03	9.46E-11	2.00	1.57E-01	2.97E-11	1,000,000	2.97E-05
128	9.7802E-07	9.0897E-08	1.05E-03	9.50E-11	2.00	1.57E-01	2.99E-11	1,000,000	2.99E-05
129	9.7802E-07	9.123E-08	1.05E-03	9.54E-11	2.00	1.57E-01	3.00E-11	1,000,000	3.00E-05
130	9.7802E-07	9.1406E-08	1.05E-03	9.55E-11	2.00	1.57E-01	3.00E-11	1,000,000	3.00E-05
131	9.7802E-07	9.1523E-08	1.05E-03	9.57E-11	2.00	1.57E-01	3.01E-11	1,000,000	3.01E-05
132	9.7802E-07	9.1611E-08	1.05E-03	9.58E-11	2.00	1.57E-01	3.01E-11	1,000,000	3.01E-05

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 5

					Cancer Risk from Birth to 2 years				
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
133	9.7802E-07	9.1533E-08	1.05E-03	9.57E-11	2.00	1.57E-01	3.01E-11	1,000,000	3.01E-05
134	9.7802E-07	9.0849E-08	1.05E-03	9.50E-11	2.00	1.57E-01	2.98E-11	1,000,000	2.98E-05
135	9.7802E-07	9.0487E-08	1.05E-03	9.46E-11	2.00	1.57E-01	2.97E-11	1,000,000	2.97E-05
136	9.7802E-07	9.0095E-08	1.05E-03	9.42E-11	2.00	1.57E-01	2.96E-11	1,000,000	2.96E-05
137	9.7802E-07	8.9695E-08	1.05E-03	9.37E-11	2.00	1.57E-01	2.95E-11	1,000,000	2.95E-05
138	9.7802E-07	8.9294E-08	1.05E-03	9.33E-11	2.00	1.57E-01	2.93E-11	1,000,000	2.93E-05
139	9.7802E-07	9.2824E-08	1.05E-03	9.70E-11	2.00	1.57E-01	3.05E-11	1,000,000	3.05E-05
140	9.7802E-07	9.3196E-08	1.05E-03	9.74E-11	2.00	1.57E-01	3.06E-11	1,000,000	3.06E-05
141	9.7802E-07	9.3558E-08	1.05E-03	9.78E-11	2.00	1.57E-01	3.07E-11	1,000,000	3.07E-05
142	9.7802E-07	9.3822E-08	1.05E-03	9.81E-11	2.00	1.57E-01	3.08E-11	1,000,000	3.08E-05
143	9.7802E-07	9.3959E-08	1.05E-03	9.82E-11	2.00	1.57E-01	3.09E-11	1,000,000	3.09E-05
144	9.7802E-07	9.4076E-08	1.05E-03	9.83E-11	2.00	1.57E-01	3.09E-11	1,000,000	3.09E-05
145	9.7802E-07	9.4096E-08	1.05E-03	9.83E-11	2.00	1.57E-01	3.09E-11	1,000,000	3.09E-05
146	9.7802E-07	9.3998E-08	1.05E-03	9.82E-11	2.00	1.57E-01	3.09E-11	1,000,000	3.09E-05
147	9.7802E-07	9.3499E-08	1.05E-03	9.77E-11	2.00	1.57E-01	3.07E-11	1,000,000	3.07E-05
148	9.7802E-07	9.3176E-08	1.05E-03	9.74E-11	2.00	1.57E-01	3.06E-11	1,000,000	3.06E-05
149	9.7802E-07	9.2805E-08	1.05E-03	9.70E-11	2.00	1.57E-01	3.05E-11	1,000,000	3.05E-05
150	9.7802E-07	9.2413E-08	1.05E-03	9.66E-11	2.00	1.57E-01	3.04E-11	1,000,000	3.04E-05
151	9.7802E-07	9.2003E-08	1.05E-03	9.62E-11	2.00	1.57E-01	3.02E-11	1,000,000	3.02E-05
152	9.7802E-07	9.5132E-08	1.05E-03	9.94E-11	2.00	1.57E-01	3.13E-11	1,000,000	3.13E-05
153	9.7802E-07	9.5582E-08	1.05E-03	9.99E-11	2.00	1.57E-01	3.14E-11	1,000,000	3.14E-05
154	9.7802E-07	9.5964E-08	1.05E-03	1.00E-10	2.00	1.57E-01	3.15E-11	1,000,000	3.15E-05
155	9.7802E-07	9.6316E-08	1.05E-03	1.01E-10	2.00	1.57E-01	3.16E-11	1,000,000	3.16E-05
156	9.7802E-07	9.6521E-08	1.05E-03	1.01E-10	2.00	1.57E-01	3.17E-11	1,000,000	3.17E-05
157	9.7802E-07	9.6648E-08	1.05E-03	1.01E-10	2.00	1.57E-01	3.17E-11	1,000,000	3.17E-05
158	9.7802E-07	9.6717E-08	1.05E-03	1.01E-10	2.00	1.57E-01	3.18E-11	1,000,000	3.18E-05
159	9.7802E-07	9.6717E-08	1.05E-03	1.01E-10	2.00	1.57E-01	3.18E-11	1,000,000	3.18E-05
160	9.7802E-07	9.6658E-08	1.05E-03	1.01E-10	2.00	1.57E-01	3.18E-11	1,000,000	3.18E-05
161	9.7802E-07	9.6502E-08	1.05E-03	1.01E-10	2.00	1.57E-01	3.17E-11	1,000,000	3.17E-05
162	9.7802E-07	9.6306E-08	1.05E-03	1.01E-10	2.00	1.57E-01	3.16E-11	1,000,000	3.16E-05
163	9.7802E-07	9.6032E-08	1.05E-03	1.00E-10	2.00	1.57E-01	3.15E-11	1,000,000	3.15E-05
164	9.7802E-07	9.568E-08	1.05E-03	1.00E-10	2.00	1.57E-01	3.14E-11	1,000,000	3.14E-05
165	9.7802E-07	9.524E-08	1.05E-03	9.95E-11	2.00	1.57E-01	3.13E-11	1,000,000	3.13E-05

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 5

					Cancer Risk from Birth to 2 years				
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
166	9.7802E-07	9.4819E-08	1.05E-03	9.91E-11	2.00	1.57E-01	3.11E-11	1,000,000	3.11E-05
167	9.7802E-07	9.8047E-08	1.05E-03	1.02E-10	2.00	1.57E-01	3.22E-11	1,000,000	3.22E-05
168	9.7802E-07	9.8477E-08	1.05E-03	1.03E-10	2.00	1.57E-01	3.23E-11	1,000,000	3.23E-05
169	9.7802E-07	9.8859E-08	1.05E-03	1.03E-10	2.00	1.57E-01	3.25E-11	1,000,000	3.25E-05
170	9.7802E-07	9.9181E-08	1.05E-03	1.04E-10	2.00	1.57E-01	3.26E-11	1,000,000	3.26E-05
171	9.7802E-07	9.9357E-08	1.05E-03	1.04E-10	2.00	1.57E-01	3.26E-11	1,000,000	3.26E-05
172	9.7802E-07	9.9494E-08	1.05E-03	1.04E-10	2.00	1.57E-01	3.27E-11	1,000,000	3.27E-05
173	9.7802E-07	9.9582E-08	1.05E-03	1.04E-10	2.00	1.57E-01	3.27E-11	1,000,000	3.27E-05
174	9.7802E-07	9.9592E-08	1.05E-03	1.04E-10	2.00	1.57E-01	3.27E-11	1,000,000	3.27E-05
175	9.7802E-07	9.9455E-08	1.05E-03	1.04E-10	2.00	1.57E-01	3.27E-11	1,000,000	3.27E-05
176	9.7802E-07	9.9269E-08	1.05E-03	1.04E-10	2.00	1.57E-01	3.26E-11	1,000,000	3.26E-05
177	9.7802E-07	9.8996E-08	1.05E-03	1.03E-10	2.00	1.57E-01	3.25E-11	1,000,000	3.25E-05
178	9.7802E-07	9.8643E-08	1.05E-03	1.03E-10	2.00	1.57E-01	3.24E-11	1,000,000	3.24E-05
179	9.7802E-07	9.8203E-08	1.05E-03	1.03E-10	2.00	1.57E-01	3.23E-11	1,000,000	3.23E-05
180	9.7802E-07	9.7783E-08	1.05E-03	1.02E-10	2.00	1.57E-01	3.21E-11	1,000,000	3.21E-05
181	9.7802E-07	1.0047E-07	1.05E-03	1.05E-10	2.00	1.57E-01	3.30E-11	1,000,000	3.30E-05
182	9.7802E-07	1.0107E-07	1.05E-03	1.06E-10	2.00	1.57E-01	3.32E-11	1,000,000	3.32E-05
183	9.7802E-07	1.015E-07	1.05E-03	1.06E-10	2.00	1.57E-01	3.33E-11	1,000,000	3.33E-05
184	9.7802E-07	1.0189E-07	1.05E-03	1.06E-10	2.00	1.57E-01	3.35E-11	1,000,000	3.35E-05
185	9.7802E-07	1.0217E-07	1.05E-03	1.07E-10	2.00	1.57E-01	3.36E-11	1,000,000	3.36E-05
186	9.7802E-07	1.0236E-07	1.05E-03	1.07E-10	2.00	1.57E-01	3.36E-11	1,000,000	3.36E-05
187	9.7802E-07	1.0249E-07	1.05E-03	1.07E-10	2.00	1.57E-01	3.37E-11	1,000,000	3.37E-05
188	9.7802E-07	1.0252E-07	1.05E-03	1.07E-10	2.00	1.57E-01	3.37E-11	1,000,000	3.37E-05
189	9.7802E-07	1.0244E-07	1.05E-03	1.07E-10	2.00	1.57E-01	3.37E-11	1,000,000	3.37E-05
190	9.7802E-07	1.0227E-07	1.05E-03	1.07E-10	2.00	1.57E-01	3.36E-11	1,000,000	3.36E-05
191	9.7802E-07	1.0203E-07	1.05E-03	1.07E-10	2.00	1.57E-01	3.35E-11	1,000,000	3.35E-05
192	9.7802E-07	1.0171E-07	1.05E-03	1.06E-10	2.00	1.57E-01	3.34E-11	1,000,000	3.34E-05
193	9.7802E-07	1.0131E-07	1.05E-03	1.06E-10	2.00	1.57E-01	3.33E-11	1,000,000	3.33E-05
194	9.7802E-07	1.0092E-07	1.05E-03	1.05E-10	2.00	1.57E-01	3.32E-11	1,000,000	3.32E-05
195	9.7802E-07	1.0377E-07	1.05E-03	1.08E-10	2.00	1.57E-01	3.41E-11	1,000,000	3.41E-05
196	9.7802E-07	1.0425E-07	1.05E-03	1.09E-10	2.00	1.57E-01	3.42E-11	1,000,000	3.42E-05
197	9.7802E-07	1.0468E-07	1.05E-03	1.09E-10	2.00	1.57E-01	3.44E-11	1,000,000	3.44E-05
198	9.7802E-07	1.051E-07	1.05E-03	1.10E-10	2.00	1.57E-01	3.45E-11	1,000,000	3.45E-05

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 5

					Cancer Risk from Birth to 2 years				
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
199	9.7802E-07	1.0537E-07	1.05E-03	1.10E-10	2.00	1.57E-01	3.46E-11	1,000,000	3.46E-05
200	9.7802E-07	1.0555E-07	1.05E-03	1.10E-10	2.00	1.57E-01	3.47E-11	1,000,000	3.47E-05
201	9.7802E-07	1.0562E-07	1.05E-03	1.10E-10	2.00	1.57E-01	3.47E-11	1,000,000	3.47E-05
202	9.7802E-07	1.0559E-07	1.05E-03	1.10E-10	2.00	1.57E-01	3.47E-11	1,000,000	3.47E-05
203	9.7802E-07	1.0547E-07	1.05E-03	1.10E-10	2.00	1.57E-01	3.46E-11	1,000,000	3.46E-05
204	9.7802E-07	1.0527E-07	1.05E-03	1.10E-10	2.00	1.57E-01	3.46E-11	1,000,000	3.46E-05
205	9.7802E-07	1.05E-07	1.05E-03	1.10E-10	2.00	1.57E-01	3.45E-11	1,000,000	3.45E-05
206	9.7802E-07	1.0462E-07	1.05E-03	1.09E-10	2.00	1.57E-01	3.44E-11	1,000,000	3.44E-05
207	9.7802E-07	1.0422E-07	1.05E-03	1.09E-10	2.00	1.57E-01	3.42E-11	1,000,000	3.42E-05
208	9.7802E-07	1.0712E-07	1.05E-03	1.12E-10	2.00	1.57E-01	3.52E-11	1,000,000	3.52E-05
209	9.7802E-07	1.0761E-07	1.05E-03	1.12E-10	2.00	1.57E-01	3.53E-11	1,000,000	3.53E-05
210	9.7802E-07	1.0806E-07	1.05E-03	1.13E-10	2.00	1.57E-01	3.55E-11	1,000,000	3.55E-05
211	9.7802E-07	1.0844E-07	1.05E-03	1.13E-10	2.00	1.57E-01	3.56E-11	1,000,000	3.56E-05
212	9.7802E-07	1.087E-07	1.05E-03	1.14E-10	2.00	1.57E-01	3.57E-11	1,000,000	3.57E-05
213	9.7802E-07	1.0884E-07	1.05E-03	1.14E-10	2.00	1.57E-01	3.58E-11	1,000,000	3.58E-05
214	9.7802E-07	1.0889E-07	1.05E-03	1.14E-10	2.00	1.57E-01	3.58E-11	1,000,000	3.58E-05
215	9.7802E-07	1.0886E-07	1.05E-03	1.14E-10	2.00	1.57E-01	3.58E-11	1,000,000	3.58E-05
216	9.7802E-07	1.0871E-07	1.05E-03	1.14E-10	2.00	1.57E-01	3.57E-11	1,000,000	3.57E-05
217	9.7802E-07	1.0845E-07	1.05E-03	1.13E-10	2.00	1.57E-01	3.56E-11	1,000,000	3.56E-05
218	9.7802E-07	1.0809E-07	1.05E-03	1.13E-10	2.00	1.57E-01	3.55E-11	1,000,000	3.55E-05
219	9.7802E-07	1.0768E-07	1.05E-03	1.13E-10	2.00	1.57E-01	3.54E-11	1,000,000	3.54E-05
220	9.7802E-07	1.1192E-07	1.05E-03	1.17E-10	2.00	1.57E-01	3.68E-11	1,000,000	3.68E-05
221	9.7802E-07	1.1215E-07	1.05E-03	1.17E-10	2.00	1.57E-01	3.68E-11	1,000,000	3.68E-05
222	9.7802E-07	1.1227E-07	1.05E-03	1.17E-10	2.00	1.57E-01	3.69E-11	1,000,000	3.69E-05
223	9.7802E-07	1.1229E-07	1.05E-03	1.17E-10	2.00	1.57E-01	3.69E-11	1,000,000	3.69E-05
224	9.7802E-07	1.122E-07	1.05E-03	1.17E-10	2.00	1.57E-01	3.69E-11	1,000,000	3.69E-05
225	9.7802E-07	1.1199E-07	1.05E-03	1.17E-10	2.00	1.57E-01	3.68E-11	1,000,000	3.68E-05
226	9.7802E-07	1.117E-07	1.05E-03	1.17E-10	2.00	1.57E-01	3.67E-11	1,000,000	3.67E-05
227	9.7802E-07	1.1135E-07	1.05E-03	1.16E-10	2.00	1.57E-01	3.66E-11	1,000,000	3.66E-05
228	9.7802E-07	1.1567E-07	1.05E-03	1.21E-10	2.00	1.57E-01	3.80E-11	1,000,000	3.80E-05
229	9.7802E-07	1.1588E-07	1.05E-03	1.21E-10	2.00	1.57E-01	3.81E-11	1,000,000	3.81E-05
230	9.7802E-07	1.1595E-07	1.05E-03	1.21E-10	2.00	1.57E-01	3.81E-11	1,000,000	3.81E-05
231	9.7802E-07	1.1594E-07	1.05E-03	1.21E-10	2.00	1.57E-01	3.81E-11	1,000,000	3.81E-05

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 5

					Cancer Risk from Birth to 2 years				
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
232	9.7802E-07	1.1579E-07	1.05E-03	1.21E-10	2.00	1.57E-01	3.80E-11	1,000,000	3.80E-05
233	9.7802E-07	1.1554E-07	1.05E-03	1.21E-10	2.00	1.57E-01	3.80E-11	1,000,000	3.80E-05
234	9.7802E-07	1.1523E-07	1.05E-03	1.20E-10	2.00	1.57E-01	3.79E-11	1,000,000	3.79E-05
235	9.7802E-07	1.0684E-07	1.05E-03	1.12E-10	2.00	1.57E-01	3.51E-11	1,000,000	3.51E-05
236	9.7802E-07	1.1042E-07	1.05E-03	1.15E-10	2.00	1.57E-01	3.63E-11	1,000,000	3.63E-05
237	9.7802E-07	1.1093E-07	1.05E-03	1.16E-10	2.00	1.57E-01	3.64E-11	1,000,000	3.64E-05
238	9.7802E-07	1.114E-07	1.05E-03	1.16E-10	2.00	1.57E-01	3.66E-11	1,000,000	3.66E-05
239	9.7802E-07	1.1419E-07	1.05E-03	1.19E-10	2.00	1.57E-01	3.75E-11	1,000,000	3.75E-05
240	9.7802E-07	1.1476E-07	1.05E-03	1.20E-10	2.00	1.57E-01	3.77E-11	1,000,000	3.77E-05
241	9.7802E-07	1.1518E-07	1.05E-03	1.20E-10	2.00	1.57E-01	3.78E-11	1,000,000	3.78E-05
242	9.7802E-07	1.1554E-07	1.05E-03	1.21E-10	2.00	1.57E-01	3.80E-11	1,000,000	3.80E-05

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 5

	Cancer Risk from Birth to 2 years								
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
243	9.7802E-07	2.3397E-07	1.05E-03	2.45E-10	2.00	1.57E-01	7.69E-11	1,000,000	7.69E-05
244	9.7802E-07	2.422E-07	1.05E-03	2.53E-10	2.00	1.57E-01	7.96E-11	1,000,000	7.96E-05
245	9.7802E-07	2.5036E-07	1.05E-03	2.62E-10	2.00	1.57E-01	8.22E-11	1,000,000	8.22E-05
246	9.7802E-07	2.5835E-07	1.05E-03	2.70E-10	2.00	1.57E-01	8.49E-11	1,000,000	8.49E-05
247	9.7802E-07	2.6626E-07	1.05E-03	2.78E-10	2.00	1.57E-01	8.75E-11	1,000,000	8.75E-05
248	9.7802E-07	2.7393E-07	1.05E-03	2.86E-10	2.00	1.57E-01	9.00E-11	1,000,000	9.00E-05
249	9.7802E-07	2.8138E-07	1.05E-03	2.94E-10	2.00	1.57E-01	9.24E-11	1,000,000	9.24E-05
250	9.7802E-07	2.8846E-07	1.05E-03	3.01E-10	2.00	1.57E-01	9.48E-11	1,000,000	9.48E-05
251	9.7802E-07	2.9507E-07	1.05E-03	3.08E-10	2.00	1.57E-01	9.69E-11	1,000,000	9.69E-05
252	9.7802E-07	2.2381E-07	1.05E-03	2.34E-10	2.00	1.57E-01	7.35E-11	1,000,000	7.35E-05
253	9.7802E-07	2.3228E-07	1.05E-03	2.43E-10	2.00	1.57E-01	7.63E-11	1,000,000	7.63E-05
254	9.7802E-07	2.4098E-07	1.05E-03	2.52E-10	2.00	1.57E-01	7.92E-11	1,000,000	7.92E-05
255	9.7802E-07	2.4987E-07	1.05E-03	2.61E-10	2.00	1.57E-01	8.21E-11	1,000,000	8.21E-05
256	9.7802E-07	2.5879E-07	1.05E-03	2.70E-10	2.00	1.57E-01	8.50E-11	1,000,000	8.50E-05
257	9.7802E-07	2.6785E-07	1.05E-03	2.80E-10	2.00	1.57E-01	8.80E-11	1,000,000	8.80E-05
258	9.7802E-07	2.7674E-07	1.05E-03	2.89E-10	2.00	1.57E-01	9.09E-11	1,000,000	9.09E-05
259	9.7802E-07	2.8559E-07	1.05E-03	2.99E-10	2.00	1.57E-01	9.38E-11	1,000,000	9.38E-05
260	9.7802E-07	2.9415E-07	1.05E-03	3.07E-10	2.00	1.57E-01	9.66E-11	1,000,000	9.66E-05
261	9.7802E-07	3.0233E-07	1.05E-03	3.16E-10	2.00	1.57E-01	9.93E-11	1,000,000	9.93E-05
262	9.7802E-07	3.0991E-07	1.05E-03	3.24E-10	2.00	1.57E-01	1.02E-10	1,000,000	1.02E-04
263	9.7802E-07	2.2924E-07	1.05E-03	2.40E-10	2.00	1.57E-01	7.53E-11	1,000,000	7.53E-05
264	9.7802E-07	2.3855E-07	1.05E-03	2.49E-10	2.00	1.57E-01	7.84E-11	1,000,000	7.84E-05
265	9.7802E-07	2.48E-07	1.05E-03	2.59E-10	2.00	1.57E-01	8.15E-11	1,000,000	8.15E-05
266	9.7802E-07	2.5777E-07	1.05E-03	2.69E-10	2.00	1.57E-01	8.47E-11	1,000,000	8.47E-05
267	9.7802E-07	2.6765E-07	1.05E-03	2.80E-10	2.00	1.57E-01	8.79E-11	1,000,000	8.79E-05
268	9.7802E-07	2.7774E-07	1.05E-03	2.90E-10	2.00	1.57E-01	9.12E-11	1,000,000	9.12E-05
269	9.7802E-07	2.8769E-07	1.05E-03	3.01E-10	2.00	1.57E-01	9.45E-11	1,000,000	9.45E-05
270	9.7802E-07	2.9765E-07	1.05E-03	3.11E-10	2.00	1.57E-01	9.78E-11	1,000,000	9.78E-05
271	9.7802E-07	3.0731E-07	1.05E-03	3.21E-10	2.00	1.57E-01	1.01E-10	1,000,000	1.01E-04
272	9.7802E-07	3.1667E-07	1.05E-03	3.31E-10	2.00	1.57E-01	1.04E-10	1,000,000	1.04E-04
273	9.7802E-07	3.2555E-07	1.05E-03	3.40E-10	2.00	1.57E-01	1.07E-10	1,000,000	1.07E-04
274	9.7802E-07	3.3444E-07	1.05E-03	3.50E-10	2.00	1.57E-01	1.10E-10	1,000,000	1.10E-04
275	9.7802E-07	2.3479E-07	1.05E-03	2.45E-10	2.00	1.57E-01	7.71E-11	1,000,000	7.71E-05

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 5

					Cancer Risk from Birth to 2 years				
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
276	9.7802E-07	2.4473E-07	1.05E-03	2.56E-10	2.00	1.57E-01	8.04E-11	1,000,000	8.04E-05
277	9.7802E-07	2.5506E-07	1.05E-03	2.67E-10	2.00	1.57E-01	8.38E-11	1,000,000	8.38E-05
278	9.7802E-07	2.6573E-07	1.05E-03	2.78E-10	2.00	1.57E-01	8.73E-11	1,000,000	8.73E-05
279	9.7802E-07	2.7665E-07	1.05E-03	2.89E-10	2.00	1.57E-01	9.09E-11	1,000,000	9.09E-05
280	9.7802E-07	2.8777E-07	1.05E-03	3.01E-10	2.00	1.57E-01	9.45E-11	1,000,000	9.45E-05
281	9.7802E-07	2.9906E-07	1.05E-03	3.13E-10	2.00	1.57E-01	9.82E-11	1,000,000	9.82E-05
282	9.7802E-07	3.1019E-07	1.05E-03	3.24E-10	2.00	1.57E-01	1.02E-10	1,000,000	1.02E-04
283	9.7802E-07	3.2115E-07	1.05E-03	3.36E-10	2.00	1.57E-01	1.05E-10	1,000,000	1.05E-04
284	9.7802E-07	3.3191E-07	1.05E-03	3.47E-10	2.00	1.57E-01	1.09E-10	1,000,000	1.09E-04
285	9.7802E-07	3.4235E-07	1.05E-03	3.58E-10	2.00	1.57E-01	1.12E-10	1,000,000	1.12E-04
286	9.7802E-07	3.5232E-07	1.05E-03	3.68E-10	2.00	1.57E-01	1.16E-10	1,000,000	1.16E-04
287	9.7802E-07	2.403E-07	1.05E-03	2.51E-10	2.00	1.57E-01	7.89E-11	1,000,000	7.89E-05
288	9.7802E-07	2.5102E-07	1.05E-03	2.62E-10	2.00	1.57E-01	8.25E-11	1,000,000	8.25E-05
289	9.7802E-07	2.6226E-07	1.05E-03	2.74E-10	2.00	1.57E-01	8.61E-11	1,000,000	8.61E-05
290	9.7802E-07	2.7386E-07	1.05E-03	2.86E-10	2.00	1.57E-01	9.00E-11	1,000,000	9.00E-05
291	9.7802E-07	2.8586E-07	1.05E-03	2.99E-10	2.00	1.57E-01	9.39E-11	1,000,000	9.39E-05
292	9.7802E-07	2.9803E-07	1.05E-03	3.12E-10	2.00	1.57E-01	9.79E-11	1,000,000	9.79E-05
293	9.7802E-07	3.1051E-07	1.05E-03	3.25E-10	2.00	1.57E-01	1.02E-10	1,000,000	1.02E-04
294	9.7802E-07	3.2296E-07	1.05E-03	3.38E-10	2.00	1.57E-01	1.06E-10	1,000,000	1.06E-04
295	9.7802E-07	3.3533E-07	1.05E-03	3.50E-10	2.00	1.57E-01	1.10E-10	1,000,000	1.10E-04
296	9.7802E-07	3.4761E-07	1.05E-03	3.63E-10	2.00	1.57E-01	1.14E-10	1,000,000	1.14E-04
297	9.7802E-07	3.5969E-07	1.05E-03	3.76E-10	2.00	1.57E-01	1.18E-10	1,000,000	1.18E-04
298	9.7802E-07	3.7125E-07	1.05E-03	3.88E-10	2.00	1.57E-01	1.22E-10	1,000,000	1.22E-04
299	9.7802E-07	2.4582E-07	1.05E-03	2.57E-10	2.00	1.57E-01	8.07E-11	1,000,000	8.07E-05
300	9.7802E-07	2.5726E-07	1.05E-03	2.69E-10	2.00	1.57E-01	8.45E-11	1,000,000	8.45E-05
301	9.7802E-07	2.6937E-07	1.05E-03	2.82E-10	2.00	1.57E-01	8.85E-11	1,000,000	8.85E-05
302	9.7802E-07	2.8198E-07	1.05E-03	2.95E-10	2.00	1.57E-01	9.26E-11	1,000,000	9.26E-05
303	9.7802E-07	2.9497E-07	1.05E-03	3.08E-10	2.00	1.57E-01	9.69E-11	1,000,000	9.69E-05
304	9.7802E-07	3.0857E-07	1.05E-03	3.23E-10	2.00	1.57E-01	1.01E-10	1,000,000	1.01E-04
305	9.7802E-07	3.2224E-07	1.05E-03	3.37E-10	2.00	1.57E-01	1.06E-10	1,000,000	1.06E-04
306	9.7802E-07	3.362E-07	1.05E-03	3.51E-10	2.00	1.57E-01	1.10E-10	1,000,000	1.10E-04
307	9.7802E-07	3.5019E-07	1.05E-03	3.66E-10	2.00	1.57E-01	1.15E-10	1,000,000	1.15E-04
308	9.7802E-07	3.6424E-07	1.05E-03	3.81E-10	2.00	1.57E-01	1.20E-10	1,000,000	1.20E-04

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 5

					Cancer Risk from Birth to 2 years				
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
309	9.7802E-07	3.7817E-07	1.05E-03	3.95E-10	2.00	1.57E-01	1.24E-10	1,000,000	1.24E-04
310	9.7802E-07	3.9142E-07	1.05E-03	4.09E-10	2.00	1.57E-01	1.29E-10	1,000,000	1.29E-04
311	9.7802E-07	2.5127E-07	1.05E-03	2.63E-10	2.00	1.57E-01	8.25E-11	1,000,000	8.25E-05
312	9.7802E-07	2.6343E-07	1.05E-03	2.75E-10	2.00	1.57E-01	8.65E-11	1,000,000	8.65E-05
313	9.7802E-07	2.7633E-07	1.05E-03	2.89E-10	2.00	1.57E-01	9.08E-11	1,000,000	9.08E-05
314	9.7802E-07	2.8994E-07	1.05E-03	3.03E-10	2.00	1.57E-01	9.52E-11	1,000,000	9.52E-05
315	9.7802E-07	3.043E-07	1.05E-03	3.18E-10	2.00	1.57E-01	1.00E-10	1,000,000	1.00E-04
316	9.7802E-07	3.1923E-07	1.05E-03	3.34E-10	2.00	1.57E-01	1.05E-10	1,000,000	1.05E-04
317	9.7802E-07	3.344E-07	1.05E-03	3.50E-10	2.00	1.57E-01	1.10E-10	1,000,000	1.10E-04
318	9.7802E-07	3.5003E-07	1.05E-03	3.66E-10	2.00	1.57E-01	1.15E-10	1,000,000	1.15E-04
319	9.7802E-07	3.6577E-07	1.05E-03	3.82E-10	2.00	1.57E-01	1.20E-10	1,000,000	1.20E-04
320	9.7802E-07	3.8175E-07	1.05E-03	3.99E-10	2.00	1.57E-01	1.25E-10	1,000,000	1.25E-04
321	9.7802E-07	3.9753E-07	1.05E-03	4.15E-10	2.00	1.57E-01	1.31E-10	1,000,000	1.31E-04
322	9.7802E-07	4.1293E-07	1.05E-03	4.32E-10	2.00	1.57E-01	1.36E-10	1,000,000	1.36E-04
323	9.7802E-07	2.5675E-07	1.05E-03	2.68E-10	2.00	1.57E-01	8.43E-11	1,000,000	8.43E-05
324	9.7802E-07	2.6973E-07	1.05E-03	2.82E-10	2.00	1.57E-01	8.86E-11	1,000,000	8.86E-05
325	9.7802E-07	2.8355E-07	1.05E-03	2.96E-10	2.00	1.57E-01	9.31E-11	1,000,000	9.31E-05
326	9.7802E-07	2.9848E-07	1.05E-03	3.12E-10	2.00	1.57E-01	9.80E-11	1,000,000	9.80E-05
327	9.7802E-07	3.1362E-07	1.05E-03	3.28E-10	2.00	1.57E-01	1.03E-10	1,000,000	1.03E-04
328	9.7802E-07	3.2983E-07	1.05E-03	3.45E-10	2.00	1.57E-01	1.08E-10	1,000,000	1.08E-04
329	9.7802E-07	3.4618E-07	1.05E-03	3.62E-10	2.00	1.57E-01	1.14E-10	1,000,000	1.14E-04
330	9.7802E-07	3.6397E-07	1.05E-03	3.80E-10	2.00	1.57E-01	1.20E-10	1,000,000	1.20E-04
331	9.7802E-07	3.8185E-07	1.05E-03	3.99E-10	2.00	1.57E-01	1.25E-10	1,000,000	1.25E-04
332	9.7802E-07	3.9988E-07	1.05E-03	4.18E-10	2.00	1.57E-01	1.31E-10	1,000,000	1.31E-04
333	9.7802E-07	4.1797E-07	1.05E-03	4.37E-10	2.00	1.57E-01	1.37E-10	1,000,000	1.37E-04
334	9.7802E-07	4.3622E-07	1.05E-03	4.56E-10	2.00	1.57E-01	1.43E-10	1,000,000	1.43E-04
335	9.7802E-07	2.6227E-07	1.05E-03	2.74E-10	2.00	1.57E-01	8.62E-11	1,000,000	8.62E-05
336	9.7802E-07	2.7604E-07	1.05E-03	2.89E-10	2.00	1.57E-01	9.07E-11	1,000,000	9.07E-05
337	9.7802E-07	2.9079E-07	1.05E-03	3.04E-10	2.00	1.57E-01	9.55E-11	1,000,000	9.55E-05
338	9.7802E-07	3.0674E-07	1.05E-03	3.21E-10	2.00	1.57E-01	1.01E-10	1,000,000	1.01E-04
339	9.7802E-07	3.2314E-07	1.05E-03	3.38E-10	2.00	1.57E-01	1.06E-10	1,000,000	1.06E-04
340	9.7802E-07	3.4077E-07	1.05E-03	3.56E-10	2.00	1.57E-01	1.12E-10	1,000,000	1.12E-04
341	9.7802E-07	3.5883E-07	1.05E-03	3.75E-10	2.00	1.57E-01	1.18E-10	1,000,000	1.18E-04

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 5

					Cancer Risk from 2 to 14 years				
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
1	9.7802E-07	7.6423E-08	6.05E-04	4.62E-11	14.00	4.71E-02	3.05E-11	1,000,000	3.1E-05
2	9.7802E-07	7.3792E-08	6.05E-04	4.46E-11	14.00	4.71E-02	2.95E-11	1,000,000	2.95E-05
3	9.7802E-07	7.4291E-08	6.05E-04	4.50E-11	14.00	4.71E-02	2.97E-11	1,000,000	2.97E-05
4	9.7802E-07	7.5327E-08	6.05E-04	4.56E-11	14.00	4.71E-02	3.01E-11	1,000,000	3.01E-05
5	9.7802E-07	7.6286E-08	6.05E-04	4.62E-11	14.00	4.71E-02	3.05E-11	1,000,000	3.05E-05
6	9.7802E-07	7.6873E-08	6.05E-04	4.65E-11	14.00	4.71E-02	3.07E-11	1,000,000	3.07E-05
7	9.7802E-07	7.7958E-08	6.05E-04	4.72E-11	14.00	4.71E-02	3.11E-11	1,000,000	3.11E-05
8	9.7802E-07	6.8716E-08	6.05E-04	4.16E-11	14.00	4.71E-02	2.74E-11	1,000,000	2.74E-05
9	9.7802E-07	6.8452E-08	6.05E-04	4.14E-11	14.00	4.71E-02	2.73E-11	1,000,000	2.73E-05
10	9.7802E-07	6.81E-08	6.05E-04	4.12E-11	14.00	4.71E-02	2.72E-11	1,000,000	2.72E-05
11	9.7802E-07	6.7728E-08	6.05E-04	4.10E-11	14.00	4.71E-02	2.70E-11	1,000,000	2.70E-05
12	9.7802E-07	6.7366E-08	6.05E-04	4.08E-11	14.00	4.71E-02	2.69E-11	1,000,000	2.69E-05
13	9.7802E-07	6.6985E-08	6.05E-04	4.05E-11	14.00	4.71E-02	2.68E-11	1,000,000	2.68E-05
14	9.7802E-07	6.6603E-08	6.05E-04	4.03E-11	14.00	4.71E-02	2.66E-11	1,000,000	2.66E-05
15	9.7802E-07	6.6202E-08	6.05E-04	4.01E-11	14.00	4.71E-02	2.64E-11	1,000,000	2.64E-05
16	9.7802E-07	7.0437E-08	6.05E-04	4.26E-11	14.00	4.71E-02	2.81E-11	1,000,000	2.81E-05
17	9.7802E-07	7.0163E-08	6.05E-04	4.25E-11	14.00	4.71E-02	2.80E-11	1,000,000	2.80E-05
18	9.7802E-07	6.9802E-08	6.05E-04	4.22E-11	14.00	4.71E-02	2.79E-11	1,000,000	2.79E-05
19	9.7802E-07	6.943E-08	6.05E-04	4.20E-11	14.00	4.71E-02	2.77E-11	1,000,000	2.77E-05
20	9.7802E-07	6.9068E-08	6.05E-04	4.18E-11	14.00	4.71E-02	2.76E-11	1,000,000	2.76E-05
21	9.7802E-07	6.8667E-08	6.05E-04	4.15E-11	14.00	4.71E-02	2.74E-11	1,000,000	2.74E-05
22	9.7802E-07	6.8266E-08	6.05E-04	4.13E-11	14.00	4.71E-02	2.73E-11	1,000,000	2.73E-05
23	9.7802E-07	6.7875E-08	6.05E-04	4.11E-11	14.00	4.71E-02	2.71E-11	1,000,000	2.71E-05
24	9.7802E-07	7.1582E-08	6.05E-04	4.33E-11	14.00	4.71E-02	2.86E-11	1,000,000	2.86E-05
25	9.7802E-07	7.121E-08	6.05E-04	4.31E-11	14.00	4.71E-02	2.84E-11	1,000,000	2.84E-05
26	9.7802E-07	7.0848E-08	6.05E-04	4.29E-11	14.00	4.71E-02	2.83E-11	1,000,000	2.83E-05
27	9.7802E-07	7.0447E-08	6.05E-04	4.26E-11	14.00	4.71E-02	2.81E-11	1,000,000	2.81E-05
28	9.7802E-07	7.0026E-08	6.05E-04	4.24E-11	14.00	4.71E-02	2.80E-11	1,000,000	2.80E-05
29	9.7802E-07	6.9625E-08	6.05E-04	4.21E-11	14.00	4.71E-02	2.78E-11	1,000,000	2.78E-05
30	9.7802E-07	7.343E-08	6.05E-04	4.44E-11	14.00	4.71E-02	2.93E-11	1,000,000	2.93E-05
31	9.7802E-07	7.3049E-08	6.05E-04	4.42E-11	14.00	4.71E-02	2.92E-11	1,000,000	2.92E-05
32	9.7802E-07	7.2696E-08	6.05E-04	4.40E-11	14.00	4.71E-02	2.90E-11	1,000,000	2.90E-05
33	9.7802E-07	7.2286E-08	6.05E-04	4.37E-11	14.00	4.71E-02	2.89E-11	1,000,000	2.89E-05

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 5

	Cancer Risk from 2 to 14 years								
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
34	9.7802E-07	7.1846E-08	6.05E-04	4.35E-11	14.00	4.71E-02	2.87E-11	1,000,000	2.87E-05
35	9.7802E-07	7.1445E-08	6.05E-04	4.32E-11	14.00	4.71E-02	2.85E-11	1,000,000	2.85E-05
36	9.7802E-07	7.5327E-08	6.05E-04	4.56E-11	14.00	4.71E-02	3.01E-11	1,000,000	3.01E-05
37	9.7802E-07	7.4956E-08	6.05E-04	4.54E-11	14.00	4.71E-02	2.99E-11	1,000,000	2.99E-05
38	9.7802E-07	7.4604E-08	6.05E-04	4.51E-11	14.00	4.71E-02	2.98E-11	1,000,000	2.98E-05
39	9.7802E-07	7.4183E-08	6.05E-04	4.49E-11	14.00	4.71E-02	2.96E-11	1,000,000	2.96E-05
40	9.7802E-07	7.3743E-08	6.05E-04	4.46E-11	14.00	4.71E-02	2.94E-11	1,000,000	2.94E-05
41	9.7802E-07	7.3332E-08	6.05E-04	4.44E-11	14.00	4.71E-02	2.93E-11	1,000,000	2.93E-05
42	9.7802E-07	7.8017E-08	6.05E-04	4.72E-11	14.00	4.71E-02	3.12E-11	1,000,000	3.12E-05
43	9.7802E-07	7.8203E-08	6.05E-04	4.73E-11	14.00	4.71E-02	3.12E-11	1,000,000	3.12E-05
44	9.7802E-07	7.8359E-08	6.05E-04	4.74E-11	14.00	4.71E-02	3.13E-11	1,000,000	3.13E-05
45	9.7802E-07	7.8467E-08	6.05E-04	4.75E-11	14.00	4.71E-02	3.13E-11	1,000,000	3.13E-05
46	9.7802E-07	7.8545E-08	6.05E-04	4.75E-11	14.00	4.71E-02	3.14E-11	1,000,000	3.14E-05
47	9.7802E-07	7.8604E-08	6.05E-04	4.76E-11	14.00	4.71E-02	3.14E-11	1,000,000	3.14E-05
48	9.7802E-07	7.8574E-08	6.05E-04	4.75E-11	14.00	4.71E-02	3.14E-11	1,000,000	3.14E-05
49	9.7802E-07	7.7313E-08	6.05E-04	4.68E-11	14.00	4.71E-02	3.09E-11	1,000,000	3.09E-05
50	9.7802E-07	7.6941E-08	6.05E-04	4.66E-11	14.00	4.71E-02	3.07E-11	1,000,000	3.07E-05
51	9.7802E-07	7.6579E-08	6.05E-04	4.63E-11	14.00	4.71E-02	3.06E-11	1,000,000	3.06E-05
52	9.7802E-07	7.6159E-08	6.05E-04	4.61E-11	14.00	4.71E-02	3.04E-11	1,000,000	3.04E-05
53	9.7802E-07	7.5719E-08	6.05E-04	4.58E-11	14.00	4.71E-02	3.02E-11	1,000,000	3.02E-05
54	9.7802E-07	7.5308E-08	6.05E-04	4.56E-11	14.00	4.71E-02	3.01E-11	1,000,000	3.01E-05
55	9.7802E-07	7.9347E-08	6.05E-04	4.80E-11	14.00	4.71E-02	3.17E-11	1,000,000	3.17E-05
56	9.7802E-07	7.9728E-08	6.05E-04	4.82E-11	14.00	4.71E-02	3.18E-11	1,000,000	3.18E-05
57	9.7802E-07	7.9973E-08	6.05E-04	4.84E-11	14.00	4.71E-02	3.19E-11	1,000,000	3.19E-05
58	9.7802E-07	8.0208E-08	6.05E-04	4.85E-11	14.00	4.71E-02	3.20E-11	1,000,000	3.20E-05
59	9.7802E-07	8.0354E-08	6.05E-04	4.86E-11	14.00	4.71E-02	3.21E-11	1,000,000	3.21E-05
60	9.7802E-07	8.0452E-08	6.05E-04	4.87E-11	14.00	4.71E-02	3.21E-11	1,000,000	3.21E-05
61	9.7802E-07	8.054E-08	6.05E-04	4.87E-11	14.00	4.71E-02	3.22E-11	1,000,000	3.22E-05
62	9.7802E-07	8.055E-08	6.05E-04	4.87E-11	14.00	4.71E-02	3.22E-11	1,000,000	3.22E-05
63	9.7802E-07	8.0462E-08	6.05E-04	4.87E-11	14.00	4.71E-02	3.21E-11	1,000,000	3.21E-05
64	9.7802E-07	7.9386E-08	6.05E-04	4.80E-11	14.00	4.71E-02	3.17E-11	1,000,000	3.17E-05
65	9.7802E-07	7.9005E-08	6.05E-04	4.78E-11	14.00	4.71E-02	3.16E-11	1,000,000	3.16E-05
66	9.7802E-07	7.8623E-08	6.05E-04	4.76E-11	14.00	4.71E-02	3.14E-11	1,000,000	3.14E-05

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 5

	Cancer Risk from 2 to 14 years								
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
67	9.7802E-07	7.8232E-08	6.05E-04	4.73E-11	14.00	4.71E-02	3.12E-11	1,000,000	3.12E-05
68	9.7802E-07	7.7772E-08	6.05E-04	4.71E-11	14.00	4.71E-02	3.11E-11	1,000,000	3.11E-05
69	9.7802E-07	7.7352E-08	6.05E-04	4.68E-11	14.00	4.71E-02	3.09E-11	1,000,000	3.09E-05
70	9.7802E-07	8.1508E-08	6.05E-04	4.93E-11	14.00	4.71E-02	3.26E-11	1,000,000	3.26E-05
71	9.7802E-07	8.1792E-08	6.05E-04	4.95E-11	14.00	4.71E-02	3.27E-11	1,000,000	3.27E-05
72	9.7802E-07	8.2066E-08	6.05E-04	4.97E-11	14.00	4.71E-02	3.28E-11	1,000,000	3.28E-05
73	9.7802E-07	8.2291E-08	6.05E-04	4.98E-11	14.00	4.71E-02	3.29E-11	1,000,000	3.29E-05
74	9.7802E-07	8.2418E-08	6.05E-04	4.99E-11	14.00	4.71E-02	3.29E-11	1,000,000	3.29E-05
75	9.7802E-07	8.2506E-08	6.05E-04	4.99E-11	14.00	4.71E-02	3.29E-11	1,000,000	3.29E-05
76	9.7802E-07	8.2594E-08	6.05E-04	5.00E-11	14.00	4.71E-02	3.30E-11	1,000,000	3.30E-05
77	9.7802E-07	8.2535E-08	6.05E-04	4.99E-11	14.00	4.71E-02	3.30E-11	1,000,000	3.30E-05
78	9.7802E-07	8.1176E-08	6.05E-04	4.91E-11	14.00	4.71E-02	3.24E-11	1,000,000	3.24E-05
79	9.7802E-07	8.0824E-08	6.05E-04	4.89E-11	14.00	4.71E-02	3.23E-11	1,000,000	3.23E-05
80	9.7802E-07	8.0413E-08	6.05E-04	4.87E-11	14.00	4.71E-02	3.21E-11	1,000,000	3.21E-05
81	9.7802E-07	7.9953E-08	6.05E-04	4.84E-11	14.00	4.71E-02	3.19E-11	1,000,000	3.19E-05
82	9.7802E-07	7.9523E-08	6.05E-04	4.81E-11	14.00	4.71E-02	3.18E-11	1,000,000	3.18E-05
83	9.7802E-07	8.3249E-08	6.05E-04	5.04E-11	14.00	4.71E-02	3.32E-11	1,000,000	3.32E-05
84	9.7802E-07	8.368E-08	6.05E-04	5.06E-11	14.00	4.71E-02	3.34E-11	1,000,000	3.34E-05
85	9.7802E-07	8.3973E-08	6.05E-04	5.08E-11	14.00	4.71E-02	3.35E-11	1,000,000	3.35E-05
86	9.7802E-07	8.4266E-08	6.05E-04	5.10E-11	14.00	4.71E-02	3.37E-11	1,000,000	3.37E-05
87	9.7802E-07	8.4462E-08	6.05E-04	5.11E-11	14.00	4.71E-02	3.37E-11	1,000,000	3.37E-05
88	9.7802E-07	8.4579E-08	6.05E-04	5.12E-11	14.00	4.71E-02	3.38E-11	1,000,000	3.38E-05
89	9.7802E-07	8.4687E-08	6.05E-04	5.12E-11	14.00	4.71E-02	3.38E-11	1,000,000	3.38E-05
90	9.7802E-07	8.4687E-08	6.05E-04	5.12E-11	14.00	4.71E-02	3.38E-11	1,000,000	3.38E-05
91	9.7802E-07	8.4589E-08	6.05E-04	5.12E-11	14.00	4.71E-02	3.38E-11	1,000,000	3.38E-05
92	9.7802E-07	8.3797E-08	6.05E-04	5.07E-11	14.00	4.71E-02	3.35E-11	1,000,000	3.35E-05
93	9.7802E-07	8.3445E-08	6.05E-04	5.05E-11	14.00	4.71E-02	3.33E-11	1,000,000	3.33E-05
94	9.7802E-07	8.3103E-08	6.05E-04	5.03E-11	14.00	4.71E-02	3.32E-11	1,000,000	3.32E-05
95	9.7802E-07	8.2682E-08	6.05E-04	5.00E-11	14.00	4.71E-02	3.30E-11	1,000,000	3.30E-05
96	9.7802E-07	8.2232E-08	6.05E-04	4.98E-11	14.00	4.71E-02	3.28E-11	1,000,000	3.28E-05
97	9.7802E-07	8.1792E-08	6.05E-04	4.95E-11	14.00	4.71E-02	3.27E-11	1,000,000	3.27E-05
98	9.7802E-07	8.5626E-08	6.05E-04	5.18E-11	14.00	4.71E-02	3.42E-11	1,000,000	3.42E-05
99	9.7802E-07	8.5949E-08	6.05E-04	5.20E-11	14.00	4.71E-02	3.43E-11	1,000,000	3.43E-05

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 5

	Cancer Risk from 2 to 14 years								
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
100	9.7802E-07	8.6252E-08	6.05E-04	5.22E-11	14.00	4.71E-02	3.44E-11	1,000,000	3.44E-05
101	9.7802E-07	8.6565E-08	6.05E-04	5.24E-11	14.00	4.71E-02	3.46E-11	1,000,000	3.46E-05
102	9.7802E-07	8.6721E-08	6.05E-04	5.25E-11	14.00	4.71E-02	3.46E-11	1,000,000	3.46E-05
103	9.7802E-07	8.6829E-08	6.05E-04	5.25E-11	14.00	4.71E-02	3.47E-11	1,000,000	3.47E-05
104	9.7802E-07	8.6907E-08	6.05E-04	5.26E-11	14.00	4.71E-02	3.47E-11	1,000,000	3.47E-05
105	9.7802E-07	8.6829E-08	6.05E-04	5.25E-11	14.00	4.71E-02	3.47E-11	1,000,000	3.47E-05
106	9.7802E-07	8.6105E-08	6.05E-04	5.21E-11	14.00	4.71E-02	3.44E-11	1,000,000	3.44E-05
107	9.7802E-07	8.5792E-08	6.05E-04	5.19E-11	14.00	4.71E-02	3.43E-11	1,000,000	3.43E-05
108	9.7802E-07	8.545E-08	6.05E-04	5.17E-11	14.00	4.71E-02	3.41E-11	1,000,000	3.41E-05
109	9.7802E-07	8.5059E-08	6.05E-04	5.15E-11	14.00	4.71E-02	3.40E-11	1,000,000	3.40E-05
110	9.7802E-07	8.4619E-08	6.05E-04	5.12E-11	14.00	4.71E-02	3.38E-11	1,000,000	3.38E-05
111	9.7802E-07	8.4188E-08	6.05E-04	5.09E-11	14.00	4.71E-02	3.36E-11	1,000,000	3.36E-05
112	9.7802E-07	8.8003E-08	6.05E-04	5.32E-11	14.00	4.71E-02	3.51E-11	1,000,000	3.51E-05
113	9.7802E-07	8.8355E-08	6.05E-04	5.35E-11	14.00	4.71E-02	3.53E-11	1,000,000	3.53E-05
114	9.7802E-07	8.8707E-08	6.05E-04	5.37E-11	14.00	4.71E-02	3.54E-11	1,000,000	3.54E-05
115	9.7802E-07	8.8941E-08	6.05E-04	5.38E-11	14.00	4.71E-02	3.55E-11	1,000,000	3.55E-05
116	9.7802E-07	8.9069E-08	6.05E-04	5.39E-11	14.00	4.71E-02	3.56E-11	1,000,000	3.56E-05
117	9.7802E-07	8.9176E-08	6.05E-04	5.40E-11	14.00	4.71E-02	3.56E-11	1,000,000	3.56E-05
118	9.7802E-07	8.9186E-08	6.05E-04	5.40E-11	14.00	4.71E-02	3.56E-11	1,000,000	3.56E-05
119	9.7802E-07	8.9078E-08	6.05E-04	5.39E-11	14.00	4.71E-02	3.56E-11	1,000,000	3.56E-05
120	9.7802E-07	8.8482E-08	6.05E-04	5.35E-11	14.00	4.71E-02	3.53E-11	1,000,000	3.53E-05
121	9.7802E-07	8.8237E-08	6.05E-04	5.34E-11	14.00	4.71E-02	3.52E-11	1,000,000	3.52E-05
122	9.7802E-07	8.7885E-08	6.05E-04	5.32E-11	14.00	4.71E-02	3.51E-11	1,000,000	3.51E-05
123	9.7802E-07	8.7523E-08	6.05E-04	5.30E-11	14.00	4.71E-02	3.50E-11	1,000,000	3.50E-05
124	9.7802E-07	8.7103E-08	6.05E-04	5.27E-11	14.00	4.71E-02	3.48E-11	1,000,000	3.48E-05
125	9.7802E-07	8.6672E-08	6.05E-04	5.24E-11	14.00	4.71E-02	3.46E-11	1,000,000	3.46E-05
126	9.7802E-07	9.0154E-08	6.05E-04	5.45E-11	14.00	4.71E-02	3.60E-11	1,000,000	3.60E-05
127	9.7802E-07	9.0555E-08	6.05E-04	5.48E-11	14.00	4.71E-02	3.62E-11	1,000,000	3.62E-05
128	9.7802E-07	9.0897E-08	6.05E-04	5.50E-11	14.00	4.71E-02	3.63E-11	1,000,000	3.63E-05
129	9.7802E-07	9.123E-08	6.05E-04	5.52E-11	14.00	4.71E-02	3.64E-11	1,000,000	3.64E-05
130	9.7802E-07	9.1406E-08	6.05E-04	5.53E-11	14.00	4.71E-02	3.65E-11	1,000,000	3.65E-05
131	9.7802E-07	9.1523E-08	6.05E-04	5.54E-11	14.00	4.71E-02	3.65E-11	1,000,000	3.65E-05
132	9.7802E-07	9.1611E-08	6.05E-04	5.54E-11	14.00	4.71E-02	3.66E-11	1,000,000	3.66E-05

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 5

	Cancer Risk from 2 to 14 years								
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
133	9.7802E-07	9.1533E-08	6.05E-04	5.54E-11	14.00	4.71E-02	3.66E-11	1,000,000	3.66E-05
134	9.7802E-07	9.0849E-08	6.05E-04	5.50E-11	14.00	4.71E-02	3.63E-11	1,000,000	3.63E-05
135	9.7802E-07	9.0487E-08	6.05E-04	5.48E-11	14.00	4.71E-02	3.61E-11	1,000,000	3.61E-05
136	9.7802E-07	9.0095E-08	6.05E-04	5.45E-11	14.00	4.71E-02	3.60E-11	1,000,000	3.60E-05
137	9.7802E-07	8.9695E-08	6.05E-04	5.43E-11	14.00	4.71E-02	3.58E-11	1,000,000	3.58E-05
138	9.7802E-07	8.9294E-08	6.05E-04	5.40E-11	14.00	4.71E-02	3.57E-11	1,000,000	3.57E-05
139	9.7802E-07	9.2824E-08	6.05E-04	5.62E-11	14.00	4.71E-02	3.71E-11	1,000,000	3.71E-05
140	9.7802E-07	9.3196E-08	6.05E-04	5.64E-11	14.00	4.71E-02	3.72E-11	1,000,000	3.72E-05
141	9.7802E-07	9.3558E-08	6.05E-04	5.66E-11	14.00	4.71E-02	3.74E-11	1,000,000	3.74E-05
142	9.7802E-07	9.3822E-08	6.05E-04	5.68E-11	14.00	4.71E-02	3.75E-11	1,000,000	3.75E-05
143	9.7802E-07	9.3959E-08	6.05E-04	5.69E-11	14.00	4.71E-02	3.75E-11	1,000,000	3.75E-05
144	9.7802E-07	9.4076E-08	6.05E-04	5.69E-11	14.00	4.71E-02	3.76E-11	1,000,000	3.76E-05
145	9.7802E-07	9.4096E-08	6.05E-04	5.69E-11	14.00	4.71E-02	3.76E-11	1,000,000	3.76E-05
146	9.7802E-07	9.3998E-08	6.05E-04	5.69E-11	14.00	4.71E-02	3.75E-11	1,000,000	3.75E-05
147	9.7802E-07	9.3499E-08	6.05E-04	5.66E-11	14.00	4.71E-02	3.73E-11	1,000,000	3.73E-05
148	9.7802E-07	9.3176E-08	6.05E-04	5.64E-11	14.00	4.71E-02	3.72E-11	1,000,000	3.72E-05
149	9.7802E-07	9.2805E-08	6.05E-04	5.62E-11	14.00	4.71E-02	3.71E-11	1,000,000	3.71E-05
150	9.7802E-07	9.2413E-08	6.05E-04	5.59E-11	14.00	4.71E-02	3.69E-11	1,000,000	3.69E-05
151	9.7802E-07	9.2003E-08	6.05E-04	5.57E-11	14.00	4.71E-02	3.67E-11	1,000,000	3.67E-05
152	9.7802E-07	9.5132E-08	6.05E-04	5.76E-11	14.00	4.71E-02	3.80E-11	1,000,000	3.80E-05
153	9.7802E-07	9.5582E-08	6.05E-04	5.78E-11	14.00	4.71E-02	3.82E-11	1,000,000	3.82E-05
154	9.7802E-07	9.5964E-08	6.05E-04	5.81E-11	14.00	4.71E-02	3.83E-11	1,000,000	3.83E-05
155	9.7802E-07	9.6316E-08	6.05E-04	5.83E-11	14.00	4.71E-02	3.85E-11	1,000,000	3.85E-05
156	9.7802E-07	9.6521E-08	6.05E-04	5.84E-11	14.00	4.71E-02	3.85E-11	1,000,000	3.85E-05
157	9.7802E-07	9.6648E-08	6.05E-04	5.85E-11	14.00	4.71E-02	3.86E-11	1,000,000	3.86E-05
158	9.7802E-07	9.6717E-08	6.05E-04	5.85E-11	14.00	4.71E-02	3.86E-11	1,000,000	3.86E-05
159	9.7802E-07	9.6717E-08	6.05E-04	5.85E-11	14.00	4.71E-02	3.86E-11	1,000,000	3.86E-05
160	9.7802E-07	9.6658E-08	6.05E-04	5.85E-11	14.00	4.71E-02	3.86E-11	1,000,000	3.86E-05
161	9.7802E-07	9.6502E-08	6.05E-04	5.84E-11	14.00	4.71E-02	3.85E-11	1,000,000	3.85E-05
162	9.7802E-07	9.6306E-08	6.05E-04	5.83E-11	14.00	4.71E-02	3.85E-11	1,000,000	3.85E-05
163	9.7802E-07	9.6032E-08	6.05E-04	5.81E-11	14.00	4.71E-02	3.83E-11	1,000,000	3.83E-05
164	9.7802E-07	9.568E-08	6.05E-04	5.79E-11	14.00	4.71E-02	3.82E-11	1,000,000	3.82E-05
165	9.7802E-07	9.524E-08	6.05E-04	5.76E-11	14.00	4.71E-02	3.80E-11	1,000,000	3.80E-05

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 5

					Cancer Risk from 2 to 14 years				
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
166	9.7802E-07	9.4819E-08	6.05E-04	5.74E-11	14.00	4.71E-02	3.79E-11	1,000,000	3.79E-05
167	9.7802E-07	9.8047E-08	6.05E-04	5.93E-11	14.00	4.71E-02	3.92E-11	1,000,000	3.92E-05
168	9.7802E-07	9.8477E-08	6.05E-04	5.96E-11	14.00	4.71E-02	3.93E-11	1,000,000	3.93E-05
169	9.7802E-07	9.8859E-08	6.05E-04	5.98E-11	14.00	4.71E-02	3.95E-11	1,000,000	3.95E-05
170	9.7802E-07	9.9181E-08	6.05E-04	6.00E-11	14.00	4.71E-02	3.96E-11	1,000,000	3.96E-05
171	9.7802E-07	9.9357E-08	6.05E-04	6.01E-11	14.00	4.71E-02	3.97E-11	1,000,000	3.97E-05
172	9.7802E-07	9.9494E-08	6.05E-04	6.02E-11	14.00	4.71E-02	3.97E-11	1,000,000	3.97E-05
173	9.7802E-07	9.9582E-08	6.05E-04	6.03E-11	14.00	4.71E-02	3.98E-11	1,000,000	3.98E-05
174	9.7802E-07	9.9592E-08	6.05E-04	6.03E-11	14.00	4.71E-02	3.98E-11	1,000,000	3.98E-05
175	9.7802E-07	9.9455E-08	6.05E-04	6.02E-11	14.00	4.71E-02	3.97E-11	1,000,000	3.97E-05
176	9.7802E-07	9.9269E-08	6.05E-04	6.01E-11	14.00	4.71E-02	3.96E-11	1,000,000	3.96E-05
177	9.7802E-07	9.8996E-08	6.05E-04	5.99E-11	14.00	4.71E-02	3.95E-11	1,000,000	3.95E-05
178	9.7802E-07	9.8643E-08	6.05E-04	5.97E-11	14.00	4.71E-02	3.94E-11	1,000,000	3.94E-05
179	9.7802E-07	9.8203E-08	6.05E-04	5.94E-11	14.00	4.71E-02	3.92E-11	1,000,000	3.92E-05
180	9.7802E-07	9.7783E-08	6.05E-04	5.92E-11	14.00	4.71E-02	3.90E-11	1,000,000	3.90E-05
181	9.7802E-07	1.0047E-07	6.05E-04	6.08E-11	14.00	4.71E-02	4.01E-11	1,000,000	4.01E-05
182	9.7802E-07	1.0107E-07	6.05E-04	6.12E-11	14.00	4.71E-02	4.04E-11	1,000,000	4.04E-05
183	9.7802E-07	1.015E-07	6.05E-04	6.14E-11	14.00	4.71E-02	4.05E-11	1,000,000	4.05E-05
184	9.7802E-07	1.0189E-07	6.05E-04	6.17E-11	14.00	4.71E-02	4.07E-11	1,000,000	4.07E-05
185	9.7802E-07	1.0217E-07	6.05E-04	6.18E-11	14.00	4.71E-02	4.08E-11	1,000,000	4.08E-05
186	9.7802E-07	1.0236E-07	6.05E-04	6.19E-11	14.00	4.71E-02	4.09E-11	1,000,000	4.09E-05
187	9.7802E-07	1.0249E-07	6.05E-04	6.20E-11	14.00	4.71E-02	4.09E-11	1,000,000	4.09E-05
188	9.7802E-07	1.0252E-07	6.05E-04	6.20E-11	14.00	4.71E-02	4.09E-11	1,000,000	4.09E-05
189	9.7802E-07	1.0244E-07	6.05E-04	6.20E-11	14.00	4.71E-02	4.09E-11	1,000,000	4.09E-05
190	9.7802E-07	1.0227E-07	6.05E-04	6.19E-11	14.00	4.71E-02	4.08E-11	1,000,000	4.08E-05
191	9.7802E-07	1.0203E-07	6.05E-04	6.17E-11	14.00	4.71E-02	4.07E-11	1,000,000	4.07E-05
192	9.7802E-07	1.0171E-07	6.05E-04	6.15E-11	14.00	4.71E-02	4.06E-11	1,000,000	4.06E-05
193	9.7802E-07	1.0131E-07	6.05E-04	6.13E-11	14.00	4.71E-02	4.05E-11	1,000,000	4.05E-05
194	9.7802E-07	1.0092E-07	6.05E-04	6.11E-11	14.00	4.71E-02	4.03E-11	1,000,000	4.03E-05
195	9.7802E-07	1.0377E-07	6.05E-04	6.28E-11	14.00	4.71E-02	4.14E-11	1,000,000	4.14E-05
196	9.7802E-07	1.0425E-07	6.05E-04	6.31E-11	14.00	4.71E-02	4.16E-11	1,000,000	4.16E-05
197	9.7802E-07	1.0468E-07	6.05E-04	6.33E-11	14.00	4.71E-02	4.18E-11	1,000,000	4.18E-05
198	9.7802E-07	1.051E-07	6.05E-04	6.36E-11	14.00	4.71E-02	4.20E-11	1,000,000	4.20E-05

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 5

	Cancer Risk from 2 to 14 years								
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
199	9.7802E-07	1.0537E-07	6.05E-04	6.38E-11	14.00	4.71E-02	4.21E-11	1,000,000	4.21E-05
200	9.7802E-07	1.0555E-07	6.05E-04	6.39E-11	14.00	4.71E-02	4.22E-11	1,000,000	4.22E-05
201	9.7802E-07	1.0562E-07	6.05E-04	6.39E-11	14.00	4.71E-02	4.22E-11	1,000,000	4.22E-05
202	9.7802E-07	1.0559E-07	6.05E-04	6.39E-11	14.00	4.71E-02	4.22E-11	1,000,000	4.22E-05
203	9.7802E-07	1.0547E-07	6.05E-04	6.38E-11	14.00	4.71E-02	4.21E-11	1,000,000	4.21E-05
204	9.7802E-07	1.0527E-07	6.05E-04	6.37E-11	14.00	4.71E-02	4.20E-11	1,000,000	4.20E-05
205	9.7802E-07	1.05E-07	6.05E-04	6.35E-11	14.00	4.71E-02	4.19E-11	1,000,000	4.19E-05
206	9.7802E-07	1.0462E-07	6.05E-04	6.33E-11	14.00	4.71E-02	4.18E-11	1,000,000	4.18E-05
207	9.7802E-07	1.0422E-07	6.05E-04	6.31E-11	14.00	4.71E-02	4.16E-11	1,000,000	4.16E-05
208	9.7802E-07	1.0712E-07	6.05E-04	6.48E-11	14.00	4.71E-02	4.28E-11	1,000,000	4.28E-05
209	9.7802E-07	1.0761E-07	6.05E-04	6.51E-11	14.00	4.71E-02	4.30E-11	1,000,000	4.30E-05
210	9.7802E-07	1.0806E-07	6.05E-04	6.54E-11	14.00	4.71E-02	4.32E-11	1,000,000	4.32E-05
211	9.7802E-07	1.0844E-07	6.05E-04	6.56E-11	14.00	4.71E-02	4.33E-11	1,000,000	4.33E-05
212	9.7802E-07	1.087E-07	6.05E-04	6.58E-11	14.00	4.71E-02	4.34E-11	1,000,000	4.34E-05
213	9.7802E-07	1.0884E-07	6.05E-04	6.59E-11	14.00	4.71E-02	4.35E-11	1,000,000	4.35E-05
214	9.7802E-07	1.0889E-07	6.05E-04	6.59E-11	14.00	4.71E-02	4.35E-11	1,000,000	4.35E-05
215	9.7802E-07	1.0886E-07	6.05E-04	6.59E-11	14.00	4.71E-02	4.35E-11	1,000,000	4.35E-05
216	9.7802E-07	1.0871E-07	6.05E-04	6.58E-11	14.00	4.71E-02	4.34E-11	1,000,000	4.34E-05
217	9.7802E-07	1.0845E-07	6.05E-04	6.56E-11	14.00	4.71E-02	4.33E-11	1,000,000	4.33E-05
218	9.7802E-07	1.0809E-07	6.05E-04	6.54E-11	14.00	4.71E-02	4.32E-11	1,000,000	4.32E-05
219	9.7802E-07	1.0768E-07	6.05E-04	6.52E-11	14.00	4.71E-02	4.30E-11	1,000,000	4.30E-05
220	9.7802E-07	1.1192E-07	6.05E-04	6.77E-11	14.00	4.71E-02	4.47E-11	1,000,000	4.47E-05
221	9.7802E-07	1.1215E-07	6.05E-04	6.79E-11	14.00	4.71E-02	4.48E-11	1,000,000	4.48E-05
222	9.7802E-07	1.1227E-07	6.05E-04	6.79E-11	14.00	4.71E-02	4.48E-11	1,000,000	4.48E-05
223	9.7802E-07	1.1229E-07	6.05E-04	6.79E-11	14.00	4.71E-02	4.48E-11	1,000,000	4.48E-05
224	9.7802E-07	1.122E-07	6.05E-04	6.79E-11	14.00	4.71E-02	4.48E-11	1,000,000	4.48E-05
225	9.7802E-07	1.1199E-07	6.05E-04	6.78E-11	14.00	4.71E-02	4.47E-11	1,000,000	4.47E-05
226	9.7802E-07	1.117E-07	6.05E-04	6.76E-11	14.00	4.71E-02	4.46E-11	1,000,000	4.46E-05
227	9.7802E-07	1.1135E-07	6.05E-04	6.74E-11	14.00	4.71E-02	4.45E-11	1,000,000	4.45E-05
228	9.7802E-07	1.1567E-07	6.05E-04	7.00E-11	14.00	4.71E-02	4.62E-11	1,000,000	4.62E-05
229	9.7802E-07	1.1588E-07	6.05E-04	7.01E-11	14.00	4.71E-02	4.63E-11	1,000,000	4.63E-05
230	9.7802E-07	1.1595E-07	6.05E-04	7.02E-11	14.00	4.71E-02	4.63E-11	1,000,000	4.63E-05
231	9.7802E-07	1.1594E-07	6.05E-04	7.02E-11	14.00	4.71E-02	4.63E-11	1,000,000	4.63E-05

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 5

					Cancer Risk from 2 to 14 years				
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
232	9.7802E-07	1.1579E-07	6.05E-04	7.01E-11	14.00	4.71E-02	4.62E-11	1,000,000	4.62E-05
233	9.7802E-07	1.1554E-07	6.05E-04	6.99E-11	14.00	4.71E-02	4.61E-11	1,000,000	4.61E-05
234	9.7802E-07	1.1523E-07	6.05E-04	6.97E-11	14.00	4.71E-02	4.60E-11	1,000,000	4.60E-05
235	9.7802E-07	1.0684E-07	6.05E-04	6.46E-11	14.00	4.71E-02	4.27E-11	1,000,000	4.27E-05
236	9.7802E-07	1.1042E-07	6.05E-04	6.68E-11	14.00	4.71E-02	4.41E-11	1,000,000	4.41E-05
237	9.7802E-07	1.1093E-07	6.05E-04	6.71E-11	14.00	4.71E-02	4.43E-11	1,000,000	4.43E-05
238	9.7802E-07	1.114E-07	6.05E-04	6.74E-11	14.00	4.71E-02	4.45E-11	1,000,000	4.45E-05
239	9.7802E-07	1.1419E-07	6.05E-04	6.91E-11	14.00	4.71E-02	4.56E-11	1,000,000	4.56E-05
240	9.7802E-07	1.1476E-07	6.05E-04	6.94E-11	14.00	4.71E-02	4.58E-11	1,000,000	4.58E-05
241	9.7802E-07	1.1518E-07	6.05E-04	6.97E-11	14.00	4.71E-02	4.60E-11	1,000,000	4.60E-05
242	9.7802E-07	1.1554E-07	6.05E-04	6.99E-11	14.00	4.71E-02	4.61E-11	1,000,000	4.61E-05

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 5

	Cancer Risk from 2 to 14 years								
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
243	9.7802E-07	2.3397E-07	6.05E-04	1.42E-10	14.00	4.71E-02	9.34E-11	1,000,000	9.34E-05
244	9.7802E-07	2.422E-07	6.05E-04	1.47E-10	14.00	4.71E-02	9.67E-11	1,000,000	9.67E-05
245	9.7802E-07	2.5036E-07	6.05E-04	1.51E-10	14.00	4.71E-02	1.00E-10	1,000,000	1.00E-04
246	9.7802E-07	2.5835E-07	6.05E-04	1.56E-10	14.00	4.71E-02	1.03E-10	1,000,000	1.03E-04
247	9.7802E-07	2.6626E-07	6.05E-04	1.61E-10	14.00	4.71E-02	1.06E-10	1,000,000	1.06E-04
248	9.7802E-07	2.7393E-07	6.05E-04	1.66E-10	14.00	4.71E-02	1.09E-10	1,000,000	1.09E-04
249	9.7802E-07	2.8138E-07	6.05E-04	1.70E-10	14.00	4.71E-02	1.12E-10	1,000,000	1.12E-04
250	9.7802E-07	2.8846E-07	6.05E-04	1.75E-10	14.00	4.71E-02	1.15E-10	1,000,000	1.15E-04
251	9.7802E-07	2.9507E-07	6.05E-04	1.79E-10	14.00	4.71E-02	1.18E-10	1,000,000	1.18E-04
252	9.7802E-07	2.2381E-07	6.05E-04	1.35E-10	14.00	4.71E-02	8.94E-11	1,000,000	8.94E-05
253	9.7802E-07	2.3228E-07	6.05E-04	1.41E-10	14.00	4.71E-02	9.28E-11	1,000,000	9.28E-05
254	9.7802E-07	2.4098E-07	6.05E-04	1.46E-10	14.00	4.71E-02	9.62E-11	1,000,000	9.62E-05
255	9.7802E-07	2.4987E-07	6.05E-04	1.51E-10	14.00	4.71E-02	9.98E-11	1,000,000	9.98E-05
256	9.7802E-07	2.5879E-07	6.05E-04	1.57E-10	14.00	4.71E-02	1.03E-10	1,000,000	1.03E-04
257	9.7802E-07	2.6785E-07	6.05E-04	1.62E-10	14.00	4.71E-02	1.07E-10	1,000,000	1.07E-04
258	9.7802E-07	2.7674E-07	6.05E-04	1.67E-10	14.00	4.71E-02	1.11E-10	1,000,000	1.11E-04
259	9.7802E-07	2.8559E-07	6.05E-04	1.73E-10	14.00	4.71E-02	1.14E-10	1,000,000	1.14E-04
260	9.7802E-07	2.9415E-07	6.05E-04	1.78E-10	14.00	4.71E-02	1.17E-10	1,000,000	1.17E-04
261	9.7802E-07	3.0233E-07	6.05E-04	1.83E-10	14.00	4.71E-02	1.21E-10	1,000,000	1.21E-04
262	9.7802E-07	3.0991E-07	6.05E-04	1.88E-10	14.00	4.71E-02	1.24E-10	1,000,000	1.24E-04
263	9.7802E-07	2.2924E-07	6.05E-04	1.39E-10	14.00	4.71E-02	9.15E-11	1,000,000	9.15E-05
264	9.7802E-07	2.3855E-07	6.05E-04	1.44E-10	14.00	4.71E-02	9.53E-11	1,000,000	9.53E-05
265	9.7802E-07	2.48E-07	6.05E-04	1.50E-10	14.00	4.71E-02	9.90E-11	1,000,000	9.90E-05
266	9.7802E-07	2.5777E-07	6.05E-04	1.56E-10	14.00	4.71E-02	1.03E-10	1,000,000	1.03E-04
267	9.7802E-07	2.6765E-07	6.05E-04	1.62E-10	14.00	4.71E-02	1.07E-10	1,000,000	1.07E-04
268	9.7802E-07	2.7774E-07	6.05E-04	1.68E-10	14.00	4.71E-02	1.11E-10	1,000,000	1.11E-04
269	9.7802E-07	2.8769E-07	6.05E-04	1.74E-10	14.00	4.71E-02	1.15E-10	1,000,000	1.15E-04
270	9.7802E-07	2.9765E-07	6.05E-04	1.80E-10	14.00	4.71E-02	1.19E-10	1,000,000	1.19E-04
271	9.7802E-07	3.0731E-07	6.05E-04	1.86E-10	14.00	4.71E-02	1.23E-10	1,000,000	1.23E-04
272	9.7802E-07	3.1667E-07	6.05E-04	1.92E-10	14.00	4.71E-02	1.26E-10	1,000,000	1.26E-04
273	9.7802E-07	3.2555E-07	6.05E-04	1.97E-10	14.00	4.71E-02	1.30E-10	1,000,000	1.30E-04
274	9.7802E-07	3.3444E-07	6.05E-04	2.02E-10	14.00	4.71E-02	1.34E-10	1,000,000	1.34E-04
275	9.7802E-07	2.3479E-07	6.05E-04	1.42E-10	14.00	4.71E-02	9.38E-11	1,000,000	9.38E-05

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 5

	Cancer Risk from 2 to 14 years								
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
276	9.7802E-07	2.4473E-07	6.05E-04	1.48E-10	14.00	4.71E-02	9.77E-11	1,000,000	9.77E-05
277	9.7802E-07	2.5506E-07	6.05E-04	1.54E-10	14.00	4.71E-02	1.02E-10	1,000,000	1.02E-04
278	9.7802E-07	2.6573E-07	6.05E-04	1.61E-10	14.00	4.71E-02	1.06E-10	1,000,000	1.06E-04
279	9.7802E-07	2.7665E-07	6.05E-04	1.67E-10	14.00	4.71E-02	1.10E-10	1,000,000	1.10E-04
280	9.7802E-07	2.8777E-07	6.05E-04	1.74E-10	14.00	4.71E-02	1.15E-10	1,000,000	1.15E-04
281	9.7802E-07	2.9906E-07	6.05E-04	1.81E-10	14.00	4.71E-02	1.19E-10	1,000,000	1.19E-04
282	9.7802E-07	3.1019E-07	6.05E-04	1.88E-10	14.00	4.71E-02	1.24E-10	1,000,000	1.24E-04
283	9.7802E-07	3.2115E-07	6.05E-04	1.94E-10	14.00	4.71E-02	1.28E-10	1,000,000	1.28E-04
284	9.7802E-07	3.3191E-07	6.05E-04	2.01E-10	14.00	4.71E-02	1.33E-10	1,000,000	1.33E-04
285	9.7802E-07	3.4235E-07	6.05E-04	2.07E-10	14.00	4.71E-02	1.37E-10	1,000,000	1.37E-04
286	9.7802E-07	3.5232E-07	6.05E-04	2.13E-10	14.00	4.71E-02	1.41E-10	1,000,000	1.41E-04
287	9.7802E-07	2.403E-07	6.05E-04	1.45E-10	14.00	4.71E-02	9.60E-11	1,000,000	9.60E-05
288	9.7802E-07	2.5102E-07	6.05E-04	1.52E-10	14.00	4.71E-02	1.00E-10	1,000,000	1.00E-04
289	9.7802E-07	2.6226E-07	6.05E-04	1.59E-10	14.00	4.71E-02	1.05E-10	1,000,000	1.05E-04
290	9.7802E-07	2.7386E-07	6.05E-04	1.66E-10	14.00	4.71E-02	1.09E-10	1,000,000	1.09E-04
291	9.7802E-07	2.8586E-07	6.05E-04	1.73E-10	14.00	4.71E-02	1.14E-10	1,000,000	1.14E-04
292	9.7802E-07	2.9803E-07	6.05E-04	1.80E-10	14.00	4.71E-02	1.19E-10	1,000,000	1.19E-04
293	9.7802E-07	3.1051E-07	6.05E-04	1.88E-10	14.00	4.71E-02	1.24E-10	1,000,000	1.24E-04
294	9.7802E-07	3.2296E-07	6.05E-04	1.95E-10	14.00	4.71E-02	1.29E-10	1,000,000	1.29E-04
295	9.7802E-07	3.3533E-07	6.05E-04	2.03E-10	14.00	4.71E-02	1.34E-10	1,000,000	1.34E-04
296	9.7802E-07	3.4761E-07	6.05E-04	2.10E-10	14.00	4.71E-02	1.39E-10	1,000,000	1.39E-04
297	9.7802E-07	3.5969E-07	6.05E-04	2.18E-10	14.00	4.71E-02	1.44E-10	1,000,000	1.44E-04
298	9.7802E-07	3.7125E-07	6.05E-04	2.25E-10	14.00	4.71E-02	1.48E-10	1,000,000	1.48E-04
299	9.7802E-07	2.4582E-07	6.05E-04	1.49E-10	14.00	4.71E-02	9.82E-11	1,000,000	9.82E-05
300	9.7802E-07	2.5726E-07	6.05E-04	1.56E-10	14.00	4.71E-02	1.03E-10	1,000,000	1.03E-04
301	9.7802E-07	2.6937E-07	6.05E-04	1.63E-10	14.00	4.71E-02	1.08E-10	1,000,000	1.08E-04
302	9.7802E-07	2.8198E-07	6.05E-04	1.71E-10	14.00	4.71E-02	1.13E-10	1,000,000	1.13E-04
303	9.7802E-07	2.9497E-07	6.05E-04	1.78E-10	14.00	4.71E-02	1.18E-10	1,000,000	1.18E-04
304	9.7802E-07	3.0857E-07	6.05E-04	1.87E-10	14.00	4.71E-02	1.23E-10	1,000,000	1.23E-04
305	9.7802E-07	3.2224E-07	6.05E-04	1.95E-10	14.00	4.71E-02	1.29E-10	1,000,000	1.29E-04
306	9.7802E-07	3.362E-07	6.05E-04	2.03E-10	14.00	4.71E-02	1.34E-10	1,000,000	1.34E-04
307	9.7802E-07	3.5019E-07	6.05E-04	2.12E-10	14.00	4.71E-02	1.40E-10	1,000,000	1.40E-04
308	9.7802E-07	3.6424E-07	6.05E-04	2.20E-10	14.00	4.71E-02	1.45E-10	1,000,000	1.45E-04

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 5

					Cancer Risk from 2 to 14 years				
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
309	9.7802E-07	3.7817E-07	6.05E-04	2.29E-10	14.00	4.71E-02	1.51E-10	1,000,000	1.51E-04
310	9.7802E-07	3.9142E-07	6.05E-04	2.37E-10	14.00	4.71E-02	1.56E-10	1,000,000	1.56E-04
311	9.7802E-07	2.5127E-07	6.05E-04	1.52E-10	14.00	4.71E-02	1.00E-10	1,000,000	1.00E-04
312	9.7802E-07	2.6343E-07	6.05E-04	1.59E-10	14.00	4.71E-02	1.05E-10	1,000,000	1.05E-04
313	9.7802E-07	2.7633E-07	6.05E-04	1.67E-10	14.00	4.71E-02	1.10E-10	1,000,000	1.10E-04
314	9.7802E-07	2.8994E-07	6.05E-04	1.75E-10	14.00	4.71E-02	1.16E-10	1,000,000	1.16E-04
315	9.7802E-07	3.043E-07	6.05E-04	1.84E-10	14.00	4.71E-02	1.22E-10	1,000,000	1.22E-04
316	9.7802E-07	3.1923E-07	6.05E-04	1.93E-10	14.00	4.71E-02	1.27E-10	1,000,000	1.27E-04
317	9.7802E-07	3.344E-07	6.05E-04	2.02E-10	14.00	4.71E-02	1.34E-10	1,000,000	1.34E-04
318	9.7802E-07	3.5003E-07	6.05E-04	2.12E-10	14.00	4.71E-02	1.40E-10	1,000,000	1.40E-04
319	9.7802E-07	3.6577E-07	6.05E-04	2.21E-10	14.00	4.71E-02	1.46E-10	1,000,000	1.46E-04
320	9.7802E-07	3.8175E-07	6.05E-04	2.31E-10	14.00	4.71E-02	1.52E-10	1,000,000	1.52E-04
321	9.7802E-07	3.9753E-07	6.05E-04	2.41E-10	14.00	4.71E-02	1.59E-10	1,000,000	1.59E-04
322	9.7802E-07	4.1293E-07	6.05E-04	2.50E-10	14.00	4.71E-02	1.65E-10	1,000,000	1.65E-04
323	9.7802E-07	2.5675E-07	6.05E-04	1.55E-10	14.00	4.71E-02	1.03E-10	1,000,000	1.03E-04
324	9.7802E-07	2.6973E-07	6.05E-04	1.63E-10	14.00	4.71E-02	1.08E-10	1,000,000	1.08E-04
325	9.7802E-07	2.8355E-07	6.05E-04	1.72E-10	14.00	4.71E-02	1.13E-10	1,000,000	1.13E-04
326	9.7802E-07	2.9848E-07	6.05E-04	1.81E-10	14.00	4.71E-02	1.19E-10	1,000,000	1.19E-04
327	9.7802E-07	3.1362E-07	6.05E-04	1.90E-10	14.00	4.71E-02	1.25E-10	1,000,000	1.25E-04
328	9.7802E-07	3.2983E-07	6.05E-04	2.00E-10	14.00	4.71E-02	1.32E-10	1,000,000	1.32E-04
329	9.7802E-07	3.4618E-07	6.05E-04	2.09E-10	14.00	4.71E-02	1.38E-10	1,000,000	1.38E-04
330	9.7802E-07	3.6397E-07	6.05E-04	2.20E-10	14.00	4.71E-02	1.45E-10	1,000,000	1.45E-04
331	9.7802E-07	3.8185E-07	6.05E-04	2.31E-10	14.00	4.71E-02	1.52E-10	1,000,000	1.52E-04
332	9.7802E-07	3.9988E-07	6.05E-04	2.42E-10	14.00	4.71E-02	1.60E-10	1,000,000	1.60E-04
333	9.7802E-07	4.1797E-07	6.05E-04	2.53E-10	14.00	4.71E-02	1.67E-10	1,000,000	1.67E-04
334	9.7802E-07	4.3622E-07	6.05E-04	2.64E-10	14.00	4.71E-02	1.74E-10	1,000,000	1.74E-04
335	9.7802E-07	2.6227E-07	6.05E-04	1.59E-10	14.00	4.71E-02	1.05E-10	1,000,000	1.05E-04
336	9.7802E-07	2.7604E-07	6.05E-04	1.67E-10	14.00	4.71E-02	1.10E-10	1,000,000	1.10E-04
337	9.7802E-07	2.9079E-07	6.05E-04	1.76E-10	14.00	4.71E-02	1.16E-10	1,000,000	1.16E-04
338	9.7802E-07	3.0674E-07	6.05E-04	1.86E-10	14.00	4.71E-02	1.22E-10	1,000,000	1.22E-04
339	9.7802E-07	3.2314E-07	6.05E-04	1.96E-10	14.00	4.71E-02	1.29E-10	1,000,000	1.29E-04
340	9.7802E-07	3.4077E-07	6.05E-04	2.06E-10	14.00	4.71E-02	1.36E-10	1,000,000	1.36E-04
341	9.7802E-07	3.5883E-07	6.05E-04	2.17E-10	14.00	4.71E-02	1.43E-10	1,000,000	1.43E-04

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 5

	Cancer Risk 14 to 30 years												
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million	Total Risk		Max	Receptor #
1	9.78E-07	7.6423E-08	2.50E-04	1.91E-11	1.40E+01	1.15E-02	3.07E-12	1.0E+06	3.1E-06	6.0E-05	Res	0.000	1
2	9.7802E-07	7.3792E-08	2.50E-04	1.85E-11	14.00	1.15E-02	2.97E-12	1,000,000	2.97E-06	5.8E-05			
3	9.7802E-07	7.4291E-08	2.50E-04	1.86E-11	14.00	1.15E-02	2.99E-12	1,000,000	2.99E-06	5.8E-05			
4	9.7802E-07	7.5327E-08	2.50E-04	1.89E-11	14.00	1.15E-02	3.03E-12	1,000,000	3.03E-06	5.9E-05			
5	9.7802E-07	7.6286E-08	2.50E-04	1.91E-11	14.00	1.15E-02	3.07E-12	1,000,000	3.07E-06	6.0E-05			
6	9.7802E-07	7.6873E-08	2.50E-04	1.92E-11	14.00	1.15E-02	3.09E-12	1,000,000	3.09E-06	6.0E-05			
7	9.7802E-07	7.7958E-08	2.50E-04	1.95E-11	14.00	1.15E-02	3.13E-12	1,000,000	3.13E-06	6.1E-05			
8	9.7802E-07	6.8716E-08	2.50E-04	1.72E-11	14.00	1.15E-02	2.76E-12	1,000,000	2.76E-06	5.4E-05			
9	9.7802E-07	6.8452E-08	2.50E-04	1.71E-11	14.00	1.15E-02	2.75E-12	1,000,000	2.75E-06	5.4E-05			
10	9.7802E-07	6.81E-08	2.50E-04	1.70E-11	14.00	1.15E-02	2.74E-12	1,000,000	2.74E-06	5.3E-05			
11	9.7802E-07	6.7728E-08	2.50E-04	1.70E-11	14.00	1.15E-02	2.72E-12	1,000,000	2.72E-06	5.3E-05			
12	9.7802E-07	6.7366E-08	2.50E-04	1.69E-11	14.00	1.15E-02	2.71E-12	1,000,000	2.71E-06	5.3E-05			
13	9.7802E-07	6.6985E-08	2.50E-04	1.68E-11	14.00	1.15E-02	2.69E-12	1,000,000	2.69E-06	5.2E-05			
14	9.7802E-07	6.6603E-08	2.50E-04	1.67E-11	14.00	1.15E-02	2.68E-12	1,000,000	2.68E-06	5.2E-05			
15	9.7802E-07	6.6202E-08	2.50E-04	1.66E-11	14.00	1.15E-02	2.66E-12	1,000,000	2.66E-06	5.2E-05			
16	9.7802E-07	7.0437E-08	2.50E-04	1.76E-11	14.00	1.15E-02	2.83E-12	1,000,000	2.83E-06	5.5E-05			
17	9.7802E-07	7.0163E-08	2.50E-04	1.76E-11	14.00	1.15E-02	2.82E-12	1,000,000	2.82E-06	5.5E-05			
18	9.7802E-07	6.9802E-08	2.50E-04	1.75E-11	14.00	1.15E-02	2.81E-12	1,000,000	2.81E-06	5.5E-05			
19	9.7802E-07	6.943E-08	2.50E-04	1.74E-11	14.00	1.15E-02	2.79E-12	1,000,000	2.79E-06	5.4E-05			
20	9.7802E-07	6.9068E-08	2.50E-04	1.73E-11	14.00	1.15E-02	2.78E-12	1,000,000	2.78E-06	5.4E-05			
21	9.7802E-07	6.8667E-08	2.50E-04	1.72E-11	14.00	1.15E-02	2.76E-12	1,000,000	2.76E-06	5.4E-05			
22	9.7802E-07	6.8266E-08	2.50E-04	1.71E-11	14.00	1.15E-02	2.74E-12	1,000,000	2.74E-06	5.3E-05			
23	9.7802E-07	6.7875E-08	2.50E-04	1.70E-11	14.00	1.15E-02	2.73E-12	1,000,000	2.73E-06	5.3E-05			
24	9.7802E-07	7.1582E-08	2.50E-04	1.79E-11	14.00	1.15E-02	2.88E-12	1,000,000	2.88E-06	5.6E-05			
25	9.7802E-07	7.121E-08	2.50E-04	1.78E-11	14.00	1.15E-02	2.86E-12	1,000,000	2.86E-06	5.6E-05			
26	9.7802E-07	7.0848E-08	2.50E-04	1.77E-11	14.00	1.15E-02	2.85E-12	1,000,000	2.85E-06	5.5E-05			
27	9.7802E-07	7.0447E-08	2.50E-04	1.76E-11	14.00	1.15E-02	2.83E-12	1,000,000	2.83E-06	5.5E-05			
28	9.7802E-07	7.0026E-08	2.50E-04	1.75E-11	14.00	1.15E-02	2.81E-12	1,000,000	2.81E-06	5.5E-05			
29	9.7802E-07	6.9625E-08	2.50E-04	1.74E-11	14.00	1.15E-02	2.80E-12	1,000,000	2.80E-06	5.4E-05			
30	9.7802E-07	7.343E-08	2.50E-04	1.84E-11	14.00	1.15E-02	2.95E-12	1,000,000	2.95E-06	5.7E-05			
31	9.7802E-07	7.3049E-08	2.50E-04	1.83E-11	14.00	1.15E-02	2.94E-12	1,000,000	2.94E-06	5.7E-05			
32	9.7802E-07	7.2696E-08	2.50E-04	1.82E-11	14.00	1.15E-02	2.92E-12	1,000,000	2.92E-06	5.7E-05			
33	9.7802E-07	7.2286E-08	2.50E-04	1.81E-11	14.00	1.15E-02	2.91E-12	1,000,000	2.91E-06	5.7E-05			

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 5

	Cancer Risk 14 to 30 years												
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million	Total Risk		Max	Receptor #
34	9.7802E-07	7.1846E-08	2.50E-04	1.80E-11	14.00	1.15E-02	2.89E-12	1,000,000	2.89E-06	5.6E-05			
35	9.7802E-07	7.1445E-08	2.50E-04	1.79E-11	14.00	1.15E-02	2.87E-12	1,000,000	2.87E-06	5.6E-05			
36	9.7802E-07	7.5327E-08	2.50E-04	1.89E-11	14.00	1.15E-02	3.03E-12	1,000,000	3.03E-06	5.9E-05			
37	9.7802E-07	7.4956E-08	2.50E-04	1.88E-11	14.00	1.15E-02	3.01E-12	1,000,000	3.01E-06	5.9E-05			
38	9.7802E-07	7.4604E-08	2.50E-04	1.87E-11	14.00	1.15E-02	3.00E-12	1,000,000	3.00E-06	5.8E-05			
39	9.7802E-07	7.4183E-08	2.50E-04	1.86E-11	14.00	1.15E-02	2.98E-12	1,000,000	2.98E-06	5.8E-05			
40	9.7802E-07	7.3743E-08	2.50E-04	1.85E-11	14.00	1.15E-02	2.96E-12	1,000,000	2.96E-06	5.8E-05			
41	9.7802E-07	7.3332E-08	2.50E-04	1.84E-11	14.00	1.15E-02	2.95E-12	1,000,000	2.95E-06	5.7E-05			
42	9.7802E-07	7.8017E-08	2.50E-04	1.95E-11	14.00	1.15E-02	3.14E-12	1,000,000	3.14E-06	6.1E-05			
43	9.7802E-07	7.8203E-08	2.50E-04	1.96E-11	14.00	1.15E-02	3.14E-12	1,000,000	3.14E-06	6.1E-05			
44	9.7802E-07	7.8359E-08	2.50E-04	1.96E-11	14.00	1.15E-02	3.15E-12	1,000,000	3.15E-06	6.1E-05			
45	9.7802E-07	7.8467E-08	2.50E-04	1.96E-11	14.00	1.15E-02	3.15E-12	1,000,000	3.15E-06	6.1E-05			
46	9.7802E-07	7.8545E-08	2.50E-04	1.97E-11	14.00	1.15E-02	3.16E-12	1,000,000	3.16E-06	6.1E-05			
47	9.7802E-07	7.8604E-08	2.50E-04	1.97E-11	14.00	1.15E-02	3.16E-12	1,000,000	3.16E-06	6.1E-05			
48	9.7802E-07	7.8574E-08	2.50E-04	1.97E-11	14.00	1.15E-02	3.16E-12	1,000,000	3.16E-06	6.1E-05			
49	9.7802E-07	7.7313E-08	2.50E-04	1.93E-11	14.00	1.15E-02	3.11E-12	1,000,000	3.11E-06	6.0E-05			
50	9.7802E-07	7.6941E-08	2.50E-04	1.93E-11	14.00	1.15E-02	3.09E-12	1,000,000	3.09E-06	6.0E-05			
51	9.7802E-07	7.6579E-08	2.50E-04	1.92E-11	14.00	1.15E-02	3.08E-12	1,000,000	3.08E-06	6.0E-05			
52	9.7802E-07	7.6159E-08	2.50E-04	1.91E-11	14.00	1.15E-02	3.06E-12	1,000,000	3.06E-06	6.0E-05			
53	9.7802E-07	7.5719E-08	2.50E-04	1.90E-11	14.00	1.15E-02	3.04E-12	1,000,000	3.04E-06	5.9E-05			
54	9.7802E-07	7.5308E-08	2.50E-04	1.88E-11	14.00	1.15E-02	3.03E-12	1,000,000	3.03E-06	5.9E-05			
55	9.7802E-07	7.9347E-08	2.50E-04	1.99E-11	14.00	1.15E-02	3.19E-12	1,000,000	3.19E-06	6.2E-05			
56	9.7802E-07	7.9728E-08	2.50E-04	2.00E-11	14.00	1.15E-02	3.20E-12	1,000,000	3.20E-06	6.2E-05			
57	9.7802E-07	7.9973E-08	2.50E-04	2.00E-11	14.00	1.15E-02	3.21E-12	1,000,000	3.21E-06	6.3E-05			
58	9.7802E-07	8.0208E-08	2.50E-04	2.01E-11	14.00	1.15E-02	3.22E-12	1,000,000	3.22E-06	6.3E-05			
59	9.7802E-07	8.0354E-08	2.50E-04	2.01E-11	14.00	1.15E-02	3.23E-12	1,000,000	3.23E-06	6.3E-05			
60	9.7802E-07	8.0452E-08	2.50E-04	2.01E-11	14.00	1.15E-02	3.23E-12	1,000,000	3.23E-06	6.3E-05			
61	9.7802E-07	8.054E-08	2.50E-04	2.02E-11	14.00	1.15E-02	3.24E-12	1,000,000	3.24E-06	6.3E-05			
62	9.7802E-07	8.055E-08	2.50E-04	2.02E-11	14.00	1.15E-02	3.24E-12	1,000,000	3.24E-06	6.3E-05			
63	9.7802E-07	8.0462E-08	2.50E-04	2.01E-11	14.00	1.15E-02	3.23E-12	1,000,000	3.23E-06	6.3E-05			
64	9.7802E-07	7.9386E-08	2.50E-04	1.99E-11	14.00	1.15E-02	3.19E-12	1,000,000	3.19E-06	6.2E-05			
65	9.7802E-07	7.9005E-08	2.50E-04	1.98E-11	14.00	1.15E-02	3.18E-12	1,000,000	3.18E-06	6.2E-05			
66	9.7802E-07	7.8623E-08	2.50E-04	1.97E-11	14.00	1.15E-02	3.16E-12	1,000,000	3.16E-06	6.1E-05			

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 5

	Cancer Risk 14 to 30 years												
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million	Total Risk		Max	Receptor #
67	9.7802E-07	7.8232E-08	2.50E-04	1.96E-11	14.00	1.15E-02	3.14E-12	1,000,000	3.14E-06	6.1E-05			
68	9.7802E-07	7.7772E-08	2.50E-04	1.95E-11	14.00	1.15E-02	3.13E-12	1,000,000	3.13E-06	6.1E-05			
69	9.7802E-07	7.7352E-08	2.50E-04	1.94E-11	14.00	1.15E-02	3.11E-12	1,000,000	3.11E-06	6.0E-05			
70	9.7802E-07	8.1508E-08	2.50E-04	2.04E-11	14.00	1.15E-02	3.28E-12	1,000,000	3.28E-06	6.4E-05			
71	9.7802E-07	8.1792E-08	2.50E-04	2.05E-11	14.00	1.15E-02	3.29E-12	1,000,000	3.29E-06	6.4E-05			
72	9.7802E-07	8.2066E-08	2.50E-04	2.05E-11	14.00	1.15E-02	3.30E-12	1,000,000	3.30E-06	6.4E-05			
73	9.7802E-07	8.2291E-08	2.50E-04	2.06E-11	14.00	1.15E-02	3.31E-12	1,000,000	3.31E-06	6.4E-05			
74	9.7802E-07	8.2418E-08	2.50E-04	2.06E-11	14.00	1.15E-02	3.31E-12	1,000,000	3.31E-06	6.4E-05			
75	9.7802E-07	8.2506E-08	2.50E-04	2.06E-11	14.00	1.15E-02	3.32E-12	1,000,000	3.32E-06	6.4E-05			
76	9.7802E-07	8.2594E-08	2.50E-04	2.07E-11	14.00	1.15E-02	3.32E-12	1,000,000	3.32E-06	6.5E-05			
77	9.7802E-07	8.2535E-08	2.50E-04	2.07E-11	14.00	1.15E-02	3.32E-12	1,000,000	3.32E-06	6.5E-05			
78	9.7802E-07	8.1176E-08	2.50E-04	2.03E-11	14.00	1.15E-02	3.26E-12	1,000,000	3.26E-06	6.3E-05			
79	9.7802E-07	8.0824E-08	2.50E-04	2.02E-11	14.00	1.15E-02	3.25E-12	1,000,000	3.25E-06	6.3E-05			
80	9.7802E-07	8.0413E-08	2.50E-04	2.01E-11	14.00	1.15E-02	3.23E-12	1,000,000	3.23E-06	6.3E-05			
81	9.7802E-07	7.9953E-08	2.50E-04	2.00E-11	14.00	1.15E-02	3.21E-12	1,000,000	3.21E-06	6.2E-05			
82	9.7802E-07	7.9523E-08	2.50E-04	1.99E-11	14.00	1.15E-02	3.20E-12	1,000,000	3.20E-06	6.2E-05			
83	9.7802E-07	8.3249E-08	2.50E-04	2.08E-11	14.00	1.15E-02	3.35E-12	1,000,000	3.35E-06	6.5E-05			
84	9.7802E-07	8.368E-08	2.50E-04	2.09E-11	14.00	1.15E-02	3.36E-12	1,000,000	3.36E-06	6.5E-05			
85	9.7802E-07	8.3973E-08	2.50E-04	2.10E-11	14.00	1.15E-02	3.38E-12	1,000,000	3.38E-06	6.6E-05			
86	9.7802E-07	8.4266E-08	2.50E-04	2.11E-11	14.00	1.15E-02	3.39E-12	1,000,000	3.39E-06	6.6E-05			
87	9.7802E-07	8.4462E-08	2.50E-04	2.11E-11	14.00	1.15E-02	3.39E-12	1,000,000	3.39E-06	6.6E-05			
88	9.7802E-07	8.4579E-08	2.50E-04	2.12E-11	14.00	1.15E-02	3.40E-12	1,000,000	3.40E-06	6.6E-05			
89	9.7802E-07	8.4687E-08	2.50E-04	2.12E-11	14.00	1.15E-02	3.40E-12	1,000,000	3.40E-06	6.6E-05			
90	9.7802E-07	8.4687E-08	2.50E-04	2.12E-11	14.00	1.15E-02	3.40E-12	1,000,000	3.40E-06	6.6E-05			
91	9.7802E-07	8.4589E-08	2.50E-04	2.12E-11	14.00	1.15E-02	3.40E-12	1,000,000	3.40E-06	6.6E-05			
92	9.7802E-07	8.3797E-08	2.50E-04	2.10E-11	14.00	1.15E-02	3.37E-12	1,000,000	3.37E-06	6.5E-05			
93	9.7802E-07	8.3445E-08	2.50E-04	2.09E-11	14.00	1.15E-02	3.35E-12	1,000,000	3.35E-06	6.5E-05			
94	9.7802E-07	8.3103E-08	2.50E-04	2.08E-11	14.00	1.15E-02	3.34E-12	1,000,000	3.34E-06	6.5E-05			
95	9.7802E-07	8.2682E-08	2.50E-04	2.07E-11	14.00	1.15E-02	3.32E-12	1,000,000	3.32E-06	6.5E-05			
96	9.7802E-07	8.2232E-08	2.50E-04	2.06E-11	14.00	1.15E-02	3.31E-12	1,000,000	3.31E-06	6.4E-05			
97	9.7802E-07	8.1792E-08	2.50E-04	2.05E-11	14.00	1.15E-02	3.29E-12	1,000,000	3.29E-06	6.4E-05			
98	9.7802E-07	8.5626E-08	2.50E-04	2.14E-11	14.00	1.15E-02	3.44E-12	1,000,000	3.44E-06	6.7E-05			
99	9.7802E-07	8.5949E-08	2.50E-04	2.15E-11	14.00	1.15E-02	3.45E-12	1,000,000	3.45E-06	6.7E-05			

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 5

	Cancer Risk 14 to 30 years												
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million	Total Risk		Max	Receptor #
100	9.7802E-07	8.6252E-08	2.50E-04	2.16E-11	14.00	1.15E-02	3.47E-12	1,000,000	3.47E-06	6.7E-05			
101	9.7802E-07	8.6565E-08	2.50E-04	2.17E-11	14.00	1.15E-02	3.48E-12	1,000,000	3.48E-06	6.8E-05			
102	9.7802E-07	8.6721E-08	2.50E-04	2.17E-11	14.00	1.15E-02	3.49E-12	1,000,000	3.49E-06	6.8E-05			
103	9.7802E-07	8.6829E-08	2.50E-04	2.17E-11	14.00	1.15E-02	3.49E-12	1,000,000	3.49E-06	6.8E-05			
104	9.7802E-07	8.6907E-08	2.50E-04	2.18E-11	14.00	1.15E-02	3.49E-12	1,000,000	3.49E-06	6.8E-05			
105	9.7802E-07	8.6829E-08	2.50E-04	2.17E-11	14.00	1.15E-02	3.49E-12	1,000,000	3.49E-06	6.8E-05			
106	9.7802E-07	8.6105E-08	2.50E-04	2.15E-11	14.00	1.15E-02	3.46E-12	1,000,000	3.46E-06	6.7E-05			
107	9.7802E-07	8.5792E-08	2.50E-04	2.15E-11	14.00	1.15E-02	3.45E-12	1,000,000	3.45E-06	6.7E-05			
108	9.7802E-07	8.545E-08	2.50E-04	2.14E-11	14.00	1.15E-02	3.43E-12	1,000,000	3.43E-06	6.7E-05			
109	9.7802E-07	8.5059E-08	2.50E-04	2.13E-11	14.00	1.15E-02	3.42E-12	1,000,000	3.42E-06	6.6E-05			
110	9.7802E-07	8.4619E-08	2.50E-04	2.12E-11	14.00	1.15E-02	3.40E-12	1,000,000	3.40E-06	6.6E-05			
111	9.7802E-07	8.4188E-08	2.50E-04	2.11E-11	14.00	1.15E-02	3.38E-12	1,000,000	3.38E-06	6.6E-05			
112	9.7802E-07	8.8003E-08	2.50E-04	2.20E-11	14.00	1.15E-02	3.54E-12	1,000,000	3.54E-06	6.9E-05			
113	9.7802E-07	8.8355E-08	2.50E-04	2.21E-11	14.00	1.15E-02	3.55E-12	1,000,000	3.55E-06	6.9E-05			
114	9.7802E-07	8.8707E-08	2.50E-04	2.22E-11	14.00	1.15E-02	3.57E-12	1,000,000	3.57E-06	6.9E-05			
115	9.7802E-07	8.8941E-08	2.50E-04	2.23E-11	14.00	1.15E-02	3.57E-12	1,000,000	3.57E-06	7.0E-05			
116	9.7802E-07	8.9069E-08	2.50E-04	2.23E-11	14.00	1.15E-02	3.58E-12	1,000,000	3.58E-06	7.0E-05			
117	9.7802E-07	8.9176E-08	2.50E-04	2.23E-11	14.00	1.15E-02	3.58E-12	1,000,000	3.58E-06	7.0E-05			
118	9.7802E-07	8.9186E-08	2.50E-04	2.23E-11	14.00	1.15E-02	3.58E-12	1,000,000	3.58E-06	7.0E-05			
119	9.7802E-07	8.9078E-08	2.50E-04	2.23E-11	14.00	1.15E-02	3.58E-12	1,000,000	3.58E-06	7.0E-05			
120	9.7802E-07	8.8482E-08	2.50E-04	2.21E-11	14.00	1.15E-02	3.56E-12	1,000,000	3.56E-06	6.9E-05			
121	9.7802E-07	8.8237E-08	2.50E-04	2.21E-11	14.00	1.15E-02	3.55E-12	1,000,000	3.55E-06	6.9E-05			
122	9.7802E-07	8.7885E-08	2.50E-04	2.20E-11	14.00	1.15E-02	3.53E-12	1,000,000	3.53E-06	6.9E-05			
123	9.7802E-07	8.7523E-08	2.50E-04	2.19E-11	14.00	1.15E-02	3.52E-12	1,000,000	3.52E-06	6.8E-05			
124	9.7802E-07	8.7103E-08	2.50E-04	2.18E-11	14.00	1.15E-02	3.50E-12	1,000,000	3.50E-06	6.8E-05			
125	9.7802E-07	8.6672E-08	2.50E-04	2.17E-11	14.00	1.15E-02	3.48E-12	1,000,000	3.48E-06	6.8E-05			
126	9.7802E-07	9.0154E-08	2.50E-04	2.26E-11	14.00	1.15E-02	3.62E-12	1,000,000	3.62E-06	7.0E-05			
127	9.7802E-07	9.0555E-08	2.50E-04	2.27E-11	14.00	1.15E-02	3.64E-12	1,000,000	3.64E-06	7.1E-05			
128	9.7802E-07	9.0897E-08	2.50E-04	2.27E-11	14.00	1.15E-02	3.65E-12	1,000,000	3.65E-06	7.1E-05			
129	9.7802E-07	9.123E-08	2.50E-04	2.28E-11	14.00	1.15E-02	3.67E-12	1,000,000	3.67E-06	7.1E-05			
130	9.7802E-07	9.1406E-08	2.50E-04	2.29E-11	14.00	1.15E-02	3.67E-12	1,000,000	3.67E-06	7.1E-05			
131	9.7802E-07	9.1523E-08	2.50E-04	2.29E-11	14.00	1.15E-02	3.68E-12	1,000,000	3.68E-06	7.2E-05			
132	9.7802E-07	9.1611E-08	2.50E-04	2.29E-11	14.00	1.15E-02	3.68E-12	1,000,000	3.68E-06	7.2E-05			

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 5

	Cancer Risk 14 to 30 years												
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million	Total Risk		Max	Receptor #
133	9.7802E-07	9.1533E-08	2.50E-04	2.29E-11	14.00	1.15E-02	3.68E-12	1,000,000	3.68E-06	7.2E-05			
134	9.7802E-07	9.0849E-08	2.50E-04	2.27E-11	14.00	1.15E-02	3.65E-12	1,000,000	3.65E-06	7.1E-05			
135	9.7802E-07	9.0487E-08	2.50E-04	2.26E-11	14.00	1.15E-02	3.64E-12	1,000,000	3.64E-06	7.1E-05			
136	9.7802E-07	9.0095E-08	2.50E-04	2.25E-11	14.00	1.15E-02	3.62E-12	1,000,000	3.62E-06	7.0E-05			
137	9.7802E-07	8.9695E-08	2.50E-04	2.24E-11	14.00	1.15E-02	3.61E-12	1,000,000	3.61E-06	7.0E-05			
138	9.7802E-07	8.9294E-08	2.50E-04	2.23E-11	14.00	1.15E-02	3.59E-12	1,000,000	3.59E-06	7.0E-05			
139	9.7802E-07	9.2824E-08	2.50E-04	2.32E-11	14.00	1.15E-02	3.73E-12	1,000,000	3.73E-06	7.3E-05			
140	9.7802E-07	9.3196E-08	2.50E-04	2.33E-11	14.00	1.15E-02	3.75E-12	1,000,000	3.75E-06	7.3E-05			
141	9.7802E-07	9.3558E-08	2.50E-04	2.34E-11	14.00	1.15E-02	3.76E-12	1,000,000	3.76E-06	7.3E-05			
142	9.7802E-07	9.3822E-08	2.50E-04	2.35E-11	14.00	1.15E-02	3.77E-12	1,000,000	3.77E-06	7.3E-05			
143	9.7802E-07	9.3959E-08	2.50E-04	2.35E-11	14.00	1.15E-02	3.78E-12	1,000,000	3.78E-06	7.3E-05			
144	9.7802E-07	9.4076E-08	2.50E-04	2.35E-11	14.00	1.15E-02	3.78E-12	1,000,000	3.78E-06	7.4E-05			
145	9.7802E-07	9.4096E-08	2.50E-04	2.35E-11	14.00	1.15E-02	3.78E-12	1,000,000	3.78E-06	7.4E-05			
146	9.7802E-07	9.3998E-08	2.50E-04	2.35E-11	14.00	1.15E-02	3.78E-12	1,000,000	3.78E-06	7.3E-05			
147	9.7802E-07	9.3499E-08	2.50E-04	2.34E-11	14.00	1.15E-02	3.76E-12	1,000,000	3.76E-06	7.3E-05			
148	9.7802E-07	9.3176E-08	2.50E-04	2.33E-11	14.00	1.15E-02	3.75E-12	1,000,000	3.75E-06	7.3E-05			
149	9.7802E-07	9.2805E-08	2.50E-04	2.32E-11	14.00	1.15E-02	3.73E-12	1,000,000	3.73E-06	7.3E-05			
150	9.7802E-07	9.2413E-08	2.50E-04	2.31E-11	14.00	1.15E-02	3.71E-12	1,000,000	3.71E-06	7.2E-05			
151	9.7802E-07	9.2003E-08	2.50E-04	2.30E-11	14.00	1.15E-02	3.70E-12	1,000,000	3.70E-06	7.2E-05			
152	9.7802E-07	9.5132E-08	2.50E-04	2.38E-11	14.00	1.15E-02	3.82E-12	1,000,000	3.82E-06	7.4E-05			
153	9.7802E-07	9.5582E-08	2.50E-04	2.39E-11	14.00	1.15E-02	3.84E-12	1,000,000	3.84E-06	7.5E-05			
154	9.7802E-07	9.5964E-08	2.50E-04	2.40E-11	14.00	1.15E-02	3.86E-12	1,000,000	3.86E-06	7.5E-05			
155	9.7802E-07	9.6316E-08	2.50E-04	2.41E-11	14.00	1.15E-02	3.87E-12	1,000,000	3.87E-06	7.5E-05			
156	9.7802E-07	9.6521E-08	2.50E-04	2.42E-11	14.00	1.15E-02	3.88E-12	1,000,000	3.88E-06	7.5E-05			
157	9.7802E-07	9.6648E-08	2.50E-04	2.42E-11	14.00	1.15E-02	3.88E-12	1,000,000	3.88E-06	7.6E-05			
158	9.7802E-07	9.6717E-08	2.50E-04	2.42E-11	14.00	1.15E-02	3.89E-12	1,000,000	3.89E-06	7.6E-05			
159	9.7802E-07	9.6717E-08	2.50E-04	2.42E-11	14.00	1.15E-02	3.89E-12	1,000,000	3.89E-06	7.6E-05			
160	9.7802E-07	9.6658E-08	2.50E-04	2.42E-11	14.00	1.15E-02	3.89E-12	1,000,000	3.89E-06	7.6E-05			
161	9.7802E-07	9.6502E-08	2.50E-04	2.42E-11	14.00	1.15E-02	3.88E-12	1,000,000	3.88E-06	7.5E-05			
162	9.7802E-07	9.6306E-08	2.50E-04	2.41E-11	14.00	1.15E-02	3.87E-12	1,000,000	3.87E-06	7.5E-05			
163	9.7802E-07	9.6032E-08	2.50E-04	2.40E-11	14.00	1.15E-02	3.86E-12	1,000,000	3.86E-06	7.5E-05			
164	9.7802E-07	9.568E-08	2.50E-04	2.39E-11	14.00	1.15E-02	3.85E-12	1,000,000	3.85E-06	7.5E-05			
165	9.7802E-07	9.524E-08	2.50E-04	2.38E-11	14.00	1.15E-02	3.83E-12	1,000,000	3.83E-06	7.4E-05			

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 5

	Cancer Risk 14 to 30 years												
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million	Total Risk		Max	Receptor #
166	9.7802E-07	9.4819E-08	2.50E-04	2.37E-11	14.00	1.15E-02	3.81E-12	1,000,000	3.81E-06	7.4E-05			
167	9.7802E-07	9.8047E-08	2.50E-04	2.45E-11	14.00	1.15E-02	3.94E-12	1,000,000	3.94E-06	7.7E-05			
168	9.7802E-07	9.8477E-08	2.50E-04	2.46E-11	14.00	1.15E-02	3.96E-12	1,000,000	3.96E-06	7.7E-05			
169	9.7802E-07	9.8859E-08	2.50E-04	2.47E-11	14.00	1.15E-02	3.97E-12	1,000,000	3.97E-06	7.7E-05			
170	9.7802E-07	9.9181E-08	2.50E-04	2.48E-11	14.00	1.15E-02	3.99E-12	1,000,000	3.99E-06	7.8E-05			
171	9.7802E-07	9.9357E-08	2.50E-04	2.49E-11	14.00	1.15E-02	3.99E-12	1,000,000	3.99E-06	7.8E-05			
172	9.7802E-07	9.9494E-08	2.50E-04	2.49E-11	14.00	1.15E-02	4.00E-12	1,000,000	4.00E-06	7.8E-05			
173	9.7802E-07	9.9582E-08	2.50E-04	2.49E-11	14.00	1.15E-02	4.00E-12	1,000,000	4.00E-06	7.8E-05			
174	9.7802E-07	9.9592E-08	2.50E-04	2.49E-11	14.00	1.15E-02	4.00E-12	1,000,000	4.00E-06	7.8E-05			
175	9.7802E-07	9.9455E-08	2.50E-04	2.49E-11	14.00	1.15E-02	4.00E-12	1,000,000	4.00E-06	7.8E-05			
176	9.7802E-07	9.9269E-08	2.50E-04	2.48E-11	14.00	1.15E-02	3.99E-12	1,000,000	3.99E-06	7.8E-05			
177	9.7802E-07	9.8996E-08	2.50E-04	2.48E-11	14.00	1.15E-02	3.98E-12	1,000,000	3.98E-06	7.7E-05			
178	9.7802E-07	9.8643E-08	2.50E-04	2.47E-11	14.00	1.15E-02	3.96E-12	1,000,000	3.96E-06	7.7E-05			
179	9.7802E-07	9.8203E-08	2.50E-04	2.46E-11	14.00	1.15E-02	3.95E-12	1,000,000	3.95E-06	7.7E-05			
180	9.7802E-07	9.7783E-08	2.50E-04	2.45E-11	14.00	1.15E-02	3.93E-12	1,000,000	3.93E-06	7.6E-05			
181	9.7802E-07	1.0047E-07	2.50E-04	2.51E-11	14.00	1.15E-02	4.04E-12	1,000,000	4.04E-06	7.9E-05			
182	9.7802E-07	1.0107E-07	2.50E-04	2.53E-11	14.00	1.15E-02	4.06E-12	1,000,000	4.06E-06	7.9E-05			
183	9.7802E-07	1.015E-07	2.50E-04	2.54E-11	14.00	1.15E-02	4.08E-12	1,000,000	4.08E-06	7.9E-05			
184	9.7802E-07	1.0189E-07	2.50E-04	2.55E-11	14.00	1.15E-02	4.10E-12	1,000,000	4.10E-06	8.0E-05			
185	9.7802E-07	1.0217E-07	2.50E-04	2.56E-11	14.00	1.15E-02	4.11E-12	1,000,000	4.11E-06	8.0E-05			
186	9.7802E-07	1.0236E-07	2.50E-04	2.56E-11	14.00	1.15E-02	4.11E-12	1,000,000	4.11E-06	8.0E-05			
187	9.7802E-07	1.0249E-07	2.50E-04	2.56E-11	14.00	1.15E-02	4.12E-12	1,000,000	4.12E-06	8.0E-05			
188	9.7802E-07	1.0252E-07	2.50E-04	2.57E-11	14.00	1.15E-02	4.12E-12	1,000,000	4.12E-06	8.0E-05			
189	9.7802E-07	1.0244E-07	2.50E-04	2.56E-11	14.00	1.15E-02	4.12E-12	1,000,000	4.12E-06	8.0E-05			
190	9.7802E-07	1.0227E-07	2.50E-04	2.56E-11	14.00	1.15E-02	4.11E-12	1,000,000	4.11E-06	8.0E-05			
191	9.7802E-07	1.0203E-07	2.50E-04	2.55E-11	14.00	1.15E-02	4.10E-12	1,000,000	4.10E-06	8.0E-05			
192	9.7802E-07	1.0171E-07	2.50E-04	2.55E-11	14.00	1.15E-02	4.09E-12	1,000,000	4.09E-06	8.0E-05			
193	9.7802E-07	1.0131E-07	2.50E-04	2.54E-11	14.00	1.15E-02	4.07E-12	1,000,000	4.07E-06	7.9E-05			
194	9.7802E-07	1.0092E-07	2.50E-04	2.53E-11	14.00	1.15E-02	4.06E-12	1,000,000	4.06E-06	7.9E-05			
195	9.7802E-07	1.0377E-07	2.50E-04	2.60E-11	14.00	1.15E-02	4.17E-12	1,000,000	4.17E-06	8.1E-05			
196	9.7802E-07	1.0425E-07	2.50E-04	2.61E-11	14.00	1.15E-02	4.19E-12	1,000,000	4.19E-06	8.1E-05			
197	9.7802E-07	1.0468E-07	2.50E-04	2.62E-11	14.00	1.15E-02	4.21E-12	1,000,000	4.21E-06	8.2E-05			
198	9.7802E-07	1.051E-07	2.50E-04	2.63E-11	14.00	1.15E-02	4.22E-12	1,000,000	4.22E-06	8.2E-05			

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 5

	Cancer Risk 14 to 30 years												
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million	Total Risk		Max	Receptor #
199	9.7802E-07	1.0537E-07	2.50E-04	2.64E-11	14.00	1.15E-02	4.24E-12	1,000,000	4.24E-06	8.2E-05			
200	9.7802E-07	1.0555E-07	2.50E-04	2.64E-11	14.00	1.15E-02	4.24E-12	1,000,000	4.24E-06	8.2E-05			
201	9.7802E-07	1.0562E-07	2.50E-04	2.64E-11	14.00	1.15E-02	4.25E-12	1,000,000	4.25E-06	8.3E-05			
202	9.7802E-07	1.0559E-07	2.50E-04	2.64E-11	14.00	1.15E-02	4.24E-12	1,000,000	4.24E-06	8.3E-05			
203	9.7802E-07	1.0547E-07	2.50E-04	2.64E-11	14.00	1.15E-02	4.24E-12	1,000,000	4.24E-06	8.2E-05			
204	9.7802E-07	1.0527E-07	2.50E-04	2.63E-11	14.00	1.15E-02	4.23E-12	1,000,000	4.23E-06	8.2E-05			
205	9.7802E-07	1.05E-07	2.50E-04	2.63E-11	14.00	1.15E-02	4.22E-12	1,000,000	4.22E-06	8.2E-05			
206	9.7802E-07	1.0462E-07	2.50E-04	2.62E-11	14.00	1.15E-02	4.21E-12	1,000,000	4.21E-06	8.2E-05			
207	9.7802E-07	1.0422E-07	2.50E-04	2.61E-11	14.00	1.15E-02	4.19E-12	1,000,000	4.19E-06	8.1E-05			
208	9.7802E-07	1.0712E-07	2.50E-04	2.68E-11	14.00	1.15E-02	4.31E-12	1,000,000	4.31E-06	8.4E-05			
209	9.7802E-07	1.0761E-07	2.50E-04	2.69E-11	14.00	1.15E-02	4.33E-12	1,000,000	4.33E-06	8.4E-05			
210	9.7802E-07	1.0806E-07	2.50E-04	2.70E-11	14.00	1.15E-02	4.34E-12	1,000,000	4.34E-06	8.4E-05			
211	9.7802E-07	1.0844E-07	2.50E-04	2.71E-11	14.00	1.15E-02	4.36E-12	1,000,000	4.36E-06	8.5E-05			
212	9.7802E-07	1.087E-07	2.50E-04	2.72E-11	14.00	1.15E-02	4.37E-12	1,000,000	4.37E-06	8.5E-05			
213	9.7802E-07	1.0884E-07	2.50E-04	2.72E-11	14.00	1.15E-02	4.37E-12	1,000,000	4.37E-06	8.5E-05			
214	9.7802E-07	1.0889E-07	2.50E-04	2.73E-11	14.00	1.15E-02	4.38E-12	1,000,000	4.38E-06	8.5E-05			
215	9.7802E-07	1.0886E-07	2.50E-04	2.72E-11	14.00	1.15E-02	4.38E-12	1,000,000	4.38E-06	8.5E-05			
216	9.7802E-07	1.0871E-07	2.50E-04	2.72E-11	14.00	1.15E-02	4.37E-12	1,000,000	4.37E-06	8.5E-05			
217	9.7802E-07	1.0845E-07	2.50E-04	2.71E-11	14.00	1.15E-02	4.36E-12	1,000,000	4.36E-06	8.5E-05			
218	9.7802E-07	1.0809E-07	2.50E-04	2.71E-11	14.00	1.15E-02	4.34E-12	1,000,000	4.34E-06	8.4E-05			
219	9.7802E-07	1.0768E-07	2.50E-04	2.69E-11	14.00	1.15E-02	4.33E-12	1,000,000	4.33E-06	8.4E-05			
220	9.7802E-07	1.1192E-07	2.50E-04	2.80E-11	14.00	1.15E-02	4.50E-12	1,000,000	4.50E-06	8.7E-05			
221	9.7802E-07	1.1215E-07	2.50E-04	2.81E-11	14.00	1.15E-02	4.51E-12	1,000,000	4.51E-06	8.8E-05			
222	9.7802E-07	1.1227E-07	2.50E-04	2.81E-11	14.00	1.15E-02	4.51E-12	1,000,000	4.51E-06	8.8E-05			
223	9.7802E-07	1.1229E-07	2.50E-04	2.81E-11	14.00	1.15E-02	4.51E-12	1,000,000	4.51E-06	8.8E-05			
224	9.7802E-07	1.122E-07	2.50E-04	2.81E-11	14.00	1.15E-02	4.51E-12	1,000,000	4.51E-06	8.8E-05			
225	9.7802E-07	1.1199E-07	2.50E-04	2.80E-11	14.00	1.15E-02	4.50E-12	1,000,000	4.50E-06	8.8E-05			
226	9.7802E-07	1.117E-07	2.50E-04	2.80E-11	14.00	1.15E-02	4.49E-12	1,000,000	4.49E-06	8.7E-05			
227	9.7802E-07	1.1135E-07	2.50E-04	2.79E-11	14.00	1.15E-02	4.48E-12	1,000,000	4.48E-06	8.7E-05			
228	9.7802E-07	1.1567E-07	2.50E-04	2.89E-11	14.00	1.15E-02	4.65E-12	1,000,000	4.65E-06	9.0E-05			
229	9.7802E-07	1.1588E-07	2.50E-04	2.90E-11	14.00	1.15E-02	4.66E-12	1,000,000	4.66E-06	9.1E-05			
230	9.7802E-07	1.1595E-07	2.50E-04	2.90E-11	14.00	1.15E-02	4.66E-12	1,000,000	4.66E-06	9.1E-05			
231	9.7802E-07	1.1594E-07	2.50E-04	2.90E-11	14.00	1.15E-02	4.66E-12	1,000,000	4.66E-06	9.1E-05			

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 5

	Cancer Risk 14 to 30 years												
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million	Total Risk		Max	Receptor #
232	9.7802E-07	1.1579E-07	2.50E-04	2.90E-11	14.00	1.15E-02	4.65E-12	1,000,000	4.65E-06	9.1E-05			
233	9.7802E-07	1.1554E-07	2.50E-04	2.89E-11	14.00	1.15E-02	4.64E-12	1,000,000	4.64E-06	9.0E-05			
234	9.7802E-07	1.1523E-07	2.50E-04	2.88E-11	14.00	1.15E-02	4.63E-12	1,000,000	4.63E-06	9.0E-05			
235	9.7802E-07	1.0684E-07	2.50E-04	2.67E-11	14.00	1.15E-02	4.29E-12	1,000,000	4.29E-06	8.4E-05			
236	9.7802E-07	1.1042E-07	2.50E-04	2.76E-11	14.00	1.15E-02	4.44E-12	1,000,000	4.44E-06	8.6E-05			
237	9.7802E-07	1.1093E-07	2.50E-04	2.78E-11	14.00	1.15E-02	4.46E-12	1,000,000	4.46E-06	8.7E-05			
238	9.7802E-07	1.114E-07	2.50E-04	2.79E-11	14.00	1.15E-02	4.48E-12	1,000,000	4.48E-06	8.7E-05			
239	9.7802E-07	1.1419E-07	2.50E-04	2.86E-11	14.00	1.15E-02	4.59E-12	1,000,000	4.59E-06	8.9E-05			
240	9.7802E-07	1.1476E-07	2.50E-04	2.87E-11	14.00	1.15E-02	4.61E-12	1,000,000	4.61E-06	9.0E-05			
241	9.7802E-07	1.1518E-07	2.50E-04	2.88E-11	14.00	1.15E-02	4.63E-12	1,000,000	4.63E-06	9.0E-05			
242	9.7802E-07	1.1554E-07	2.50E-04	2.89E-11	14.00	1.15E-02	4.64E-12	1,000,000	4.64E-06	9.0E-05			

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 5

	Cancer Risk 14 to 30 years												
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million	Total Risk		Max	Receptor #
243	9.7802E-07	2.3397E-07	2.50E-04	5.86E-11	14.00	1.15E-02	9.40E-12	1,000,000	9.40E-06	1.8E-04			
244	9.7802E-07	2.422E-07	2.50E-04	6.06E-11	14.00	1.15E-02	9.73E-12	1,000,000	9.73E-06	1.9E-04			
245	9.7802E-07	2.5036E-07	2.50E-04	6.27E-11	14.00	1.15E-02	1.01E-11	1,000,000	1.01E-05	2.0E-04			
246	9.7802E-07	2.5835E-07	2.50E-04	6.47E-11	14.00	1.15E-02	1.04E-11	1,000,000	1.04E-05	2.0E-04			
247	9.7802E-07	2.6626E-07	2.50E-04	6.66E-11	14.00	1.15E-02	1.07E-11	1,000,000	1.07E-05	2.1E-04			
248	9.7802E-07	2.7393E-07	2.50E-04	6.86E-11	14.00	1.15E-02	1.10E-11	1,000,000	1.10E-05	2.1E-04			
249	9.7802E-07	2.8138E-07	2.50E-04	7.04E-11	14.00	1.15E-02	1.13E-11	1,000,000	1.13E-05	2.2E-04			
250	9.7802E-07	2.8846E-07	2.50E-04	7.22E-11	14.00	1.15E-02	1.16E-11	1,000,000	1.16E-05	2.3E-04			
251	9.7802E-07	2.9507E-07	2.50E-04	7.38E-11	14.00	1.15E-02	1.19E-11	1,000,000	1.19E-05	2.3E-04			
252	9.7802E-07	2.2381E-07	2.50E-04	5.60E-11	14.00	1.15E-02	9.00E-12	1,000,000	9.00E-06	1.7E-04			
253	9.7802E-07	2.3228E-07	2.50E-04	5.81E-11	14.00	1.15E-02	9.34E-12	1,000,000	9.34E-06	1.8E-04			
254	9.7802E-07	2.4098E-07	2.50E-04	6.03E-11	14.00	1.15E-02	9.69E-12	1,000,000	9.69E-06	1.9E-04			
255	9.7802E-07	2.4987E-07	2.50E-04	6.25E-11	14.00	1.15E-02	1.00E-11	1,000,000	1.00E-05	2.0E-04			
256	9.7802E-07	2.5879E-07	2.50E-04	6.48E-11	14.00	1.15E-02	1.04E-11	1,000,000	1.04E-05	2.0E-04			
257	9.7802E-07	2.6785E-07	2.50E-04	6.70E-11	14.00	1.15E-02	1.08E-11	1,000,000	1.08E-05	2.1E-04			
258	9.7802E-07	2.7674E-07	2.50E-04	6.93E-11	14.00	1.15E-02	1.11E-11	1,000,000	1.11E-05	2.2E-04			
259	9.7802E-07	2.8559E-07	2.50E-04	7.15E-11	14.00	1.15E-02	1.15E-11	1,000,000	1.15E-05	2.2E-04			
260	9.7802E-07	2.9415E-07	2.50E-04	7.36E-11	14.00	1.15E-02	1.18E-11	1,000,000	1.18E-05	2.3E-04			
261	9.7802E-07	3.0233E-07	2.50E-04	7.57E-11	14.00	1.15E-02	1.22E-11	1,000,000	1.22E-05	2.4E-04			
262	9.7802E-07	3.0991E-07	2.50E-04	7.76E-11	14.00	1.15E-02	1.25E-11	1,000,000	1.25E-05	2.4E-04			
263	9.7802E-07	2.2924E-07	2.50E-04	5.74E-11	14.00	1.15E-02	9.21E-12	1,000,000	9.21E-06	1.8E-04			
264	9.7802E-07	2.3855E-07	2.50E-04	5.97E-11	14.00	1.15E-02	9.59E-12	1,000,000	9.59E-06	1.9E-04			
265	9.7802E-07	2.48E-07	2.50E-04	6.21E-11	14.00	1.15E-02	9.97E-12	1,000,000	9.97E-06	1.9E-04			
266	9.7802E-07	2.5777E-07	2.50E-04	6.45E-11	14.00	1.15E-02	1.04E-11	1,000,000	1.04E-05	2.0E-04			
267	9.7802E-07	2.6765E-07	2.50E-04	6.70E-11	14.00	1.15E-02	1.08E-11	1,000,000	1.08E-05	2.1E-04			
268	9.7802E-07	2.7774E-07	2.50E-04	6.95E-11	14.00	1.15E-02	1.12E-11	1,000,000	1.12E-05	2.2E-04			
269	9.7802E-07	2.8769E-07	2.50E-04	7.20E-11	14.00	1.15E-02	1.16E-11	1,000,000	1.16E-05	2.2E-04			
270	9.7802E-07	2.9765E-07	2.50E-04	7.45E-11	14.00	1.15E-02	1.20E-11	1,000,000	1.20E-05	2.3E-04			
271	9.7802E-07	3.0731E-07	2.50E-04	7.69E-11	14.00	1.15E-02	1.24E-11	1,000,000	1.24E-05	2.4E-04			
272	9.7802E-07	3.1667E-07	2.50E-04	7.93E-11	14.00	1.15E-02	1.27E-11	1,000,000	1.27E-05	2.5E-04			
273	9.7802E-07	3.2555E-07	2.50E-04	8.15E-11	14.00	1.15E-02	1.31E-11	1,000,000	1.31E-05	2.5E-04			
274	9.7802E-07	3.3444E-07	2.50E-04	8.37E-11	14.00	1.15E-02	1.34E-11	1,000,000	1.34E-05	2.6E-04			
275	9.7802E-07	2.3479E-07	2.50E-04	5.88E-11	14.00	1.15E-02	9.44E-12	1,000,000	9.44E-06	1.8E-04			

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 5

	Cancer Risk 14 to 30 years												
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million	Total Risk		Max	Receptor #
276	9.7802E-07	2.4473E-07	2.50E-04	6.12E-11	14.00	1.15E-02	9.84E-12	1,000,000	9.84E-06	1.9E-04			
277	9.7802E-07	2.5506E-07	2.50E-04	6.38E-11	14.00	1.15E-02	1.03E-11	1,000,000	1.03E-05	2.0E-04			
278	9.7802E-07	2.6573E-07	2.50E-04	6.65E-11	14.00	1.15E-02	1.07E-11	1,000,000	1.07E-05	2.1E-04			
279	9.7802E-07	2.7665E-07	2.50E-04	6.92E-11	14.00	1.15E-02	1.11E-11	1,000,000	1.11E-05	2.2E-04			
280	9.7802E-07	2.8777E-07	2.50E-04	7.20E-11	14.00	1.15E-02	1.16E-11	1,000,000	1.16E-05	2.2E-04			
281	9.7802E-07	2.9906E-07	2.50E-04	7.48E-11	14.00	1.15E-02	1.20E-11	1,000,000	1.20E-05	2.3E-04			
282	9.7802E-07	3.1019E-07	2.50E-04	7.76E-11	14.00	1.15E-02	1.25E-11	1,000,000	1.25E-05	2.4E-04			
283	9.7802E-07	3.2115E-07	2.50E-04	8.04E-11	14.00	1.15E-02	1.29E-11	1,000,000	1.29E-05	2.5E-04			
284	9.7802E-07	3.3191E-07	2.50E-04	8.31E-11	14.00	1.15E-02	1.33E-11	1,000,000	1.33E-05	2.6E-04			
285	9.7802E-07	3.4235E-07	2.50E-04	8.57E-11	14.00	1.15E-02	1.38E-11	1,000,000	1.38E-05	2.7E-04			
286	9.7802E-07	3.5232E-07	2.50E-04	8.82E-11	14.00	1.15E-02	1.42E-11	1,000,000	1.42E-05	2.8E-04			
287	9.7802E-07	2.403E-07	2.50E-04	6.01E-11	14.00	1.15E-02	9.66E-12	1,000,000	9.66E-06	1.9E-04			
288	9.7802E-07	2.5102E-07	2.50E-04	6.28E-11	14.00	1.15E-02	1.01E-11	1,000,000	1.01E-05	2.0E-04			
289	9.7802E-07	2.6226E-07	2.50E-04	6.56E-11	14.00	1.15E-02	1.05E-11	1,000,000	1.05E-05	2.0E-04			
290	9.7802E-07	2.7386E-07	2.50E-04	6.85E-11	14.00	1.15E-02	1.10E-11	1,000,000	1.10E-05	2.1E-04			
291	9.7802E-07	2.8586E-07	2.50E-04	7.15E-11	14.00	1.15E-02	1.15E-11	1,000,000	1.15E-05	2.2E-04			
292	9.7802E-07	2.9803E-07	2.50E-04	7.46E-11	14.00	1.15E-02	1.20E-11	1,000,000	1.20E-05	2.3E-04			
293	9.7802E-07	3.1051E-07	2.50E-04	7.77E-11	14.00	1.15E-02	1.25E-11	1,000,000	1.25E-05	2.4E-04			
294	9.7802E-07	3.2296E-07	2.50E-04	8.08E-11	14.00	1.15E-02	1.30E-11	1,000,000	1.30E-05	2.5E-04			
295	9.7802E-07	3.3533E-07	2.50E-04	8.39E-11	14.00	1.15E-02	1.35E-11	1,000,000	1.35E-05	2.6E-04			
296	9.7802E-07	3.4761E-07	2.50E-04	8.70E-11	14.00	1.15E-02	1.40E-11	1,000,000	1.40E-05	2.7E-04			
297	9.7802E-07	3.5969E-07	2.50E-04	9.00E-11	14.00	1.15E-02	1.45E-11	1,000,000	1.45E-05	2.8E-04			
298	9.7802E-07	3.7125E-07	2.50E-04	9.29E-11	14.00	1.15E-02	1.49E-11	1,000,000	1.49E-05	2.9E-04			
299	9.7802E-07	2.4582E-07	2.50E-04	6.15E-11	14.00	1.15E-02	9.88E-12	1,000,000	9.88E-06	1.9E-04			
300	9.7802E-07	2.5726E-07	2.50E-04	6.44E-11	14.00	1.15E-02	1.03E-11	1,000,000	1.03E-05	2.0E-04			
301	9.7802E-07	2.6937E-07	2.50E-04	6.74E-11	14.00	1.15E-02	1.08E-11	1,000,000	1.08E-05	2.1E-04			
302	9.7802E-07	2.8198E-07	2.50E-04	7.06E-11	14.00	1.15E-02	1.13E-11	1,000,000	1.13E-05	2.2E-04			
303	9.7802E-07	2.9497E-07	2.50E-04	7.38E-11	14.00	1.15E-02	1.19E-11	1,000,000	1.19E-05	2.3E-04			
304	9.7802E-07	3.0857E-07	2.50E-04	7.72E-11	14.00	1.15E-02	1.24E-11	1,000,000	1.24E-05	2.4E-04			
305	9.7802E-07	3.2224E-07	2.50E-04	8.06E-11	14.00	1.15E-02	1.30E-11	1,000,000	1.30E-05	2.5E-04			
306	9.7802E-07	3.362E-07	2.50E-04	8.41E-11	14.00	1.15E-02	1.35E-11	1,000,000	1.35E-05	2.6E-04			
307	9.7802E-07	3.5019E-07	2.50E-04	8.76E-11	14.00	1.15E-02	1.41E-11	1,000,000	1.41E-05	2.7E-04			
308	9.7802E-07	3.6424E-07	2.50E-04	9.12E-11	14.00	1.15E-02	1.46E-11	1,000,000	1.46E-05	2.8E-04			

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 5

	Cancer Risk 14 to 30 years												
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million	Total Risk		Max	Receptor #
309	9.7802E-07	3.7817E-07	2.50E-04	9.46E-11	14.00	1.15E-02	1.52E-11	1,000,000	1.52E-05	3.0E-04			
310	9.7802E-07	3.9142E-07	2.50E-04	9.80E-11	14.00	1.15E-02	1.57E-11	1,000,000	1.57E-05	3.1E-04			
311	9.7802E-07	2.5127E-07	2.50E-04	6.29E-11	14.00	1.15E-02	1.01E-11	1,000,000	1.01E-05	2.0E-04			
312	9.7802E-07	2.6343E-07	2.50E-04	6.59E-11	14.00	1.15E-02	1.06E-11	1,000,000	1.06E-05	2.1E-04			
313	9.7802E-07	2.7633E-07	2.50E-04	6.92E-11	14.00	1.15E-02	1.11E-11	1,000,000	1.11E-05	2.2E-04			
314	9.7802E-07	2.8994E-07	2.50E-04	7.26E-11	14.00	1.15E-02	1.17E-11	1,000,000	1.17E-05	2.3E-04			
315	9.7802E-07	3.043E-07	2.50E-04	7.62E-11	14.00	1.15E-02	1.22E-11	1,000,000	1.22E-05	2.4E-04			
316	9.7802E-07	3.1923E-07	2.50E-04	7.99E-11	14.00	1.15E-02	1.28E-11	1,000,000	1.28E-05	2.5E-04			
317	9.7802E-07	3.344E-07	2.50E-04	8.37E-11	14.00	1.15E-02	1.34E-11	1,000,000	1.34E-05	2.6E-04			
318	9.7802E-07	3.5003E-07	2.50E-04	8.76E-11	14.00	1.15E-02	1.41E-11	1,000,000	1.41E-05	2.7E-04			
319	9.7802E-07	3.6577E-07	2.50E-04	9.15E-11	14.00	1.15E-02	1.47E-11	1,000,000	1.47E-05	2.9E-04			
320	9.7802E-07	3.8175E-07	2.50E-04	9.55E-11	14.00	1.15E-02	1.53E-11	1,000,000	1.53E-05	3.0E-04			
321	9.7802E-07	3.9753E-07	2.50E-04	9.95E-11	14.00	1.15E-02	1.60E-11	1,000,000	1.60E-05	3.1E-04			
322	9.7802E-07	4.1293E-07	2.50E-04	1.03E-10	14.00	1.15E-02	1.66E-11	1,000,000	1.66E-05	3.2E-04			
323	9.7802E-07	2.5675E-07	2.50E-04	6.43E-11	14.00	1.15E-02	1.03E-11	1,000,000	1.03E-05	2.0E-04			
324	9.7802E-07	2.6973E-07	2.50E-04	6.75E-11	14.00	1.15E-02	1.08E-11	1,000,000	1.08E-05	2.1E-04			
325	9.7802E-07	2.8355E-07	2.50E-04	7.10E-11	14.00	1.15E-02	1.14E-11	1,000,000	1.14E-05	2.2E-04			
326	9.7802E-07	2.9848E-07	2.50E-04	7.47E-11	14.00	1.15E-02	1.20E-11	1,000,000	1.20E-05	2.3E-04			
327	9.7802E-07	3.1362E-07	2.50E-04	7.85E-11	14.00	1.15E-02	1.26E-11	1,000,000	1.26E-05	2.5E-04			
328	9.7802E-07	3.2983E-07	2.50E-04	8.25E-11	14.00	1.15E-02	1.33E-11	1,000,000	1.33E-05	2.6E-04			
329	9.7802E-07	3.4618E-07	2.50E-04	8.66E-11	14.00	1.15E-02	1.39E-11	1,000,000	1.39E-05	2.7E-04			
330	9.7802E-07	3.6397E-07	2.50E-04	9.11E-11	14.00	1.15E-02	1.46E-11	1,000,000	1.46E-05	2.8E-04			
331	9.7802E-07	3.8185E-07	2.50E-04	9.56E-11	14.00	1.15E-02	1.53E-11	1,000,000	1.53E-05	3.0E-04			
332	9.7802E-07	3.9988E-07	2.50E-04	1.00E-10	14.00	1.15E-02	1.61E-11	1,000,000	1.61E-05	3.1E-04			
333	9.7802E-07	4.1797E-07	2.50E-04	1.05E-10	14.00	1.15E-02	1.68E-11	1,000,000	1.68E-05	3.3E-04			
334	9.7802E-07	4.3622E-07	2.50E-04	1.09E-10	14.00	1.15E-02	1.75E-11	1,000,000	1.75E-05	3.4E-04			
335	9.7802E-07	2.6227E-07	2.50E-04	6.56E-11	14.00	1.15E-02	1.05E-11	1,000,000	1.05E-05	2.0E-04			
336	9.7802E-07	2.7604E-07	2.50E-04	6.91E-11	14.00	1.15E-02	1.11E-11	1,000,000	1.11E-05	2.2E-04			
337	9.7802E-07	2.9079E-07	2.50E-04	7.28E-11	14.00	1.15E-02	1.17E-11	1,000,000	1.17E-05	2.3E-04			
338	9.7802E-07	3.0674E-07	2.50E-04	7.68E-11	14.00	1.15E-02	1.23E-11	1,000,000	1.23E-05	2.4E-04			
339	9.7802E-07	3.2314E-07	2.50E-04	8.09E-11	14.00	1.15E-02	1.30E-11	1,000,000	1.30E-05	2.5E-04			
340	9.7802E-07	3.4077E-07	2.50E-04	8.53E-11	14.00	1.15E-02	1.37E-11	1,000,000	1.37E-05	2.7E-04			
341	9.7802E-07	3.5883E-07	2.50E-04	8.98E-11	14.00	1.15E-02	1.44E-11	1,000,000	1.44E-05	2.8E-04			

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 5

	Chronic Non Cancer Risk				
Receptor #	**REL**	**HI**		**Max**	**Receptor #**
1	5	1.53E-08		8.724E-08	334 Res
2	5	1.48E-08			
3	5	1.49E-08			
4	5	1.51E-08			
5	5	1.53E-08			
6	5	1.54E-08			
7	5	1.56E-08			
8	5	1.37E-08			
9	5	1.37E-08			
10	5	1.36E-08			
11	5	1.35E-08			
12	5	1.35E-08			
13	5	1.34E-08			
14	5	1.33E-08			
15	5	1.32E-08			
16	5	1.41E-08			
17	5	1.40E-08			
18	5	1.40E-08			
19	5	1.39E-08			
20	5	1.38E-08			
21	5	1.37E-08			
22	5	1.37E-08			
23	5	1.36E-08			
24	5	1.43E-08			
25	5	1.42E-08			
26	5	1.42E-08			
27	5	1.41E-08			
28	5	1.40E-08			
29	5	1.39E-08			
30	5	1.47E-08			
31	5	1.46E-08			
32	5	1.45E-08			
33	5	1.45E-08			

Sywest Industrial Building - Alternative 3
Unmitigated - Operational - ED Risk - Haul 5

	Chronic Non Cancer Risk				
Receptor #	**REL**	**HI**		**Max**	**Receptor #**
34	5	1.44E-08			
35	5	1.43E-08			
36	5	1.51E-08			
37	5	1.50E-08			
38	5	1.49E-08			
39	5	1.48E-08			
40	5	1.47E-08			
41	5	1.47E-08			
42	5	1.56E-08			
43	5	1.56E-08			
44	5	1.57E-08			
45	5	1.57E-08			
46	5	1.57E-08			
47	5	1.57E-08			
48	5	1.57E-08			
49	5	1.55E-08			
50	5	1.54E-08			
51	5	1.53E-08			
52	5	1.52E-08			
53	5	1.51E-08			
54	5	1.51E-08			
55	5	1.59E-08			
56	5	1.59E-08			
57	5	1.60E-08			
58	5	1.60E-08			
59	5	1.61E-08			
60	5	1.61E-08			
61	5	1.61E-08			
62	5	1.61E-08			
63	5	1.61E-08			
64	5	1.59E-08			
65	5	1.58E-08			
66	5	1.57E-08			

Sywest Industrial Building - Alternative 3
Unmitigated - Operational - ED Risk - Haul 5

	Chronic Non Cancer Risk				
Receptor #	**REL**	**HI**		**Max**	**Receptor #**
67	5	1.56E-08			
68	5	1.56E-08			
69	5	1.55E-08			
70	5	1.63E-08			
71	5	1.64E-08			
72	5	1.64E-08			
73	5	1.65E-08			
74	5	1.65E-08			
75	5	1.65E-08			
76	5	1.65E-08			
77	5	1.65E-08			
78	5	1.62E-08			
79	5	1.62E-08			
80	5	1.61E-08			
81	5	1.60E-08			
82	5	1.59E-08			
83	5	1.66E-08			
84	5	1.67E-08			
85	5	1.68E-08			
86	5	1.69E-08			
87	5	1.69E-08			
88	5	1.69E-08			
89	5	1.69E-08			
90	5	1.69E-08			
91	5	1.69E-08			
92	5	1.68E-08			
93	5	1.67E-08			
94	5	1.66E-08			
95	5	1.65E-08			
96	5	1.64E-08			
97	5	1.64E-08			
98	5	1.71E-08			
99	5	1.72E-08			

Sywest Industrial Building - Alternative 3
Unmitigated - Operational - ED Risk - Haul 5

	Chronic Non Cancer Risk				
Receptor #	**REL**	**HI**		**Max**	**Receptor #**
100	5	1.73E-08			
101	5	1.73E-08			
102	5	1.73E-08			
103	5	1.74E-08			
104	5	1.74E-08			
105	5	1.74E-08			
106	5	1.72E-08			
107	5	1.72E-08			
108	5	1.71E-08			
109	5	1.70E-08			
110	5	1.69E-08			
111	5	1.68E-08			
112	5	1.76E-08			
113	5	1.77E-08			
114	5	1.77E-08			
115	5	1.78E-08			
116	5	1.78E-08			
117	5	1.78E-08			
118	5	1.78E-08			
119	5	1.78E-08			
120	5	1.77E-08			
121	5	1.76E-08			
122	5	1.76E-08			
123	5	1.75E-08			
124	5	1.74E-08			
125	5	1.73E-08			
126	5	1.80E-08			
127	5	1.81E-08			
128	5	1.82E-08			
129	5	1.82E-08			
130	5	1.83E-08			
131	5	1.83E-08			
132	5	1.83E-08			

Sywest Industrial Building - Alternative 3
Unmitigated - Operational - ED Risk - Haul 5

	Chronic Non Cancer Risk				
Receptor #	**REL**	**HI**		**Max**	**Receptor #**
133	5	1.83E-08			
134	5	1.82E-08			
135	5	1.81E-08			
136	5	1.80E-08			
137	5	1.79E-08			
138	5	1.79E-08			
139	5	1.86E-08			
140	5	1.86E-08			
141	5	1.87E-08			
142	5	1.88E-08			
143	5	1.88E-08			
144	5	1.88E-08			
145	5	1.88E-08			
146	5	1.88E-08			
147	5	1.87E-08			
148	5	1.86E-08			
149	5	1.86E-08			
150	5	1.85E-08			
151	5	1.84E-08			
152	5	1.90E-08			
153	5	1.91E-08			
154	5	1.92E-08			
155	5	1.93E-08			
156	5	1.93E-08			
157	5	1.93E-08			
158	5	1.93E-08			
159	5	1.93E-08			
160	5	1.93E-08			
161	5	1.93E-08			
162	5	1.93E-08			
163	5	1.92E-08			
164	5	1.91E-08			
165	5	1.90E-08			

Sywest Industrial Building - Alternative 3
Unmitigated - Operational - ED Risk - Haul 5

	Chronic Non Cancer Risk				
Receptor #	**REL**	**HI**		**Max**	**Receptor #**
166	5	1.90E-08			
167	5	1.96E-08			
168	5	1.97E-08			
169	5	1.98E-08			
170	5	1.98E-08			
171	5	1.99E-08			
172	5	1.99E-08			
173	5	1.99E-08			
174	5	1.99E-08			
175	5	1.99E-08			
176	5	1.99E-08			
177	5	1.98E-08			
178	5	1.97E-08			
179	5	1.96E-08			
180	5	1.96E-08			
181	5	2.01E-08			
182	5	2.02E-08			
183	5	2.03E-08			
184	5	2.04E-08			
185	5	2.04E-08			
186	5	2.05E-08			
187	5	2.05E-08			
188	5	2.05E-08			
189	5	2.05E-08			
190	5	2.05E-08			
191	5	2.04E-08			
192	5	2.03E-08			
193	5	2.03E-08			
194	5	2.02E-08			
195	5	2.08E-08			
196	5	2.08E-08			
197	5	2.09E-08			
198	5	2.10E-08			

Sywest Industrial Building - Alternative 3
Unmitigated - Operational - ED Risk - Haul 5

	Chronic Non Cancer Risk				
Receptor #	**REL**	**HI**		**Max**	**Receptor #**
199	5	2.11E-08			
200	5	2.11E-08			
201	5	2.11E-08			
202	5	2.11E-08			
203	5	2.11E-08			
204	5	2.11E-08			
205	5	2.10E-08			
206	5	2.09E-08			
207	5	2.08E-08			
208	5	2.14E-08			
209	5	2.15E-08			
210	5	2.16E-08			
211	5	2.17E-08			
212	5	2.17E-08			
213	5	2.18E-08			
214	5	2.18E-08			
215	5	2.18E-08			
216	5	2.17E-08			
217	5	2.17E-08			
218	5	2.16E-08			
219	5	2.15E-08			
220	5	2.24E-08			
221	5	2.24E-08			
222	5	2.25E-08			
223	5	2.25E-08			
224	5	2.24E-08			
225	5	2.24E-08			
226	5	2.23E-08			
227	5	2.23E-08			
228	5	2.31E-08			
229	5	2.32E-08			
230	5	2.32E-08			
231	5	2.32E-08			

Sywest Industrial Building - Alternative 3
Unmitigated - Operational - ED Risk - Haul 5

	Chronic Non Cancer Risk				
Receptor #	**REL**	**HI**		**Max**	**Receptor #**
232	5	2.32E-08			
233	5	2.31E-08			
234	5	2.30E-08			
235	5	2.14E-08			
236	5	2.21E-08			
237	5	2.22E-08			
238	5	2.23E-08			
239	5	2.28E-08			
240	5	2.30E-08			
241	5	2.30E-08			
242	5	2.31E-08			

Sywest Industrial Building - Alternative 3
Unmitigated - Operational - ED Risk - Haul 5

	Chronic Non Cancer Risk				
Receptor #	**REL**	**HI**		**Max**	**Receptor #**
243	5	4.68E-08			
244	5	4.84E-08			
245	5	5.01E-08			
246	5	5.17E-08			
247	5	5.33E-08			
248	5	5.48E-08			
249	5	5.63E-08			
250	5	5.77E-08			
251	5	5.90E-08			
252	5	4.48E-08			
253	5	4.65E-08			
254	5	4.82E-08			
255	5	5.00E-08			
256	5	5.18E-08			
257	5	5.36E-08			
258	5	5.53E-08			
259	5	5.71E-08			
260	5	5.88E-08			
261	5	6.05E-08			
262	5	6.20E-08			
263	5	4.58E-08			
264	5	4.77E-08			
265	5	4.96E-08			
266	5	5.16E-08			
267	5	5.35E-08			
268	5	5.55E-08			
269	5	5.75E-08			
270	5	5.95E-08			
271	5	6.15E-08			
272	5	6.33E-08			
273	5	6.51E-08			
274	5	6.69E-08			
275	5	4.70E-08			

Sywest Industrial Building - Alternative 3
Unmitigated - Operational - ED Risk - Haul 5

	Chronic Non Cancer Risk				
Receptor #	**REL**	**HI**		**Max**	**Receptor #**
276	5	4.89E-08			
277	5	5.10E-08			
278	5	5.31E-08			
279	5	5.53E-08			
280	5	5.76E-08			
281	5	5.98E-08			
282	5	6.20E-08			
283	5	6.42E-08			
284	5	6.64E-08			
285	5	6.85E-08			
286	5	7.05E-08			
287	5	4.81E-08			
288	5	5.02E-08			
289	5	5.25E-08			
290	5	5.48E-08			
291	5	5.72E-08			
292	5	5.96E-08			
293	5	6.21E-08			
294	5	6.46E-08			
295	5	6.71E-08			
296	5	6.95E-08			
297	5	7.19E-08			
298	5	7.42E-08			
299	5	4.92E-08			
300	5	5.15E-08			
301	5	5.39E-08			
302	5	5.64E-08			
303	5	5.90E-08			
304	5	6.17E-08			
305	5	6.44E-08			
306	5	6.72E-08			
307	5	7.00E-08			
308	5	7.28E-08			

Sywest Industrial Building - Alternative 3
Unmitigated - Operational - ED Risk - Haul 5

	Chronic Non Cancer Risk				
Receptor #	**REL**	**HI**		**Max**	**Receptor #**
309	5	7.56E-08			
310	5	7.83E-08			
311	5	5.03E-08			
312	5	5.27E-08			
313	5	5.53E-08			
314	5	5.80E-08			
315	5	6.09E-08			
316	5	6.38E-08			
317	5	6.69E-08			
318	5	7.00E-08			
319	5	7.32E-08			
320	5	7.64E-08			
321	5	7.95E-08			
322	5	8.26E-08			
323	5	5.14E-08			
324	5	5.39E-08			
325	5	5.67E-08			
326	5	5.97E-08			
327	5	6.27E-08			
328	5	6.60E-08			
329	5	6.92E-08			
330	5	7.28E-08			
331	5	7.64E-08			
332	5	8.00E-08			
333	5	8.36E-08			
334	5	8.72E-08			
335	5	5.25E-08			
336	5	5.52E-08			
337	5	5.82E-08			
338	5	6.13E-08			
339	5	6.46E-08			
340	5	6.82E-08			
341	5	7.18E-08			

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 6

		Cancer Risk from 3rd Trimester								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
1	0.08175	**5.9952E-07**	4.9011E-08	3.46E-04	1.70E-11	0.25	1.57E-01	6.67E-13	1,000,000	6.67E-07
2	0.08082	5.9952E-07	4.8453E-08	3.46E-04	1.68E-11	0.25	1.57E-01	6.59E-13	1,000,000	6.59E-07
3	0.08128	5.9952E-07	4.8729E-08	3.46E-04	1.69E-11	0.25	1.57E-01	6.63E-13	1,000,000	6.63E-07
4	0.08239	5.9952E-07	4.9395E-08	3.46E-04	1.71E-11	0.25	1.57E-01	6.72E-13	1,000,000	6.72E-07
5	0.08334	5.9952E-07	4.9964E-08	3.46E-04	1.73E-11	0.25	1.57E-01	6.79E-13	1,000,000	6.79E-07
6	0.08392	5.9952E-07	5.0312E-08	3.46E-04	1.74E-11	0.25	1.57E-01	6.84E-13	1,000,000	6.84E-07
7	0.085	5.9952E-07	5.0959E-08	3.46E-04	1.76E-11	0.25	1.57E-01	6.93E-13	1,000,000	6.93E-07
8	0.06622	5.9952E-07	3.97E-08	3.46E-04	1.37E-11	0.25	1.57E-01	5.40E-13	1,000,000	5.40E-07
9	0.06584	5.9952E-07	3.9473E-08	3.46E-04	1.37E-11	0.25	1.57E-01	5.37E-13	1,000,000	5.37E-07
10	0.06538	5.9952E-07	3.9197E-08	3.46E-04	1.36E-11	0.25	1.57E-01	5.33E-13	1,000,000	5.33E-07
11	0.06493	5.9952E-07	3.8927E-08	3.46E-04	1.35E-11	0.25	1.57E-01	5.29E-13	1,000,000	5.29E-07
12	0.06449	5.9952E-07	3.8663E-08	3.46E-04	1.34E-11	0.25	1.57E-01	5.26E-13	1,000,000	5.26E-07
13	0.06406	5.9952E-07	3.8405E-08	3.46E-04	1.33E-11	0.25	1.57E-01	5.22E-13	1,000,000	5.22E-07
14	0.06364	5.9952E-07	3.8154E-08	3.46E-04	1.32E-11	0.25	1.57E-01	5.19E-13	1,000,000	5.19E-07
15	0.06323	5.9952E-07	3.7908E-08	3.46E-04	1.31E-11	0.25	1.57E-01	5.16E-13	1,000,000	5.16E-07
16	0.06789	5.9952E-07	4.0702E-08	3.46E-04	1.41E-11	0.25	1.57E-01	5.54E-13	1,000,000	5.54E-07
17	0.06749	5.9952E-07	4.0462E-08	3.46E-04	1.40E-11	0.25	1.57E-01	5.50E-13	1,000,000	5.50E-07
18	0.06702	5.9952E-07	4.018E-08	3.46E-04	1.39E-11	0.25	1.57E-01	5.46E-13	1,000,000	5.46E-07
19	0.06655	5.9952E-07	3.9898E-08	3.46E-04	1.38E-11	0.25	1.57E-01	5.43E-13	1,000,000	5.43E-07
20	0.06611	5.9952E-07	3.9634E-08	3.46E-04	1.37E-11	0.25	1.57E-01	5.39E-13	1,000,000	5.39E-07
21	0.06565	5.9952E-07	3.9359E-08	3.46E-04	1.36E-11	0.25	1.57E-01	5.35E-13	1,000,000	5.35E-07
22	0.0652	5.9952E-07	3.9089E-08	3.46E-04	1.35E-11	0.25	1.57E-01	5.32E-13	1,000,000	5.32E-07
23	0.06479	5.9952E-07	3.8843E-08	3.46E-04	1.34E-11	0.25	1.57E-01	5.28E-13	1,000,000	5.28E-07
24	0.06872	5.9952E-07	4.1199E-08	3.46E-04	1.43E-11	0.25	1.57E-01	5.60E-13	1,000,000	5.60E-07
25	0.06824	5.9952E-07	4.0911E-08	3.46E-04	1.42E-11	0.25	1.57E-01	5.56E-13	1,000,000	5.56E-07
26	0.0678	5.9952E-07	4.0648E-08	3.46E-04	1.41E-11	0.25	1.57E-01	5.53E-13	1,000,000	5.53E-07
27	0.06732	5.9952E-07	4.036E-08	3.46E-04	1.40E-11	0.25	1.57E-01	5.49E-13	1,000,000	5.49E-07
28	0.06685	5.9952E-07	4.0078E-08	3.46E-04	1.39E-11	0.25	1.57E-01	5.45E-13	1,000,000	5.45E-07
29	0.06643	5.9952E-07	3.9826E-08	3.46E-04	1.38E-11	0.25	1.57E-01	5.42E-13	1,000,000	5.42E-07
30	0.0705	5.9952E-07	4.2266E-08	3.46E-04	1.46E-11	0.25	1.57E-01	5.75E-13	1,000,000	5.75E-07
31	0.07	5.9952E-07	4.1967E-08	3.46E-04	1.45E-11	0.25	1.57E-01	5.71E-13	1,000,000	5.71E-07
32	0.06954	5.9952E-07	4.1691E-08	3.46E-04	1.44E-11	0.25	1.57E-01	5.67E-13	1,000,000	5.67E-07
33	0.06905	5.9952E-07	4.1397E-08	3.46E-04	1.43E-11	0.25	1.57E-01	5.63E-13	1,000,000	5.63E-07

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 6

		Cancer Risk from 3rd Trimester								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
34	0.06856	5.9952E-07	4.1103E-08	3.46E-04	1.42E-11	0.25	1.57E-01	5.59E-13	1,000,000	5.59E-07
35	0.06812	5.9952E-07	4.0839E-08	3.46E-04	1.41E-11	0.25	1.57E-01	5.55E-13	1,000,000	5.55E-07
36	0.07233	5.9952E-07	4.3363E-08	3.46E-04	1.50E-11	0.25	1.57E-01	5.90E-13	1,000,000	5.90E-07
37	0.07182	5.9952E-07	4.3058E-08	3.46E-04	1.49E-11	0.25	1.57E-01	5.86E-13	1,000,000	5.86E-07
38	0.07135	5.9952E-07	4.2776E-08	3.46E-04	1.48E-11	0.25	1.57E-01	5.82E-13	1,000,000	5.82E-07
39	0.07085	5.9952E-07	4.2476E-08	3.46E-04	1.47E-11	0.25	1.57E-01	5.78E-13	1,000,000	5.78E-07
40	0.07034	5.9952E-07	4.217E-08	3.46E-04	1.46E-11	0.25	1.57E-01	5.73E-13	1,000,000	5.73E-07
41	0.06988	5.9952E-07	4.1895E-08	3.46E-04	1.45E-11	0.25	1.57E-01	5.70E-13	1,000,000	5.70E-07
42	0.07802	5.9952E-07	4.6775E-08	3.46E-04	1.62E-11	0.25	1.57E-01	6.36E-13	1,000,000	6.36E-07
43	0.07791	5.9952E-07	4.6709E-08	3.46E-04	1.62E-11	0.25	1.57E-01	6.35E-13	1,000,000	6.35E-07
44	0.07775	5.9952E-07	4.6613E-08	3.46E-04	1.61E-11	0.25	1.57E-01	6.34E-13	1,000,000	6.34E-07
45	0.07756	5.9952E-07	4.6499E-08	3.46E-04	1.61E-11	0.25	1.57E-01	6.32E-13	1,000,000	6.32E-07
46	0.07735	5.9952E-07	4.6373E-08	3.46E-04	1.61E-11	0.25	1.57E-01	6.31E-13	1,000,000	6.31E-07
47	0.07712	5.9952E-07	4.6235E-08	3.46E-04	1.60E-11	0.25	1.57E-01	6.29E-13	1,000,000	6.29E-07
48	0.07681	5.9952E-07	4.6049E-08	3.46E-04	1.59E-11	0.25	1.57E-01	6.26E-13	1,000,000	6.26E-07
49	0.07425	5.9952E-07	4.4515E-08	3.46E-04	1.54E-11	0.25	1.57E-01	6.05E-13	1,000,000	6.05E-07
50	0.07373	5.9952E-07	4.4203E-08	3.46E-04	1.53E-11	0.25	1.57E-01	6.01E-13	1,000,000	6.01E-07
51	0.07324	5.9952E-07	4.3909E-08	3.46E-04	1.52E-11	0.25	1.57E-01	5.97E-13	1,000,000	5.97E-07
52	0.07272	5.9952E-07	4.3597E-08	3.46E-04	1.51E-11	0.25	1.57E-01	5.93E-13	1,000,000	5.93E-07
53	0.0722	5.9952E-07	4.3286E-08	3.46E-04	1.50E-11	0.25	1.57E-01	5.89E-13	1,000,000	5.89E-07
54	0.07173	5.9952E-07	4.3004E-08	3.46E-04	1.49E-11	0.25	1.57E-01	5.85E-13	1,000,000	5.85E-07
55	0.07983	5.9952E-07	4.786E-08	3.46E-04	1.66E-11	0.25	1.57E-01	6.51E-13	1,000,000	6.51E-07
56	0.07989	5.9952E-07	4.7896E-08	3.46E-04	1.66E-11	0.25	1.57E-01	6.51E-13	1,000,000	6.51E-07
57	0.07982	5.9952E-07	4.7854E-08	3.46E-04	1.66E-11	0.25	1.57E-01	6.51E-13	1,000,000	6.51E-07
58	0.07973	5.9952E-07	4.78E-08	3.46E-04	1.65E-11	0.25	1.57E-01	6.50E-13	1,000,000	6.50E-07
59	0.07956	5.9952E-07	4.7698E-08	3.46E-04	1.65E-11	0.25	1.57E-01	6.49E-13	1,000,000	6.49E-07
60	0.07934	5.9952E-07	4.7566E-08	3.46E-04	1.65E-11	0.25	1.57E-01	6.47E-13	1,000,000	6.47E-07
61	0.07913	5.9952E-07	4.744E-08	3.46E-04	1.64E-11	0.25	1.57E-01	6.45E-13	1,000,000	6.45E-07
62	0.07884	5.9952E-07	4.7266E-08	3.46E-04	1.64E-11	0.25	1.57E-01	6.43E-13	1,000,000	6.43E-07
63	0.07847	5.9952E-07	4.7045E-08	3.46E-04	1.63E-11	0.25	1.57E-01	6.40E-13	1,000,000	6.40E-07
64	0.07626	5.9952E-07	4.572E-08	3.46E-04	1.58E-11	0.25	1.57E-01	6.22E-13	1,000,000	6.22E-07
65	0.07571	5.9952E-07	4.539E-08	3.46E-04	1.57E-11	0.25	1.57E-01	6.17E-13	1,000,000	6.17E-07
66	0.07519	5.9952E-07	4.5078E-08	3.46E-04	1.56E-11	0.25	1.57E-01	6.13E-13	1,000,000	6.13E-07

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 6

		Cancer Risk from 3rd Trimester								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
67	0.07468	5.9952E-07	4.4772E-08	3.46E-04	1.55E-11	0.25	1.57E-01	6.09E-13	1,000,000	6.09E-07
68	0.07413	5.9952E-07	4.4443E-08	3.46E-04	1.54E-11	0.25	1.57E-01	6.04E-13	1,000,000	6.04E-07
69	0.07364	5.9952E-07	4.4149E-08	3.46E-04	1.53E-11	0.25	1.57E-01	6.00E-13	1,000,000	6.00E-07
70	0.08184	5.9952E-07	4.9065E-08	3.46E-04	1.70E-11	0.25	1.57E-01	6.67E-13	1,000,000	6.67E-07
71	0.0818	5.9952E-07	4.9041E-08	3.46E-04	1.70E-11	0.25	1.57E-01	6.67E-13	1,000,000	6.67E-07
72	0.08173	5.9952E-07	4.8999E-08	3.46E-04	1.70E-11	0.25	1.57E-01	6.66E-13	1,000,000	6.66E-07
73	0.08162	5.9952E-07	4.8933E-08	3.46E-04	1.69E-11	0.25	1.57E-01	6.65E-13	1,000,000	6.65E-07
74	0.08142	5.9952E-07	4.8813E-08	3.46E-04	1.69E-11	0.25	1.57E-01	6.64E-13	1,000,000	6.64E-07
75	0.08118	5.9952E-07	4.8669E-08	3.46E-04	1.68E-11	0.25	1.57E-01	6.62E-13	1,000,000	6.62E-07
76	0.08095	5.9952E-07	4.8531E-08	3.46E-04	1.68E-11	0.25	1.57E-01	6.60E-13	1,000,000	6.60E-07
77	0.08059	5.9952E-07	4.8316E-08	3.46E-04	1.67E-11	0.25	1.57E-01	6.57E-13	1,000,000	6.57E-07
78	0.07781	5.9952E-07	4.6649E-08	3.46E-04	1.61E-11	0.25	1.57E-01	6.34E-13	1,000,000	6.34E-07
79	0.07729	5.9952E-07	4.6337E-08	3.46E-04	1.60E-11	0.25	1.57E-01	6.30E-13	1,000,000	6.30E-07
80	0.07675	5.9952E-07	4.6013E-08	3.46E-04	1.59E-11	0.25	1.57E-01	6.26E-13	1,000,000	6.26E-07
81	0.07619	5.9952E-07	4.5678E-08	3.46E-04	1.58E-11	0.25	1.57E-01	6.21E-13	1,000,000	6.21E-07
82	0.07568	5.9952E-07	4.5372E-08	3.46E-04	1.57E-11	0.25	1.57E-01	6.17E-13	1,000,000	6.17E-07
83	0.08377	5.9952E-07	5.0222E-08	3.46E-04	1.74E-11	0.25	1.57E-01	6.83E-13	1,000,000	6.83E-07
84	0.08385	5.9952E-07	5.027E-08	3.46E-04	1.74E-11	0.25	1.57E-01	6.84E-13	1,000,000	6.84E-07
85	0.0838	5.9952E-07	5.024E-08	3.46E-04	1.74E-11	0.25	1.57E-01	6.83E-13	1,000,000	6.83E-07
86	0.08373	5.9952E-07	5.0198E-08	3.46E-04	1.74E-11	0.25	1.57E-01	6.83E-13	1,000,000	6.83E-07
87	0.08358	5.9952E-07	5.0108E-08	3.46E-04	1.73E-11	0.25	1.57E-01	6.81E-13	1,000,000	6.81E-07
88	0.08335	5.9952E-07	4.997E-08	3.46E-04	1.73E-11	0.25	1.57E-01	6.80E-13	1,000,000	6.80E-07
89	0.08312	5.9952E-07	4.9832E-08	3.46E-04	1.73E-11	0.25	1.57E-01	6.78E-13	1,000,000	6.78E-07
90	0.0828	5.9952E-07	4.964E-08	3.46E-04	1.72E-11	0.25	1.57E-01	6.75E-13	1,000,000	6.75E-07
91	0.0824	5.9952E-07	4.9401E-08	3.46E-04	1.71E-11	0.25	1.57E-01	6.72E-13	1,000,000	6.72E-07
92	0.08055	5.9952E-07	4.8292E-08	3.46E-04	1.67E-11	0.25	1.57E-01	6.57E-13	1,000,000	6.57E-07
93	0.08	5.9952E-07	4.7962E-08	3.46E-04	1.66E-11	0.25	1.57E-01	6.52E-13	1,000,000	6.52E-07
94	0.07947	5.9952E-07	4.7644E-08	3.46E-04	1.65E-11	0.25	1.57E-01	6.48E-13	1,000,000	6.48E-07
95	0.07891	5.9952E-07	4.7308E-08	3.46E-04	1.64E-11	0.25	1.57E-01	6.43E-13	1,000,000	6.43E-07
96	0.07834	5.9952E-07	4.6967E-08	3.46E-04	1.63E-11	0.25	1.57E-01	6.39E-13	1,000,000	6.39E-07
97	0.07781	5.9952E-07	4.6649E-08	3.46E-04	1.61E-11	0.25	1.57E-01	6.34E-13	1,000,000	6.34E-07
98	0.08599	5.9952E-07	5.1553E-08	3.46E-04	1.78E-11	0.25	1.57E-01	7.01E-13	1,000,000	7.01E-07
99	0.08595	5.9952E-07	5.1529E-08	3.46E-04	1.78E-11	0.25	1.57E-01	7.01E-13	1,000,000	7.01E-07

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 6

		Cancer Risk from 3rd Trimester								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
100	0.08588	5.9952E-07	5.1487E-08	3.46E-04	1.78E-11	0.25	1.57E-01	7.00E-13	1,000,000	7.00E-07
101	0.08583	5.9952E-07	5.1457E-08	3.46E-04	1.78E-11	0.25	1.57E-01	7.00E-13	1,000,000	7.00E-07
102	0.08561	5.9952E-07	5.1325E-08	3.46E-04	1.78E-11	0.25	1.57E-01	6.98E-13	1,000,000	6.98E-07
103	0.08536	5.9952E-07	5.1175E-08	3.46E-04	1.77E-11	0.25	1.57E-01	6.96E-13	1,000,000	6.96E-07
104	0.08509	5.9952E-07	5.1013E-08	3.46E-04	1.77E-11	0.25	1.57E-01	6.94E-13	1,000,000	6.94E-07
105	0.08468	5.9952E-07	5.0768E-08	3.46E-04	1.76E-11	0.25	1.57E-01	6.90E-13	1,000,000	6.90E-07
106	0.08281	5.9952E-07	4.9646E-08	3.46E-04	1.72E-11	0.25	1.57E-01	6.75E-13	1,000,000	6.75E-07
107	0.08227	5.9952E-07	4.9323E-08	3.46E-04	1.71E-11	0.25	1.57E-01	6.71E-13	1,000,000	6.71E-07
108	0.08173	5.9952E-07	4.8999E-08	3.46E-04	1.70E-11	0.25	1.57E-01	6.66E-13	1,000,000	6.66E-07
109	0.08117	5.9952E-07	4.8663E-08	3.46E-04	1.68E-11	0.25	1.57E-01	6.62E-13	1,000,000	6.62E-07
110	0.08059	5.9952E-07	4.8316E-08	3.46E-04	1.67E-11	0.25	1.57E-01	6.57E-13	1,000,000	6.57E-07
111	0.08006	5.9952E-07	4.7998E-08	3.46E-04	1.66E-11	0.25	1.57E-01	6.53E-13	1,000,000	6.53E-07
112	0.0882	5.9952E-07	5.2878E-08	3.46E-04	1.83E-11	0.25	1.57E-01	7.19E-13	1,000,000	7.19E-07
113	0.08816	5.9952E-07	5.2854E-08	3.46E-04	1.83E-11	0.25	1.57E-01	7.19E-13	1,000,000	7.19E-07
114	0.08812	5.9952E-07	5.283E-08	3.46E-04	1.83E-11	0.25	1.57E-01	7.18E-13	1,000,000	7.18E-07
115	0.08797	5.9952E-07	5.274E-08	3.46E-04	1.83E-11	0.25	1.57E-01	7.17E-13	1,000,000	7.17E-07
116	0.08771	5.9952E-07	5.2584E-08	3.46E-04	1.82E-11	0.25	1.57E-01	7.15E-13	1,000,000	7.15E-07
117	0.08745	5.9952E-07	5.2428E-08	3.46E-04	1.81E-11	0.25	1.57E-01	7.13E-13	1,000,000	7.13E-07
118	0.08709	5.9952E-07	5.2212E-08	3.46E-04	1.81E-11	0.25	1.57E-01	7.10E-13	1,000,000	7.10E-07
119	0.08664	5.9952E-07	5.1943E-08	3.46E-04	1.80E-11	0.25	1.57E-01	7.06E-13	1,000,000	7.06E-07
120	0.08515	5.9952E-07	5.1049E-08	3.46E-04	1.77E-11	0.25	1.57E-01	6.94E-13	1,000,000	6.94E-07
121	0.08465	5.9952E-07	5.075E-08	3.46E-04	1.76E-11	0.25	1.57E-01	6.90E-13	1,000,000	6.90E-07
122	0.08408	5.9952E-07	5.0408E-08	3.46E-04	1.74E-11	0.25	1.57E-01	6.86E-13	1,000,000	6.86E-07
123	0.08352	5.9952E-07	5.0072E-08	3.46E-04	1.73E-11	0.25	1.57E-01	6.81E-13	1,000,000	6.81E-07
124	0.08295	5.9952E-07	4.973E-08	3.46E-04	1.72E-11	0.25	1.57E-01	6.76E-13	1,000,000	6.76E-07
125	0.08239	5.9952E-07	4.9395E-08	3.46E-04	1.71E-11	0.25	1.57E-01	6.72E-13	1,000,000	6.72E-07
126	0.09055	5.9952E-07	5.4287E-08	3.46E-04	1.88E-11	0.25	1.57E-01	7.38E-13	1,000,000	7.38E-07
127	0.09055	5.9952E-07	5.4287E-08	3.46E-04	1.88E-11	0.25	1.57E-01	7.38E-13	1,000,000	7.38E-07
128	0.09049	5.9952E-07	5.4251E-08	3.46E-04	1.88E-11	0.25	1.57E-01	7.38E-13	1,000,000	7.38E-07
129	0.09041	5.9952E-07	5.4203E-08	3.46E-04	1.88E-11	0.25	1.57E-01	7.37E-13	1,000,000	7.37E-07
130	0.09017	5.9952E-07	5.4059E-08	3.46E-04	1.87E-11	0.25	1.57E-01	7.35E-13	1,000,000	7.35E-07
131	0.08989	5.9952E-07	5.3891E-08	3.46E-04	1.87E-11	0.25	1.57E-01	7.33E-13	1,000,000	7.33E-07
132	0.08959	5.9952E-07	5.3711E-08	3.46E-04	1.86E-11	0.25	1.57E-01	7.30E-13	1,000,000	7.30E-07

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 6

		Cancer Risk from 3rd Trimester								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
133	0.08915	5.9952E-07	5.3447E-08	3.46E-04	1.85E-11	0.25	1.57E-01	7.27E-13	1,000,000	7.27E-07
134	0.0872	5.9952E-07	5.2278E-08	3.46E-04	1.81E-11	0.25	1.57E-01	7.11E-13	1,000,000	7.11E-07
135	0.08659	5.9952E-07	5.1913E-08	3.46E-04	1.80E-11	0.25	1.57E-01	7.06E-13	1,000,000	7.06E-07
136	0.08598	5.9952E-07	5.1547E-08	3.46E-04	1.78E-11	0.25	1.57E-01	7.01E-13	1,000,000	7.01E-07
137	0.08541	5.9952E-07	5.1205E-08	3.46E-04	1.77E-11	0.25	1.57E-01	6.96E-13	1,000,000	6.96E-07
138	0.08485	5.9952E-07	5.0869E-08	3.46E-04	1.76E-11	0.25	1.57E-01	6.92E-13	1,000,000	6.92E-07
139	0.09303	5.9952E-07	5.5774E-08	3.46E-04	1.93E-11	0.25	1.57E-01	7.58E-13	1,000,000	7.58E-07
140	0.09297	5.9952E-07	5.5738E-08	3.46E-04	1.93E-11	0.25	1.57E-01	7.58E-13	1,000,000	7.58E-07
141	0.0929	5.9952E-07	5.5696E-08	3.46E-04	1.93E-11	0.25	1.57E-01	7.57E-13	1,000,000	7.57E-07
142	0.09274	5.9952E-07	5.56E-08	3.46E-04	1.92E-11	0.25	1.57E-01	7.56E-13	1,000,000	7.56E-07
143	0.09245	5.9952E-07	5.5426E-08	3.46E-04	1.92E-11	0.25	1.57E-01	7.54E-13	1,000,000	7.54E-07
144	0.09215	5.9952E-07	5.5246E-08	3.46E-04	1.91E-11	0.25	1.57E-01	7.51E-13	1,000,000	7.51E-07
145	0.09178	5.9952E-07	5.5024E-08	3.46E-04	1.90E-11	0.25	1.57E-01	7.48E-13	1,000,000	7.48E-07
146	0.0913	5.9952E-07	5.4736E-08	3.46E-04	1.89E-11	0.25	1.57E-01	7.44E-13	1,000,000	7.44E-07
147	0.08979	5.9952E-07	5.3831E-08	3.46E-04	1.86E-11	0.25	1.57E-01	7.32E-13	1,000,000	7.32E-07
148	0.08919	5.9952E-07	5.3471E-08	3.46E-04	1.85E-11	0.25	1.57E-01	7.27E-13	1,000,000	7.27E-07
149	0.08859	5.9952E-07	5.3112E-08	3.46E-04	1.84E-11	0.25	1.57E-01	7.22E-13	1,000,000	7.22E-07
150	0.08799	5.9952E-07	5.2752E-08	3.46E-04	1.83E-11	0.25	1.57E-01	7.17E-13	1,000,000	7.17E-07
151	0.08741	5.9952E-07	5.2404E-08	3.46E-04	1.81E-11	0.25	1.57E-01	7.13E-13	1,000,000	7.13E-07
152	0.09557	5.9952E-07	5.7296E-08	3.46E-04	1.98E-11	0.25	1.57E-01	7.79E-13	1,000,000	7.79E-07
153	0.09558	5.9952E-07	5.7302E-08	3.46E-04	1.98E-11	0.25	1.57E-01	7.79E-13	1,000,000	7.79E-07
154	0.09551	5.9952E-07	5.726E-08	3.46E-04	1.98E-11	0.25	1.57E-01	7.79E-13	1,000,000	7.79E-07
155	0.0954	5.9952E-07	5.7194E-08	3.46E-04	1.98E-11	0.25	1.57E-01	7.78E-13	1,000,000	7.78E-07
156	0.09515	5.9952E-07	5.7045E-08	3.46E-04	1.97E-11	0.25	1.57E-01	7.76E-13	1,000,000	7.76E-07
157	0.09484	5.9952E-07	5.6859E-08	3.46E-04	1.97E-11	0.25	1.57E-01	7.73E-13	1,000,000	7.73E-07
158	0.09448	5.9952E-07	5.6643E-08	3.46E-04	1.96E-11	0.25	1.57E-01	7.70E-13	1,000,000	7.70E-07
159	0.09406	5.9952E-07	5.6391E-08	3.46E-04	1.95E-11	0.25	1.57E-01	7.67E-13	1,000,000	7.67E-07
160	0.09362	5.9952E-07	5.6127E-08	3.46E-04	1.94E-11	0.25	1.57E-01	7.63E-13	1,000,000	7.63E-07
161	0.09309	5.9952E-07	5.581E-08	3.46E-04	1.93E-11	0.25	1.57E-01	7.59E-13	1,000,000	7.59E-07
162	0.09255	5.9952E-07	5.5486E-08	3.46E-04	1.92E-11	0.25	1.57E-01	7.55E-13	1,000,000	7.55E-07
163	0.09197	5.9952E-07	5.5138E-08	3.46E-04	1.91E-11	0.25	1.57E-01	7.50E-13	1,000,000	7.50E-07
164	0.09135	5.9952E-07	5.4766E-08	3.46E-04	1.90E-11	0.25	1.57E-01	7.45E-13	1,000,000	7.45E-07
165	0.09069	5.9952E-07	5.4371E-08	3.46E-04	1.88E-11	0.25	1.57E-01	7.39E-13	1,000,000	7.39E-07

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 6

		Cancer Risk from 3rd Trimester								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
166	0.09007	5.9952E-07	5.3999E-08	3.46E-04	1.87E-11	0.25	1.57E-01	7.34E-13	1,000,000	7.34E-07
167	0.09828	5.9952E-07	5.8921E-08	3.46E-04	2.04E-11	0.25	1.57E-01	8.01E-13	1,000,000	8.01E-07
168	0.09823	5.9952E-07	5.8891E-08	3.46E-04	2.04E-11	0.25	1.57E-01	8.01E-13	1,000,000	8.01E-07
169	0.09814	5.9952E-07	5.8837E-08	3.46E-04	2.04E-11	0.25	1.57E-01	8.00E-13	1,000,000	8.00E-07
170	0.09798	5.9952E-07	5.8741E-08	3.46E-04	2.03E-11	0.25	1.57E-01	7.99E-13	1,000,000	7.99E-07
171	0.09769	5.9952E-07	5.8567E-08	3.46E-04	2.03E-11	0.25	1.57E-01	7.96E-13	1,000,000	7.96E-07
172	0.09736	5.9952E-07	5.837E-08	3.46E-04	2.02E-11	0.25	1.57E-01	7.94E-13	1,000,000	7.94E-07
173	0.09699	5.9952E-07	5.8148E-08	3.46E-04	2.01E-11	0.25	1.57E-01	7.91E-13	1,000,000	7.91E-07
174	0.09657	5.9952E-07	5.7896E-08	3.46E-04	2.00E-11	0.25	1.57E-01	7.87E-13	1,000,000	7.87E-07
175	0.09604	5.9952E-07	5.7578E-08	3.46E-04	1.99E-11	0.25	1.57E-01	7.83E-13	1,000,000	7.83E-07
176	0.09548	5.9952E-07	5.7242E-08	3.46E-04	1.98E-11	0.25	1.57E-01	7.78E-13	1,000,000	7.78E-07
177	0.09487	5.9952E-07	5.6877E-08	3.46E-04	1.97E-11	0.25	1.57E-01	7.73E-13	1,000,000	7.73E-07
178	0.09422	5.9952E-07	5.6487E-08	3.46E-04	1.96E-11	0.25	1.57E-01	7.68E-13	1,000,000	7.68E-07
179	0.09353	5.9952E-07	5.6073E-08	3.46E-04	1.94E-11	0.25	1.57E-01	7.63E-13	1,000,000	7.63E-07
180	0.09289	5.9952E-07	5.569E-08	3.46E-04	1.93E-11	0.25	1.57E-01	7.57E-13	1,000,000	7.57E-07
181	0.10098	5.9952E-07	6.054E-08	3.46E-04	2.10E-11	0.25	1.57E-01	8.23E-13	1,000,000	8.23E-07
182	0.10107	5.9952E-07	6.0594E-08	3.46E-04	2.10E-11	0.25	1.57E-01	8.24E-13	1,000,000	8.24E-07
183	0.101	5.9952E-07	6.0552E-08	3.46E-04	2.10E-11	0.25	1.57E-01	8.23E-13	1,000,000	8.23E-07
184	0.10087	5.9952E-07	6.0474E-08	3.46E-04	2.09E-11	0.25	1.57E-01	8.22E-13	1,000,000	8.22E-07
185	0.10065	5.9952E-07	6.0342E-08	3.46E-04	2.09E-11	0.25	1.57E-01	8.21E-13	1,000,000	8.21E-07
186	0.10034	5.9952E-07	6.0156E-08	3.46E-04	2.08E-11	0.25	1.57E-01	8.18E-13	1,000,000	8.18E-07
187	0.09998	5.9952E-07	5.994E-08	3.46E-04	2.07E-11	0.25	1.57E-01	8.15E-13	1,000,000	8.15E-07
188	0.09955	5.9952E-07	5.9682E-08	3.46E-04	2.07E-11	0.25	1.57E-01	8.12E-13	1,000,000	8.12E-07
189	0.09903	5.9952E-07	5.9371E-08	3.46E-04	2.06E-11	0.25	1.57E-01	8.07E-13	1,000,000	8.07E-07
190	0.09846	5.9952E-07	5.9029E-08	3.46E-04	2.04E-11	0.25	1.57E-01	8.03E-13	1,000,000	8.03E-07
191	0.09785	5.9952E-07	5.8663E-08	3.46E-04	2.03E-11	0.25	1.57E-01	7.98E-13	1,000,000	7.98E-07
192	0.0972	5.9952E-07	5.8274E-08	3.46E-04	2.02E-11	0.25	1.57E-01	7.92E-13	1,000,000	7.92E-07
193	0.09651	5.9952E-07	5.786E-08	3.46E-04	2.00E-11	0.25	1.57E-01	7.87E-13	1,000,000	7.87E-07
194	0.09586	5.9952E-07	5.747E-08	3.46E-04	1.99E-11	0.25	1.57E-01	7.82E-13	1,000,000	7.82E-07
195	0.10404	5.9952E-07	6.2374E-08	3.46E-04	2.16E-11	0.25	1.57E-01	8.48E-13	1,000,000	8.48E-07
196	0.10399	5.9952E-07	6.2344E-08	3.46E-04	2.16E-11	0.25	1.57E-01	8.48E-13	1,000,000	8.48E-07
197	0.10388	5.9952E-07	6.2278E-08	3.46E-04	2.16E-11	0.25	1.57E-01	8.47E-13	1,000,000	8.47E-07
198	0.10376	5.9952E-07	6.2206E-08	3.46E-04	2.15E-11	0.25	1.57E-01	8.46E-13	1,000,000	8.46E-07

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 6

		Cancer Risk from 3rd Trimester								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
199	0.1035	5.9952E-07	6.2051E-08	3.46E-04	2.15E-11	0.25	1.57E-01	8.44E-13	1,000,000	8.44E-07
200	0.10315	5.9952E-07	6.1841E-08	3.46E-04	2.14E-11	0.25	1.57E-01	8.41E-13	1,000,000	8.41E-07
201	0.10272	5.9952E-07	6.1583E-08	3.46E-04	2.13E-11	0.25	1.57E-01	8.37E-13	1,000,000	8.37E-07
202	0.10222	5.9952E-07	6.1283E-08	3.46E-04	2.12E-11	0.25	1.57E-01	8.33E-13	1,000,000	8.33E-07
203	0.10165	5.9952E-07	6.0941E-08	3.46E-04	2.11E-11	0.25	1.57E-01	8.29E-13	1,000,000	8.29E-07
204	0.10104	5.9952E-07	6.0576E-08	3.46E-04	2.10E-11	0.25	1.57E-01	8.24E-13	1,000,000	8.24E-07
205	0.10039	5.9952E-07	6.0186E-08	3.46E-04	2.08E-11	0.25	1.57E-01	8.18E-13	1,000,000	8.18E-07
206	0.09969	5.9952E-07	5.9766E-08	3.46E-04	2.07E-11	0.25	1.57E-01	8.13E-13	1,000,000	8.13E-07
207	0.09901	5.9952E-07	5.9359E-08	3.46E-04	2.05E-11	0.25	1.57E-01	8.07E-13	1,000,000	8.07E-07
208	0.10714	5.9952E-07	6.4233E-08	3.46E-04	2.22E-11	0.25	1.57E-01	8.74E-13	1,000,000	8.74E-07
209	0.10706	5.9952E-07	6.4185E-08	3.46E-04	2.22E-11	0.25	1.57E-01	8.73E-13	1,000,000	8.73E-07
210	0.10693	5.9952E-07	6.4107E-08	3.46E-04	2.22E-11	0.25	1.57E-01	8.72E-13	1,000,000	8.72E-07
211	0.10674	5.9952E-07	6.3993E-08	3.46E-04	2.22E-11	0.25	1.57E-01	8.70E-13	1,000,000	8.70E-07
212	0.10645	5.9952E-07	6.3819E-08	3.46E-04	2.21E-11	0.25	1.57E-01	8.68E-13	1,000,000	8.68E-07
213	0.10605	5.9952E-07	6.3579E-08	3.46E-04	2.20E-11	0.25	1.57E-01	8.65E-13	1,000,000	8.65E-07
214	0.10557	5.9952E-07	6.3292E-08	3.46E-04	2.19E-11	0.25	1.57E-01	8.61E-13	1,000,000	8.61E-07
215	0.10505	5.9952E-07	6.298E-08	3.46E-04	2.18E-11	0.25	1.57E-01	8.56E-13	1,000,000	8.56E-07
216	0.10444	5.9952E-07	6.2614E-08	3.46E-04	2.17E-11	0.25	1.57E-01	8.52E-13	1,000,000	8.52E-07
217	0.10377	5.9952E-07	6.2212E-08	3.46E-04	2.15E-11	0.25	1.57E-01	8.46E-13	1,000,000	8.46E-07
218	0.10305	5.9952E-07	6.1781E-08	3.46E-04	2.14E-11	0.25	1.57E-01	8.40E-13	1,000,000	8.40E-07
219	0.10232	5.9952E-07	6.1343E-08	3.46E-04	2.12E-11	0.25	1.57E-01	8.34E-13	1,000,000	8.34E-07
220	0.10984	5.9952E-07	6.5852E-08	3.46E-04	2.28E-11	0.25	1.57E-01	8.96E-13	1,000,000	8.96E-07
221	0.10948	5.9952E-07	6.5636E-08	3.46E-04	2.27E-11	0.25	1.57E-01	8.93E-13	1,000,000	8.93E-07
222	0.10903	5.9952E-07	6.5366E-08	3.46E-04	2.26E-11	0.25	1.57E-01	8.89E-13	1,000,000	8.89E-07
223	0.10851	5.9952E-07	6.5054E-08	3.46E-04	2.25E-11	0.25	1.57E-01	8.85E-13	1,000,000	8.85E-07
224	0.10792	5.9952E-07	6.47E-08	3.46E-04	2.24E-11	0.25	1.57E-01	8.80E-13	1,000,000	8.80E-07
225	0.10726	5.9952E-07	6.4305E-08	3.46E-04	2.23E-11	0.25	1.57E-01	8.75E-13	1,000,000	8.75E-07
226	0.10655	5.9952E-07	6.3879E-08	3.46E-04	2.21E-11	0.25	1.57E-01	8.69E-13	1,000,000	8.69E-07
227	0.10584	5.9952E-07	6.3453E-08	3.46E-04	2.20E-11	0.25	1.57E-01	8.63E-13	1,000,000	8.63E-07
228	0.11315	5.9952E-07	6.7836E-08	3.46E-04	2.35E-11	0.25	1.57E-01	9.23E-13	1,000,000	9.23E-07
229	0.11274	5.9952E-07	6.759E-08	3.46E-04	2.34E-11	0.25	1.57E-01	9.19E-13	1,000,000	9.19E-07
230	0.11223	5.9952E-07	6.7284E-08	3.46E-04	2.33E-11	0.25	1.57E-01	9.15E-13	1,000,000	9.15E-07
231	0.11166	5.9952E-07	6.6943E-08	3.46E-04	2.32E-11	0.25	1.57E-01	9.10E-13	1,000,000	9.10E-07

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 6

		Cancer Risk from 3rd Trimester								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
232	0.111	5.9952E-07	6.6547E-08	3.46E-04	2.30E-11	0.25	1.57E-01	9.05E-13	1,000,000	9.05E-07
233	0.1103	5.9952E-07	6.6127E-08	3.46E-04	2.29E-11	0.25	1.57E-01	8.99E-13	1,000,000	8.99E-07
234	0.10957	5.9952E-07	6.569E-08	3.46E-04	2.27E-11	0.25	1.57E-01	8.93E-13	1,000,000	8.93E-07
235	0.10714	5.9952E-07	6.4233E-08	3.46E-04	2.22E-11	0.25	1.57E-01	8.74E-13	1,000,000	8.74E-07
236	0.11044	5.9952E-07	6.6211E-08	3.46E-04	2.29E-11	0.25	1.57E-01	9.00E-13	1,000,000	9.00E-07
237	0.11035	5.9952E-07	6.6157E-08	3.46E-04	2.29E-11	0.25	1.57E-01	9.00E-13	1,000,000	9.00E-07
238	0.11021	5.9952E-07	6.6073E-08	3.46E-04	2.29E-11	0.25	1.57E-01	8.99E-13	1,000,000	8.99E-07
239	0.11391	5.9952E-07	6.8292E-08	3.46E-04	2.36E-11	0.25	1.57E-01	9.29E-13	1,000,000	9.29E-07
240	0.11383	5.9952E-07	6.8244E-08	3.46E-04	2.36E-11	0.25	1.57E-01	9.28E-13	1,000,000	9.28E-07
241	0.11361	5.9952E-07	6.8112E-08	3.46E-04	2.36E-11	0.25	1.57E-01	9.26E-13	1,000,000	9.26E-07
242	0.11333	5.9952E-07	6.7944E-08	3.46E-04	2.35E-11	0.25	1.57E-01	9.24E-13	1,000,000	9.24E-07

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 6

		Cancer Risk from 3rd Trimester								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
243	0.26555	5.9952E-07	1.592E-07	3.46E-04	5.51E-11	0.25	1.57E-01	2.17E-12	1,000,000	2.17E-06
244	0.2726	5.9952E-07	1.6343E-07	3.46E-04	5.66E-11	0.25	1.57E-01	2.22E-12	1,000,000	2.22E-06
245	0.27915	5.9952E-07	1.6736E-07	3.46E-04	5.79E-11	0.25	1.57E-01	2.28E-12	1,000,000	2.28E-06
246	0.28506	5.9952E-07	1.709E-07	3.46E-04	5.92E-11	0.25	1.57E-01	2.32E-12	1,000,000	2.32E-06
247	0.29045	5.9952E-07	1.7413E-07	3.46E-04	6.03E-11	0.25	1.57E-01	2.37E-12	1,000,000	2.37E-06
248	0.29516	5.9952E-07	1.7696E-07	3.46E-04	6.13E-11	0.25	1.57E-01	2.41E-12	1,000,000	2.41E-06
249	0.29924	5.9952E-07	1.794E-07	3.46E-04	6.21E-11	0.25	1.57E-01	2.44E-12	1,000,000	2.44E-06
250	0.30258	5.9952E-07	1.814E-07	3.46E-04	6.28E-11	0.25	1.57E-01	2.47E-12	1,000,000	2.47E-06
251	0.30513	5.9952E-07	1.8293E-07	3.46E-04	6.33E-11	0.25	1.57E-01	2.49E-12	1,000,000	2.49E-06
252	0.25984	5.9952E-07	1.5578E-07	3.46E-04	5.39E-11	0.25	1.57E-01	2.12E-12	1,000,000	2.12E-06
253	0.26821	5.9952E-07	1.608E-07	3.46E-04	5.57E-11	0.25	1.57E-01	2.19E-12	1,000,000	2.19E-06
254	0.27643	5.9952E-07	1.6573E-07	3.46E-04	5.74E-11	0.25	1.57E-01	2.25E-12	1,000,000	2.25E-06
255	0.28439	5.9952E-07	1.705E-07	3.46E-04	5.90E-11	0.25	1.57E-01	2.32E-12	1,000,000	2.32E-06
256	0.29193	5.9952E-07	1.7502E-07	3.46E-04	6.06E-11	0.25	1.57E-01	2.38E-12	1,000,000	2.38E-06
257	0.29911	5.9952E-07	1.7932E-07	3.46E-04	6.21E-11	0.25	1.57E-01	2.44E-12	1,000,000	2.44E-06
258	0.30558	5.9952E-07	1.832E-07	3.46E-04	6.34E-11	0.25	1.57E-01	2.49E-12	1,000,000	2.49E-06
259	0.31151	5.9952E-07	1.8676E-07	3.46E-04	6.46E-11	0.25	1.57E-01	2.54E-12	1,000,000	2.54E-06
260	0.31663	5.9952E-07	1.8983E-07	3.46E-04	6.57E-11	0.25	1.57E-01	2.58E-12	1,000,000	2.58E-06
261	0.3209	5.9952E-07	1.9239E-07	3.46E-04	6.66E-11	0.25	1.57E-01	2.62E-12	1,000,000	2.62E-06
262	0.32415	5.9952E-07	1.9434E-07	3.46E-04	6.73E-11	0.25	1.57E-01	2.64E-12	1,000,000	2.64E-06
263	0.26853	5.9952E-07	1.6099E-07	3.46E-04	5.57E-11	0.25	1.57E-01	2.19E-12	1,000,000	2.19E-06
264	0.27815	5.9952E-07	1.6676E-07	3.46E-04	5.77E-11	0.25	1.57E-01	2.27E-12	1,000,000	2.27E-06
265	0.2875	5.9952E-07	1.7236E-07	3.46E-04	5.97E-11	0.25	1.57E-01	2.34E-12	1,000,000	2.34E-06
266	0.29671	5.9952E-07	1.7788E-07	3.46E-04	6.16E-11	0.25	1.57E-01	2.42E-12	1,000,000	2.42E-06
267	0.30552	5.9952E-07	1.8317E-07	3.46E-04	6.34E-11	0.25	1.57E-01	2.49E-12	1,000,000	2.49E-06
268	0.314	5.9952E-07	1.8825E-07	3.46E-04	6.52E-11	0.25	1.57E-01	2.56E-12	1,000,000	2.56E-06
269	0.32173	5.9952E-07	1.9288E-07	3.46E-04	6.68E-11	0.25	1.57E-01	2.62E-12	1,000,000	2.62E-06
270	0.32888	5.9952E-07	1.9717E-07	3.46E-04	6.83E-11	0.25	1.57E-01	2.68E-12	1,000,000	2.68E-06
271	0.33511	5.9952E-07	2.0091E-07	3.46E-04	6.95E-11	0.25	1.57E-01	2.73E-12	1,000,000	2.73E-06
272	0.34046	5.9952E-07	2.0411E-07	3.46E-04	7.07E-11	0.25	1.57E-01	2.78E-12	1,000,000	2.78E-06
273	0.34479	5.9952E-07	2.0671E-07	3.46E-04	7.16E-11	0.25	1.57E-01	2.81E-12	1,000,000	2.81E-06
274	0.34867	5.9952E-07	2.0904E-07	3.46E-04	7.24E-11	0.25	1.57E-01	2.84E-12	1,000,000	2.84E-06
275	0.2774	5.9952E-07	1.6631E-07	3.46E-04	5.76E-11	0.25	1.57E-01	2.26E-12	1,000,000	2.26E-06

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 6

		Cancer Risk from 3rd Trimester								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
276	0.2881	5.9952E-07	1.7272E-07	3.46E-04	5.98E-11	0.25	1.57E-01	2.35E-12	1,000,000	2.35E-06
277	0.29878	5.9952E-07	1.7913E-07	3.46E-04	6.20E-11	0.25	1.57E-01	2.44E-12	1,000,000	2.44E-06
278	0.30933	5.9952E-07	1.8545E-07	3.46E-04	6.42E-11	0.25	1.57E-01	2.52E-12	1,000,000	2.52E-06
279	0.3196	5.9952E-07	1.9161E-07	3.46E-04	6.63E-11	0.25	1.57E-01	2.61E-12	1,000,000	2.61E-06
280	0.32948	5.9952E-07	1.9753E-07	3.46E-04	6.84E-11	0.25	1.57E-01	2.69E-12	1,000,000	2.69E-06
281	0.33886	5.9952E-07	2.0315E-07	3.46E-04	7.03E-11	0.25	1.57E-01	2.76E-12	1,000,000	2.76E-06
282	0.34739	5.9952E-07	2.0827E-07	3.46E-04	7.21E-11	0.25	1.57E-01	2.83E-12	1,000,000	2.83E-06
283	0.35503	5.9952E-07	2.1285E-07	3.46E-04	7.37E-11	0.25	1.57E-01	2.89E-12	1,000,000	2.89E-06
284	0.36176	5.9952E-07	2.1688E-07	3.46E-04	7.51E-11	0.25	1.57E-01	2.95E-12	1,000,000	2.95E-06
285	0.36749	5.9952E-07	2.2032E-07	3.46E-04	7.63E-11	0.25	1.57E-01	3.00E-12	1,000,000	3.00E-06
286	0.37216	5.9952E-07	2.2312E-07	3.46E-04	7.72E-11	0.25	1.57E-01	3.03E-12	1,000,000	3.03E-06
287	0.28623	5.9952E-07	1.716E-07	3.46E-04	5.94E-11	0.25	1.57E-01	2.33E-12	1,000,000	2.33E-06
288	0.29821	5.9952E-07	1.7878E-07	3.46E-04	6.19E-11	0.25	1.57E-01	2.43E-12	1,000,000	2.43E-06
289	0.31033	5.9952E-07	1.8605E-07	3.46E-04	6.44E-11	0.25	1.57E-01	2.53E-12	1,000,000	2.53E-06
290	0.32235	5.9952E-07	1.9326E-07	3.46E-04	6.69E-11	0.25	1.57E-01	2.63E-12	1,000,000	2.63E-06
291	0.33421	5.9952E-07	2.0037E-07	3.46E-04	6.94E-11	0.25	1.57E-01	2.72E-12	1,000,000	2.72E-06
292	0.34561	5.9952E-07	2.072E-07	3.46E-04	7.17E-11	0.25	1.57E-01	2.82E-12	1,000,000	2.82E-06
293	0.3566	5.9952E-07	2.1379E-07	3.46E-04	7.40E-11	0.25	1.57E-01	2.91E-12	1,000,000	2.91E-06
294	0.36678	5.9952E-07	2.1989E-07	3.46E-04	7.61E-11	0.25	1.57E-01	2.99E-12	1,000,000	2.99E-06
295	0.37606	5.9952E-07	2.2546E-07	3.46E-04	7.80E-11	0.25	1.57E-01	3.07E-12	1,000,000	3.07E-06
296	0.3844	5.9952E-07	2.3046E-07	3.46E-04	7.98E-11	0.25	1.57E-01	3.13E-12	1,000,000	3.13E-06
297	0.39175	5.9952E-07	2.3486E-07	3.46E-04	8.13E-11	0.25	1.57E-01	3.19E-12	1,000,000	3.19E-06
298	0.39779	5.9952E-07	2.3848E-07	3.46E-04	8.26E-11	0.25	1.57E-01	3.24E-12	1,000,000	3.24E-06
299	0.29503	5.9952E-07	1.7688E-07	3.46E-04	6.12E-11	0.25	1.57E-01	2.41E-12	1,000,000	2.41E-06
300	0.30829	5.9952E-07	1.8483E-07	3.46E-04	6.40E-11	0.25	1.57E-01	2.51E-12	1,000,000	2.51E-06
301	0.32189	5.9952E-07	1.9298E-07	3.46E-04	6.68E-11	0.25	1.57E-01	2.62E-12	1,000,000	2.62E-06
302	0.33553	5.9952E-07	2.0116E-07	3.46E-04	6.96E-11	0.25	1.57E-01	2.74E-12	1,000,000	2.74E-06
303	0.34899	5.9952E-07	2.0923E-07	3.46E-04	7.24E-11	0.25	1.57E-01	2.85E-12	1,000,000	2.85E-06
304	0.36241	5.9952E-07	2.1727E-07	3.46E-04	7.52E-11	0.25	1.57E-01	2.95E-12	1,000,000	2.95E-06
305	0.37514	5.9952E-07	2.249E-07	3.46E-04	7.79E-11	0.25	1.57E-01	3.06E-12	1,000,000	3.06E-06
306	0.38731	5.9952E-07	2.322E-07	3.46E-04	8.04E-11	0.25	1.57E-01	3.16E-12	1,000,000	3.16E-06
307	0.3986	5.9952E-07	2.3897E-07	3.46E-04	8.27E-11	0.25	1.57E-01	3.25E-12	1,000,000	3.25E-06
308	0.40897	5.9952E-07	2.4519E-07	3.46E-04	8.49E-11	0.25	1.57E-01	3.33E-12	1,000,000	3.33E-06

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 6

		Cancer Risk from 3rd Trimester								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
309	0.41827	5.9952E-07	2.5076E-07	3.46E-04	8.68E-11	0.25	1.57E-01	3.41E-12	1,000,000	3.41E-06
310	0.42589	5.9952E-07	2.5533E-07	3.46E-04	8.84E-11	0.25	1.57E-01	3.47E-12	1,000,000	3.47E-06
311	0.30372	5.9952E-07	1.8209E-07	3.46E-04	6.30E-11	0.25	1.57E-01	2.48E-12	1,000,000	2.48E-06
312	0.31828	5.9952E-07	1.9082E-07	3.46E-04	6.61E-11	0.25	1.57E-01	2.59E-12	1,000,000	2.59E-06
313	0.3333	5.9952E-07	1.9982E-07	3.46E-04	6.92E-11	0.25	1.57E-01	2.72E-12	1,000,000	2.72E-06
314	0.34864	5.9952E-07	2.0902E-07	3.46E-04	7.24E-11	0.25	1.57E-01	2.84E-12	1,000,000	2.84E-06
315	0.36422	5.9952E-07	2.1836E-07	3.46E-04	7.56E-11	0.25	1.57E-01	2.97E-12	1,000,000	2.97E-06
316	0.37972	5.9952E-07	2.2765E-07	3.46E-04	7.88E-11	0.25	1.57E-01	3.10E-12	1,000,000	3.10E-06
317	0.39464	5.9952E-07	2.366E-07	3.46E-04	8.19E-11	0.25	1.57E-01	3.22E-12	1,000,000	3.22E-06
318	0.40915	5.9952E-07	2.4529E-07	3.46E-04	8.49E-11	0.25	1.57E-01	3.34E-12	1,000,000	3.34E-06
319	0.42272	5.9952E-07	2.5343E-07	3.46E-04	8.77E-11	0.25	1.57E-01	3.45E-12	1,000,000	3.45E-06
320	0.43547	5.9952E-07	2.6107E-07	3.46E-04	9.04E-11	0.25	1.57E-01	3.55E-12	1,000,000	3.55E-06
321	0.44685	5.9952E-07	2.679E-07	3.46E-04	9.27E-11	0.25	1.57E-01	3.64E-12	1,000,000	3.64E-06
322	0.45669	5.9952E-07	2.738E-07	3.46E-04	9.48E-11	0.25	1.57E-01	3.72E-12	1,000,000	3.72E-06
323	0.31236	5.9952E-07	1.8727E-07	3.46E-04	6.48E-11	0.25	1.57E-01	2.55E-12	1,000,000	2.55E-06
324	0.3284	5.9952E-07	1.9688E-07	3.46E-04	6.82E-11	0.25	1.57E-01	2.68E-12	1,000,000	2.68E-06
325	0.34504	5.9952E-07	2.0686E-07	3.46E-04	7.16E-11	0.25	1.57E-01	2.81E-12	1,000,000	2.81E-06
326	0.36255	5.9952E-07	2.1736E-07	3.46E-04	7.52E-11	0.25	1.57E-01	2.96E-12	1,000,000	2.96E-06
327	0.37965	5.9952E-07	2.2761E-07	3.46E-04	7.88E-11	0.25	1.57E-01	3.10E-12	1,000,000	3.10E-06
328	0.39727	5.9952E-07	2.3817E-07	3.46E-04	8.24E-11	0.25	1.57E-01	3.24E-12	1,000,000	3.24E-06
329	0.41415	5.9952E-07	2.4829E-07	3.46E-04	8.59E-11	0.25	1.57E-01	3.38E-12	1,000,000	3.38E-06
330	0.43171	5.9952E-07	2.5882E-07	3.46E-04	8.96E-11	0.25	1.57E-01	3.52E-12	1,000,000	3.52E-06
331	0.4482	5.9952E-07	2.6871E-07	3.46E-04	9.30E-11	0.25	1.57E-01	3.65E-12	1,000,000	3.65E-06
332	0.46364	5.9952E-07	2.7796E-07	3.46E-04	9.62E-11	0.25	1.57E-01	3.78E-12	1,000,000	3.78E-06
333	0.47781	5.9952E-07	2.8646E-07	3.46E-04	9.92E-11	0.25	1.57E-01	3.90E-12	1,000,000	3.90E-06
334	0.49081	5.9952E-07	2.9425E-07	3.46E-04	1.02E-10	0.25	1.57E-01	4.00E-12	1,000,000	4.00E-06
335	0.321	5.9952E-07	1.9245E-07	3.46E-04	6.66E-11	0.25	1.57E-01	2.62E-12	1,000,000	2.62E-06
336	0.33847	5.9952E-07	2.0292E-07	3.46E-04	7.02E-11	0.25	1.57E-01	2.76E-12	1,000,000	2.76E-06
337	0.35681	5.9952E-07	2.1392E-07	3.46E-04	7.40E-11	0.25	1.57E-01	2.91E-12	1,000,000	2.91E-06
338	0.37618	5.9952E-07	2.2553E-07	3.46E-04	7.81E-11	0.25	1.57E-01	3.07E-12	1,000,000	3.07E-06
339	0.39546	5.9952E-07	2.3709E-07	3.46E-04	8.21E-11	0.25	1.57E-01	3.22E-12	1,000,000	3.22E-06
340	0.4155	5.9952E-07	2.491E-07	3.46E-04	8.62E-11	0.25	1.57E-01	3.39E-12	1,000,000	3.39E-06
341	0.43509	5.9952E-07	2.6085E-07	3.46E-04	9.03E-11	0.25	1.57E-01	3.55E-12	1,000,000	3.55E-06

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 6

	Cancer Risk from Birth to 2 years								
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
1	5.9952E-07	4.9011E-08	1.05E-03	5.12E-11	2.00	1.57E-01	1.61E-11	1,000,000	1.6E-05
2	5.9952E-07	4.8453E-08	1.05E-03	5.06E-11	2.00	1.57E-01	1.59E-11	1,000,000	1.59E-05
3	5.9952E-07	4.8729E-08	1.05E-03	5.09E-11	2.00	1.57E-01	1.60E-11	1,000,000	1.60E-05
4	5.9952E-07	4.9395E-08	1.05E-03	5.16E-11	2.00	1.57E-01	1.62E-11	1,000,000	1.62E-05
5	5.9952E-07	4.9964E-08	1.05E-03	5.22E-11	2.00	1.57E-01	1.64E-11	1,000,000	1.64E-05
6	5.9952E-07	5.0312E-08	1.05E-03	5.26E-11	2.00	1.57E-01	1.65E-11	1,000,000	1.65E-05
7	5.9952E-07	5.0959E-08	1.05E-03	5.33E-11	2.00	1.57E-01	1.67E-11	1,000,000	1.67E-05
8	5.9952E-07	3.97E-08	1.05E-03	4.15E-11	2.00	1.57E-01	1.30E-11	1,000,000	1.30E-05
9	5.9952E-07	3.9473E-08	1.05E-03	4.13E-11	2.00	1.57E-01	1.30E-11	1,000,000	1.30E-05
10	5.9952E-07	3.9197E-08	1.05E-03	4.10E-11	2.00	1.57E-01	1.29E-11	1,000,000	1.29E-05
11	5.9952E-07	3.8927E-08	1.05E-03	4.07E-11	2.00	1.57E-01	1.28E-11	1,000,000	1.28E-05
12	5.9952E-07	3.8663E-08	1.05E-03	4.04E-11	2.00	1.57E-01	1.27E-11	1,000,000	1.27E-05
13	5.9952E-07	3.8405E-08	1.05E-03	4.01E-11	2.00	1.57E-01	1.26E-11	1,000,000	1.26E-05
14	5.9952E-07	3.8154E-08	1.05E-03	3.99E-11	2.00	1.57E-01	1.25E-11	1,000,000	1.25E-05
15	5.9952E-07	3.7908E-08	1.05E-03	3.96E-11	2.00	1.57E-01	1.25E-11	1,000,000	1.25E-05
16	5.9952E-07	4.0702E-08	1.05E-03	4.25E-11	2.00	1.57E-01	1.34E-11	1,000,000	1.34E-05
17	5.9952E-07	4.0462E-08	1.05E-03	4.23E-11	2.00	1.57E-01	1.33E-11	1,000,000	1.33E-05
18	5.9952E-07	4.018E-08	1.05E-03	4.20E-11	2.00	1.57E-01	1.32E-11	1,000,000	1.32E-05
19	5.9952E-07	3.9898E-08	1.05E-03	4.17E-11	2.00	1.57E-01	1.31E-11	1,000,000	1.31E-05
20	5.9952E-07	3.9634E-08	1.05E-03	4.14E-11	2.00	1.57E-01	1.30E-11	1,000,000	1.30E-05
21	5.9952E-07	3.9359E-08	1.05E-03	4.11E-11	2.00	1.57E-01	1.29E-11	1,000,000	1.29E-05
22	5.9952E-07	3.9089E-08	1.05E-03	4.09E-11	2.00	1.57E-01	1.28E-11	1,000,000	1.28E-05
23	5.9952E-07	3.8843E-08	1.05E-03	4.06E-11	2.00	1.57E-01	1.28E-11	1,000,000	1.28E-05
24	5.9952E-07	4.1199E-08	1.05E-03	4.31E-11	2.00	1.57E-01	1.35E-11	1,000,000	1.35E-05
25	5.9952E-07	4.0911E-08	1.05E-03	4.28E-11	2.00	1.57E-01	1.34E-11	1,000,000	1.34E-05
26	5.9952E-07	4.0648E-08	1.05E-03	4.25E-11	2.00	1.57E-01	1.34E-11	1,000,000	1.34E-05
27	5.9952E-07	4.036E-08	1.05E-03	4.22E-11	2.00	1.57E-01	1.33E-11	1,000,000	1.33E-05
28	5.9952E-07	4.0078E-08	1.05E-03	4.19E-11	2.00	1.57E-01	1.32E-11	1,000,000	1.32E-05
29	5.9952E-07	3.9826E-08	1.05E-03	4.16E-11	2.00	1.57E-01	1.31E-11	1,000,000	1.31E-05
30	5.9952E-07	4.2266E-08	1.05E-03	4.42E-11	2.00	1.57E-01	1.39E-11	1,000,000	1.39E-05
31	5.9952E-07	4.1967E-08	1.05E-03	4.39E-11	2.00	1.57E-01	1.38E-11	1,000,000	1.38E-05
32	5.9952E-07	4.1691E-08	1.05E-03	4.36E-11	2.00	1.57E-01	1.37E-11	1,000,000	1.37E-05
33	5.9952E-07	4.1397E-08	1.05E-03	4.33E-11	2.00	1.57E-01	1.36E-11	1,000,000	1.36E-05

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 6

					Cancer Risk from Birth to 2 years				
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
34	5.9952E-07	4.1103E-08	1.05E-03	4.30E-11	2.00	1.57E-01	1.35E-11	1,000,000	1.35E-05
35	5.9952E-07	4.0839E-08	1.05E-03	4.27E-11	2.00	1.57E-01	1.34E-11	1,000,000	1.34E-05
36	5.9952E-07	4.3363E-08	1.05E-03	4.53E-11	2.00	1.57E-01	1.42E-11	1,000,000	1.42E-05
37	5.9952E-07	4.3058E-08	1.05E-03	4.50E-11	2.00	1.57E-01	1.41E-11	1,000,000	1.41E-05
38	5.9952E-07	4.2776E-08	1.05E-03	4.47E-11	2.00	1.57E-01	1.41E-11	1,000,000	1.41E-05
39	5.9952E-07	4.2476E-08	1.05E-03	4.44E-11	2.00	1.57E-01	1.40E-11	1,000,000	1.40E-05
40	5.9952E-07	4.217E-08	1.05E-03	4.41E-11	2.00	1.57E-01	1.39E-11	1,000,000	1.39E-05
41	5.9952E-07	4.1895E-08	1.05E-03	4.38E-11	2.00	1.57E-01	1.38E-11	1,000,000	1.38E-05
42	5.9952E-07	4.6775E-08	1.05E-03	4.89E-11	2.00	1.57E-01	1.54E-11	1,000,000	1.54E-05
43	5.9952E-07	4.6709E-08	1.05E-03	4.88E-11	2.00	1.57E-01	1.53E-11	1,000,000	1.53E-05
44	5.9952E-07	4.6613E-08	1.05E-03	4.87E-11	2.00	1.57E-01	1.53E-11	1,000,000	1.53E-05
45	5.9952E-07	4.6499E-08	1.05E-03	4.86E-11	2.00	1.57E-01	1.53E-11	1,000,000	1.53E-05
46	5.9952E-07	4.6373E-08	1.05E-03	4.85E-11	2.00	1.57E-01	1.52E-11	1,000,000	1.52E-05
47	5.9952E-07	4.6235E-08	1.05E-03	4.83E-11	2.00	1.57E-01	1.52E-11	1,000,000	1.52E-05
48	5.9952E-07	4.6049E-08	1.05E-03	4.81E-11	2.00	1.57E-01	1.51E-11	1,000,000	1.51E-05
49	5.9952E-07	4.4515E-08	1.05E-03	4.65E-11	2.00	1.57E-01	1.46E-11	1,000,000	1.46E-05
50	5.9952E-07	4.4203E-08	1.05E-03	4.62E-11	2.00	1.57E-01	1.45E-11	1,000,000	1.45E-05
51	5.9952E-07	4.3909E-08	1.05E-03	4.59E-11	2.00	1.57E-01	1.44E-11	1,000,000	1.44E-05
52	5.9952E-07	4.3597E-08	1.05E-03	4.56E-11	2.00	1.57E-01	1.43E-11	1,000,000	1.43E-05
53	5.9952E-07	4.3286E-08	1.05E-03	4.52E-11	2.00	1.57E-01	1.42E-11	1,000,000	1.42E-05
54	5.9952E-07	4.3004E-08	1.05E-03	4.49E-11	2.00	1.57E-01	1.41E-11	1,000,000	1.41E-05
55	5.9952E-07	4.786E-08	1.05E-03	5.00E-11	2.00	1.57E-01	1.57E-11	1,000,000	1.57E-05
56	5.9952E-07	4.7896E-08	1.05E-03	5.01E-11	2.00	1.57E-01	1.57E-11	1,000,000	1.57E-05
57	5.9952E-07	4.7854E-08	1.05E-03	5.00E-11	2.00	1.57E-01	1.57E-11	1,000,000	1.57E-05
58	5.9952E-07	4.78E-08	1.05E-03	5.00E-11	2.00	1.57E-01	1.57E-11	1,000,000	1.57E-05
59	5.9952E-07	4.7698E-08	1.05E-03	4.99E-11	2.00	1.57E-01	1.57E-11	1,000,000	1.57E-05
60	5.9952E-07	4.7566E-08	1.05E-03	4.97E-11	2.00	1.57E-01	1.56E-11	1,000,000	1.56E-05
61	5.9952E-07	4.744E-08	1.05E-03	4.96E-11	2.00	1.57E-01	1.56E-11	1,000,000	1.56E-05
62	5.9952E-07	4.7266E-08	1.05E-03	4.94E-11	2.00	1.57E-01	1.55E-11	1,000,000	1.55E-05
63	5.9952E-07	4.7045E-08	1.05E-03	4.92E-11	2.00	1.57E-01	1.55E-11	1,000,000	1.55E-05
64	5.9952E-07	4.572E-08	1.05E-03	4.78E-11	2.00	1.57E-01	1.50E-11	1,000,000	1.50E-05
65	5.9952E-07	4.539E-08	1.05E-03	4.74E-11	2.00	1.57E-01	1.49E-11	1,000,000	1.49E-05
66	5.9952E-07	4.5078E-08	1.05E-03	4.71E-11	2.00	1.57E-01	1.48E-11	1,000,000	1.48E-05

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 6

					Cancer Risk from Birth to 2 years				
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
67	5.9952E-07	4.4772E-08	1.05E-03	4.68E-11	2.00	1.57E-01	1.47E-11	1,000,000	1.47E-05
68	5.9952E-07	4.4443E-08	1.05E-03	4.65E-11	2.00	1.57E-01	1.46E-11	1,000,000	1.46E-05
69	5.9952E-07	4.4149E-08	1.05E-03	4.61E-11	2.00	1.57E-01	1.45E-11	1,000,000	1.45E-05
70	5.9952E-07	4.9065E-08	1.05E-03	5.13E-11	2.00	1.57E-01	1.61E-11	1,000,000	1.61E-05
71	5.9952E-07	4.9041E-08	1.05E-03	5.13E-11	2.00	1.57E-01	1.61E-11	1,000,000	1.61E-05
72	5.9952E-07	4.8999E-08	1.05E-03	5.12E-11	2.00	1.57E-01	1.61E-11	1,000,000	1.61E-05
73	5.9952E-07	4.8933E-08	1.05E-03	5.11E-11	2.00	1.57E-01	1.61E-11	1,000,000	1.61E-05
74	5.9952E-07	4.8813E-08	1.05E-03	5.10E-11	2.00	1.57E-01	1.60E-11	1,000,000	1.60E-05
75	5.9952E-07	4.8669E-08	1.05E-03	5.09E-11	2.00	1.57E-01	1.60E-11	1,000,000	1.60E-05
76	5.9952E-07	4.8531E-08	1.05E-03	5.07E-11	2.00	1.57E-01	1.59E-11	1,000,000	1.59E-05
77	5.9952E-07	4.8316E-08	1.05E-03	5.05E-11	2.00	1.57E-01	1.59E-11	1,000,000	1.59E-05
78	5.9952E-07	4.6649E-08	1.05E-03	4.88E-11	2.00	1.57E-01	1.53E-11	1,000,000	1.53E-05
79	5.9952E-07	4.6337E-08	1.05E-03	4.84E-11	2.00	1.57E-01	1.52E-11	1,000,000	1.52E-05
80	5.9952E-07	4.6013E-08	1.05E-03	4.81E-11	2.00	1.57E-01	1.51E-11	1,000,000	1.51E-05
81	5.9952E-07	4.5678E-08	1.05E-03	4.77E-11	2.00	1.57E-01	1.50E-11	1,000,000	1.50E-05
82	5.9952E-07	4.5372E-08	1.05E-03	4.74E-11	2.00	1.57E-01	1.49E-11	1,000,000	1.49E-05
83	5.9952E-07	5.0222E-08	1.05E-03	5.25E-11	2.00	1.57E-01	1.65E-11	1,000,000	1.65E-05
84	5.9952E-07	5.027E-08	1.05E-03	5.25E-11	2.00	1.57E-01	1.65E-11	1,000,000	1.65E-05
85	5.9952E-07	5.024E-08	1.05E-03	5.25E-11	2.00	1.57E-01	1.65E-11	1,000,000	1.65E-05
86	5.9952E-07	5.0198E-08	1.05E-03	5.25E-11	2.00	1.57E-01	1.65E-11	1,000,000	1.65E-05
87	5.9952E-07	5.0108E-08	1.05E-03	5.24E-11	2.00	1.57E-01	1.65E-11	1,000,000	1.65E-05
88	5.9952E-07	4.997E-08	1.05E-03	5.22E-11	2.00	1.57E-01	1.64E-11	1,000,000	1.64E-05
89	5.9952E-07	4.9832E-08	1.05E-03	5.21E-11	2.00	1.57E-01	1.64E-11	1,000,000	1.64E-05
90	5.9952E-07	4.964E-08	1.05E-03	5.19E-11	2.00	1.57E-01	1.63E-11	1,000,000	1.63E-05
91	5.9952E-07	4.9401E-08	1.05E-03	5.16E-11	2.00	1.57E-01	1.62E-11	1,000,000	1.62E-05
92	5.9952E-07	4.8292E-08	1.05E-03	5.05E-11	2.00	1.57E-01	1.59E-11	1,000,000	1.59E-05
93	5.9952E-07	4.7962E-08	1.05E-03	5.01E-11	2.00	1.57E-01	1.58E-11	1,000,000	1.58E-05
94	5.9952E-07	4.7644E-08	1.05E-03	4.98E-11	2.00	1.57E-01	1.57E-11	1,000,000	1.57E-05
95	5.9952E-07	4.7308E-08	1.05E-03	4.94E-11	2.00	1.57E-01	1.55E-11	1,000,000	1.55E-05
96	5.9952E-07	4.6967E-08	1.05E-03	4.91E-11	2.00	1.57E-01	1.54E-11	1,000,000	1.54E-05
97	5.9952E-07	4.6649E-08	1.05E-03	4.88E-11	2.00	1.57E-01	1.53E-11	1,000,000	1.53E-05
98	5.9952E-07	5.1553E-08	1.05E-03	5.39E-11	2.00	1.57E-01	1.69E-11	1,000,000	1.69E-05
99	5.9952E-07	5.1529E-08	1.05E-03	5.39E-11	2.00	1.57E-01	1.69E-11	1,000,000	1.69E-05

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 6

					Cancer Risk from Birth to 2 years				
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
100	5.9952E-07	5.1487E-08	1.05E-03	5.38E-11	2.00	1.57E-01	1.69E-11	1,000,000	1.69E-05
101	5.9952E-07	5.1457E-08	1.05E-03	5.38E-11	2.00	1.57E-01	1.69E-11	1,000,000	1.69E-05
102	5.9952E-07	5.1325E-08	1.05E-03	5.36E-11	2.00	1.57E-01	1.69E-11	1,000,000	1.69E-05
103	5.9952E-07	5.1175E-08	1.05E-03	5.35E-11	2.00	1.57E-01	1.68E-11	1,000,000	1.68E-05
104	5.9952E-07	5.1013E-08	1.05E-03	5.33E-11	2.00	1.57E-01	1.68E-11	1,000,000	1.68E-05
105	5.9952E-07	5.0768E-08	1.05E-03	5.31E-11	2.00	1.57E-01	1.67E-11	1,000,000	1.67E-05
106	5.9952E-07	4.9646E-08	1.05E-03	5.19E-11	2.00	1.57E-01	1.63E-11	1,000,000	1.63E-05
107	5.9952E-07	4.9323E-08	1.05E-03	5.16E-11	2.00	1.57E-01	1.62E-11	1,000,000	1.62E-05
108	5.9952E-07	4.8999E-08	1.05E-03	5.12E-11	2.00	1.57E-01	1.61E-11	1,000,000	1.61E-05
109	5.9952E-07	4.8663E-08	1.05E-03	5.09E-11	2.00	1.57E-01	1.60E-11	1,000,000	1.60E-05
110	5.9952E-07	4.8316E-08	1.05E-03	5.05E-11	2.00	1.57E-01	1.59E-11	1,000,000	1.59E-05
111	5.9952E-07	4.7998E-08	1.05E-03	5.02E-11	2.00	1.57E-01	1.58E-11	1,000,000	1.58E-05
112	5.9952E-07	5.2878E-08	1.05E-03	5.53E-11	2.00	1.57E-01	1.74E-11	1,000,000	1.74E-05
113	5.9952E-07	5.2854E-08	1.05E-03	5.52E-11	2.00	1.57E-01	1.74E-11	1,000,000	1.74E-05
114	5.9952E-07	5.283E-08	1.05E-03	5.52E-11	2.00	1.57E-01	1.74E-11	1,000,000	1.74E-05
115	5.9952E-07	5.274E-08	1.05E-03	5.51E-11	2.00	1.57E-01	1.73E-11	1,000,000	1.73E-05
116	5.9952E-07	5.2584E-08	1.05E-03	5.50E-11	2.00	1.57E-01	1.73E-11	1,000,000	1.73E-05
117	5.9952E-07	5.2428E-08	1.05E-03	5.48E-11	2.00	1.57E-01	1.72E-11	1,000,000	1.72E-05
118	5.9952E-07	5.2212E-08	1.05E-03	5.46E-11	2.00	1.57E-01	1.72E-11	1,000,000	1.72E-05
119	5.9952E-07	5.1943E-08	1.05E-03	5.43E-11	2.00	1.57E-01	1.71E-11	1,000,000	1.71E-05
120	5.9952E-07	5.1049E-08	1.05E-03	5.34E-11	2.00	1.57E-01	1.68E-11	1,000,000	1.68E-05
121	5.9952E-07	5.075E-08	1.05E-03	5.30E-11	2.00	1.57E-01	1.67E-11	1,000,000	1.67E-05
122	5.9952E-07	5.0408E-08	1.05E-03	5.27E-11	2.00	1.57E-01	1.66E-11	1,000,000	1.66E-05
123	5.9952E-07	5.0072E-08	1.05E-03	5.23E-11	2.00	1.57E-01	1.64E-11	1,000,000	1.64E-05
124	5.9952E-07	4.973E-08	1.05E-03	5.20E-11	2.00	1.57E-01	1.63E-11	1,000,000	1.63E-05
125	5.9952E-07	4.9395E-08	1.05E-03	5.16E-11	2.00	1.57E-01	1.62E-11	1,000,000	1.62E-05
126	5.9952E-07	5.4287E-08	1.05E-03	5.67E-11	2.00	1.57E-01	1.78E-11	1,000,000	1.78E-05
127	5.9952E-07	5.4287E-08	1.05E-03	5.67E-11	2.00	1.57E-01	1.78E-11	1,000,000	1.78E-05
128	5.9952E-07	5.4251E-08	1.05E-03	5.67E-11	2.00	1.57E-01	1.78E-11	1,000,000	1.78E-05
129	5.9952E-07	5.4203E-08	1.05E-03	5.67E-11	2.00	1.57E-01	1.78E-11	1,000,000	1.78E-05
130	5.9952E-07	5.4059E-08	1.05E-03	5.65E-11	2.00	1.57E-01	1.78E-11	1,000,000	1.78E-05
131	5.9952E-07	5.3891E-08	1.05E-03	5.63E-11	2.00	1.57E-01	1.77E-11	1,000,000	1.77E-05
132	5.9952E-07	5.3711E-08	1.05E-03	5.61E-11	2.00	1.57E-01	1.76E-11	1,000,000	1.76E-05

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 6

	Cancer Risk from Birth to 2 years								
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
133	5.9952E-07	5.3447E-08	1.05E-03	5.59E-11	2.00	1.57E-01	1.76E-11	1,000,000	1.76E-05
134	5.9952E-07	5.2278E-08	1.05E-03	5.46E-11	2.00	1.57E-01	1.72E-11	1,000,000	1.72E-05
135	5.9952E-07	5.1913E-08	1.05E-03	5.43E-11	2.00	1.57E-01	1.71E-11	1,000,000	1.71E-05
136	5.9952E-07	5.1547E-08	1.05E-03	5.39E-11	2.00	1.57E-01	1.69E-11	1,000,000	1.69E-05
137	5.9952E-07	5.1205E-08	1.05E-03	5.35E-11	2.00	1.57E-01	1.68E-11	1,000,000	1.68E-05
138	5.9952E-07	5.0869E-08	1.05E-03	5.32E-11	2.00	1.57E-01	1.67E-11	1,000,000	1.67E-05
139	5.9952E-07	5.5774E-08	1.05E-03	5.83E-11	2.00	1.57E-01	1.83E-11	1,000,000	1.83E-05
140	5.9952E-07	5.5738E-08	1.05E-03	5.83E-11	2.00	1.57E-01	1.83E-11	1,000,000	1.83E-05
141	5.9952E-07	5.5696E-08	1.05E-03	5.82E-11	2.00	1.57E-01	1.83E-11	1,000,000	1.83E-05
142	5.9952E-07	5.56E-08	1.05E-03	5.81E-11	2.00	1.57E-01	1.83E-11	1,000,000	1.83E-05
143	5.9952E-07	5.5426E-08	1.05E-03	5.79E-11	2.00	1.57E-01	1.82E-11	1,000,000	1.82E-05
144	5.9952E-07	5.5246E-08	1.05E-03	5.77E-11	2.00	1.57E-01	1.81E-11	1,000,000	1.81E-05
145	5.9952E-07	5.5024E-08	1.05E-03	5.75E-11	2.00	1.57E-01	1.81E-11	1,000,000	1.81E-05
146	5.9952E-07	5.4736E-08	1.05E-03	5.72E-11	2.00	1.57E-01	1.80E-11	1,000,000	1.80E-05
147	5.9952E-07	5.3831E-08	1.05E-03	5.63E-11	2.00	1.57E-01	1.77E-11	1,000,000	1.77E-05
148	5.9952E-07	5.3471E-08	1.05E-03	5.59E-11	2.00	1.57E-01	1.76E-11	1,000,000	1.76E-05
149	5.9952E-07	5.3112E-08	1.05E-03	5.55E-11	2.00	1.57E-01	1.74E-11	1,000,000	1.74E-05
150	5.9952E-07	5.2752E-08	1.05E-03	5.51E-11	2.00	1.57E-01	1.73E-11	1,000,000	1.73E-05
151	5.9952E-07	5.2404E-08	1.05E-03	5.48E-11	2.00	1.57E-01	1.72E-11	1,000,000	1.72E-05
152	5.9952E-07	5.7296E-08	1.05E-03	5.99E-11	2.00	1.57E-01	1.88E-11	1,000,000	1.88E-05
153	5.9952E-07	5.7302E-08	1.05E-03	5.99E-11	2.00	1.57E-01	1.88E-11	1,000,000	1.88E-05
154	5.9952E-07	5.726E-08	1.05E-03	5.98E-11	2.00	1.57E-01	1.88E-11	1,000,000	1.88E-05
155	5.9952E-07	5.7194E-08	1.05E-03	5.98E-11	2.00	1.57E-01	1.88E-11	1,000,000	1.88E-05
156	5.9952E-07	5.7045E-08	1.05E-03	5.96E-11	2.00	1.57E-01	1.87E-11	1,000,000	1.87E-05
157	5.9952E-07	5.6859E-08	1.05E-03	5.94E-11	2.00	1.57E-01	1.87E-11	1,000,000	1.87E-05
158	5.9952E-07	5.6643E-08	1.05E-03	5.92E-11	2.00	1.57E-01	1.86E-11	1,000,000	1.86E-05
159	5.9952E-07	5.6391E-08	1.05E-03	5.89E-11	2.00	1.57E-01	1.85E-11	1,000,000	1.85E-05
160	5.9952E-07	5.6127E-08	1.05E-03	5.87E-11	2.00	1.57E-01	1.84E-11	1,000,000	1.84E-05
161	5.9952E-07	5.581E-08	1.05E-03	5.83E-11	2.00	1.57E-01	1.83E-11	1,000,000	1.83E-05
162	5.9952E-07	5.5486E-08	1.05E-03	5.80E-11	2.00	1.57E-01	1.82E-11	1,000,000	1.82E-05
163	5.9952E-07	5.5138E-08	1.05E-03	5.76E-11	2.00	1.57E-01	1.81E-11	1,000,000	1.81E-05
164	5.9952E-07	5.4766E-08	1.05E-03	5.72E-11	2.00	1.57E-01	1.80E-11	1,000,000	1.80E-05
165	5.9952E-07	5.4371E-08	1.05E-03	5.68E-11	2.00	1.57E-01	1.79E-11	1,000,000	1.79E-05

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 6

	Cancer Risk from Birth to 2 years								
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
166	5.9952E-07	5.3999E-08	1.05E-03	5.64E-11	2.00	1.57E-01	1.77E-11	1,000,000	1.77E-05
167	5.9952E-07	5.8921E-08	1.05E-03	6.16E-11	2.00	1.57E-01	1.94E-11	1,000,000	1.94E-05
168	5.9952E-07	5.8891E-08	1.05E-03	6.16E-11	2.00	1.57E-01	1.93E-11	1,000,000	1.93E-05
169	5.9952E-07	5.8837E-08	1.05E-03	6.15E-11	2.00	1.57E-01	1.93E-11	1,000,000	1.93E-05
170	5.9952E-07	5.8741E-08	1.05E-03	6.14E-11	2.00	1.57E-01	1.93E-11	1,000,000	1.93E-05
171	5.9952E-07	5.8567E-08	1.05E-03	6.12E-11	2.00	1.57E-01	1.92E-11	1,000,000	1.92E-05
172	5.9952E-07	5.837E-08	1.05E-03	6.10E-11	2.00	1.57E-01	1.92E-11	1,000,000	1.92E-05
173	5.9952E-07	5.8148E-08	1.05E-03	6.08E-11	2.00	1.57E-01	1.91E-11	1,000,000	1.91E-05
174	5.9952E-07	5.7896E-08	1.05E-03	6.05E-11	2.00	1.57E-01	1.90E-11	1,000,000	1.90E-05
175	5.9952E-07	5.7578E-08	1.05E-03	6.02E-11	2.00	1.57E-01	1.89E-11	1,000,000	1.89E-05
176	5.9952E-07	5.7242E-08	1.05E-03	5.98E-11	2.00	1.57E-01	1.88E-11	1,000,000	1.88E-05
177	5.9952E-07	5.6877E-08	1.05E-03	5.94E-11	2.00	1.57E-01	1.87E-11	1,000,000	1.87E-05
178	5.9952E-07	5.6487E-08	1.05E-03	5.90E-11	2.00	1.57E-01	1.86E-11	1,000,000	1.86E-05
179	5.9952E-07	5.6073E-08	1.05E-03	5.86E-11	2.00	1.57E-01	1.84E-11	1,000,000	1.84E-05
180	5.9952E-07	5.569E-08	1.05E-03	5.82E-11	2.00	1.57E-01	1.83E-11	1,000,000	1.83E-05
181	5.9952E-07	6.054E-08	1.05E-03	6.33E-11	2.00	1.57E-01	1.99E-11	1,000,000	1.99E-05
182	5.9952E-07	6.0594E-08	1.05E-03	6.33E-11	2.00	1.57E-01	1.99E-11	1,000,000	1.99E-05
183	5.9952E-07	6.0552E-08	1.05E-03	6.33E-11	2.00	1.57E-01	1.99E-11	1,000,000	1.99E-05
184	5.9952E-07	6.0474E-08	1.05E-03	6.32E-11	2.00	1.57E-01	1.99E-11	1,000,000	1.99E-05
185	5.9952E-07	6.0342E-08	1.05E-03	6.31E-11	2.00	1.57E-01	1.98E-11	1,000,000	1.98E-05
186	5.9952E-07	6.0156E-08	1.05E-03	6.29E-11	2.00	1.57E-01	1.98E-11	1,000,000	1.98E-05
187	5.9952E-07	5.994E-08	1.05E-03	6.26E-11	2.00	1.57E-01	1.97E-11	1,000,000	1.97E-05
188	5.9952E-07	5.9682E-08	1.05E-03	6.24E-11	2.00	1.57E-01	1.96E-11	1,000,000	1.96E-05
189	5.9952E-07	5.9371E-08	1.05E-03	6.21E-11	2.00	1.57E-01	1.95E-11	1,000,000	1.95E-05
190	5.9952E-07	5.9029E-08	1.05E-03	6.17E-11	2.00	1.57E-01	1.94E-11	1,000,000	1.94E-05
191	5.9952E-07	5.8663E-08	1.05E-03	6.13E-11	2.00	1.57E-01	1.93E-11	1,000,000	1.93E-05
192	5.9952E-07	5.8274E-08	1.05E-03	6.09E-11	2.00	1.57E-01	1.91E-11	1,000,000	1.91E-05
193	5.9952E-07	5.786E-08	1.05E-03	6.05E-11	2.00	1.57E-01	1.90E-11	1,000,000	1.90E-05
194	5.9952E-07	5.747E-08	1.05E-03	6.01E-11	2.00	1.57E-01	1.89E-11	1,000,000	1.89E-05
195	5.9952E-07	6.2374E-08	1.05E-03	6.52E-11	2.00	1.57E-01	2.05E-11	1,000,000	2.05E-05
196	5.9952E-07	6.2344E-08	1.05E-03	6.52E-11	2.00	1.57E-01	2.05E-11	1,000,000	2.05E-05
197	5.9952E-07	6.2278E-08	1.05E-03	6.51E-11	2.00	1.57E-01	2.05E-11	1,000,000	2.05E-05
198	5.9952E-07	6.2206E-08	1.05E-03	6.50E-11	2.00	1.57E-01	2.04E-11	1,000,000	2.04E-05

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 6

					Cancer Risk from Birth to 2 years				
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
199	5.9952E-07	6.2051E-08	1.05E-03	6.49E-11	2.00	1.57E-01	2.04E-11	1,000,000	2.04E-05
200	5.9952E-07	6.1841E-08	1.05E-03	6.46E-11	2.00	1.57E-01	2.03E-11	1,000,000	2.03E-05
201	5.9952E-07	6.1583E-08	1.05E-03	6.44E-11	2.00	1.57E-01	2.02E-11	1,000,000	2.02E-05
202	5.9952E-07	6.1283E-08	1.05E-03	6.41E-11	2.00	1.57E-01	2.01E-11	1,000,000	2.01E-05
203	5.9952E-07	6.0941E-08	1.05E-03	6.37E-11	2.00	1.57E-01	2.00E-11	1,000,000	2.00E-05
204	5.9952E-07	6.0576E-08	1.05E-03	6.33E-11	2.00	1.57E-01	1.99E-11	1,000,000	1.99E-05
205	5.9952E-07	6.0186E-08	1.05E-03	6.29E-11	2.00	1.57E-01	1.98E-11	1,000,000	1.98E-05
206	5.9952E-07	5.9766E-08	1.05E-03	6.25E-11	2.00	1.57E-01	1.96E-11	1,000,000	1.96E-05
207	5.9952E-07	5.9359E-08	1.05E-03	6.20E-11	2.00	1.57E-01	1.95E-11	1,000,000	1.95E-05
208	5.9952E-07	6.4233E-08	1.05E-03	6.71E-11	2.00	1.57E-01	2.11E-11	1,000,000	2.11E-05
209	5.9952E-07	6.4185E-08	1.05E-03	6.71E-11	2.00	1.57E-01	2.11E-11	1,000,000	2.11E-05
210	5.9952E-07	6.4107E-08	1.05E-03	6.70E-11	2.00	1.57E-01	2.11E-11	1,000,000	2.11E-05
211	5.9952E-07	6.3993E-08	1.05E-03	6.69E-11	2.00	1.57E-01	2.10E-11	1,000,000	2.10E-05
212	5.9952E-07	6.3819E-08	1.05E-03	6.67E-11	2.00	1.57E-01	2.10E-11	1,000,000	2.10E-05
213	5.9952E-07	6.3579E-08	1.05E-03	6.65E-11	2.00	1.57E-01	2.09E-11	1,000,000	2.09E-05
214	5.9952E-07	6.3292E-08	1.05E-03	6.62E-11	2.00	1.57E-01	2.08E-11	1,000,000	2.08E-05
215	5.9952E-07	6.298E-08	1.05E-03	6.58E-11	2.00	1.57E-01	2.07E-11	1,000,000	2.07E-05
216	5.9952E-07	6.2614E-08	1.05E-03	6.54E-11	2.00	1.57E-01	2.06E-11	1,000,000	2.06E-05
217	5.9952E-07	6.2212E-08	1.05E-03	6.50E-11	2.00	1.57E-01	2.04E-11	1,000,000	2.04E-05
218	5.9952E-07	6.1781E-08	1.05E-03	6.46E-11	2.00	1.57E-01	2.03E-11	1,000,000	2.03E-05
219	5.9952E-07	6.1343E-08	1.05E-03	6.41E-11	2.00	1.57E-01	2.02E-11	1,000,000	2.02E-05
220	5.9952E-07	6.5852E-08	1.05E-03	6.88E-11	2.00	1.57E-01	2.16E-11	1,000,000	2.16E-05
221	5.9952E-07	6.5636E-08	1.05E-03	6.86E-11	2.00	1.57E-01	2.16E-11	1,000,000	2.16E-05
222	5.9952E-07	6.5366E-08	1.05E-03	6.83E-11	2.00	1.57E-01	2.15E-11	1,000,000	2.15E-05
223	5.9952E-07	6.5054E-08	1.05E-03	6.80E-11	2.00	1.57E-01	2.14E-11	1,000,000	2.14E-05
224	5.9952E-07	6.47E-08	1.05E-03	6.76E-11	2.00	1.57E-01	2.13E-11	1,000,000	2.13E-05
225	5.9952E-07	6.4305E-08	1.05E-03	6.72E-11	2.00	1.57E-01	2.11E-11	1,000,000	2.11E-05
226	5.9952E-07	6.3879E-08	1.05E-03	6.68E-11	2.00	1.57E-01	2.10E-11	1,000,000	2.10E-05
227	5.9952E-07	6.3453E-08	1.05E-03	6.63E-11	2.00	1.57E-01	2.08E-11	1,000,000	2.08E-05
228	5.9952E-07	6.7836E-08	1.05E-03	7.09E-11	2.00	1.57E-01	2.23E-11	1,000,000	2.23E-05
229	5.9952E-07	6.759E-08	1.05E-03	7.06E-11	2.00	1.57E-01	2.22E-11	1,000,000	2.22E-05
230	5.9952E-07	6.7284E-08	1.05E-03	7.03E-11	2.00	1.57E-01	2.21E-11	1,000,000	2.21E-05
231	5.9952E-07	6.6943E-08	1.05E-03	7.00E-11	2.00	1.57E-01	2.20E-11	1,000,000	2.20E-05

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 6

					Cancer Risk from Birth to 2 years				
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
232	5.9952E-07	6.6547E-08	1.05E-03	6.96E-11	2.00	1.57E-01	2.19E-11	1,000,000	2.19E-05
233	5.9952E-07	6.6127E-08	1.05E-03	6.91E-11	2.00	1.57E-01	2.17E-11	1,000,000	2.17E-05
234	5.9952E-07	6.569E-08	1.05E-03	6.87E-11	2.00	1.57E-01	2.16E-11	1,000,000	2.16E-05
235	5.9952E-07	6.4233E-08	1.05E-03	6.71E-11	2.00	1.57E-01	2.11E-11	1,000,000	2.11E-05
236	5.9952E-07	6.6211E-08	1.05E-03	6.92E-11	2.00	1.57E-01	2.17E-11	1,000,000	2.17E-05
237	5.9952E-07	6.6157E-08	1.05E-03	6.91E-11	2.00	1.57E-01	2.17E-11	1,000,000	2.17E-05
238	5.9952E-07	6.6073E-08	1.05E-03	6.91E-11	2.00	1.57E-01	2.17E-11	1,000,000	2.17E-05
239	5.9952E-07	6.8292E-08	1.05E-03	7.14E-11	2.00	1.57E-01	2.24E-11	1,000,000	2.24E-05
240	5.9952E-07	6.8244E-08	1.05E-03	7.13E-11	2.00	1.57E-01	2.24E-11	1,000,000	2.24E-05
241	5.9952E-07	6.8112E-08	1.05E-03	7.12E-11	2.00	1.57E-01	2.24E-11	1,000,000	2.24E-05
242	5.9952E-07	6.7944E-08	1.05E-03	7.10E-11	2.00	1.57E-01	2.23E-11	1,000,000	2.23E-05

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 6

	Cancer Risk from Birth to 2 years								
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
243	5.9952E-07	1.592E-07	1.05E-03	1.66E-10	2.00	1.57E-01	5.23E-11	1,000,000	5.23E-05
244	5.9952E-07	1.6343E-07	1.05E-03	1.71E-10	2.00	1.57E-01	5.37E-11	1,000,000	5.37E-05
245	5.9952E-07	1.6736E-07	1.05E-03	1.75E-10	2.00	1.57E-01	5.50E-11	1,000,000	5.50E-05
246	5.9952E-07	1.709E-07	1.05E-03	1.79E-10	2.00	1.57E-01	5.61E-11	1,000,000	5.61E-05
247	5.9952E-07	1.7413E-07	1.05E-03	1.82E-10	2.00	1.57E-01	5.72E-11	1,000,000	5.72E-05
248	5.9952E-07	1.7696E-07	1.05E-03	1.85E-10	2.00	1.57E-01	5.81E-11	1,000,000	5.81E-05
249	5.9952E-07	1.794E-07	1.05E-03	1.88E-10	2.00	1.57E-01	5.89E-11	1,000,000	5.89E-05
250	5.9952E-07	1.814E-07	1.05E-03	1.90E-10	2.00	1.57E-01	5.96E-11	1,000,000	5.96E-05
251	5.9952E-07	1.8293E-07	1.05E-03	1.91E-10	2.00	1.57E-01	6.01E-11	1,000,000	6.01E-05
252	5.9952E-07	1.5578E-07	1.05E-03	1.63E-10	2.00	1.57E-01	5.12E-11	1,000,000	5.12E-05
253	5.9952E-07	1.608E-07	1.05E-03	1.68E-10	2.00	1.57E-01	5.28E-11	1,000,000	5.28E-05
254	5.9952E-07	1.6573E-07	1.05E-03	1.73E-10	2.00	1.57E-01	5.44E-11	1,000,000	5.44E-05
255	5.9952E-07	1.705E-07	1.05E-03	1.78E-10	2.00	1.57E-01	5.60E-11	1,000,000	5.60E-05
256	5.9952E-07	1.7502E-07	1.05E-03	1.83E-10	2.00	1.57E-01	5.75E-11	1,000,000	5.75E-05
257	5.9952E-07	1.7932E-07	1.05E-03	1.87E-10	2.00	1.57E-01	5.89E-11	1,000,000	5.89E-05
258	5.9952E-07	1.832E-07	1.05E-03	1.91E-10	2.00	1.57E-01	6.02E-11	1,000,000	6.02E-05
259	5.9952E-07	1.8676E-07	1.05E-03	1.95E-10	2.00	1.57E-01	6.13E-11	1,000,000	6.13E-05
260	5.9952E-07	1.8983E-07	1.05E-03	1.98E-10	2.00	1.57E-01	6.24E-11	1,000,000	6.24E-05
261	5.9952E-07	1.9239E-07	1.05E-03	2.01E-10	2.00	1.57E-01	6.32E-11	1,000,000	6.32E-05
262	5.9952E-07	1.9434E-07	1.05E-03	2.03E-10	2.00	1.57E-01	6.38E-11	1,000,000	6.38E-05
263	5.9952E-07	1.6099E-07	1.05E-03	1.68E-10	2.00	1.57E-01	5.29E-11	1,000,000	5.29E-05
264	5.9952E-07	1.6676E-07	1.05E-03	1.74E-10	2.00	1.57E-01	5.48E-11	1,000,000	5.48E-05
265	5.9952E-07	1.7236E-07	1.05E-03	1.80E-10	2.00	1.57E-01	5.66E-11	1,000,000	5.66E-05
266	5.9952E-07	1.7788E-07	1.05E-03	1.86E-10	2.00	1.57E-01	5.84E-11	1,000,000	5.84E-05
267	5.9952E-07	1.8317E-07	1.05E-03	1.91E-10	2.00	1.57E-01	6.02E-11	1,000,000	6.02E-05
268	5.9952E-07	1.8825E-07	1.05E-03	1.97E-10	2.00	1.57E-01	6.18E-11	1,000,000	6.18E-05
269	5.9952E-07	1.9288E-07	1.05E-03	2.02E-10	2.00	1.57E-01	6.34E-11	1,000,000	6.34E-05
270	5.9952E-07	1.9717E-07	1.05E-03	2.06E-10	2.00	1.57E-01	6.48E-11	1,000,000	6.48E-05
271	5.9952E-07	2.0091E-07	1.05E-03	2.10E-10	2.00	1.57E-01	6.60E-11	1,000,000	6.60E-05
272	5.9952E-07	2.0411E-07	1.05E-03	2.13E-10	2.00	1.57E-01	6.70E-11	1,000,000	6.70E-05
273	5.9952E-07	2.0671E-07	1.05E-03	2.16E-10	2.00	1.57E-01	6.79E-11	1,000,000	6.79E-05
274	5.9952E-07	2.0904E-07	1.05E-03	2.18E-10	2.00	1.57E-01	6.87E-11	1,000,000	6.87E-05
275	5.9952E-07	1.6631E-07	1.05E-03	1.74E-10	2.00	1.57E-01	5.46E-11	1,000,000	5.46E-05

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 6

					Cancer Risk from Birth to 2 years				
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
276	5.9952E-07	1.7272E-07	1.05E-03	1.81E-10	2.00	1.57E-01	5.67E-11	1,000,000	5.67E-05
277	5.9952E-07	1.7913E-07	1.05E-03	1.87E-10	2.00	1.57E-01	5.88E-11	1,000,000	5.88E-05
278	5.9952E-07	1.8545E-07	1.05E-03	1.94E-10	2.00	1.57E-01	6.09E-11	1,000,000	6.09E-05
279	5.9952E-07	1.9161E-07	1.05E-03	2.00E-10	2.00	1.57E-01	6.29E-11	1,000,000	6.29E-05
280	5.9952E-07	1.9753E-07	1.05E-03	2.06E-10	2.00	1.57E-01	6.49E-11	1,000,000	6.49E-05
281	5.9952E-07	2.0315E-07	1.05E-03	2.12E-10	2.00	1.57E-01	6.67E-11	1,000,000	6.67E-05
282	5.9952E-07	2.0827E-07	1.05E-03	2.18E-10	2.00	1.57E-01	6.84E-11	1,000,000	6.84E-05
283	5.9952E-07	2.1285E-07	1.05E-03	2.22E-10	2.00	1.57E-01	6.99E-11	1,000,000	6.99E-05
284	5.9952E-07	2.1688E-07	1.05E-03	2.27E-10	2.00	1.57E-01	7.12E-11	1,000,000	7.12E-05
285	5.9952E-07	2.2032E-07	1.05E-03	2.30E-10	2.00	1.57E-01	7.24E-11	1,000,000	7.24E-05
286	5.9952E-07	2.2312E-07	1.05E-03	2.33E-10	2.00	1.57E-01	7.33E-11	1,000,000	7.33E-05
287	5.9952E-07	1.716E-07	1.05E-03	1.79E-10	2.00	1.57E-01	5.64E-11	1,000,000	5.64E-05
288	5.9952E-07	1.7878E-07	1.05E-03	1.87E-10	2.00	1.57E-01	5.87E-11	1,000,000	5.87E-05
289	5.9952E-07	1.8605E-07	1.05E-03	1.94E-10	2.00	1.57E-01	6.11E-11	1,000,000	6.11E-05
290	5.9952E-07	1.9326E-07	1.05E-03	2.02E-10	2.00	1.57E-01	6.35E-11	1,000,000	6.35E-05
291	5.9952E-07	2.0037E-07	1.05E-03	2.09E-10	2.00	1.57E-01	6.58E-11	1,000,000	6.58E-05
292	5.9952E-07	2.072E-07	1.05E-03	2.17E-10	2.00	1.57E-01	6.81E-11	1,000,000	6.81E-05
293	5.9952E-07	2.1379E-07	1.05E-03	2.23E-10	2.00	1.57E-01	7.02E-11	1,000,000	7.02E-05
294	5.9952E-07	2.1989E-07	1.05E-03	2.30E-10	2.00	1.57E-01	7.22E-11	1,000,000	7.22E-05
295	5.9952E-07	2.2546E-07	1.05E-03	2.36E-10	2.00	1.57E-01	7.41E-11	1,000,000	7.41E-05
296	5.9952E-07	2.3046E-07	1.05E-03	2.41E-10	2.00	1.57E-01	7.57E-11	1,000,000	7.57E-05
297	5.9952E-07	2.3486E-07	1.05E-03	2.45E-10	2.00	1.57E-01	7.72E-11	1,000,000	7.72E-05
298	5.9952E-07	2.3848E-07	1.05E-03	2.49E-10	2.00	1.57E-01	7.83E-11	1,000,000	7.83E-05
299	5.9952E-07	1.7688E-07	1.05E-03	1.85E-10	2.00	1.57E-01	5.81E-11	1,000,000	5.81E-05
300	5.9952E-07	1.8483E-07	1.05E-03	1.93E-10	2.00	1.57E-01	6.07E-11	1,000,000	6.07E-05
301	5.9952E-07	1.9298E-07	1.05E-03	2.02E-10	2.00	1.57E-01	6.34E-11	1,000,000	6.34E-05
302	5.9952E-07	2.0116E-07	1.05E-03	2.10E-10	2.00	1.57E-01	6.61E-11	1,000,000	6.61E-05
303	5.9952E-07	2.0923E-07	1.05E-03	2.19E-10	2.00	1.57E-01	6.87E-11	1,000,000	6.87E-05
304	5.9952E-07	2.1727E-07	1.05E-03	2.27E-10	2.00	1.57E-01	7.14E-11	1,000,000	7.14E-05
305	5.9952E-07	2.249E-07	1.05E-03	2.35E-10	2.00	1.57E-01	7.39E-11	1,000,000	7.39E-05
306	5.9952E-07	2.322E-07	1.05E-03	2.43E-10	2.00	1.57E-01	7.63E-11	1,000,000	7.63E-05
307	5.9952E-07	2.3897E-07	1.05E-03	2.50E-10	2.00	1.57E-01	7.85E-11	1,000,000	7.85E-05
308	5.9952E-07	2.4519E-07	1.05E-03	2.56E-10	2.00	1.57E-01	8.05E-11	1,000,000	8.05E-05

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 6

	Cancer Risk from Birth to 2 years								
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
309	5.9952E-07	2.5076E-07	1.05E-03	2.62E-10	2.00	1.57E-01	8.24E-11	1,000,000	8.24E-05
310	5.9952E-07	2.5533E-07	1.05E-03	2.67E-10	2.00	1.57E-01	8.39E-11	1,000,000	8.39E-05
311	5.9952E-07	1.8209E-07	1.05E-03	1.90E-10	2.00	1.57E-01	5.98E-11	1,000,000	5.98E-05
312	5.9952E-07	1.9082E-07	1.05E-03	1.99E-10	2.00	1.57E-01	6.27E-11	1,000,000	6.27E-05
313	5.9952E-07	1.9982E-07	1.05E-03	2.09E-10	2.00	1.57E-01	6.56E-11	1,000,000	6.56E-05
314	5.9952E-07	2.0902E-07	1.05E-03	2.18E-10	2.00	1.57E-01	6.87E-11	1,000,000	6.87E-05
315	5.9952E-07	2.1836E-07	1.05E-03	2.28E-10	2.00	1.57E-01	7.17E-11	1,000,000	7.17E-05
316	5.9952E-07	2.2765E-07	1.05E-03	2.38E-10	2.00	1.57E-01	7.48E-11	1,000,000	7.48E-05
317	5.9952E-07	2.366E-07	1.05E-03	2.47E-10	2.00	1.57E-01	7.77E-11	1,000,000	7.77E-05
318	5.9952E-07	2.4529E-07	1.05E-03	2.56E-10	2.00	1.57E-01	8.06E-11	1,000,000	8.06E-05
319	5.9952E-07	2.5343E-07	1.05E-03	2.65E-10	2.00	1.57E-01	8.33E-11	1,000,000	8.33E-05
320	5.9952E-07	2.6107E-07	1.05E-03	2.73E-10	2.00	1.57E-01	8.58E-11	1,000,000	8.58E-05
321	5.9952E-07	2.679E-07	1.05E-03	2.80E-10	2.00	1.57E-01	8.80E-11	1,000,000	8.80E-05
322	5.9952E-07	2.738E-07	1.05E-03	2.86E-10	2.00	1.57E-01	8.99E-11	1,000,000	8.99E-05
323	5.9952E-07	1.8727E-07	1.05E-03	1.96E-10	2.00	1.57E-01	6.15E-11	1,000,000	6.15E-05
324	5.9952E-07	1.9688E-07	1.05E-03	2.06E-10	2.00	1.57E-01	6.47E-11	1,000,000	6.47E-05
325	5.9952E-07	2.0686E-07	1.05E-03	2.16E-10	2.00	1.57E-01	6.80E-11	1,000,000	6.80E-05
326	5.9952E-07	2.1736E-07	1.05E-03	2.27E-10	2.00	1.57E-01	7.14E-11	1,000,000	7.14E-05
327	5.9952E-07	2.2761E-07	1.05E-03	2.38E-10	2.00	1.57E-01	7.48E-11	1,000,000	7.48E-05
328	5.9952E-07	2.3817E-07	1.05E-03	2.49E-10	2.00	1.57E-01	7.82E-11	1,000,000	7.82E-05
329	5.9952E-07	2.4829E-07	1.05E-03	2.60E-10	2.00	1.57E-01	8.16E-11	1,000,000	8.16E-05
330	5.9952E-07	2.5882E-07	1.05E-03	2.71E-10	2.00	1.57E-01	8.50E-11	1,000,000	8.50E-05
331	5.9952E-07	2.6871E-07	1.05E-03	2.81E-10	2.00	1.57E-01	8.83E-11	1,000,000	8.83E-05
332	5.9952E-07	2.7796E-07	1.05E-03	2.91E-10	2.00	1.57E-01	9.13E-11	1,000,000	9.13E-05
333	5.9952E-07	2.8646E-07	1.05E-03	2.99E-10	2.00	1.57E-01	9.41E-11	1,000,000	9.41E-05
334	5.9952E-07	2.9425E-07	1.05E-03	3.08E-10	2.00	1.57E-01	9.67E-11	1,000,000	9.67E-05
335	5.9952E-07	1.9245E-07	1.05E-03	2.01E-10	2.00	1.57E-01	6.32E-11	1,000,000	6.32E-05
336	5.9952E-07	2.0292E-07	1.05E-03	2.12E-10	2.00	1.57E-01	6.67E-11	1,000,000	6.67E-05
337	5.9952E-07	2.1392E-07	1.05E-03	2.24E-10	2.00	1.57E-01	7.03E-11	1,000,000	7.03E-05
338	5.9952E-07	2.2553E-07	1.05E-03	2.36E-10	2.00	1.57E-01	7.41E-11	1,000,000	7.41E-05
339	5.9952E-07	2.3709E-07	1.05E-03	2.48E-10	2.00	1.57E-01	7.79E-11	1,000,000	7.79E-05
340	5.9952E-07	2.491E-07	1.05E-03	2.60E-10	2.00	1.57E-01	8.18E-11	1,000,000	8.18E-05
341	5.9952E-07	2.6085E-07	1.05E-03	2.73E-10	2.00	1.57E-01	8.57E-11	1,000,000	8.57E-05

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 6

					Cancer Risk from 2 to 14 years				
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
1	5.9952E-07	4.9011E-08	6.05E-04	2.97E-11	14.00	4.71E-02	1.96E-11	1,000,000	2.0E-05
2	5.9952E-07	4.8453E-08	6.05E-04	2.93E-11	14.00	4.71E-02	1.93E-11	1,000,000	1.93E-05
3	5.9952E-07	4.8729E-08	6.05E-04	2.95E-11	14.00	4.71E-02	1.95E-11	1,000,000	1.95E-05
4	5.9952E-07	4.9395E-08	6.05E-04	2.99E-11	14.00	4.71E-02	1.97E-11	1,000,000	1.97E-05
5	5.9952E-07	4.9964E-08	6.05E-04	3.02E-11	14.00	4.71E-02	2.00E-11	1,000,000	2.00E-05
6	5.9952E-07	5.0312E-08	6.05E-04	3.04E-11	14.00	4.71E-02	2.01E-11	1,000,000	2.01E-05
7	5.9952E-07	5.0959E-08	6.05E-04	3.08E-11	14.00	4.71E-02	2.04E-11	1,000,000	2.04E-05
8	5.9952E-07	3.97E-08	6.05E-04	2.40E-11	14.00	4.71E-02	1.59E-11	1,000,000	1.59E-05
9	5.9952E-07	3.9473E-08	6.05E-04	2.39E-11	14.00	4.71E-02	1.58E-11	1,000,000	1.58E-05
10	5.9952E-07	3.9197E-08	6.05E-04	2.37E-11	14.00	4.71E-02	1.57E-11	1,000,000	1.57E-05
11	5.9952E-07	3.8927E-08	6.05E-04	2.36E-11	14.00	4.71E-02	1.55E-11	1,000,000	1.55E-05
12	5.9952E-07	3.8663E-08	6.05E-04	2.34E-11	14.00	4.71E-02	1.54E-11	1,000,000	1.54E-05
13	5.9952E-07	3.8405E-08	6.05E-04	2.32E-11	14.00	4.71E-02	1.53E-11	1,000,000	1.53E-05
14	5.9952E-07	3.8154E-08	6.05E-04	2.31E-11	14.00	4.71E-02	1.52E-11	1,000,000	1.52E-05
15	5.9952E-07	3.7908E-08	6.05E-04	2.29E-11	14.00	4.71E-02	1.51E-11	1,000,000	1.51E-05
16	5.9952E-07	4.0702E-08	6.05E-04	2.46E-11	14.00	4.71E-02	1.63E-11	1,000,000	1.63E-05
17	5.9952E-07	4.0462E-08	6.05E-04	2.45E-11	14.00	4.71E-02	1.62E-11	1,000,000	1.62E-05
18	5.9952E-07	4.018E-08	6.05E-04	2.43E-11	14.00	4.71E-02	1.60E-11	1,000,000	1.60E-05
19	5.9952E-07	3.9898E-08	6.05E-04	2.41E-11	14.00	4.71E-02	1.59E-11	1,000,000	1.59E-05
20	5.9952E-07	3.9634E-08	6.05E-04	2.40E-11	14.00	4.71E-02	1.58E-11	1,000,000	1.58E-05
21	5.9952E-07	3.9359E-08	6.05E-04	2.38E-11	14.00	4.71E-02	1.57E-11	1,000,000	1.57E-05
22	5.9952E-07	3.9089E-08	6.05E-04	2.37E-11	14.00	4.71E-02	1.56E-11	1,000,000	1.56E-05
23	5.9952E-07	3.8843E-08	6.05E-04	2.35E-11	14.00	4.71E-02	1.55E-11	1,000,000	1.55E-05
24	5.9952E-07	4.1199E-08	6.05E-04	2.49E-11	14.00	4.71E-02	1.65E-11	1,000,000	1.65E-05
25	5.9952E-07	4.0911E-08	6.05E-04	2.48E-11	14.00	4.71E-02	1.63E-11	1,000,000	1.63E-05
26	5.9952E-07	4.0648E-08	6.05E-04	2.46E-11	14.00	4.71E-02	1.62E-11	1,000,000	1.62E-05
27	5.9952E-07	4.036E-08	6.05E-04	2.44E-11	14.00	4.71E-02	1.61E-11	1,000,000	1.61E-05
28	5.9952E-07	4.0078E-08	6.05E-04	2.42E-11	14.00	4.71E-02	1.60E-11	1,000,000	1.60E-05
29	5.9952E-07	3.9826E-08	6.05E-04	2.41E-11	14.00	4.71E-02	1.59E-11	1,000,000	1.59E-05
30	5.9952E-07	4.2266E-08	6.05E-04	2.56E-11	14.00	4.71E-02	1.69E-11	1,000,000	1.69E-05
31	5.9952E-07	4.1967E-08	6.05E-04	2.54E-11	14.00	4.71E-02	1.68E-11	1,000,000	1.68E-05
32	5.9952E-07	4.1691E-08	6.05E-04	2.52E-11	14.00	4.71E-02	1.66E-11	1,000,000	1.66E-05
33	5.9952E-07	4.1397E-08	6.05E-04	2.50E-11	14.00	4.71E-02	1.65E-11	1,000,000	1.65E-05

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 6

					Cancer Risk from 2 to 14 years				
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
34	5.9952E-07	4.1103E-08	6.05E-04	2.49E-11	14.00	4.71E-02	1.64E-11	1,000,000	1.64E-05
35	5.9952E-07	4.0839E-08	6.05E-04	2.47E-11	14.00	4.71E-02	1.63E-11	1,000,000	1.63E-05
36	5.9952E-07	4.3363E-08	6.05E-04	2.62E-11	14.00	4.71E-02	1.73E-11	1,000,000	1.73E-05
37	5.9952E-07	4.3058E-08	6.05E-04	2.61E-11	14.00	4.71E-02	1.72E-11	1,000,000	1.72E-05
38	5.9952E-07	4.2776E-08	6.05E-04	2.59E-11	14.00	4.71E-02	1.71E-11	1,000,000	1.71E-05
39	5.9952E-07	4.2476E-08	6.05E-04	2.57E-11	14.00	4.71E-02	1.70E-11	1,000,000	1.70E-05
40	5.9952E-07	4.217E-08	6.05E-04	2.55E-11	14.00	4.71E-02	1.68E-11	1,000,000	1.68E-05
41	5.9952E-07	4.1895E-08	6.05E-04	2.53E-11	14.00	4.71E-02	1.67E-11	1,000,000	1.67E-05
42	5.9952E-07	4.6775E-08	6.05E-04	2.83E-11	14.00	4.71E-02	1.87E-11	1,000,000	1.87E-05
43	5.9952E-07	4.6709E-08	6.05E-04	2.83E-11	14.00	4.71E-02	1.87E-11	1,000,000	1.87E-05
44	5.9952E-07	4.6613E-08	6.05E-04	2.82E-11	14.00	4.71E-02	1.86E-11	1,000,000	1.86E-05
45	5.9952E-07	4.6499E-08	6.05E-04	2.81E-11	14.00	4.71E-02	1.86E-11	1,000,000	1.86E-05
46	5.9952E-07	4.6373E-08	6.05E-04	2.81E-11	14.00	4.71E-02	1.85E-11	1,000,000	1.85E-05
47	5.9952E-07	4.6235E-08	6.05E-04	2.80E-11	14.00	4.71E-02	1.85E-11	1,000,000	1.85E-05
48	5.9952E-07	4.6049E-08	6.05E-04	2.79E-11	14.00	4.71E-02	1.84E-11	1,000,000	1.84E-05
49	5.9952E-07	4.4515E-08	6.05E-04	2.69E-11	14.00	4.71E-02	1.78E-11	1,000,000	1.78E-05
50	5.9952E-07	4.4203E-08	6.05E-04	2.67E-11	14.00	4.71E-02	1.77E-11	1,000,000	1.77E-05
51	5.9952E-07	4.3909E-08	6.05E-04	2.66E-11	14.00	4.71E-02	1.75E-11	1,000,000	1.75E-05
52	5.9952E-07	4.3597E-08	6.05E-04	2.64E-11	14.00	4.71E-02	1.74E-11	1,000,000	1.74E-05
53	5.9952E-07	4.3286E-08	6.05E-04	2.62E-11	14.00	4.71E-02	1.73E-11	1,000,000	1.73E-05
54	5.9952E-07	4.3004E-08	6.05E-04	2.60E-11	14.00	4.71E-02	1.72E-11	1,000,000	1.72E-05
55	5.9952E-07	4.786E-08	6.05E-04	2.90E-11	14.00	4.71E-02	1.91E-11	1,000,000	1.91E-05
56	5.9952E-07	4.7896E-08	6.05E-04	2.90E-11	14.00	4.71E-02	1.91E-11	1,000,000	1.91E-05
57	5.9952E-07	4.7854E-08	6.05E-04	2.90E-11	14.00	4.71E-02	1.91E-11	1,000,000	1.91E-05
58	5.9952E-07	4.78E-08	6.05E-04	2.89E-11	14.00	4.71E-02	1.91E-11	1,000,000	1.91E-05
59	5.9952E-07	4.7698E-08	6.05E-04	2.89E-11	14.00	4.71E-02	1.90E-11	1,000,000	1.90E-05
60	5.9952E-07	4.7566E-08	6.05E-04	2.88E-11	14.00	4.71E-02	1.90E-11	1,000,000	1.90E-05
61	5.9952E-07	4.744E-08	6.05E-04	2.87E-11	14.00	4.71E-02	1.89E-11	1,000,000	1.89E-05
62	5.9952E-07	4.7266E-08	6.05E-04	2.86E-11	14.00	4.71E-02	1.89E-11	1,000,000	1.89E-05
63	5.9952E-07	4.7045E-08	6.05E-04	2.85E-11	14.00	4.71E-02	1.88E-11	1,000,000	1.88E-05
64	5.9952E-07	4.572E-08	6.05E-04	2.77E-11	14.00	4.71E-02	1.83E-11	1,000,000	1.83E-05
65	5.9952E-07	4.539E-08	6.05E-04	2.75E-11	14.00	4.71E-02	1.81E-11	1,000,000	1.81E-05
66	5.9952E-07	4.5078E-08	6.05E-04	2.73E-11	14.00	4.71E-02	1.80E-11	1,000,000	1.80E-05

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 6

					Cancer Risk from 2 to 14 years				
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
67	5.9952E-07	4.4772E-08	6.05E-04	2.71E-11	14.00	4.71E-02	1.79E-11	1,000,000	1.79E-05
68	5.9952E-07	4.4443E-08	6.05E-04	2.69E-11	14.00	4.71E-02	1.77E-11	1,000,000	1.77E-05
69	5.9952E-07	4.4149E-08	6.05E-04	2.67E-11	14.00	4.71E-02	1.76E-11	1,000,000	1.76E-05
70	5.9952E-07	4.9065E-08	6.05E-04	2.97E-11	14.00	4.71E-02	1.96E-11	1,000,000	1.96E-05
71	5.9952E-07	4.9041E-08	6.05E-04	2.97E-11	14.00	4.71E-02	1.96E-11	1,000,000	1.96E-05
72	5.9952E-07	4.8999E-08	6.05E-04	2.96E-11	14.00	4.71E-02	1.96E-11	1,000,000	1.96E-05
73	5.9952E-07	4.8933E-08	6.05E-04	2.96E-11	14.00	4.71E-02	1.95E-11	1,000,000	1.95E-05
74	5.9952E-07	4.8813E-08	6.05E-04	2.95E-11	14.00	4.71E-02	1.95E-11	1,000,000	1.95E-05
75	5.9952E-07	4.8669E-08	6.05E-04	2.94E-11	14.00	4.71E-02	1.94E-11	1,000,000	1.94E-05
76	5.9952E-07	4.8531E-08	6.05E-04	2.94E-11	14.00	4.71E-02	1.94E-11	1,000,000	1.94E-05
77	5.9952E-07	4.8316E-08	6.05E-04	2.92E-11	14.00	4.71E-02	1.93E-11	1,000,000	1.93E-05
78	5.9952E-07	4.6649E-08	6.05E-04	2.82E-11	14.00	4.71E-02	1.86E-11	1,000,000	1.86E-05
79	5.9952E-07	4.6337E-08	6.05E-04	2.80E-11	14.00	4.71E-02	1.85E-11	1,000,000	1.85E-05
80	5.9952E-07	4.6013E-08	6.05E-04	2.78E-11	14.00	4.71E-02	1.84E-11	1,000,000	1.84E-05
81	5.9952E-07	4.5678E-08	6.05E-04	2.76E-11	14.00	4.71E-02	1.82E-11	1,000,000	1.82E-05
82	5.9952E-07	4.5372E-08	6.05E-04	2.75E-11	14.00	4.71E-02	1.81E-11	1,000,000	1.81E-05
83	5.9952E-07	5.0222E-08	6.05E-04	3.04E-11	14.00	4.71E-02	2.01E-11	1,000,000	2.01E-05
84	5.9952E-07	5.027E-08	6.05E-04	3.04E-11	14.00	4.71E-02	2.01E-11	1,000,000	2.01E-05
85	5.9952E-07	5.024E-08	6.05E-04	3.04E-11	14.00	4.71E-02	2.01E-11	1,000,000	2.01E-05
86	5.9952E-07	5.0198E-08	6.05E-04	3.04E-11	14.00	4.71E-02	2.00E-11	1,000,000	2.00E-05
87	5.9952E-07	5.0108E-08	6.05E-04	3.03E-11	14.00	4.71E-02	2.00E-11	1,000,000	2.00E-05
88	5.9952E-07	4.997E-08	6.05E-04	3.02E-11	14.00	4.71E-02	2.00E-11	1,000,000	2.00E-05
89	5.9952E-07	4.9832E-08	6.05E-04	3.02E-11	14.00	4.71E-02	1.99E-11	1,000,000	1.99E-05
90	5.9952E-07	4.964E-08	6.05E-04	3.00E-11	14.00	4.71E-02	1.98E-11	1,000,000	1.98E-05
91	5.9952E-07	4.9401E-08	6.05E-04	2.99E-11	14.00	4.71E-02	1.97E-11	1,000,000	1.97E-05
92	5.9952E-07	4.8292E-08	6.05E-04	2.92E-11	14.00	4.71E-02	1.93E-11	1,000,000	1.93E-05
93	5.9952E-07	4.7962E-08	6.05E-04	2.90E-11	14.00	4.71E-02	1.92E-11	1,000,000	1.92E-05
94	5.9952E-07	4.7644E-08	6.05E-04	2.88E-11	14.00	4.71E-02	1.90E-11	1,000,000	1.90E-05
95	5.9952E-07	4.7308E-08	6.05E-04	2.86E-11	14.00	4.71E-02	1.89E-11	1,000,000	1.89E-05
96	5.9952E-07	4.6967E-08	6.05E-04	2.84E-11	14.00	4.71E-02	1.88E-11	1,000,000	1.88E-05
97	5.9952E-07	4.6649E-08	6.05E-04	2.82E-11	14.00	4.71E-02	1.86E-11	1,000,000	1.86E-05
98	5.9952E-07	5.1553E-08	6.05E-04	3.12E-11	14.00	4.71E-02	2.06E-11	1,000,000	2.06E-05
99	5.9952E-07	5.1529E-08	6.05E-04	3.12E-11	14.00	4.71E-02	2.06E-11	1,000,000	2.06E-05

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 6

					Cancer Risk from 2 to 14 years				
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
100	5.9952E-07	5.1487E-08	6.05E-04	3.12E-11	14.00	4.71E-02	2.06E-11	1,000,000	2.06E-05
101	5.9952E-07	5.1457E-08	6.05E-04	3.11E-11	14.00	4.71E-02	2.05E-11	1,000,000	2.05E-05
102	5.9952E-07	5.1325E-08	6.05E-04	3.11E-11	14.00	4.71E-02	2.05E-11	1,000,000	2.05E-05
103	5.9952E-07	5.1175E-08	6.05E-04	3.10E-11	14.00	4.71E-02	2.04E-11	1,000,000	2.04E-05
104	5.9952E-07	5.1013E-08	6.05E-04	3.09E-11	14.00	4.71E-02	2.04E-11	1,000,000	2.04E-05
105	5.9952E-07	5.0768E-08	6.05E-04	3.07E-11	14.00	4.71E-02	2.03E-11	1,000,000	2.03E-05
106	5.9952E-07	4.9646E-08	6.05E-04	3.00E-11	14.00	4.71E-02	1.98E-11	1,000,000	1.98E-05
107	5.9952E-07	4.9323E-08	6.05E-04	2.98E-11	14.00	4.71E-02	1.97E-11	1,000,000	1.97E-05
108	5.9952E-07	4.8999E-08	6.05E-04	2.96E-11	14.00	4.71E-02	1.96E-11	1,000,000	1.96E-05
109	5.9952E-07	4.8663E-08	6.05E-04	2.94E-11	14.00	4.71E-02	1.94E-11	1,000,000	1.94E-05
110	5.9952E-07	4.8316E-08	6.05E-04	2.92E-11	14.00	4.71E-02	1.93E-11	1,000,000	1.93E-05
111	5.9952E-07	4.7998E-08	6.05E-04	2.90E-11	14.00	4.71E-02	1.92E-11	1,000,000	1.92E-05
112	5.9952E-07	5.2878E-08	6.05E-04	3.20E-11	14.00	4.71E-02	2.11E-11	1,000,000	2.11E-05
113	5.9952E-07	5.2854E-08	6.05E-04	3.20E-11	14.00	4.71E-02	2.11E-11	1,000,000	2.11E-05
114	5.9952E-07	5.283E-08	6.05E-04	3.20E-11	14.00	4.71E-02	2.11E-11	1,000,000	2.11E-05
115	5.9952E-07	5.274E-08	6.05E-04	3.19E-11	14.00	4.71E-02	2.11E-11	1,000,000	2.11E-05
116	5.9952E-07	5.2584E-08	6.05E-04	3.18E-11	14.00	4.71E-02	2.10E-11	1,000,000	2.10E-05
117	5.9952E-07	5.2428E-08	6.05E-04	3.17E-11	14.00	4.71E-02	2.09E-11	1,000,000	2.09E-05
118	5.9952E-07	5.2212E-08	6.05E-04	3.16E-11	14.00	4.71E-02	2.09E-11	1,000,000	2.09E-05
119	5.9952E-07	5.1943E-08	6.05E-04	3.14E-11	14.00	4.71E-02	2.07E-11	1,000,000	2.07E-05
120	5.9952E-07	5.1049E-08	6.05E-04	3.09E-11	14.00	4.71E-02	2.04E-11	1,000,000	2.04E-05
121	5.9952E-07	5.075E-08	6.05E-04	3.07E-11	14.00	4.71E-02	2.03E-11	1,000,000	2.03E-05
122	5.9952E-07	5.0408E-08	6.05E-04	3.05E-11	14.00	4.71E-02	2.01E-11	1,000,000	2.01E-05
123	5.9952E-07	5.0072E-08	6.05E-04	3.03E-11	14.00	4.71E-02	2.00E-11	1,000,000	2.00E-05
124	5.9952E-07	4.973E-08	6.05E-04	3.01E-11	14.00	4.71E-02	1.99E-11	1,000,000	1.99E-05
125	5.9952E-07	4.9395E-08	6.05E-04	2.99E-11	14.00	4.71E-02	1.97E-11	1,000,000	1.97E-05
126	5.9952E-07	5.4287E-08	6.05E-04	3.28E-11	14.00	4.71E-02	2.17E-11	1,000,000	2.17E-05
127	5.9952E-07	5.4287E-08	6.05E-04	3.28E-11	14.00	4.71E-02	2.17E-11	1,000,000	2.17E-05
128	5.9952E-07	5.4251E-08	6.05E-04	3.28E-11	14.00	4.71E-02	2.17E-11	1,000,000	2.17E-05
129	5.9952E-07	5.4203E-08	6.05E-04	3.28E-11	14.00	4.71E-02	2.16E-11	1,000,000	2.16E-05
130	5.9952E-07	5.4059E-08	6.05E-04	3.27E-11	14.00	4.71E-02	2.16E-11	1,000,000	2.16E-05
131	5.9952E-07	5.3891E-08	6.05E-04	3.26E-11	14.00	4.71E-02	2.15E-11	1,000,000	2.15E-05
132	5.9952E-07	5.3711E-08	6.05E-04	3.25E-11	14.00	4.71E-02	2.14E-11	1,000,000	2.14E-05

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 6

	Cancer Risk from 2 to 14 years								
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
133	5.9952E-07	5.3447E-08	6.05E-04	3.23E-11	14.00	4.71E-02	2.13E-11	1,000,000	2.13E-05
134	5.9952E-07	5.2278E-08	6.05E-04	3.16E-11	14.00	4.71E-02	2.09E-11	1,000,000	2.09E-05
135	5.9952E-07	5.1913E-08	6.05E-04	3.14E-11	14.00	4.71E-02	2.07E-11	1,000,000	2.07E-05
136	5.9952E-07	5.1547E-08	6.05E-04	3.12E-11	14.00	4.71E-02	2.06E-11	1,000,000	2.06E-05
137	5.9952E-07	5.1205E-08	6.05E-04	3.10E-11	14.00	4.71E-02	2.04E-11	1,000,000	2.04E-05
138	5.9952E-07	5.0869E-08	6.05E-04	3.08E-11	14.00	4.71E-02	2.03E-11	1,000,000	2.03E-05
139	5.9952E-07	5.5774E-08	6.05E-04	3.37E-11	14.00	4.71E-02	2.23E-11	1,000,000	2.23E-05
140	5.9952E-07	5.5738E-08	6.05E-04	3.37E-11	14.00	4.71E-02	2.23E-11	1,000,000	2.23E-05
141	5.9952E-07	5.5696E-08	6.05E-04	3.37E-11	14.00	4.71E-02	2.22E-11	1,000,000	2.22E-05
142	5.9952E-07	5.56E-08	6.05E-04	3.36E-11	14.00	4.71E-02	2.22E-11	1,000,000	2.22E-05
143	5.9952E-07	5.5426E-08	6.05E-04	3.35E-11	14.00	4.71E-02	2.21E-11	1,000,000	2.21E-05
144	5.9952E-07	5.5246E-08	6.05E-04	3.34E-11	14.00	4.71E-02	2.21E-11	1,000,000	2.21E-05
145	5.9952E-07	5.5024E-08	6.05E-04	3.33E-11	14.00	4.71E-02	2.20E-11	1,000,000	2.20E-05
146	5.9952E-07	5.4736E-08	6.05E-04	3.31E-11	14.00	4.71E-02	2.19E-11	1,000,000	2.19E-05
147	5.9952E-07	5.3831E-08	6.05E-04	3.26E-11	14.00	4.71E-02	2.15E-11	1,000,000	2.15E-05
148	5.9952E-07	5.3471E-08	6.05E-04	3.24E-11	14.00	4.71E-02	2.14E-11	1,000,000	2.14E-05
149	5.9952E-07	5.3112E-08	6.05E-04	3.21E-11	14.00	4.71E-02	2.12E-11	1,000,000	2.12E-05
150	5.9952E-07	5.2752E-08	6.05E-04	3.19E-11	14.00	4.71E-02	2.11E-11	1,000,000	2.11E-05
151	5.9952E-07	5.2404E-08	6.05E-04	3.17E-11	14.00	4.71E-02	2.09E-11	1,000,000	2.09E-05
152	5.9952E-07	5.7296E-08	6.05E-04	3.47E-11	14.00	4.71E-02	2.29E-11	1,000,000	2.29E-05
153	5.9952E-07	5.7302E-08	6.05E-04	3.47E-11	14.00	4.71E-02	2.29E-11	1,000,000	2.29E-05
154	5.9952E-07	5.726E-08	6.05E-04	3.46E-11	14.00	4.71E-02	2.29E-11	1,000,000	2.29E-05
155	5.9952E-07	5.7194E-08	6.05E-04	3.46E-11	14.00	4.71E-02	2.28E-11	1,000,000	2.28E-05
156	5.9952E-07	5.7045E-08	6.05E-04	3.45E-11	14.00	4.71E-02	2.28E-11	1,000,000	2.28E-05
157	5.9952E-07	5.6859E-08	6.05E-04	3.44E-11	14.00	4.71E-02	2.27E-11	1,000,000	2.27E-05
158	5.9952E-07	5.6643E-08	6.05E-04	3.43E-11	14.00	4.71E-02	2.26E-11	1,000,000	2.26E-05
159	5.9952E-07	5.6391E-08	6.05E-04	3.41E-11	14.00	4.71E-02	2.25E-11	1,000,000	2.25E-05
160	5.9952E-07	5.6127E-08	6.05E-04	3.40E-11	14.00	4.71E-02	2.24E-11	1,000,000	2.24E-05
161	5.9952E-07	5.581E-08	6.05E-04	3.38E-11	14.00	4.71E-02	2.23E-11	1,000,000	2.23E-05
162	5.9952E-07	5.5486E-08	6.05E-04	3.36E-11	14.00	4.71E-02	2.22E-11	1,000,000	2.22E-05
163	5.9952E-07	5.5138E-08	6.05E-04	3.34E-11	14.00	4.71E-02	2.20E-11	1,000,000	2.20E-05
164	5.9952E-07	5.4766E-08	6.05E-04	3.31E-11	14.00	4.71E-02	2.19E-11	1,000,000	2.19E-05
165	5.9952E-07	5.4371E-08	6.05E-04	3.29E-11	14.00	4.71E-02	2.17E-11	1,000,000	2.17E-05

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 6

	Cancer Risk from 2 to 14 years								
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
166	5.9952E-07	5.3999E-08	6.05E-04	3.27E-11	14.00	4.71E-02	2.16E-11	1,000,000	2.16E-05
167	5.9952E-07	5.8921E-08	6.05E-04	3.57E-11	14.00	4.71E-02	2.35E-11	1,000,000	2.35E-05
168	5.9952E-07	5.8891E-08	6.05E-04	3.56E-11	14.00	4.71E-02	2.35E-11	1,000,000	2.35E-05
169	5.9952E-07	5.8837E-08	6.05E-04	3.56E-11	14.00	4.71E-02	2.35E-11	1,000,000	2.35E-05
170	5.9952E-07	5.8741E-08	6.05E-04	3.55E-11	14.00	4.71E-02	2.35E-11	1,000,000	2.35E-05
171	5.9952E-07	5.8567E-08	6.05E-04	3.54E-11	14.00	4.71E-02	2.34E-11	1,000,000	2.34E-05
172	5.9952E-07	5.837E-08	6.05E-04	3.53E-11	14.00	4.71E-02	2.33E-11	1,000,000	2.33E-05
173	5.9952E-07	5.8148E-08	6.05E-04	3.52E-11	14.00	4.71E-02	2.32E-11	1,000,000	2.32E-05
174	5.9952E-07	5.7896E-08	6.05E-04	3.50E-11	14.00	4.71E-02	2.31E-11	1,000,000	2.31E-05
175	5.9952E-07	5.7578E-08	6.05E-04	3.48E-11	14.00	4.71E-02	2.30E-11	1,000,000	2.30E-05
176	5.9952E-07	5.7242E-08	6.05E-04	3.46E-11	14.00	4.71E-02	2.29E-11	1,000,000	2.29E-05
177	5.9952E-07	5.6877E-08	6.05E-04	3.44E-11	14.00	4.71E-02	2.27E-11	1,000,000	2.27E-05
178	5.9952E-07	5.6487E-08	6.05E-04	3.42E-11	14.00	4.71E-02	2.26E-11	1,000,000	2.26E-05
179	5.9952E-07	5.6073E-08	6.05E-04	3.39E-11	14.00	4.71E-02	2.24E-11	1,000,000	2.24E-05
180	5.9952E-07	5.569E-08	6.05E-04	3.37E-11	14.00	4.71E-02	2.22E-11	1,000,000	2.22E-05
181	5.9952E-07	6.054E-08	6.05E-04	3.66E-11	14.00	4.71E-02	2.42E-11	1,000,000	2.42E-05
182	5.9952E-07	6.0594E-08	6.05E-04	3.67E-11	14.00	4.71E-02	2.42E-11	1,000,000	2.42E-05
183	5.9952E-07	6.0552E-08	6.05E-04	3.66E-11	14.00	4.71E-02	2.42E-11	1,000,000	2.42E-05
184	5.9952E-07	6.0474E-08	6.05E-04	3.66E-11	14.00	4.71E-02	2.41E-11	1,000,000	2.41E-05
185	5.9952E-07	6.0342E-08	6.05E-04	3.65E-11	14.00	4.71E-02	2.41E-11	1,000,000	2.41E-05
186	5.9952E-07	6.0156E-08	6.05E-04	3.64E-11	14.00	4.71E-02	2.40E-11	1,000,000	2.40E-05
187	5.9952E-07	5.994E-08	6.05E-04	3.63E-11	14.00	4.71E-02	2.39E-11	1,000,000	2.39E-05
188	5.9952E-07	5.9682E-08	6.05E-04	3.61E-11	14.00	4.71E-02	2.38E-11	1,000,000	2.38E-05
189	5.9952E-07	5.9371E-08	6.05E-04	3.59E-11	14.00	4.71E-02	2.37E-11	1,000,000	2.37E-05
190	5.9952E-07	5.9029E-08	6.05E-04	3.57E-11	14.00	4.71E-02	2.36E-11	1,000,000	2.36E-05
191	5.9952E-07	5.8663E-08	6.05E-04	3.55E-11	14.00	4.71E-02	2.34E-11	1,000,000	2.34E-05
192	5.9952E-07	5.8274E-08	6.05E-04	3.53E-11	14.00	4.71E-02	2.33E-11	1,000,000	2.33E-05
193	5.9952E-07	5.786E-08	6.05E-04	3.50E-11	14.00	4.71E-02	2.31E-11	1,000,000	2.31E-05
194	5.9952E-07	5.747E-08	6.05E-04	3.48E-11	14.00	4.71E-02	2.30E-11	1,000,000	2.30E-05
195	5.9952E-07	6.2374E-08	6.05E-04	3.77E-11	14.00	4.71E-02	2.49E-11	1,000,000	2.49E-05
196	5.9952E-07	6.2344E-08	6.05E-04	3.77E-11	14.00	4.71E-02	2.49E-11	1,000,000	2.49E-05
197	5.9952E-07	6.2278E-08	6.05E-04	3.77E-11	14.00	4.71E-02	2.49E-11	1,000,000	2.49E-05
198	5.9952E-07	6.2206E-08	6.05E-04	3.76E-11	14.00	4.71E-02	2.48E-11	1,000,000	2.48E-05

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 6

					Cancer Risk from 2 to 14 years				
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
199	5.9952E-07	6.2051E-08	6.05E-04	3.75E-11	14.00	4.71E-02	2.48E-11	1,000,000	2.48E-05
200	5.9952E-07	6.1841E-08	6.05E-04	3.74E-11	14.00	4.71E-02	2.47E-11	1,000,000	2.47E-05
201	5.9952E-07	6.1583E-08	6.05E-04	3.73E-11	14.00	4.71E-02	2.46E-11	1,000,000	2.46E-05
202	5.9952E-07	6.1283E-08	6.05E-04	3.71E-11	14.00	4.71E-02	2.45E-11	1,000,000	2.45E-05
203	5.9952E-07	6.0941E-08	6.05E-04	3.69E-11	14.00	4.71E-02	2.43E-11	1,000,000	2.43E-05
204	5.9952E-07	6.0576E-08	6.05E-04	3.67E-11	14.00	4.71E-02	2.42E-11	1,000,000	2.42E-05
205	5.9952E-07	6.0186E-08	6.05E-04	3.64E-11	14.00	4.71E-02	2.40E-11	1,000,000	2.40E-05
206	5.9952E-07	5.9766E-08	6.05E-04	3.62E-11	14.00	4.71E-02	2.39E-11	1,000,000	2.39E-05
207	5.9952E-07	5.9359E-08	6.05E-04	3.59E-11	14.00	4.71E-02	2.37E-11	1,000,000	2.37E-05
208	5.9952E-07	6.4233E-08	6.05E-04	3.89E-11	14.00	4.71E-02	2.57E-11	1,000,000	2.57E-05
209	5.9952E-07	6.4185E-08	6.05E-04	3.88E-11	14.00	4.71E-02	2.56E-11	1,000,000	2.56E-05
210	5.9952E-07	6.4107E-08	6.05E-04	3.88E-11	14.00	4.71E-02	2.56E-11	1,000,000	2.56E-05
211	5.9952E-07	6.3993E-08	6.05E-04	3.87E-11	14.00	4.71E-02	2.56E-11	1,000,000	2.56E-05
212	5.9952E-07	6.3819E-08	6.05E-04	3.86E-11	14.00	4.71E-02	2.55E-11	1,000,000	2.55E-05
213	5.9952E-07	6.3579E-08	6.05E-04	3.85E-11	14.00	4.71E-02	2.54E-11	1,000,000	2.54E-05
214	5.9952E-07	6.3292E-08	6.05E-04	3.83E-11	14.00	4.71E-02	2.53E-11	1,000,000	2.53E-05
215	5.9952E-07	6.298E-08	6.05E-04	3.81E-11	14.00	4.71E-02	2.52E-11	1,000,000	2.52E-05
216	5.9952E-07	6.2614E-08	6.05E-04	3.79E-11	14.00	4.71E-02	2.50E-11	1,000,000	2.50E-05
217	5.9952E-07	6.2212E-08	6.05E-04	3.76E-11	14.00	4.71E-02	2.48E-11	1,000,000	2.48E-05
218	5.9952E-07	6.1781E-08	6.05E-04	3.74E-11	14.00	4.71E-02	2.47E-11	1,000,000	2.47E-05
219	5.9952E-07	6.1343E-08	6.05E-04	3.71E-11	14.00	4.71E-02	2.45E-11	1,000,000	2.45E-05
220	5.9952E-07	6.5852E-08	6.05E-04	3.98E-11	14.00	4.71E-02	2.63E-11	1,000,000	2.63E-05
221	5.9952E-07	6.5636E-08	6.05E-04	3.97E-11	14.00	4.71E-02	2.62E-11	1,000,000	2.62E-05
222	5.9952E-07	6.5366E-08	6.05E-04	3.96E-11	14.00	4.71E-02	2.61E-11	1,000,000	2.61E-05
223	5.9952E-07	6.5054E-08	6.05E-04	3.94E-11	14.00	4.71E-02	2.60E-11	1,000,000	2.60E-05
224	5.9952E-07	6.47E-08	6.05E-04	3.91E-11	14.00	4.71E-02	2.58E-11	1,000,000	2.58E-05
225	5.9952E-07	6.4305E-08	6.05E-04	3.89E-11	14.00	4.71E-02	2.57E-11	1,000,000	2.57E-05
226	5.9952E-07	6.3879E-08	6.05E-04	3.87E-11	14.00	4.71E-02	2.55E-11	1,000,000	2.55E-05
227	5.9952E-07	6.3453E-08	6.05E-04	3.84E-11	14.00	4.71E-02	2.53E-11	1,000,000	2.53E-05
228	5.9952E-07	6.7836E-08	6.05E-04	4.10E-11	14.00	4.71E-02	2.71E-11	1,000,000	2.71E-05
229	5.9952E-07	6.759E-08	6.05E-04	4.09E-11	14.00	4.71E-02	2.70E-11	1,000,000	2.70E-05
230	5.9952E-07	6.7284E-08	6.05E-04	4.07E-11	14.00	4.71E-02	2.69E-11	1,000,000	2.69E-05
231	5.9952E-07	6.6943E-08	6.05E-04	4.05E-11	14.00	4.71E-02	2.67E-11	1,000,000	2.67E-05

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 6

					Cancer Risk from 2 to 14 years				
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
232	5.9952E-07	6.6547E-08	6.05E-04	4.03E-11	14.00	4.71E-02	2.66E-11	1,000,000	2.66E-05
233	5.9952E-07	6.6127E-08	6.05E-04	4.00E-11	14.00	4.71E-02	2.64E-11	1,000,000	2.64E-05
234	5.9952E-07	6.569E-08	6.05E-04	3.97E-11	14.00	4.71E-02	2.62E-11	1,000,000	2.62E-05
235	5.9952E-07	6.4233E-08	6.05E-04	3.89E-11	14.00	4.71E-02	2.57E-11	1,000,000	2.57E-05
236	5.9952E-07	6.6211E-08	6.05E-04	4.01E-11	14.00	4.71E-02	2.64E-11	1,000,000	2.64E-05
237	5.9952E-07	6.6157E-08	6.05E-04	4.00E-11	14.00	4.71E-02	2.64E-11	1,000,000	2.64E-05
238	5.9952E-07	6.6073E-08	6.05E-04	4.00E-11	14.00	4.71E-02	2.64E-11	1,000,000	2.64E-05
239	5.9952E-07	6.8292E-08	6.05E-04	4.13E-11	14.00	4.71E-02	2.73E-11	1,000,000	2.73E-05
240	5.9952E-07	6.8244E-08	6.05E-04	4.13E-11	14.00	4.71E-02	2.73E-11	1,000,000	2.73E-05
241	5.9952E-07	6.8112E-08	6.05E-04	4.12E-11	14.00	4.71E-02	2.72E-11	1,000,000	2.72E-05
242	5.9952E-07	6.7944E-08	6.05E-04	4.11E-11	14.00	4.71E-02	2.71E-11	1,000,000	2.71E-05

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 6

					Cancer Risk from 2 to 14 years				
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
243	5.9952E-07	1.592E-07	6.05E-04	9.63E-11	14.00	4.71E-02	6.36E-11	1,000,000	6.36E-05
244	5.9952E-07	1.6343E-07	6.05E-04	9.89E-11	14.00	4.71E-02	6.53E-11	1,000,000	6.53E-05
245	5.9952E-07	1.6736E-07	6.05E-04	1.01E-10	14.00	4.71E-02	6.68E-11	1,000,000	6.68E-05
246	5.9952E-07	1.709E-07	6.05E-04	1.03E-10	14.00	4.71E-02	6.82E-11	1,000,000	6.82E-05
247	5.9952E-07	1.7413E-07	6.05E-04	1.05E-10	14.00	4.71E-02	6.95E-11	1,000,000	6.95E-05
248	5.9952E-07	1.7696E-07	6.05E-04	1.07E-10	14.00	4.71E-02	7.07E-11	1,000,000	7.07E-05
249	5.9952E-07	1.794E-07	6.05E-04	1.09E-10	14.00	4.71E-02	7.16E-11	1,000,000	7.16E-05
250	5.9952E-07	1.814E-07	6.05E-04	1.10E-10	14.00	4.71E-02	7.24E-11	1,000,000	7.24E-05
251	5.9952E-07	1.8293E-07	6.05E-04	1.11E-10	14.00	4.71E-02	7.31E-11	1,000,000	7.31E-05
252	5.9952E-07	1.5578E-07	6.05E-04	9.43E-11	14.00	4.71E-02	6.22E-11	1,000,000	6.22E-05
253	5.9952E-07	1.608E-07	6.05E-04	9.73E-11	14.00	4.71E-02	6.42E-11	1,000,000	6.42E-05
254	5.9952E-07	1.6573E-07	6.05E-04	1.00E-10	14.00	4.71E-02	6.62E-11	1,000,000	6.62E-05
255	5.9952E-07	1.705E-07	6.05E-04	1.03E-10	14.00	4.71E-02	6.81E-11	1,000,000	6.81E-05
256	5.9952E-07	1.7502E-07	6.05E-04	1.06E-10	14.00	4.71E-02	6.99E-11	1,000,000	6.99E-05
257	5.9952E-07	1.7932E-07	6.05E-04	1.09E-10	14.00	4.71E-02	7.16E-11	1,000,000	7.16E-05
258	5.9952E-07	1.832E-07	6.05E-04	1.11E-10	14.00	4.71E-02	7.32E-11	1,000,000	7.32E-05
259	5.9952E-07	1.8676E-07	6.05E-04	1.13E-10	14.00	4.71E-02	7.46E-11	1,000,000	7.46E-05
260	5.9952E-07	1.8983E-07	6.05E-04	1.15E-10	14.00	4.71E-02	7.58E-11	1,000,000	7.58E-05
261	5.9952E-07	1.9239E-07	6.05E-04	1.16E-10	14.00	4.71E-02	7.68E-11	1,000,000	7.68E-05
262	5.9952E-07	1.9434E-07	6.05E-04	1.18E-10	14.00	4.71E-02	7.76E-11	1,000,000	7.76E-05
263	5.9952E-07	1.6099E-07	6.05E-04	9.74E-11	14.00	4.71E-02	6.43E-11	1,000,000	6.43E-05
264	5.9952E-07	1.6676E-07	6.05E-04	1.01E-10	14.00	4.71E-02	6.66E-11	1,000,000	6.66E-05
265	5.9952E-07	1.7236E-07	6.05E-04	1.04E-10	14.00	4.71E-02	6.88E-11	1,000,000	6.88E-05
266	5.9952E-07	1.7788E-07	6.05E-04	1.08E-10	14.00	4.71E-02	7.10E-11	1,000,000	7.10E-05
267	5.9952E-07	1.8317E-07	6.05E-04	1.11E-10	14.00	4.71E-02	7.31E-11	1,000,000	7.31E-05
268	5.9952E-07	1.8825E-07	6.05E-04	1.14E-10	14.00	4.71E-02	7.52E-11	1,000,000	7.52E-05
269	5.9952E-07	1.9288E-07	6.05E-04	1.17E-10	14.00	4.71E-02	7.70E-11	1,000,000	7.70E-05
270	5.9952E-07	1.9717E-07	6.05E-04	1.19E-10	14.00	4.71E-02	7.87E-11	1,000,000	7.87E-05
271	5.9952E-07	2.0091E-07	6.05E-04	1.22E-10	14.00	4.71E-02	8.02E-11	1,000,000	8.02E-05
272	5.9952E-07	2.0411E-07	6.05E-04	1.24E-10	14.00	4.71E-02	8.15E-11	1,000,000	8.15E-05
273	5.9952E-07	2.0671E-07	6.05E-04	1.25E-10	14.00	4.71E-02	8.25E-11	1,000,000	8.25E-05
274	5.9952E-07	2.0904E-07	6.05E-04	1.26E-10	14.00	4.71E-02	8.35E-11	1,000,000	8.35E-05
275	5.9952E-07	1.6631E-07	6.05E-04	1.01E-10	14.00	4.71E-02	6.64E-11	1,000,000	6.64E-05

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 6

					Cancer Risk from 2 to 14 years				
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
276	5.9952E-07	1.7272E-07	6.05E-04	1.05E-10	14.00	4.71E-02	6.90E-11	1,000,000	6.90E-05
277	5.9952E-07	1.7913E-07	6.05E-04	1.08E-10	14.00	4.71E-02	7.15E-11	1,000,000	7.15E-05
278	5.9952E-07	1.8545E-07	6.05E-04	1.12E-10	14.00	4.71E-02	7.41E-11	1,000,000	7.41E-05
279	5.9952E-07	1.9161E-07	6.05E-04	1.16E-10	14.00	4.71E-02	7.65E-11	1,000,000	7.65E-05
280	5.9952E-07	1.9753E-07	6.05E-04	1.20E-10	14.00	4.71E-02	7.89E-11	1,000,000	7.89E-05
281	5.9952E-07	2.0315E-07	6.05E-04	1.23E-10	14.00	4.71E-02	8.11E-11	1,000,000	8.11E-05
282	5.9952E-07	2.0827E-07	6.05E-04	1.26E-10	14.00	4.71E-02	8.32E-11	1,000,000	8.32E-05
283	5.9952E-07	2.1285E-07	6.05E-04	1.29E-10	14.00	4.71E-02	8.50E-11	1,000,000	8.50E-05
284	5.9952E-07	2.1688E-07	6.05E-04	1.31E-10	14.00	4.71E-02	8.66E-11	1,000,000	8.66E-05
285	5.9952E-07	2.2032E-07	6.05E-04	1.33E-10	14.00	4.71E-02	8.80E-11	1,000,000	8.80E-05
286	5.9952E-07	2.2312E-07	6.05E-04	1.35E-10	14.00	4.71E-02	8.91E-11	1,000,000	8.91E-05
287	5.9952E-07	1.716E-07	6.05E-04	1.04E-10	14.00	4.71E-02	6.85E-11	1,000,000	6.85E-05
288	5.9952E-07	1.7878E-07	6.05E-04	1.08E-10	14.00	4.71E-02	7.14E-11	1,000,000	7.14E-05
289	5.9952E-07	1.8605E-07	6.05E-04	1.13E-10	14.00	4.71E-02	7.43E-11	1,000,000	7.43E-05
290	5.9952E-07	1.9326E-07	6.05E-04	1.17E-10	14.00	4.71E-02	7.72E-11	1,000,000	7.72E-05
291	5.9952E-07	2.0037E-07	6.05E-04	1.21E-10	14.00	4.71E-02	8.00E-11	1,000,000	8.00E-05
292	5.9952E-07	2.072E-07	6.05E-04	1.25E-10	14.00	4.71E-02	8.27E-11	1,000,000	8.27E-05
293	5.9952E-07	2.1379E-07	6.05E-04	1.29E-10	14.00	4.71E-02	8.54E-11	1,000,000	8.54E-05
294	5.9952E-07	2.1989E-07	6.05E-04	1.33E-10	14.00	4.71E-02	8.78E-11	1,000,000	8.78E-05
295	5.9952E-07	2.2546E-07	6.05E-04	1.36E-10	14.00	4.71E-02	9.00E-11	1,000,000	9.00E-05
296	5.9952E-07	2.3046E-07	6.05E-04	1.39E-10	14.00	4.71E-02	9.20E-11	1,000,000	9.20E-05
297	5.9952E-07	2.3486E-07	6.05E-04	1.42E-10	14.00	4.71E-02	9.38E-11	1,000,000	9.38E-05
298	5.9952E-07	2.3848E-07	6.05E-04	1.44E-10	14.00	4.71E-02	9.52E-11	1,000,000	9.52E-05
299	5.9952E-07	1.7688E-07	6.05E-04	1.07E-10	14.00	4.71E-02	7.06E-11	1,000,000	7.06E-05
300	5.9952E-07	1.8483E-07	6.05E-04	1.12E-10	14.00	4.71E-02	7.38E-11	1,000,000	7.38E-05
301	5.9952E-07	1.9298E-07	6.05E-04	1.17E-10	14.00	4.71E-02	7.71E-11	1,000,000	7.71E-05
302	5.9952E-07	2.0116E-07	6.05E-04	1.22E-10	14.00	4.71E-02	8.03E-11	1,000,000	8.03E-05
303	5.9952E-07	2.0923E-07	6.05E-04	1.27E-10	14.00	4.71E-02	8.36E-11	1,000,000	8.36E-05
304	5.9952E-07	2.1727E-07	6.05E-04	1.31E-10	14.00	4.71E-02	8.68E-11	1,000,000	8.68E-05
305	5.9952E-07	2.249E-07	6.05E-04	1.36E-10	14.00	4.71E-02	8.98E-11	1,000,000	8.98E-05
306	5.9952E-07	2.322E-07	6.05E-04	1.40E-10	14.00	4.71E-02	9.27E-11	1,000,000	9.27E-05
307	5.9952E-07	2.3897E-07	6.05E-04	1.45E-10	14.00	4.71E-02	9.54E-11	1,000,000	9.54E-05
308	5.9952E-07	2.4519E-07	6.05E-04	1.48E-10	14.00	4.71E-02	9.79E-11	1,000,000	9.79E-05

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 6

					Cancer Risk from 2 to 14 years				
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
309	5.9952E-07	2.5076E-07	6.05E-04	1.52E-10	14.00	4.71E-02	1.00E-10	1,000,000	1.00E-04
310	5.9952E-07	2.5533E-07	6.05E-04	1.54E-10	14.00	4.71E-02	1.02E-10	1,000,000	1.02E-04
311	5.9952E-07	1.8209E-07	6.05E-04	1.10E-10	14.00	4.71E-02	7.27E-11	1,000,000	7.27E-05
312	5.9952E-07	1.9082E-07	6.05E-04	1.15E-10	14.00	4.71E-02	7.62E-11	1,000,000	7.62E-05
313	5.9952E-07	1.9982E-07	6.05E-04	1.21E-10	14.00	4.71E-02	7.98E-11	1,000,000	7.98E-05
314	5.9952E-07	2.0902E-07	6.05E-04	1.26E-10	14.00	4.71E-02	8.35E-11	1,000,000	8.35E-05
315	5.9952E-07	2.1836E-07	6.05E-04	1.32E-10	14.00	4.71E-02	8.72E-11	1,000,000	8.72E-05
316	5.9952E-07	2.2765E-07	6.05E-04	1.38E-10	14.00	4.71E-02	9.09E-11	1,000,000	9.09E-05
317	5.9952E-07	2.366E-07	6.05E-04	1.43E-10	14.00	4.71E-02	9.45E-11	1,000,000	9.45E-05
318	5.9952E-07	2.4529E-07	6.05E-04	1.48E-10	14.00	4.71E-02	9.80E-11	1,000,000	9.80E-05
319	5.9952E-07	2.5343E-07	6.05E-04	1.53E-10	14.00	4.71E-02	1.01E-10	1,000,000	1.01E-04
320	5.9952E-07	2.6107E-07	6.05E-04	1.58E-10	14.00	4.71E-02	1.04E-10	1,000,000	1.04E-04
321	5.9952E-07	2.679E-07	6.05E-04	1.62E-10	14.00	4.71E-02	1.07E-10	1,000,000	1.07E-04
322	5.9952E-07	2.738E-07	6.05E-04	1.66E-10	14.00	4.71E-02	1.09E-10	1,000,000	1.09E-04
323	5.9952E-07	1.8727E-07	6.05E-04	1.13E-10	14.00	4.71E-02	7.48E-11	1,000,000	7.48E-05
324	5.9952E-07	1.9688E-07	6.05E-04	1.19E-10	14.00	4.71E-02	7.86E-11	1,000,000	7.86E-05
325	5.9952E-07	2.0686E-07	6.05E-04	1.25E-10	14.00	4.71E-02	8.26E-11	1,000,000	8.26E-05
326	5.9952E-07	2.1736E-07	6.05E-04	1.32E-10	14.00	4.71E-02	8.68E-11	1,000,000	8.68E-05
327	5.9952E-07	2.2761E-07	6.05E-04	1.38E-10	14.00	4.71E-02	9.09E-11	1,000,000	9.09E-05
328	5.9952E-07	2.3817E-07	6.05E-04	1.44E-10	14.00	4.71E-02	9.51E-11	1,000,000	9.51E-05
329	5.9952E-07	2.4829E-07	6.05E-04	1.50E-10	14.00	4.71E-02	9.92E-11	1,000,000	9.92E-05
330	5.9952E-07	2.5882E-07	6.05E-04	1.57E-10	14.00	4.71E-02	1.03E-10	1,000,000	1.03E-04
331	5.9952E-07	2.6871E-07	6.05E-04	1.63E-10	14.00	4.71E-02	1.07E-10	1,000,000	1.07E-04
332	5.9952E-07	2.7796E-07	6.05E-04	1.68E-10	14.00	4.71E-02	1.11E-10	1,000,000	1.11E-04
333	5.9952E-07	2.8646E-07	6.05E-04	1.73E-10	14.00	4.71E-02	1.14E-10	1,000,000	1.14E-04
334	5.9952E-07	2.9425E-07	6.05E-04	1.78E-10	14.00	4.71E-02	1.18E-10	1,000,000	1.18E-04
335	5.9952E-07	1.9245E-07	6.05E-04	1.16E-10	14.00	4.71E-02	7.69E-11	1,000,000	7.69E-05
336	5.9952E-07	2.0292E-07	6.05E-04	1.23E-10	14.00	4.71E-02	8.10E-11	1,000,000	8.10E-05
337	5.9952E-07	2.1392E-07	6.05E-04	1.29E-10	14.00	4.71E-02	8.54E-11	1,000,000	8.54E-05
338	5.9952E-07	2.2553E-07	6.05E-04	1.36E-10	14.00	4.71E-02	9.01E-11	1,000,000	9.01E-05
339	5.9952E-07	2.3709E-07	6.05E-04	1.43E-10	14.00	4.71E-02	9.47E-11	1,000,000	9.47E-05
340	5.9952E-07	2.491E-07	6.05E-04	1.51E-10	14.00	4.71E-02	9.95E-11	1,000,000	9.95E-05
341	5.9952E-07	2.6085E-07	6.05E-04	1.58E-10	14.00	4.71E-02	1.04E-10	1,000,000	1.04E-04

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 6

	Cancer Risk 14 to 30 years												
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million	Total Risk		Max	Receptor #
1	6.00E-07	4.9011E-08	2.50E-04	1.23E-11	1.40E+01	1.15E-02	1.97E-12	1.0E+06	2.0E-06	3.8E-05	Res	0.000	1
2	5.9952E-07	4.8453E-08	2.50E-04	1.21E-11	14.00	1.15E-02	1.95E-12	1,000,000	1.95E-06	3.8E-05			
3	5.9952E-07	4.8729E-08	2.50E-04	1.22E-11	14.00	1.15E-02	1.96E-12	1,000,000	1.96E-06	3.8E-05			
4	5.9952E-07	4.9395E-08	2.50E-04	1.24E-11	14.00	1.15E-02	1.99E-12	1,000,000	1.99E-06	3.9E-05			
5	5.9952E-07	4.9964E-08	2.50E-04	1.25E-11	14.00	1.15E-02	2.01E-12	1,000,000	2.01E-06	3.9E-05			
6	5.9952E-07	5.0312E-08	2.50E-04	1.26E-11	14.00	1.15E-02	2.02E-12	1,000,000	2.02E-06	3.9E-05			
7	5.9952E-07	5.0959E-08	2.50E-04	1.28E-11	14.00	1.15E-02	2.05E-12	1,000,000	2.05E-06	4.0E-05			
8	5.9952E-07	3.97E-08	2.50E-04	9.94E-12	14.00	1.15E-02	1.60E-12	1,000,000	1.60E-06	3.1E-05			
9	5.9952E-07	3.9473E-08	2.50E-04	9.88E-12	14.00	1.15E-02	1.59E-12	1,000,000	1.59E-06	3.1E-05			
10	5.9952E-07	3.9197E-08	2.50E-04	9.81E-12	14.00	1.15E-02	1.58E-12	1,000,000	1.58E-06	3.1E-05			
11	5.9952E-07	3.8927E-08	2.50E-04	9.74E-12	14.00	1.15E-02	1.56E-12	1,000,000	1.56E-06	3.0E-05			
12	5.9952E-07	3.8663E-08	2.50E-04	9.68E-12	14.00	1.15E-02	1.55E-12	1,000,000	1.55E-06	3.0E-05			
13	5.9952E-07	3.8405E-08	2.50E-04	9.61E-12	14.00	1.15E-02	1.54E-12	1,000,000	1.54E-06	3.0E-05			
14	5.9952E-07	3.8154E-08	2.50E-04	9.55E-12	14.00	1.15E-02	1.53E-12	1,000,000	1.53E-06	3.0E-05			
15	5.9952E-07	3.7908E-08	2.50E-04	9.49E-12	14.00	1.15E-02	1.52E-12	1,000,000	1.52E-06	3.0E-05			
16	5.9952E-07	4.0702E-08	2.50E-04	1.02E-11	14.00	1.15E-02	1.64E-12	1,000,000	1.64E-06	3.2E-05			
17	5.9952E-07	4.0462E-08	2.50E-04	1.01E-11	14.00	1.15E-02	1.63E-12	1,000,000	1.63E-06	3.2E-05			
18	5.9952E-07	4.018E-08	2.50E-04	1.01E-11	14.00	1.15E-02	1.61E-12	1,000,000	1.61E-06	3.1E-05			
19	5.9952E-07	3.9898E-08	2.50E-04	9.99E-12	14.00	1.15E-02	1.60E-12	1,000,000	1.60E-06	3.1E-05			
20	5.9952E-07	3.9634E-08	2.50E-04	9.92E-12	14.00	1.15E-02	1.59E-12	1,000,000	1.59E-06	3.1E-05			
21	5.9952E-07	3.9359E-08	2.50E-04	9.85E-12	14.00	1.15E-02	1.58E-12	1,000,000	1.58E-06	3.1E-05			
22	5.9952E-07	3.9089E-08	2.50E-04	9.78E-12	14.00	1.15E-02	1.57E-12	1,000,000	1.57E-06	3.1E-05			
23	5.9952E-07	3.8843E-08	2.50E-04	9.72E-12	14.00	1.15E-02	1.56E-12	1,000,000	1.56E-06	3.0E-05			
24	5.9952E-07	4.1199E-08	2.50E-04	1.03E-11	14.00	1.15E-02	1.66E-12	1,000,000	1.66E-06	3.2E-05			
25	5.9952E-07	4.0911E-08	2.50E-04	1.02E-11	14.00	1.15E-02	1.64E-12	1,000,000	1.64E-06	3.2E-05			
26	5.9952E-07	4.0648E-08	2.50E-04	1.02E-11	14.00	1.15E-02	1.63E-12	1,000,000	1.63E-06	3.2E-05			
27	5.9952E-07	4.036E-08	2.50E-04	1.01E-11	14.00	1.15E-02	1.62E-12	1,000,000	1.62E-06	3.2E-05			
28	5.9952E-07	4.0078E-08	2.50E-04	1.00E-11	14.00	1.15E-02	1.61E-12	1,000,000	1.61E-06	3.1E-05			
29	5.9952E-07	3.9826E-08	2.50E-04	9.97E-12	14.00	1.15E-02	1.60E-12	1,000,000	1.60E-06	3.1E-05			
30	5.9952E-07	4.2266E-08	2.50E-04	1.06E-11	14.00	1.15E-02	1.70E-12	1,000,000	1.70E-06	3.3E-05			
31	5.9952E-07	4.1967E-08	2.50E-04	1.05E-11	14.00	1.15E-02	1.69E-12	1,000,000	1.69E-06	3.3E-05			
32	5.9952E-07	4.1691E-08	2.50E-04	1.04E-11	14.00	1.15E-02	1.68E-12	1,000,000	1.68E-06	3.3E-05			
33	5.9952E-07	4.1397E-08	2.50E-04	1.04E-11	14.00	1.15E-02	1.66E-12	1,000,000	1.66E-06	3.2E-05			

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 6

	Cancer Risk 14 to 30 years												
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million	Total Risk		Max	Receptor #
34	5.9952E-07	4.1103E-08	2.50E-04	1.03E-11	14.00	1.15E-02	1.65E-12	1,000,000	1.65E-06	3.2E-05			
35	5.9952E-07	4.0839E-08	2.50E-04	1.02E-11	14.00	1.15E-02	1.64E-12	1,000,000	1.64E-06	3.2E-05			
36	5.9952E-07	4.3363E-08	2.50E-04	1.09E-11	14.00	1.15E-02	1.74E-12	1,000,000	1.74E-06	3.4E-05			
37	5.9952E-07	4.3058E-08	2.50E-04	1.08E-11	14.00	1.15E-02	1.73E-12	1,000,000	1.73E-06	3.4E-05			
38	5.9952E-07	4.2776E-08	2.50E-04	1.07E-11	14.00	1.15E-02	1.72E-12	1,000,000	1.72E-06	3.3E-05			
39	5.9952E-07	4.2476E-08	2.50E-04	1.06E-11	14.00	1.15E-02	1.71E-12	1,000,000	1.71E-06	3.3E-05			
40	5.9952E-07	4.217E-08	2.50E-04	1.06E-11	14.00	1.15E-02	1.69E-12	1,000,000	1.69E-06	3.3E-05			
41	5.9952E-07	4.1895E-08	2.50E-04	1.05E-11	14.00	1.15E-02	1.68E-12	1,000,000	1.68E-06	3.3E-05			
42	5.9952E-07	4.6775E-08	2.50E-04	1.17E-11	14.00	1.15E-02	1.88E-12	1,000,000	1.88E-06	3.7E-05			
43	5.9952E-07	4.6709E-08	2.50E-04	1.17E-11	14.00	1.15E-02	1.88E-12	1,000,000	1.88E-06	3.7E-05			
44	5.9952E-07	4.6613E-08	2.50E-04	1.17E-11	14.00	1.15E-02	1.87E-12	1,000,000	1.87E-06	3.6E-05			
45	5.9952E-07	4.6499E-08	2.50E-04	1.16E-11	14.00	1.15E-02	1.87E-12	1,000,000	1.87E-06	3.6E-05			
46	5.9952E-07	4.6373E-08	2.50E-04	1.16E-11	14.00	1.15E-02	1.86E-12	1,000,000	1.86E-06	3.6E-05			
47	5.9952E-07	4.6235E-08	2.50E-04	1.16E-11	14.00	1.15E-02	1.86E-12	1,000,000	1.86E-06	3.6E-05			
48	5.9952E-07	4.6049E-08	2.50E-04	1.15E-11	14.00	1.15E-02	1.85E-12	1,000,000	1.85E-06	3.6E-05			
49	5.9952E-07	4.4515E-08	2.50E-04	1.11E-11	14.00	1.15E-02	1.79E-12	1,000,000	1.79E-06	3.5E-05			
50	5.9952E-07	4.4203E-08	2.50E-04	1.11E-11	14.00	1.15E-02	1.78E-12	1,000,000	1.78E-06	3.5E-05			
51	5.9952E-07	4.3909E-08	2.50E-04	1.10E-11	14.00	1.15E-02	1.76E-12	1,000,000	1.76E-06	3.4E-05			
52	5.9952E-07	4.3597E-08	2.50E-04	1.09E-11	14.00	1.15E-02	1.75E-12	1,000,000	1.75E-06	3.4E-05			
53	5.9952E-07	4.3286E-08	2.50E-04	1.08E-11	14.00	1.15E-02	1.74E-12	1,000,000	1.74E-06	3.4E-05			
54	5.9952E-07	4.3004E-08	2.50E-04	1.08E-11	14.00	1.15E-02	1.73E-12	1,000,000	1.73E-06	3.4E-05			
55	5.9952E-07	4.786E-08	2.50E-04	1.20E-11	14.00	1.15E-02	1.92E-12	1,000,000	1.92E-06	3.7E-05			
56	5.9952E-07	4.7896E-08	2.50E-04	1.20E-11	14.00	1.15E-02	1.93E-12	1,000,000	1.93E-06	3.7E-05			
57	5.9952E-07	4.7854E-08	2.50E-04	1.20E-11	14.00	1.15E-02	1.92E-12	1,000,000	1.92E-06	3.7E-05			
58	5.9952E-07	4.78E-08	2.50E-04	1.20E-11	14.00	1.15E-02	1.92E-12	1,000,000	1.92E-06	3.7E-05			
59	5.9952E-07	4.7698E-08	2.50E-04	1.19E-11	14.00	1.15E-02	1.92E-12	1,000,000	1.92E-06	3.7E-05			
60	5.9952E-07	4.7566E-08	2.50E-04	1.19E-11	14.00	1.15E-02	1.91E-12	1,000,000	1.91E-06	3.7E-05			
61	5.9952E-07	4.744E-08	2.50E-04	1.19E-11	14.00	1.15E-02	1.91E-12	1,000,000	1.91E-06	3.7E-05			
62	5.9952E-07	4.7266E-08	2.50E-04	1.18E-11	14.00	1.15E-02	1.90E-12	1,000,000	1.90E-06	3.7E-05			
63	5.9952E-07	4.7045E-08	2.50E-04	1.18E-11	14.00	1.15E-02	1.89E-12	1,000,000	1.89E-06	3.7E-05			
64	5.9952E-07	4.572E-08	2.50E-04	1.14E-11	14.00	1.15E-02	1.84E-12	1,000,000	1.84E-06	3.6E-05			
65	5.9952E-07	4.539E-08	2.50E-04	1.14E-11	14.00	1.15E-02	1.82E-12	1,000,000	1.82E-06	3.5E-05			
66	5.9952E-07	4.5078E-08	2.50E-04	1.13E-11	14.00	1.15E-02	1.81E-12	1,000,000	1.81E-06	3.5E-05			

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 6

	Cancer Risk 14 to 30 years												
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million	Total Risk		Max	Receptor #
67	5.9952E-07	4.4772E-08	2.50E-04	1.12E-11	14.00	1.15E-02	1.80E-12	1,000,000	1.80E-06	3.5E-05			
68	5.9952E-07	4.4443E-08	2.50E-04	1.11E-11	14.00	1.15E-02	1.79E-12	1,000,000	1.79E-06	3.5E-05			
69	5.9952E-07	4.4149E-08	2.50E-04	1.10E-11	14.00	1.15E-02	1.77E-12	1,000,000	1.77E-06	3.5E-05			
70	5.9952E-07	4.9065E-08	2.50E-04	1.23E-11	14.00	1.15E-02	1.97E-12	1,000,000	1.97E-06	3.8E-05			
71	5.9952E-07	4.9041E-08	2.50E-04	1.23E-11	14.00	1.15E-02	1.97E-12	1,000,000	1.97E-06	3.8E-05			
72	5.9952E-07	4.8999E-08	2.50E-04	1.23E-11	14.00	1.15E-02	1.97E-12	1,000,000	1.97E-06	3.8E-05			
73	5.9952E-07	4.8933E-08	2.50E-04	1.22E-11	14.00	1.15E-02	1.97E-12	1,000,000	1.97E-06	3.8E-05			
74	5.9952E-07	4.8813E-08	2.50E-04	1.22E-11	14.00	1.15E-02	1.96E-12	1,000,000	1.96E-06	3.8E-05			
75	5.9952E-07	4.8669E-08	2.50E-04	1.22E-11	14.00	1.15E-02	1.96E-12	1,000,000	1.96E-06	3.8E-05			
76	5.9952E-07	4.8531E-08	2.50E-04	1.21E-11	14.00	1.15E-02	1.95E-12	1,000,000	1.95E-06	3.8E-05			
77	5.9952E-07	4.8316E-08	2.50E-04	1.21E-11	14.00	1.15E-02	1.94E-12	1,000,000	1.94E-06	3.8E-05			
78	5.9952E-07	4.6649E-08	2.50E-04	1.17E-11	14.00	1.15E-02	1.88E-12	1,000,000	1.88E-06	3.6E-05			
79	5.9952E-07	4.6337E-08	2.50E-04	1.16E-11	14.00	1.15E-02	1.86E-12	1,000,000	1.86E-06	3.6E-05			
80	5.9952E-07	4.6013E-08	2.50E-04	1.15E-11	14.00	1.15E-02	1.85E-12	1,000,000	1.85E-06	3.6E-05			
81	5.9952E-07	4.5678E-08	2.50E-04	1.14E-11	14.00	1.15E-02	1.84E-12	1,000,000	1.84E-06	3.6E-05			
82	5.9952E-07	4.5372E-08	2.50E-04	1.14E-11	14.00	1.15E-02	1.82E-12	1,000,000	1.82E-06	3.5E-05			
83	5.9952E-07	5.0222E-08	2.50E-04	1.26E-11	14.00	1.15E-02	2.02E-12	1,000,000	2.02E-06	3.9E-05			
84	5.9952E-07	5.027E-08	2.50E-04	1.26E-11	14.00	1.15E-02	2.02E-12	1,000,000	2.02E-06	3.9E-05			
85	5.9952E-07	5.024E-08	2.50E-04	1.26E-11	14.00	1.15E-02	2.02E-12	1,000,000	2.02E-06	3.9E-05			
86	5.9952E-07	5.0198E-08	2.50E-04	1.26E-11	14.00	1.15E-02	2.02E-12	1,000,000	2.02E-06	3.9E-05			
87	5.9952E-07	5.0108E-08	2.50E-04	1.25E-11	14.00	1.15E-02	2.01E-12	1,000,000	2.01E-06	3.9E-05			
88	5.9952E-07	4.997E-08	2.50E-04	1.25E-11	14.00	1.15E-02	2.01E-12	1,000,000	2.01E-06	3.9E-05			
89	5.9952E-07	4.9832E-08	2.50E-04	1.25E-11	14.00	1.15E-02	2.00E-12	1,000,000	2.00E-06	3.9E-05			
90	5.9952E-07	4.964E-08	2.50E-04	1.24E-11	14.00	1.15E-02	2.00E-12	1,000,000	2.00E-06	3.9E-05			
91	5.9952E-07	4.9401E-08	2.50E-04	1.24E-11	14.00	1.15E-02	1.99E-12	1,000,000	1.99E-06	3.9E-05			
92	5.9952E-07	4.8292E-08	2.50E-04	1.21E-11	14.00	1.15E-02	1.94E-12	1,000,000	1.94E-06	3.8E-05			
93	5.9952E-07	4.7962E-08	2.50E-04	1.20E-11	14.00	1.15E-02	1.93E-12	1,000,000	1.93E-06	3.7E-05			
94	5.9952E-07	4.7644E-08	2.50E-04	1.19E-11	14.00	1.15E-02	1.92E-12	1,000,000	1.92E-06	3.7E-05			
95	5.9952E-07	4.7308E-08	2.50E-04	1.18E-11	14.00	1.15E-02	1.90E-12	1,000,000	1.90E-06	3.7E-05			
96	5.9952E-07	4.6967E-08	2.50E-04	1.18E-11	14.00	1.15E-02	1.89E-12	1,000,000	1.89E-06	3.7E-05			
97	5.9952E-07	4.6649E-08	2.50E-04	1.17E-11	14.00	1.15E-02	1.88E-12	1,000,000	1.88E-06	3.6E-05			
98	5.9952E-07	5.1553E-08	2.50E-04	1.29E-11	14.00	1.15E-02	2.07E-12	1,000,000	2.07E-06	4.0E-05			
99	5.9952E-07	5.1529E-08	2.50E-04	1.29E-11	14.00	1.15E-02	2.07E-12	1,000,000	2.07E-06	4.0E-05			

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 6

	Cancer Risk 14 to 30 years												
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million	Total Risk		Max	Receptor #
100	5.9952E-07	5.1487E-08	2.50E-04	1.29E-11	14.00	1.15E-02	2.07E-12	1,000,000	2.07E-06	4.0E-05			
101	5.9952E-07	5.1457E-08	2.50E-04	1.29E-11	14.00	1.15E-02	2.07E-12	1,000,000	2.07E-06	4.0E-05			
102	5.9952E-07	5.1325E-08	2.50E-04	1.28E-11	14.00	1.15E-02	2.06E-12	1,000,000	2.06E-06	4.0E-05			
103	5.9952E-07	5.1175E-08	2.50E-04	1.28E-11	14.00	1.15E-02	2.06E-12	1,000,000	2.06E-06	4.0E-05			
104	5.9952E-07	5.1013E-08	2.50E-04	1.28E-11	14.00	1.15E-02	2.05E-12	1,000,000	2.05E-06	4.0E-05			
105	5.9952E-07	5.0768E-08	2.50E-04	1.27E-11	14.00	1.15E-02	2.04E-12	1,000,000	2.04E-06	4.0E-05			
106	5.9952E-07	4.9646E-08	2.50E-04	1.24E-11	14.00	1.15E-02	2.00E-12	1,000,000	2.00E-06	3.9E-05			
107	5.9952E-07	4.9323E-08	2.50E-04	1.23E-11	14.00	1.15E-02	1.98E-12	1,000,000	1.98E-06	3.9E-05			
108	5.9952E-07	4.8999E-08	2.50E-04	1.23E-11	14.00	1.15E-02	1.97E-12	1,000,000	1.97E-06	3.8E-05			
109	5.9952E-07	4.8663E-08	2.50E-04	1.22E-11	14.00	1.15E-02	1.96E-12	1,000,000	1.96E-06	3.8E-05			
110	5.9952E-07	4.8316E-08	2.50E-04	1.21E-11	14.00	1.15E-02	1.94E-12	1,000,000	1.94E-06	3.8E-05			
111	5.9952E-07	4.7998E-08	2.50E-04	1.20E-11	14.00	1.15E-02	1.93E-12	1,000,000	1.93E-06	3.8E-05			
112	5.9952E-07	5.2878E-08	2.50E-04	1.32E-11	14.00	1.15E-02	2.13E-12	1,000,000	2.13E-06	4.1E-05			
113	5.9952E-07	5.2854E-08	2.50E-04	1.32E-11	14.00	1.15E-02	2.12E-12	1,000,000	2.12E-06	4.1E-05			
114	5.9952E-07	5.283E-08	2.50E-04	1.32E-11	14.00	1.15E-02	2.12E-12	1,000,000	2.12E-06	4.1E-05			
115	5.9952E-07	5.274E-08	2.50E-04	1.32E-11	14.00	1.15E-02	2.12E-12	1,000,000	2.12E-06	4.1E-05			
116	5.9952E-07	5.2584E-08	2.50E-04	1.32E-11	14.00	1.15E-02	2.11E-12	1,000,000	2.11E-06	4.1E-05			
117	5.9952E-07	5.2428E-08	2.50E-04	1.31E-11	14.00	1.15E-02	2.11E-12	1,000,000	2.11E-06	4.1E-05			
118	5.9952E-07	5.2212E-08	2.50E-04	1.31E-11	14.00	1.15E-02	2.10E-12	1,000,000	2.10E-06	4.1E-05			
119	5.9952E-07	5.1943E-08	2.50E-04	1.30E-11	14.00	1.15E-02	2.09E-12	1,000,000	2.09E-06	4.1E-05			
120	5.9952E-07	5.1049E-08	2.50E-04	1.28E-11	14.00	1.15E-02	2.05E-12	1,000,000	2.05E-06	4.0E-05			
121	5.9952E-07	5.075E-08	2.50E-04	1.27E-11	14.00	1.15E-02	2.04E-12	1,000,000	2.04E-06	4.0E-05			
122	5.9952E-07	5.0408E-08	2.50E-04	1.26E-11	14.00	1.15E-02	2.03E-12	1,000,000	2.03E-06	3.9E-05			
123	5.9952E-07	5.0072E-08	2.50E-04	1.25E-11	14.00	1.15E-02	2.01E-12	1,000,000	2.01E-06	3.9E-05			
124	5.9952E-07	4.973E-08	2.50E-04	1.24E-11	14.00	1.15E-02	2.00E-12	1,000,000	2.00E-06	3.9E-05			
125	5.9952E-07	4.9395E-08	2.50E-04	1.24E-11	14.00	1.15E-02	1.99E-12	1,000,000	1.99E-06	3.9E-05			
126	5.9952E-07	5.4287E-08	2.50E-04	1.36E-11	14.00	1.15E-02	2.18E-12	1,000,000	2.18E-06	4.2E-05			
127	5.9952E-07	5.4287E-08	2.50E-04	1.36E-11	14.00	1.15E-02	2.18E-12	1,000,000	2.18E-06	4.2E-05			
128	5.9952E-07	5.4251E-08	2.50E-04	1.36E-11	14.00	1.15E-02	2.18E-12	1,000,000	2.18E-06	4.2E-05			
129	5.9952E-07	5.4203E-08	2.50E-04	1.36E-11	14.00	1.15E-02	2.18E-12	1,000,000	2.18E-06	4.2E-05			
130	5.9952E-07	5.4059E-08	2.50E-04	1.35E-11	14.00	1.15E-02	2.17E-12	1,000,000	2.17E-06	4.2E-05			
131	5.9952E-07	5.3891E-08	2.50E-04	1.35E-11	14.00	1.15E-02	2.17E-12	1,000,000	2.17E-06	4.2E-05			
132	5.9952E-07	5.3711E-08	2.50E-04	1.34E-11	14.00	1.15E-02	2.16E-12	1,000,000	2.16E-06	4.2E-05			

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 6

	Cancer Risk 14 to 30 years												
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million	Total Risk		Max	Receptor #
133	5.9952E-07	5.3447E-08	2.50E-04	1.34E-11	14.00	1.15E-02	2.15E-12	1,000,000	2.15E-06	4.2E-05			
134	5.9952E-07	5.2278E-08	2.50E-04	1.31E-11	14.00	1.15E-02	2.10E-12	1,000,000	2.10E-06	4.1E-05			
135	5.9952E-07	5.1913E-08	2.50E-04	1.30E-11	14.00	1.15E-02	2.09E-12	1,000,000	2.09E-06	4.1E-05			
136	5.9952E-07	5.1547E-08	2.50E-04	1.29E-11	14.00	1.15E-02	2.07E-12	1,000,000	2.07E-06	4.0E-05			
137	5.9952E-07	5.1205E-08	2.50E-04	1.28E-11	14.00	1.15E-02	2.06E-12	1,000,000	2.06E-06	4.0E-05			
138	5.9952E-07	5.0869E-08	2.50E-04	1.27E-11	14.00	1.15E-02	2.04E-12	1,000,000	2.04E-06	4.0E-05			
139	5.9952E-07	5.5774E-08	2.50E-04	1.40E-11	14.00	1.15E-02	2.24E-12	1,000,000	2.24E-06	4.4E-05			
140	5.9952E-07	5.5738E-08	2.50E-04	1.39E-11	14.00	1.15E-02	2.24E-12	1,000,000	2.24E-06	4.4E-05			
141	5.9952E-07	5.5696E-08	2.50E-04	1.39E-11	14.00	1.15E-02	2.24E-12	1,000,000	2.24E-06	4.4E-05			
142	5.9952E-07	5.56E-08	2.50E-04	1.39E-11	14.00	1.15E-02	2.23E-12	1,000,000	2.23E-06	4.3E-05			
143	5.9952E-07	5.5426E-08	2.50E-04	1.39E-11	14.00	1.15E-02	2.23E-12	1,000,000	2.23E-06	4.3E-05			
144	5.9952E-07	5.5246E-08	2.50E-04	1.38E-11	14.00	1.15E-02	2.22E-12	1,000,000	2.22E-06	4.3E-05			
145	5.9952E-07	5.5024E-08	2.50E-04	1.38E-11	14.00	1.15E-02	2.21E-12	1,000,000	2.21E-06	4.3E-05			
146	5.9952E-07	5.4736E-08	2.50E-04	1.37E-11	14.00	1.15E-02	2.20E-12	1,000,000	2.20E-06	4.3E-05			
147	5.9952E-07	5.3831E-08	2.50E-04	1.35E-11	14.00	1.15E-02	2.16E-12	1,000,000	2.16E-06	4.2E-05			
148	5.9952E-07	5.3471E-08	2.50E-04	1.34E-11	14.00	1.15E-02	2.15E-12	1,000,000	2.15E-06	4.2E-05			
149	5.9952E-07	5.3112E-08	2.50E-04	1.33E-11	14.00	1.15E-02	2.13E-12	1,000,000	2.13E-06	4.2E-05			
150	5.9952E-07	5.2752E-08	2.50E-04	1.32E-11	14.00	1.15E-02	2.12E-12	1,000,000	2.12E-06	4.1E-05			
151	5.9952E-07	5.2404E-08	2.50E-04	1.31E-11	14.00	1.15E-02	2.11E-12	1,000,000	2.11E-06	4.1E-05			
152	5.9952E-07	5.7296E-08	2.50E-04	1.43E-11	14.00	1.15E-02	2.30E-12	1,000,000	2.30E-06	4.5E-05			
153	5.9952E-07	5.7302E-08	2.50E-04	1.43E-11	14.00	1.15E-02	2.30E-12	1,000,000	2.30E-06	4.5E-05			
154	5.9952E-07	5.726E-08	2.50E-04	1.43E-11	14.00	1.15E-02	2.30E-12	1,000,000	2.30E-06	4.5E-05			
155	5.9952E-07	5.7194E-08	2.50E-04	1.43E-11	14.00	1.15E-02	2.30E-12	1,000,000	2.30E-06	4.5E-05			
156	5.9952E-07	5.7045E-08	2.50E-04	1.43E-11	14.00	1.15E-02	2.29E-12	1,000,000	2.29E-06	4.5E-05			
157	5.9952E-07	5.6859E-08	2.50E-04	1.42E-11	14.00	1.15E-02	2.29E-12	1,000,000	2.29E-06	4.4E-05			
158	5.9952E-07	5.6643E-08	2.50E-04	1.42E-11	14.00	1.15E-02	2.28E-12	1,000,000	2.28E-06	4.4E-05			
159	5.9952E-07	5.6391E-08	2.50E-04	1.41E-11	14.00	1.15E-02	2.27E-12	1,000,000	2.27E-06	4.4E-05			
160	5.9952E-07	5.6127E-08	2.50E-04	1.40E-11	14.00	1.15E-02	2.26E-12	1,000,000	2.26E-06	4.4E-05			
161	5.9952E-07	5.581E-08	2.50E-04	1.40E-11	14.00	1.15E-02	2.24E-12	1,000,000	2.24E-06	4.4E-05			
162	5.9952E-07	5.5486E-08	2.50E-04	1.39E-11	14.00	1.15E-02	2.23E-12	1,000,000	2.23E-06	4.3E-05			
163	5.9952E-07	5.5138E-08	2.50E-04	1.38E-11	14.00	1.15E-02	2.22E-12	1,000,000	2.22E-06	4.3E-05			
164	5.9952E-07	5.4766E-08	2.50E-04	1.37E-11	14.00	1.15E-02	2.20E-12	1,000,000	2.20E-06	4.3E-05			
165	5.9952E-07	5.4371E-08	2.50E-04	1.36E-11	14.00	1.15E-02	2.19E-12	1,000,000	2.19E-06	4.2E-05			

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 6

	Cancer Risk 14 to 30 years												
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million	Total Risk		Max	Receptor #
166	5.9952E-07	5.3999E-08	2.50E-04	1.35E-11	14.00	1.15E-02	2.17E-12	1,000,000	2.17E-06	4.2E-05			
167	5.9952E-07	5.8921E-08	2.50E-04	1.47E-11	14.00	1.15E-02	2.37E-12	1,000,000	2.37E-06	4.6E-05			
168	5.9952E-07	5.8891E-08	2.50E-04	1.47E-11	14.00	1.15E-02	2.37E-12	1,000,000	2.37E-06	4.6E-05			
169	5.9952E-07	5.8837E-08	2.50E-04	1.47E-11	14.00	1.15E-02	2.36E-12	1,000,000	2.36E-06	4.6E-05			
170	5.9952E-07	5.8741E-08	2.50E-04	1.47E-11	14.00	1.15E-02	2.36E-12	1,000,000	2.36E-06	4.6E-05			
171	5.9952E-07	5.8567E-08	2.50E-04	1.47E-11	14.00	1.15E-02	2.35E-12	1,000,000	2.35E-06	4.6E-05			
172	5.9952E-07	5.837E-08	2.50E-04	1.46E-11	14.00	1.15E-02	2.35E-12	1,000,000	2.35E-06	4.6E-05			
173	5.9952E-07	5.8148E-08	2.50E-04	1.46E-11	14.00	1.15E-02	2.34E-12	1,000,000	2.34E-06	4.5E-05			
174	5.9952E-07	5.7896E-08	2.50E-04	1.45E-11	14.00	1.15E-02	2.33E-12	1,000,000	2.33E-06	4.5E-05			
175	5.9952E-07	5.7578E-08	2.50E-04	1.44E-11	14.00	1.15E-02	2.31E-12	1,000,000	2.31E-06	4.5E-05			
176	5.9952E-07	5.7242E-08	2.50E-04	1.43E-11	14.00	1.15E-02	2.30E-12	1,000,000	2.30E-06	4.5E-05			
177	5.9952E-07	5.6877E-08	2.50E-04	1.42E-11	14.00	1.15E-02	2.29E-12	1,000,000	2.29E-06	4.4E-05			
178	5.9952E-07	5.6487E-08	2.50E-04	1.41E-11	14.00	1.15E-02	2.27E-12	1,000,000	2.27E-06	4.4E-05			
179	5.9952E-07	5.6073E-08	2.50E-04	1.40E-11	14.00	1.15E-02	2.25E-12	1,000,000	2.25E-06	4.4E-05			
180	5.9952E-07	5.569E-08	2.50E-04	1.39E-11	14.00	1.15E-02	2.24E-12	1,000,000	2.24E-06	4.4E-05			
181	5.9952E-07	6.054E-08	2.50E-04	1.52E-11	14.00	1.15E-02	2.43E-12	1,000,000	2.43E-06	4.7E-05			
182	5.9952E-07	6.0594E-08	2.50E-04	1.52E-11	14.00	1.15E-02	2.44E-12	1,000,000	2.44E-06	4.7E-05			
183	5.9952E-07	6.0552E-08	2.50E-04	1.52E-11	14.00	1.15E-02	2.43E-12	1,000,000	2.43E-06	4.7E-05			
184	5.9952E-07	6.0474E-08	2.50E-04	1.51E-11	14.00	1.15E-02	2.43E-12	1,000,000	2.43E-06	4.7E-05			
185	5.9952E-07	6.0342E-08	2.50E-04	1.51E-11	14.00	1.15E-02	2.43E-12	1,000,000	2.43E-06	4.7E-05			
186	5.9952E-07	6.0156E-08	2.50E-04	1.51E-11	14.00	1.15E-02	2.42E-12	1,000,000	2.42E-06	4.7E-05			
187	5.9952E-07	5.994E-08	2.50E-04	1.50E-11	14.00	1.15E-02	2.41E-12	1,000,000	2.41E-06	4.7E-05			
188	5.9952E-07	5.9682E-08	2.50E-04	1.49E-11	14.00	1.15E-02	2.40E-12	1,000,000	2.40E-06	4.7E-05			
189	5.9952E-07	5.9371E-08	2.50E-04	1.49E-11	14.00	1.15E-02	2.39E-12	1,000,000	2.39E-06	4.6E-05			
190	5.9952E-07	5.9029E-08	2.50E-04	1.48E-11	14.00	1.15E-02	2.37E-12	1,000,000	2.37E-06	4.6E-05			
191	5.9952E-07	5.8663E-08	2.50E-04	1.47E-11	14.00	1.15E-02	2.36E-12	1,000,000	2.36E-06	4.6E-05			
192	5.9952E-07	5.8274E-08	2.50E-04	1.46E-11	14.00	1.15E-02	2.34E-12	1,000,000	2.34E-06	4.6E-05			
193	5.9952E-07	5.786E-08	2.50E-04	1.45E-11	14.00	1.15E-02	2.33E-12	1,000,000	2.33E-06	4.5E-05			
194	5.9952E-07	5.747E-08	2.50E-04	1.44E-11	14.00	1.15E-02	2.31E-12	1,000,000	2.31E-06	4.5E-05			
195	5.9952E-07	6.2374E-08	2.50E-04	1.56E-11	14.00	1.15E-02	2.51E-12	1,000,000	2.51E-06	4.9E-05			
196	5.9952E-07	6.2344E-08	2.50E-04	1.56E-11	14.00	1.15E-02	2.51E-12	1,000,000	2.51E-06	4.9E-05			
197	5.9952E-07	6.2278E-08	2.50E-04	1.56E-11	14.00	1.15E-02	2.50E-12	1,000,000	2.50E-06	4.9E-05			
198	5.9952E-07	6.2206E-08	2.50E-04	1.56E-11	14.00	1.15E-02	2.50E-12	1,000,000	2.50E-06	4.9E-05			

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 6

	Cancer Risk 14 to 30 years												
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million	Total Risk		Max	Receptor #
199	5.9952E-07	6.2051E-08	2.50E-04	1.55E-11	14.00	1.15E-02	2.49E-12	1,000,000	2.49E-06	4.9E-05			
200	5.9952E-07	6.1841E-08	2.50E-04	1.55E-11	14.00	1.15E-02	2.49E-12	1,000,000	2.49E-06	4.8E-05			
201	5.9952E-07	6.1583E-08	2.50E-04	1.54E-11	14.00	1.15E-02	2.48E-12	1,000,000	2.48E-06	4.8E-05			
202	5.9952E-07	6.1283E-08	2.50E-04	1.53E-11	14.00	1.15E-02	2.46E-12	1,000,000	2.46E-06	4.8E-05			
203	5.9952E-07	6.0941E-08	2.50E-04	1.53E-11	14.00	1.15E-02	2.45E-12	1,000,000	2.45E-06	4.8E-05			
204	5.9952E-07	6.0576E-08	2.50E-04	1.52E-11	14.00	1.15E-02	2.43E-12	1,000,000	2.43E-06	4.7E-05			
205	5.9952E-07	6.0186E-08	2.50E-04	1.51E-11	14.00	1.15E-02	2.42E-12	1,000,000	2.42E-06	4.7E-05			
206	5.9952E-07	5.9766E-08	2.50E-04	1.50E-11	14.00	1.15E-02	2.40E-12	1,000,000	2.40E-06	4.7E-05			
207	5.9952E-07	5.9359E-08	2.50E-04	1.49E-11	14.00	1.15E-02	2.39E-12	1,000,000	2.39E-06	4.6E-05			
208	5.9952E-07	6.4233E-08	2.50E-04	1.61E-11	14.00	1.15E-02	2.58E-12	1,000,000	2.58E-06	5.0E-05			
209	5.9952E-07	6.4185E-08	2.50E-04	1.61E-11	14.00	1.15E-02	2.58E-12	1,000,000	2.58E-06	5.0E-05			
210	5.9952E-07	6.4107E-08	2.50E-04	1.60E-11	14.00	1.15E-02	2.58E-12	1,000,000	2.58E-06	5.0E-05			
211	5.9952E-07	6.3993E-08	2.50E-04	1.60E-11	14.00	1.15E-02	2.57E-12	1,000,000	2.57E-06	5.0E-05			
212	5.9952E-07	6.3819E-08	2.50E-04	1.60E-11	14.00	1.15E-02	2.57E-12	1,000,000	2.57E-06	5.0E-05			
213	5.9952E-07	6.3579E-08	2.50E-04	1.59E-11	14.00	1.15E-02	2.56E-12	1,000,000	2.56E-06	5.0E-05			
214	5.9952E-07	6.3292E-08	2.50E-04	1.58E-11	14.00	1.15E-02	2.54E-12	1,000,000	2.54E-06	4.9E-05			
215	5.9952E-07	6.298E-08	2.50E-04	1.58E-11	14.00	1.15E-02	2.53E-12	1,000,000	2.53E-06	4.9E-05			
216	5.9952E-07	6.2614E-08	2.50E-04	1.57E-11	14.00	1.15E-02	2.52E-12	1,000,000	2.52E-06	4.9E-05			
217	5.9952E-07	6.2212E-08	2.50E-04	1.56E-11	14.00	1.15E-02	2.50E-12	1,000,000	2.50E-06	4.9E-05			
218	5.9952E-07	6.1781E-08	2.50E-04	1.55E-11	14.00	1.15E-02	2.48E-12	1,000,000	2.48E-06	4.8E-05			
219	5.9952E-07	6.1343E-08	2.50E-04	1.54E-11	14.00	1.15E-02	2.47E-12	1,000,000	2.47E-06	4.8E-05			
220	5.9952E-07	6.5852E-08	2.50E-04	1.65E-11	14.00	1.15E-02	2.65E-12	1,000,000	2.65E-06	5.1E-05			
221	5.9952E-07	6.5636E-08	2.50E-04	1.64E-11	14.00	1.15E-02	2.64E-12	1,000,000	2.64E-06	5.1E-05			
222	5.9952E-07	6.5366E-08	2.50E-04	1.64E-11	14.00	1.15E-02	2.63E-12	1,000,000	2.63E-06	5.1E-05			
223	5.9952E-07	6.5054E-08	2.50E-04	1.63E-11	14.00	1.15E-02	2.61E-12	1,000,000	2.61E-06	5.1E-05			
224	5.9952E-07	6.47E-08	2.50E-04	1.62E-11	14.00	1.15E-02	2.60E-12	1,000,000	2.60E-06	5.1E-05			
225	5.9952E-07	6.4305E-08	2.50E-04	1.61E-11	14.00	1.15E-02	2.58E-12	1,000,000	2.58E-06	5.0E-05			
226	5.9952E-07	6.3879E-08	2.50E-04	1.60E-11	14.00	1.15E-02	2.57E-12	1,000,000	2.57E-06	5.0E-05			
227	5.9952E-07	6.3453E-08	2.50E-04	1.59E-11	14.00	1.15E-02	2.55E-12	1,000,000	2.55E-06	5.0E-05			
228	5.9952E-07	6.7836E-08	2.50E-04	1.70E-11	14.00	1.15E-02	2.73E-12	1,000,000	2.73E-06	5.3E-05			
229	5.9952E-07	6.759E-08	2.50E-04	1.69E-11	14.00	1.15E-02	2.72E-12	1,000,000	2.72E-06	5.3E-05			
230	5.9952E-07	6.7284E-08	2.50E-04	1.68E-11	14.00	1.15E-02	2.70E-12	1,000,000	2.70E-06	5.3E-05			
231	5.9952E-07	6.6943E-08	2.50E-04	1.68E-11	14.00	1.15E-02	2.69E-12	1,000,000	2.69E-06	5.2E-05			

Sywest Industrial Building - Alternative 3
Unmitigated - Operational - ED Risk - Haul 6

	Cancer Risk 14 to 30 years												
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million	Total Risk		Max	Receptor #
232	5.9952E-07	6.6547E-08	2.50E-04	1.67E-11	14.00	1.15E-02	2.67E-12	1,000,000	2.67E-06	5.2E-05			
233	5.9952E-07	6.6127E-08	2.50E-04	1.65E-11	14.00	1.15E-02	2.66E-12	1,000,000	2.66E-06	5.2E-05			
234	5.9952E-07	6.569E-08	2.50E-04	1.64E-11	14.00	1.15E-02	2.64E-12	1,000,000	2.64E-06	5.1E-05			
235	5.9952E-07	6.4233E-08	2.50E-04	1.61E-11	14.00	1.15E-02	2.58E-12	1,000,000	2.58E-06	5.0E-05			
236	5.9952E-07	6.6211E-08	2.50E-04	1.66E-11	14.00	1.15E-02	2.66E-12	1,000,000	2.66E-06	5.2E-05			
237	5.9952E-07	6.6157E-08	2.50E-04	1.66E-11	14.00	1.15E-02	2.66E-12	1,000,000	2.66E-06	5.2E-05			
238	5.9952E-07	6.6073E-08	2.50E-04	1.65E-11	14.00	1.15E-02	2.66E-12	1,000,000	2.66E-06	5.2E-05			
239	5.9952E-07	6.8292E-08	2.50E-04	1.71E-11	14.00	1.15E-02	2.74E-12	1,000,000	2.74E-06	5.3E-05			
240	5.9952E-07	6.8244E-08	2.50E-04	1.71E-11	14.00	1.15E-02	2.74E-12	1,000,000	2.74E-06	5.3E-05			
241	5.9952E-07	6.8112E-08	2.50E-04	1.70E-11	14.00	1.15E-02	2.74E-12	1,000,000	2.74E-06	5.3E-05			
242	5.9952E-07	6.7944E-08	2.50E-04	1.70E-11	14.00	1.15E-02	2.73E-12	1,000,000	2.73E-06	5.3E-05			

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 6

	Cancer Risk 14 to 30 years												
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million	Total Risk		Max	Receptor #
243	5.9952E-07	1.592E-07	2.50E-04	3.98E-11	14.00	1.15E-02	6.40E-12	1,000,000	6.40E-06	1.2E-04			
244	5.9952E-07	1.6343E-07	2.50E-04	4.09E-11	14.00	1.15E-02	6.57E-12	1,000,000	6.57E-06	1.3E-04			
245	5.9952E-07	1.6736E-07	2.50E-04	4.19E-11	14.00	1.15E-02	6.73E-12	1,000,000	6.73E-06	1.3E-04			
246	5.9952E-07	1.709E-07	2.50E-04	4.28E-11	14.00	1.15E-02	6.87E-12	1,000,000	6.87E-06	1.3E-04			
247	5.9952E-07	1.7413E-07	2.50E-04	4.36E-11	14.00	1.15E-02	7.00E-12	1,000,000	7.00E-06	1.4E-04			
248	5.9952E-07	1.7696E-07	2.50E-04	4.43E-11	14.00	1.15E-02	7.11E-12	1,000,000	7.11E-06	1.4E-04			
249	5.9952E-07	1.794E-07	2.50E-04	4.49E-11	14.00	1.15E-02	7.21E-12	1,000,000	7.21E-06	1.4E-04			
250	5.9952E-07	1.814E-07	2.50E-04	4.54E-11	14.00	1.15E-02	7.29E-12	1,000,000	7.29E-06	1.4E-04			
251	5.9952E-07	1.8293E-07	2.50E-04	4.58E-11	14.00	1.15E-02	7.35E-12	1,000,000	7.35E-06	1.4E-04			
252	5.9952E-07	1.5578E-07	2.50E-04	3.90E-11	14.00	1.15E-02	6.26E-12	1,000,000	6.26E-06	1.2E-04			
253	5.9952E-07	1.608E-07	2.50E-04	4.02E-11	14.00	1.15E-02	6.46E-12	1,000,000	6.46E-06	1.3E-04			
254	5.9952E-07	1.6573E-07	2.50E-04	4.15E-11	14.00	1.15E-02	6.66E-12	1,000,000	6.66E-06	1.3E-04			
255	5.9952E-07	1.705E-07	2.50E-04	4.27E-11	14.00	1.15E-02	6.85E-12	1,000,000	6.85E-06	1.3E-04			
256	5.9952E-07	1.7502E-07	2.50E-04	4.38E-11	14.00	1.15E-02	7.03E-12	1,000,000	7.03E-06	1.4E-04			
257	5.9952E-07	1.7932E-07	2.50E-04	4.49E-11	14.00	1.15E-02	7.21E-12	1,000,000	7.21E-06	1.4E-04			
258	5.9952E-07	1.832E-07	2.50E-04	4.59E-11	14.00	1.15E-02	7.36E-12	1,000,000	7.36E-06	1.4E-04			
259	5.9952E-07	1.8676E-07	2.50E-04	4.67E-11	14.00	1.15E-02	7.51E-12	1,000,000	7.51E-06	1.5E-04			
260	5.9952E-07	1.8983E-07	2.50E-04	4.75E-11	14.00	1.15E-02	7.63E-12	1,000,000	7.63E-06	1.5E-04			
261	5.9952E-07	1.9239E-07	2.50E-04	4.81E-11	14.00	1.15E-02	7.73E-12	1,000,000	7.73E-06	1.5E-04			
262	5.9952E-07	1.9434E-07	2.50E-04	4.86E-11	14.00	1.15E-02	7.81E-12	1,000,000	7.81E-06	1.5E-04			
263	5.9952E-07	1.6099E-07	2.50E-04	4.03E-11	14.00	1.15E-02	6.47E-12	1,000,000	6.47E-06	1.3E-04			
264	5.9952E-07	1.6676E-07	2.50E-04	4.17E-11	14.00	1.15E-02	6.70E-12	1,000,000	6.70E-06	1.3E-04			
265	5.9952E-07	1.7236E-07	2.50E-04	4.31E-11	14.00	1.15E-02	6.93E-12	1,000,000	6.93E-06	1.3E-04			
266	5.9952E-07	1.7788E-07	2.50E-04	4.45E-11	14.00	1.15E-02	7.15E-12	1,000,000	7.15E-06	1.4E-04			
267	5.9952E-07	1.8317E-07	2.50E-04	4.58E-11	14.00	1.15E-02	7.36E-12	1,000,000	7.36E-06	1.4E-04			
268	5.9952E-07	1.8825E-07	2.50E-04	4.71E-11	14.00	1.15E-02	7.57E-12	1,000,000	7.57E-06	1.5E-04			
269	5.9952E-07	1.9288E-07	2.50E-04	4.83E-11	14.00	1.15E-02	7.75E-12	1,000,000	7.75E-06	1.5E-04			
270	5.9952E-07	1.9717E-07	2.50E-04	4.93E-11	14.00	1.15E-02	7.93E-12	1,000,000	7.93E-06	1.5E-04			
271	5.9952E-07	2.0091E-07	2.50E-04	5.03E-11	14.00	1.15E-02	8.08E-12	1,000,000	8.08E-06	1.6E-04			
272	5.9952E-07	2.0411E-07	2.50E-04	5.11E-11	14.00	1.15E-02	8.20E-12	1,000,000	8.20E-06	1.6E-04			
273	5.9952E-07	2.0671E-07	2.50E-04	5.17E-11	14.00	1.15E-02	8.31E-12	1,000,000	8.31E-06	1.6E-04			
274	5.9952E-07	2.0904E-07	2.50E-04	5.23E-11	14.00	1.15E-02	8.40E-12	1,000,000	8.40E-06	1.6E-04			
275	5.9952E-07	1.6631E-07	2.50E-04	4.16E-11	14.00	1.15E-02	6.68E-12	1,000,000	6.68E-06	1.3E-04			

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 6

	Cancer Risk 14 to 30 years												
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million	Total Risk		Max	Receptor #
276	5.9952E-07	1.7272E-07	2.50E-04	4.32E-11	14.00	1.15E-02	6.94E-12	1,000,000	6.94E-06	1.4E-04			
277	5.9952E-07	1.7913E-07	2.50E-04	4.48E-11	14.00	1.15E-02	7.20E-12	1,000,000	7.20E-06	1.4E-04			
278	5.9952E-07	1.8545E-07	2.50E-04	4.64E-11	14.00	1.15E-02	7.45E-12	1,000,000	7.45E-06	1.4E-04			
279	5.9952E-07	1.9161E-07	2.50E-04	4.80E-11	14.00	1.15E-02	7.70E-12	1,000,000	7.70E-06	1.5E-04			
280	5.9952E-07	1.9753E-07	2.50E-04	4.94E-11	14.00	1.15E-02	7.94E-12	1,000,000	7.94E-06	1.5E-04			
281	5.9952E-07	2.0315E-07	2.50E-04	5.08E-11	14.00	1.15E-02	8.17E-12	1,000,000	8.17E-06	1.6E-04			
282	5.9952E-07	2.0827E-07	2.50E-04	5.21E-11	14.00	1.15E-02	8.37E-12	1,000,000	8.37E-06	1.6E-04			
283	5.9952E-07	2.1285E-07	2.50E-04	5.33E-11	14.00	1.15E-02	8.56E-12	1,000,000	8.56E-06	1.7E-04			
284	5.9952E-07	2.1688E-07	2.50E-04	5.43E-11	14.00	1.15E-02	8.72E-12	1,000,000	8.72E-06	1.7E-04			
285	5.9952E-07	2.2032E-07	2.50E-04	5.51E-11	14.00	1.15E-02	8.86E-12	1,000,000	8.86E-06	1.7E-04			
286	5.9952E-07	2.2312E-07	2.50E-04	5.58E-11	14.00	1.15E-02	8.97E-12	1,000,000	8.97E-06	1.7E-04			
287	5.9952E-07	1.716E-07	2.50E-04	4.29E-11	14.00	1.15E-02	6.90E-12	1,000,000	6.90E-06	1.3E-04			
288	5.9952E-07	1.7878E-07	2.50E-04	4.47E-11	14.00	1.15E-02	7.19E-12	1,000,000	7.19E-06	1.4E-04			
289	5.9952E-07	1.8605E-07	2.50E-04	4.66E-11	14.00	1.15E-02	7.48E-12	1,000,000	7.48E-06	1.5E-04			
290	5.9952E-07	1.9326E-07	2.50E-04	4.84E-11	14.00	1.15E-02	7.77E-12	1,000,000	7.77E-06	1.5E-04			
291	5.9952E-07	2.0037E-07	2.50E-04	5.01E-11	14.00	1.15E-02	8.05E-12	1,000,000	8.05E-06	1.6E-04			
292	5.9952E-07	2.072E-07	2.50E-04	5.19E-11	14.00	1.15E-02	8.33E-12	1,000,000	8.33E-06	1.6E-04			
293	5.9952E-07	2.1379E-07	2.50E-04	5.35E-11	14.00	1.15E-02	8.59E-12	1,000,000	8.59E-06	1.7E-04			
294	5.9952E-07	2.1989E-07	2.50E-04	5.50E-11	14.00	1.15E-02	8.84E-12	1,000,000	8.84E-06	1.7E-04			
295	5.9952E-07	2.2546E-07	2.50E-04	5.64E-11	14.00	1.15E-02	9.06E-12	1,000,000	9.06E-06	1.8E-04			
296	5.9952E-07	2.3046E-07	2.50E-04	5.77E-11	14.00	1.15E-02	9.26E-12	1,000,000	9.26E-06	1.8E-04			
297	5.9952E-07	2.3486E-07	2.50E-04	5.88E-11	14.00	1.15E-02	9.44E-12	1,000,000	9.44E-06	1.8E-04			
298	5.9952E-07	2.3848E-07	2.50E-04	5.97E-11	14.00	1.15E-02	9.59E-12	1,000,000	9.59E-06	1.9E-04			
299	5.9952E-07	1.7688E-07	2.50E-04	4.43E-11	14.00	1.15E-02	7.11E-12	1,000,000	7.11E-06	1.4E-04			
300	5.9952E-07	1.8483E-07	2.50E-04	4.63E-11	14.00	1.15E-02	7.43E-12	1,000,000	7.43E-06	1.4E-04			
301	5.9952E-07	1.9298E-07	2.50E-04	4.83E-11	14.00	1.15E-02	7.76E-12	1,000,000	7.76E-06	1.5E-04			
302	5.9952E-07	2.0116E-07	2.50E-04	5.03E-11	14.00	1.15E-02	8.09E-12	1,000,000	8.09E-06	1.6E-04			
303	5.9952E-07	2.0923E-07	2.50E-04	5.24E-11	14.00	1.15E-02	8.41E-12	1,000,000	8.41E-06	1.6E-04			
304	5.9952E-07	2.1727E-07	2.50E-04	5.44E-11	14.00	1.15E-02	8.73E-12	1,000,000	8.73E-06	1.7E-04			
305	5.9952E-07	2.249E-07	2.50E-04	5.63E-11	14.00	1.15E-02	9.04E-12	1,000,000	9.04E-06	1.8E-04			
306	5.9952E-07	2.322E-07	2.50E-04	5.81E-11	14.00	1.15E-02	9.33E-12	1,000,000	9.33E-06	1.8E-04			
307	5.9952E-07	2.3897E-07	2.50E-04	5.98E-11	14.00	1.15E-02	9.61E-12	1,000,000	9.61E-06	1.9E-04			
308	5.9952E-07	2.4519E-07	2.50E-04	6.14E-11	14.00	1.15E-02	9.86E-12	1,000,000	9.86E-06	1.9E-04			

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Haul 6

	Cancer Risk 14 to 30 years												
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million	Total Risk		Max	Receptor #
309	5.9952E-07	2.5076E-07	2.50E-04	6.28E-11	14.00	1.15E-02	1.01E-11	1,000,000	1.01E-05	2.0E-04			
310	5.9952E-07	2.5533E-07	2.50E-04	6.39E-11	14.00	1.15E-02	1.03E-11	1,000,000	1.03E-05	2.0E-04			
311	5.9952E-07	1.8209E-07	2.50E-04	4.56E-11	14.00	1.15E-02	7.32E-12	1,000,000	7.32E-06	1.4E-04			
312	5.9952E-07	1.9082E-07	2.50E-04	4.78E-11	14.00	1.15E-02	7.67E-12	1,000,000	7.67E-06	1.5E-04			
313	5.9952E-07	1.9982E-07	2.50E-04	5.00E-11	14.00	1.15E-02	8.03E-12	1,000,000	8.03E-06	1.6E-04			
314	5.9952E-07	2.0902E-07	2.50E-04	5.23E-11	14.00	1.15E-02	8.40E-12	1,000,000	8.40E-06	1.6E-04			
315	5.9952E-07	2.1836E-07	2.50E-04	5.46E-11	14.00	1.15E-02	8.78E-12	1,000,000	8.78E-06	1.7E-04			
316	5.9952E-07	2.2765E-07	2.50E-04	5.70E-11	14.00	1.15E-02	9.15E-12	1,000,000	9.15E-06	1.8E-04			
317	5.9952E-07	2.366E-07	2.50E-04	5.92E-11	14.00	1.15E-02	9.51E-12	1,000,000	9.51E-06	1.8E-04			
318	5.9952E-07	2.4529E-07	2.50E-04	6.14E-11	14.00	1.15E-02	9.86E-12	1,000,000	9.86E-06	1.9E-04			
319	5.9952E-07	2.5343E-07	2.50E-04	6.34E-11	14.00	1.15E-02	1.02E-11	1,000,000	1.02E-05	2.0E-04			
320	5.9952E-07	2.6107E-07	2.50E-04	6.53E-11	14.00	1.15E-02	1.05E-11	1,000,000	1.05E-05	2.0E-04			
321	5.9952E-07	2.679E-07	2.50E-04	6.70E-11	14.00	1.15E-02	1.08E-11	1,000,000	1.08E-05	2.1E-04			
322	5.9952E-07	2.738E-07	2.50E-04	6.85E-11	14.00	1.15E-02	1.10E-11	1,000,000	1.10E-05	2.1E-04			
323	5.9952E-07	1.8727E-07	2.50E-04	4.69E-11	14.00	1.15E-02	7.53E-12	1,000,000	7.53E-06	1.5E-04			
324	5.9952E-07	1.9688E-07	2.50E-04	4.93E-11	14.00	1.15E-02	7.91E-12	1,000,000	7.91E-06	1.5E-04			
325	5.9952E-07	2.0686E-07	2.50E-04	5.18E-11	14.00	1.15E-02	8.31E-12	1,000,000	8.31E-06	1.6E-04			
326	5.9952E-07	2.1736E-07	2.50E-04	5.44E-11	14.00	1.15E-02	8.74E-12	1,000,000	8.74E-06	1.7E-04			
327	5.9952E-07	2.2761E-07	2.50E-04	5.70E-11	14.00	1.15E-02	9.15E-12	1,000,000	9.15E-06	1.8E-04			
328	5.9952E-07	2.3817E-07	2.50E-04	5.96E-11	14.00	1.15E-02	9.57E-12	1,000,000	9.57E-06	1.9E-04			
329	5.9952E-07	2.4829E-07	2.50E-04	6.21E-11	14.00	1.15E-02	9.98E-12	1,000,000	9.98E-06	1.9E-04			
330	5.9952E-07	2.5882E-07	2.50E-04	6.48E-11	14.00	1.15E-02	1.04E-11	1,000,000	1.04E-05	2.0E-04			
331	5.9952E-07	2.6871E-07	2.50E-04	6.73E-11	14.00	1.15E-02	1.08E-11	1,000,000	1.08E-05	2.1E-04			
332	5.9952E-07	2.7796E-07	2.50E-04	6.96E-11	14.00	1.15E-02	1.12E-11	1,000,000	1.12E-05	2.2E-04			
333	5.9952E-07	2.8646E-07	2.50E-04	7.17E-11	14.00	1.15E-02	1.15E-11	1,000,000	1.15E-05	2.2E-04			
334	5.9952E-07	2.9425E-07	2.50E-04	7.36E-11	14.00	1.15E-02	1.18E-11	1,000,000	1.18E-05	2.3E-04			
335	5.9952E-07	1.9245E-07	2.50E-04	4.82E-11	14.00	1.15E-02	7.74E-12	1,000,000	7.74E-06	1.5E-04			
336	5.9952E-07	2.0292E-07	2.50E-04	5.08E-11	14.00	1.15E-02	8.16E-12	1,000,000	8.16E-06	1.6E-04			
337	5.9952E-07	2.1392E-07	2.50E-04	5.35E-11	14.00	1.15E-02	8.60E-12	1,000,000	8.60E-06	1.7E-04			
338	5.9952E-07	2.2553E-07	2.50E-04	5.64E-11	14.00	1.15E-02	9.06E-12	1,000,000	9.06E-06	1.8E-04			
339	5.9952E-07	2.3709E-07	2.50E-04	5.93E-11	14.00	1.15E-02	9.53E-12	1,000,000	9.53E-06	1.9E-04			
340	5.9952E-07	2.491E-07	2.50E-04	6.23E-11	14.00	1.15E-02	1.00E-11	1,000,000	1.00E-05	1.9E-04			
341	5.9952E-07	2.6085E-07	2.50E-04	6.53E-11	14.00	1.15E-02	1.05E-11	1,000,000	1.05E-05	2.0E-04			

Sywest Industrial Building - Alternative 3
Unmitigated - Operational - ED Risk - Haul 6

	Chronic Non Cancer Risk				
Receptor #	**REL**	**HI**		**Max**	**Receptor #**
1	5	9.80E-09		5.885E-08	334 Res
2	5	9.69E-09			
3	5	9.75E-09			
4	5	9.88E-09			
5	5	9.99E-09			
6	5	1.01E-08			
7	5	1.02E-08			
8	5	7.94E-09			
9	5	7.89E-09			
10	5	7.84E-09			
11	5	7.79E-09			
12	5	7.73E-09			
13	5	7.68E-09			
14	5	7.63E-09			
15	5	7.58E-09			
16	5	8.14E-09			
17	5	8.09E-09			
18	5	8.04E-09			
19	5	7.98E-09			
20	5	7.93E-09			
21	5	7.87E-09			
22	5	7.82E-09			
23	5	7.77E-09			
24	5	8.24E-09			
25	5	8.18E-09			
26	5	8.13E-09			
27	5	8.07E-09			
28	5	8.02E-09			
29	5	7.97E-09			
30	5	8.45E-09			
31	5	8.39E-09			
32	5	8.34E-09			
33	5	8.28E-09			

Sywest Industrial Building - Alternative 3
Unmitigated - Operational - ED Risk - Haul 6

	Chronic Non Cancer Risk				
Receptor #	**REL**	**HI**		**Max**	**Receptor #**
34	5	8.22E-09			
35	5	8.17E-09			
36	5	8.67E-09			
37	5	8.61E-09			
38	5	8.56E-09			
39	5	8.50E-09			
40	5	8.43E-09			
41	5	8.38E-09			
42	5	9.35E-09			
43	5	9.34E-09			
44	5	9.32E-09			
45	5	9.30E-09			
46	5	9.27E-09			
47	5	9.25E-09			
48	5	9.21E-09			
49	5	8.90E-09			
50	5	8.84E-09			
51	5	8.78E-09			
52	5	8.72E-09			
53	5	8.66E-09			
54	5	8.60E-09			
55	5	9.57E-09			
56	5	9.58E-09			
57	5	9.57E-09			
58	5	9.56E-09			
59	5	9.54E-09			
60	5	9.51E-09			
61	5	9.49E-09			
62	5	9.45E-09			
63	5	9.41E-09			
64	5	9.14E-09			
65	5	9.08E-09			
66	5	9.02E-09			

Sywest Industrial Building - Alternative 3
Unmitigated - Operational - ED Risk - Haul 6

	Chronic Non Cancer Risk				
Receptor #	**REL**	**HI**		**Max**	**Receptor #**
67	5	8.95E-09			
68	5	8.89E-09			
69	5	8.83E-09			
70	5	9.81E-09			
71	5	9.81E-09			
72	5	9.80E-09			
73	5	9.79E-09			
74	5	9.76E-09			
75	5	9.73E-09			
76	5	9.71E-09			
77	5	9.66E-09			
78	5	9.33E-09			
79	5	9.27E-09			
80	5	9.20E-09			
81	5	9.14E-09			
82	5	9.07E-09			
83	5	1.00E-08			
84	5	1.01E-08			
85	5	1.00E-08			
86	5	1.00E-08			
87	5	1.00E-08			
88	5	9.99E-09			
89	5	9.97E-09			
90	5	9.93E-09			
91	5	9.88E-09			
92	5	9.66E-09			
93	5	9.59E-09			
94	5	9.53E-09			
95	5	9.46E-09			
96	5	9.39E-09			
97	5	9.33E-09			
98	5	1.03E-08			
99	5	1.03E-08			

Sywest Industrial Building - Alternative 3
Unmitigated - Operational - ED Risk - Haul 6

	Chronic Non Cancer Risk				
Receptor #	**REL**	**HI**		**Max**	**Receptor #**
100	5	1.03E-08			
101	5	1.03E-08			
102	5	1.03E-08			
103	5	1.02E-08			
104	5	1.02E-08			
105	5	1.02E-08			
106	5	9.93E-09			
107	5	9.86E-09			
108	5	9.80E-09			
109	5	9.73E-09			
110	5	9.66E-09			
111	5	9.60E-09			
112	5	1.06E-08			
113	5	1.06E-08			
114	5	1.06E-08			
115	5	1.05E-08			
116	5	1.05E-08			
117	5	1.05E-08			
118	5	1.04E-08			
119	5	1.04E-08			
120	5	1.02E-08			
121	5	1.01E-08			
122	5	1.01E-08			
123	5	1.00E-08			
124	5	9.95E-09			
125	5	9.88E-09			
126	5	1.09E-08			
127	5	1.09E-08			
128	5	1.09E-08			
129	5	1.08E-08			
130	5	1.08E-08			
131	5	1.08E-08			
132	5	1.07E-08			

Sywest Industrial Building - Alternative 3
Unmitigated - Operational - ED Risk - Haul 6

	Chronic Non Cancer Risk				
Receptor #	**REL**	**HI**		**Max**	**Receptor #**
133	5	1.07E-08			
134	5	1.05E-08			
135	5	1.04E-08			
136	5	1.03E-08			
137	5	1.02E-08			
138	5	1.02E-08			
139	5	1.12E-08			
140	5	1.11E-08			
141	5	1.11E-08			
142	5	1.11E-08			
143	5	1.11E-08			
144	5	1.10E-08			
145	5	1.10E-08			
146	5	1.09E-08			
147	5	1.08E-08			
148	5	1.07E-08			
149	5	1.06E-08			
150	5	1.06E-08			
151	5	1.05E-08			
152	5	1.15E-08			
153	5	1.15E-08			
154	5	1.15E-08			
155	5	1.14E-08			
156	5	1.14E-08			
157	5	1.14E-08			
158	5	1.13E-08			
159	5	1.13E-08			
160	5	1.12E-08			
161	5	1.12E-08			
162	5	1.11E-08			
163	5	1.10E-08			
164	5	1.10E-08			
165	5	1.09E-08			

Sywest Industrial Building - Alternative 3
Unmitigated - Operational - ED Risk - Haul 6

	Chronic Non Cancer Risk				
Receptor #	**REL**	**HI**		**Max**	**Receptor #**
166	5	1.08E-08			
167	5	1.18E-08			
168	5	1.18E-08			
169	5	1.18E-08			
170	5	1.17E-08			
171	5	1.17E-08			
172	5	1.17E-08			
173	5	1.16E-08			
174	5	1.16E-08			
175	5	1.15E-08			
176	5	1.14E-08			
177	5	1.14E-08			
178	5	1.13E-08			
179	5	1.12E-08			
180	5	1.11E-08			
181	5	1.21E-08			
182	5	1.21E-08			
183	5	1.21E-08			
184	5	1.21E-08			
185	5	1.21E-08			
186	5	1.20E-08			
187	5	1.20E-08			
188	5	1.19E-08			
189	5	1.19E-08			
190	5	1.18E-08			
191	5	1.17E-08			
192	5	1.17E-08			
193	5	1.16E-08			
194	5	1.15E-08			
195	5	1.25E-08			
196	5	1.25E-08			
197	5	1.25E-08			
198	5	1.24E-08			

Sywest Industrial Building - Alternative 3
Unmitigated - Operational - ED Risk - Haul 6

	Chronic Non Cancer Risk				
Receptor #	**REL**	**HI**		**Max**	**Receptor #**
199	5	1.24E-08			
200	5	1.24E-08			
201	5	1.23E-08			
202	5	1.23E-08			
203	5	1.22E-08			
204	5	1.21E-08			
205	5	1.20E-08			
206	5	1.20E-08			
207	5	1.19E-08			
208	5	1.28E-08			
209	5	1.28E-08			
210	5	1.28E-08			
211	5	1.28E-08			
212	5	1.28E-08			
213	5	1.27E-08			
214	5	1.27E-08			
215	5	1.26E-08			
216	5	1.25E-08			
217	5	1.24E-08			
218	5	1.24E-08			
219	5	1.23E-08			
220	5	1.32E-08			
221	5	1.31E-08			
222	5	1.31E-08			
223	5	1.30E-08			
224	5	1.29E-08			
225	5	1.29E-08			
226	5	1.28E-08			
227	5	1.27E-08			
228	5	1.36E-08			
229	5	1.35E-08			
230	5	1.35E-08			
231	5	1.34E-08			

Sywest Industrial Building - Alternative 3
Unmitigated - Operational - ED Risk - Haul 6

	Chronic Non Cancer Risk				
Receptor #	**REL**	**HI**		**Max**	**Receptor #**
232	5	1.33E-08			
233	5	1.32E-08			
234	5	1.31E-08			
235	5	1.28E-08			
236	5	1.32E-08			
237	5	1.32E-08			
238	5	1.32E-08			
239	5	1.37E-08			
240	5	1.36E-08			
241	5	1.36E-08			
242	5	1.36E-08			

Sywest Industrial Building - Alternative 3
Unmitigated - Operational - ED Risk - Haul 6

	Chronic Non Cancer Risk				
Receptor #	**REL**	**HI**		**Max**	**Receptor #**
243	5	3.18E-08			
244	5	3.27E-08			
245	5	3.35E-08			
246	5	3.42E-08			
247	5	3.48E-08			
248	5	3.54E-08			
249	5	3.59E-08			
250	5	3.63E-08			
251	5	3.66E-08			
252	5	3.12E-08			
253	5	3.22E-08			
254	5	3.31E-08			
255	5	3.41E-08			
256	5	3.50E-08			
257	5	3.59E-08			
258	5	3.66E-08			
259	5	3.74E-08			
260	5	3.80E-08			
261	5	3.85E-08			
262	5	3.89E-08			
263	5	3.22E-08			
264	5	3.34E-08			
265	5	3.45E-08			
266	5	3.56E-08			
267	5	3.66E-08			
268	5	3.77E-08			
269	5	3.86E-08			
270	5	3.94E-08			
271	5	4.02E-08			
272	5	4.08E-08			
273	5	4.13E-08			
274	5	4.18E-08			
275	5	3.33E-08			

Sywest Industrial Building - Alternative 3
Unmitigated - Operational - ED Risk - Haul 6

	Chronic Non Cancer Risk				
Receptor #	**REL**	**HI**		**Max**	**Receptor #**
276	5	3.45E-08			
277	5	3.58E-08			
278	5	3.71E-08			
279	5	3.83E-08			
280	5	3.95E-08			
281	5	4.06E-08			
282	5	4.17E-08			
283	5	4.26E-08			
284	5	4.34E-08			
285	5	4.41E-08			
286	5	4.46E-08			
287	5	3.43E-08			
288	5	3.58E-08			
289	5	3.72E-08			
290	5	3.87E-08			
291	5	4.01E-08			
292	5	4.14E-08			
293	5	4.28E-08			
294	5	4.40E-08			
295	5	4.51E-08			
296	5	4.61E-08			
297	5	4.70E-08			
298	5	4.77E-08			
299	5	3.54E-08			
300	5	3.70E-08			
301	5	3.86E-08			
302	5	4.02E-08			
303	5	4.18E-08			
304	5	4.35E-08			
305	5	4.50E-08			
306	5	4.64E-08			
307	5	4.78E-08			
308	5	4.90E-08			

Sywest Industrial Building - Alternative 3
Unmitigated - Operational - ED Risk - Haul 6

	Chronic Non Cancer Risk				
Receptor #	**REL**	**HI**		**Max**	**Receptor #**
309	5	5.02E-08			
310	5	5.11E-08			
311	5	3.64E-08			
312	5	3.82E-08			
313	5	4.00E-08			
314	5	4.18E-08			
315	5	4.37E-08			
316	5	4.55E-08			
317	5	4.73E-08			
318	5	4.91E-08			
319	5	5.07E-08			
320	5	5.22E-08			
321	5	5.36E-08			
322	5	5.48E-08			
323	5	3.75E-08			
324	5	3.94E-08			
325	5	4.14E-08			
326	5	4.35E-08			
327	5	4.55E-08			
328	5	4.76E-08			
329	5	4.97E-08			
330	5	5.18E-08			
331	5	5.37E-08			
332	5	5.56E-08			
333	5	5.73E-08			
334	5	5.89E-08			
335	5	3.85E-08			
336	5	4.06E-08			
337	5	4.28E-08			
338	5	4.51E-08			
339	5	4.74E-08			
340	5	4.98E-08			
341	5	5.22E-08			

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Idle

		Cancer Risk from 3rd Trimester								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
1	2.27	**3.2902E-06**	7.4823E-06	3.46E-04	2.59E-09	0.25	1.57E-01	1.02E-10	1,000,000	1.02E-04
2	1.18	3.2902E-06	3.8932E-06	3.46E-04	1.35E-09	0.25	1.57E-01	5.29E-11	1,000,000	5.29E-05
3	1.27	3.2902E-06	4.174E-06	3.46E-04	1.44E-09	0.25	1.57E-01	5.68E-11	1,000,000	5.68E-05
4	1.40	3.2902E-06	4.6146E-06	3.46E-04	1.60E-09	0.25	1.57E-01	6.28E-11	1,000,000	6.28E-05
5	1.58	3.2902E-06	5.198E-06	3.46E-04	1.80E-09	0.25	1.57E-01	7.07E-11	1,000,000	7.07E-05
6	1.70	3.2902E-06	5.6048E-06	3.46E-04	1.94E-09	0.25	1.57E-01	7.62E-11	1,000,000	7.62E-05
7	1.95	3.2902E-06	6.4098E-06	3.46E-04	2.22E-09	0.25	1.57E-01	8.72E-11	1,000,000	8.72E-05
8	0.42	3.2902E-06	1.3728E-06	3.46E-04	4.75E-10	0.25	1.57E-01	1.87E-11	1,000,000	1.87E-05
9	0.40	3.2902E-06	1.3047E-06	3.46E-04	4.52E-10	0.25	1.57E-01	1.77E-11	1,000,000	1.77E-05
10	0.38	3.2902E-06	1.2409E-06	3.46E-04	4.30E-10	0.25	1.57E-01	1.69E-11	1,000,000	1.69E-05
11	0.36	3.2902E-06	1.1788E-06	3.46E-04	4.08E-10	0.25	1.57E-01	1.60E-11	1,000,000	1.60E-05
12	0.34	3.2902E-06	1.1181E-06	3.46E-04	3.87E-10	0.25	1.57E-01	1.52E-11	1,000,000	1.52E-05
13	0.32	3.2902E-06	1.0606E-06	3.46E-04	3.67E-10	0.25	1.57E-01	1.44E-11	1,000,000	1.44E-05
14	0.31	3.2902E-06	1.0065E-06	3.46E-04	3.48E-10	0.25	1.57E-01	1.37E-11	1,000,000	1.37E-05
15	0.29	3.2902E-06	9.5654E-07	3.46E-04	3.31E-10	0.25	1.57E-01	1.30E-11	1,000,000	1.30E-05
16	0.44	3.2902E-06	1.4547E-06	3.46E-04	5.04E-10	0.25	1.57E-01	1.98E-11	1,000,000	1.98E-05
17	0.42	3.2902E-06	1.3764E-06	3.46E-04	4.76E-10	0.25	1.57E-01	1.87E-11	1,000,000	1.87E-05
18	0.40	3.2902E-06	1.3037E-06	3.46E-04	4.51E-10	0.25	1.57E-01	1.77E-11	1,000,000	1.77E-05
19	0.38	3.2902E-06	1.234E-06	3.46E-04	4.27E-10	0.25	1.57E-01	1.68E-11	1,000,000	1.68E-05
20	0.35	3.2902E-06	1.1671E-06	3.46E-04	4.04E-10	0.25	1.57E-01	1.59E-11	1,000,000	1.59E-05
21	0.34	3.2902E-06	1.1056E-06	3.46E-04	3.83E-10	0.25	1.57E-01	1.50E-11	1,000,000	1.50E-05
22	0.32	3.2902E-06	1.0485E-06	3.46E-04	3.63E-10	0.25	1.57E-01	1.43E-11	1,000,000	1.43E-05
23	0.30	3.2902E-06	9.9523E-07	3.46E-04	3.45E-10	0.25	1.57E-01	1.35E-11	1,000,000	1.35E-05
24	0.42	3.2902E-06	1.3693E-06	3.46E-04	4.74E-10	0.25	1.57E-01	1.86E-11	1,000,000	1.86E-05
25	0.39	3.2902E-06	1.2925E-06	3.46E-04	4.47E-10	0.25	1.57E-01	1.76E-11	1,000,000	1.76E-05
26	0.37	3.2902E-06	1.2195E-06	3.46E-04	4.22E-10	0.25	1.57E-01	1.66E-11	1,000,000	1.66E-05
27	0.35	3.2902E-06	1.1541E-06	3.46E-04	4.00E-10	0.25	1.57E-01	1.57E-11	1,000,000	1.57E-05
28	0.33	3.2902E-06	1.0945E-06	3.46E-04	3.79E-10	0.25	1.57E-01	1.49E-11	1,000,000	1.49E-05
29	0.32	3.2902E-06	1.0387E-06	3.46E-04	3.60E-10	0.25	1.57E-01	1.41E-11	1,000,000	1.41E-05
30	0.44	3.2902E-06	1.4392E-06	3.46E-04	4.98E-10	0.25	1.57E-01	1.96E-11	1,000,000	1.96E-05
31	0.41	3.2902E-06	1.3566E-06	3.46E-04	4.70E-10	0.25	1.57E-01	1.84E-11	1,000,000	1.84E-05
32	0.39	3.2902E-06	1.2784E-06	3.46E-04	4.43E-10	0.25	1.57E-01	1.74E-11	1,000,000	1.74E-05
33	0.37	3.2902E-06	1.2097E-06	3.46E-04	4.19E-10	0.25	1.57E-01	1.65E-11	1,000,000	1.65E-05

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Idle

		Cancer Risk from 3rd Trimester								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
34	0.35	3.2902E-06	1.1478E-06	3.46E-04	3.97E-10	0.25	1.57E-01	1.56E-11	1,000,000	1.56E-05
35	0.33	3.2902E-06	1.0901E-06	3.46E-04	3.77E-10	0.25	1.57E-01	1.48E-11	1,000,000	1.48E-05
36	0.46	3.2902E-06	1.5179E-06	3.46E-04	5.25E-10	0.25	1.57E-01	2.06E-11	1,000,000	2.06E-05
37	0.43	3.2902E-06	1.4295E-06	3.46E-04	4.95E-10	0.25	1.57E-01	1.94E-11	1,000,000	1.94E-05
38	0.41	3.2902E-06	1.3472E-06	3.46E-04	4.66E-10	0.25	1.57E-01	1.83E-11	1,000,000	1.83E-05
39	0.39	3.2902E-06	1.2753E-06	3.46E-04	4.41E-10	0.25	1.57E-01	1.73E-11	1,000,000	1.73E-05
40	0.37	3.2902E-06	1.2115E-06	3.46E-04	4.19E-10	0.25	1.57E-01	1.65E-11	1,000,000	1.65E-05
41	0.35	3.2902E-06	1.1515E-06	3.46E-04	3.99E-10	0.25	1.57E-01	1.57E-11	1,000,000	1.57E-05
42	1.03	3.2902E-06	3.3845E-06	3.46E-04	1.17E-09	0.25	1.57E-01	4.60E-11	1,000,000	4.60E-05
43	0.99	3.2902E-06	3.2649E-06	3.46E-04	1.13E-09	0.25	1.57E-01	4.44E-11	1,000,000	4.44E-05
44	0.95	3.2902E-06	3.1262E-06	3.46E-04	1.08E-09	0.25	1.57E-01	4.25E-11	1,000,000	4.25E-05
45	0.90	3.2902E-06	2.9688E-06	3.46E-04	1.03E-09	0.25	1.57E-01	4.04E-11	1,000,000	4.04E-05
46	0.85	3.2902E-06	2.7949E-06	3.46E-04	9.67E-10	0.25	1.57E-01	3.80E-11	1,000,000	3.80E-05
47	0.79	3.2902E-06	2.6124E-06	3.46E-04	9.04E-10	0.25	1.57E-01	3.55E-11	1,000,000	3.55E-05
48	0.74	3.2902E-06	2.437E-06	3.46E-04	8.44E-10	0.25	1.57E-01	3.31E-11	1,000,000	3.31E-05
49	0.49	3.2902E-06	1.6083E-06	3.46E-04	5.57E-10	0.25	1.57E-01	2.19E-11	1,000,000	2.19E-05
50	0.46	3.2902E-06	1.5156E-06	3.46E-04	5.25E-10	0.25	1.57E-01	2.06E-11	1,000,000	2.06E-05
51	0.43	3.2902E-06	1.4296E-06	3.46E-04	4.95E-10	0.25	1.57E-01	1.94E-11	1,000,000	1.94E-05
52	0.41	3.2902E-06	1.3551E-06	3.46E-04	4.69E-10	0.25	1.57E-01	1.84E-11	1,000,000	1.84E-05
53	0.39	3.2902E-06	1.2884E-06	3.46E-04	4.46E-10	0.25	1.57E-01	1.75E-11	1,000,000	1.75E-05
54	0.37	3.2902E-06	1.2254E-06	3.46E-04	4.24E-10	0.25	1.57E-01	1.67E-11	1,000,000	1.67E-05
55	1.25	3.2902E-06	4.1033E-06	3.46E-04	1.42E-09	0.25	1.57E-01	5.58E-11	1,000,000	5.58E-05
56	1.19	3.2902E-06	3.9187E-06	3.46E-04	1.36E-09	0.25	1.57E-01	5.33E-11	1,000,000	5.33E-05
57	1.14	3.2902E-06	3.7407E-06	3.46E-04	1.29E-09	0.25	1.57E-01	5.09E-11	1,000,000	5.09E-05
58	1.07	3.2902E-06	3.5303E-06	3.46E-04	1.22E-09	0.25	1.57E-01	4.80E-11	1,000,000	4.80E-05
59	1.01	3.2902E-06	3.313E-06	3.46E-04	1.15E-09	0.25	1.57E-01	4.51E-11	1,000,000	4.51E-05
60	0.94	3.2902E-06	3.0869E-06	3.46E-04	1.07E-09	0.25	1.57E-01	4.20E-11	1,000,000	4.20E-05
61	0.87	3.2902E-06	2.8545E-06	3.46E-04	9.88E-10	0.25	1.57E-01	3.88E-11	1,000,000	3.88E-05
62	0.80	3.2902E-06	2.6384E-06	3.46E-04	9.13E-10	0.25	1.57E-01	3.59E-11	1,000,000	3.59E-05
63	0.74	3.2902E-06	2.4425E-06	3.46E-04	8.46E-10	0.25	1.57E-01	3.32E-11	1,000,000	3.32E-05
64	0.52	3.2902E-06	1.7168E-06	3.46E-04	5.94E-10	0.25	1.57E-01	2.33E-11	1,000,000	2.33E-05
65	0.49	3.2902E-06	1.6208E-06	3.46E-04	5.61E-10	0.25	1.57E-01	2.20E-11	1,000,000	2.20E-05
66	0.47	3.2902E-06	1.5322E-06	3.46E-04	5.30E-10	0.25	1.57E-01	2.08E-11	1,000,000	2.08E-05

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Idle

		Cancer Risk from 3rd Trimester								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
67	0.44	3.2902E-06	1.4527E-06	3.46E-04	5.03E-10	0.25	1.57E-01	1.98E-11	1,000,000	1.98E-05
68	0.42	3.2902E-06	1.3837E-06	3.46E-04	4.79E-10	0.25	1.57E-01	1.88E-11	1,000,000	1.88E-05
69	0.40	3.2902E-06	1.3176E-06	3.46E-04	4.56E-10	0.25	1.57E-01	1.79E-11	1,000,000	1.79E-05
70	1.39	3.2902E-06	4.5627E-06	3.46E-04	1.58E-09	0.25	1.57E-01	6.21E-11	1,000,000	6.21E-05
71	1.31	3.2902E-06	4.3008E-06	3.46E-04	1.49E-09	0.25	1.57E-01	5.85E-11	1,000,000	5.85E-05
72	1.22	3.2902E-06	4.0051E-06	3.46E-04	1.39E-09	0.25	1.57E-01	5.45E-11	1,000,000	5.45E-05
73	1.12	3.2902E-06	3.6962E-06	3.46E-04	1.28E-09	0.25	1.57E-01	5.03E-11	1,000,000	5.03E-05
74	1.03	3.2902E-06	3.4035E-06	3.46E-04	1.18E-09	0.25	1.57E-01	4.63E-11	1,000,000	4.63E-05
75	0.95	3.2902E-06	3.1234E-06	3.46E-04	1.08E-09	0.25	1.57E-01	4.25E-11	1,000,000	4.25E-05
76	0.87	3.2902E-06	2.8586E-06	3.46E-04	9.90E-10	0.25	1.57E-01	3.89E-11	1,000,000	3.89E-05
77	0.80	3.2902E-06	2.6343E-06	3.46E-04	9.12E-10	0.25	1.57E-01	3.58E-11	1,000,000	3.58E-05
78	0.53	3.2902E-06	1.7499E-06	3.46E-04	6.06E-10	0.25	1.57E-01	2.38E-11	1,000,000	2.38E-05
79	0.50	3.2902E-06	1.655E-06	3.46E-04	5.73E-10	0.25	1.57E-01	2.25E-11	1,000,000	2.25E-05
80	0.48	3.2902E-06	1.5721E-06	3.46E-04	5.44E-10	0.25	1.57E-01	2.14E-11	1,000,000	2.14E-05
81	0.46	3.2902E-06	1.4982E-06	3.46E-04	5.19E-10	0.25	1.57E-01	2.04E-11	1,000,000	2.04E-05
82	0.43	3.2902E-06	1.4276E-06	3.46E-04	4.94E-10	0.25	1.57E-01	1.94E-11	1,000,000	1.94E-05
83	1.64	3.2902E-06	5.3867E-06	3.46E-04	1.86E-09	0.25	1.57E-01	7.33E-11	1,000,000	7.33E-05
84	1.51	3.2902E-06	4.9537E-06	3.46E-04	1.71E-09	0.25	1.57E-01	6.74E-11	1,000,000	6.74E-05
85	1.38	3.2902E-06	4.5441E-06	3.46E-04	1.57E-09	0.25	1.57E-01	6.18E-11	1,000,000	6.18E-05
86	1.26	3.2902E-06	4.1297E-06	3.46E-04	1.43E-09	0.25	1.57E-01	5.62E-11	1,000,000	5.62E-05
87	1.14	3.2902E-06	3.7534E-06	3.46E-04	1.30E-09	0.25	1.57E-01	5.10E-11	1,000,000	5.10E-05
88	1.04	3.2902E-06	3.4195E-06	3.46E-04	1.18E-09	0.25	1.57E-01	4.65E-11	1,000,000	4.65E-05
89	0.95	3.2902E-06	3.1169E-06	3.46E-04	1.08E-09	0.25	1.57E-01	4.24E-11	1,000,000	4.24E-05
90	0.87	3.2902E-06	2.8609E-06	3.46E-04	9.90E-10	0.25	1.57E-01	3.89E-11	1,000,000	3.89E-05
91	0.80	3.2902E-06	2.6467E-06	3.46E-04	9.16E-10	0.25	1.57E-01	3.60E-11	1,000,000	3.60E-05
92	0.61	3.2902E-06	2.0229E-06	3.46E-04	7.00E-10	0.25	1.57E-01	2.75E-11	1,000,000	2.75E-05
93	0.58	3.2902E-06	1.9134E-06	3.46E-04	6.62E-10	0.25	1.57E-01	2.60E-11	1,000,000	2.60E-05
94	0.55	3.2902E-06	1.8108E-06	3.46E-04	6.27E-10	0.25	1.57E-01	2.46E-11	1,000,000	2.46E-05
95	0.52	3.2902E-06	1.7214E-06	3.46E-04	5.96E-10	0.25	1.57E-01	2.34E-11	1,000,000	2.34E-05
96	0.50	3.2902E-06	1.6402E-06	3.46E-04	5.68E-10	0.25	1.57E-01	2.23E-11	1,000,000	2.23E-05
97	0.47	3.2902E-06	1.5626E-06	3.46E-04	5.41E-10	0.25	1.57E-01	2.13E-11	1,000,000	2.13E-05
98	1.73	3.2902E-06	5.7077E-06	3.46E-04	1.98E-09	0.25	1.57E-01	7.76E-11	1,000,000	7.76E-05
99	1.57	3.2902E-06	5.1555E-06	3.46E-04	1.78E-09	0.25	1.57E-01	7.01E-11	1,000,000	7.01E-05

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Idle

		Cancer Risk from 3rd Trimester								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
100	1.41	3.2902E-06	4.6337E-06	3.46E-04	1.60E-09	0.25	1.57E-01	6.30E-11	1,000,000	6.30E-05
101	1.26	3.2902E-06	4.1554E-06	3.46E-04	1.44E-09	0.25	1.57E-01	5.65E-11	1,000,000	5.65E-05
102	1.15	3.2902E-06	3.7706E-06	3.46E-04	1.31E-09	0.25	1.57E-01	5.13E-11	1,000,000	5.13E-05
103	1.04	3.2902E-06	3.4379E-06	3.46E-04	1.19E-09	0.25	1.57E-01	4.68E-11	1,000,000	4.68E-05
104	0.96	3.2902E-06	3.149E-06	3.46E-04	1.09E-09	0.25	1.57E-01	4.28E-11	1,000,000	4.28E-05
105	0.89	3.2902E-06	2.9211E-06	3.46E-04	1.01E-09	0.25	1.57E-01	3.97E-11	1,000,000	3.97E-05
106	0.68	3.2902E-06	2.2476E-06	3.46E-04	7.78E-10	0.25	1.57E-01	3.06E-11	1,000,000	3.06E-05
107	0.65	3.2902E-06	2.1241E-06	3.46E-04	7.35E-10	0.25	1.57E-01	2.89E-11	1,000,000	2.89E-05
108	0.61	3.2902E-06	2.0098E-06	3.46E-04	6.96E-10	0.25	1.57E-01	2.73E-11	1,000,000	2.73E-05
109	0.58	3.2902E-06	1.9065E-06	3.46E-04	6.60E-10	0.25	1.57E-01	2.59E-11	1,000,000	2.59E-05
110	0.55	3.2902E-06	1.8141E-06	3.46E-04	6.28E-10	0.25	1.57E-01	2.47E-11	1,000,000	2.47E-05
111	0.52	3.2902E-06	1.7244E-06	3.46E-04	5.97E-10	0.25	1.57E-01	2.35E-11	1,000,000	2.35E-05
112	1.78	3.2902E-06	5.8605E-06	3.46E-04	2.03E-09	0.25	1.57E-01	7.97E-11	1,000,000	7.97E-05
113	1.59	3.2902E-06	5.2237E-06	3.46E-04	1.81E-09	0.25	1.57E-01	7.10E-11	1,000,000	7.10E-05
114	1.42	3.2902E-06	4.6669E-06	3.46E-04	1.62E-09	0.25	1.57E-01	6.35E-11	1,000,000	6.35E-05
115	1.28	3.2902E-06	4.2197E-06	3.46E-04	1.46E-09	0.25	1.57E-01	5.74E-11	1,000,000	5.74E-05
116	1.17	3.2902E-06	3.86E-06	3.46E-04	1.34E-09	0.25	1.57E-01	5.25E-11	1,000,000	5.25E-05
117	1.08	3.2902E-06	3.543E-06	3.46E-04	1.23E-09	0.25	1.57E-01	4.82E-11	1,000,000	4.82E-05
118	1.00	3.2902E-06	3.2835E-06	3.46E-04	1.14E-09	0.25	1.57E-01	4.47E-11	1,000,000	4.47E-05
119	0.93	3.2902E-06	3.0685E-06	3.46E-04	1.06E-09	0.25	1.57E-01	4.17E-11	1,000,000	4.17E-05
120	0.77	3.2902E-06	2.5429E-06	3.46E-04	8.80E-10	0.25	1.57E-01	3.46E-11	1,000,000	3.46E-05
121	0.73	3.2902E-06	2.3902E-06	3.46E-04	8.27E-10	0.25	1.57E-01	3.25E-11	1,000,000	3.25E-05
122	0.69	3.2902E-06	2.2597E-06	3.46E-04	7.82E-10	0.25	1.57E-01	3.07E-11	1,000,000	3.07E-05
123	0.65	3.2902E-06	2.1367E-06	3.46E-04	7.40E-10	0.25	1.57E-01	2.91E-11	1,000,000	2.91E-05
124	0.62	3.2902E-06	2.0249E-06	3.46E-04	7.01E-10	0.25	1.57E-01	2.75E-11	1,000,000	2.75E-05
125	0.58	3.2902E-06	1.9199E-06	3.46E-04	6.65E-10	0.25	1.57E-01	2.61E-11	1,000,000	2.61E-05
126	2.05	3.2902E-06	6.7312E-06	3.46E-04	2.33E-09	0.25	1.57E-01	9.15E-11	1,000,000	9.15E-05
127	1.82	3.2902E-06	5.9811E-06	3.46E-04	2.07E-09	0.25	1.57E-01	8.13E-11	1,000,000	8.13E-05
128	1.63	3.2902E-06	5.3699E-06	3.46E-04	1.86E-09	0.25	1.57E-01	7.30E-11	1,000,000	7.30E-05
129	1.47	3.2902E-06	4.8431E-06	3.46E-04	1.68E-09	0.25	1.57E-01	6.59E-11	1,000,000	6.59E-05
130	1.35	3.2902E-06	4.4407E-06	3.46E-04	1.54E-09	0.25	1.57E-01	6.04E-11	1,000,000	6.04E-05
131	1.24	3.2902E-06	4.0915E-06	3.46E-04	1.42E-09	0.25	1.57E-01	5.56E-11	1,000,000	5.56E-05
132	1.15	3.2902E-06	3.7777E-06	3.46E-04	1.31E-09	0.25	1.57E-01	5.14E-11	1,000,000	5.14E-05

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Idle

		Cancer Risk from 3rd Trimester								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
133	1.07	3.2902E-06	3.5291E-06	3.46E-04	1.22E-09	0.25	1.57E-01	4.80E-11	1,000,000	4.80E-05
134	0.82	3.2902E-06	2.7077E-06	3.46E-04	9.37E-10	0.25	1.57E-01	3.68E-11	1,000,000	3.68E-05
135	0.78	3.2902E-06	2.5557E-06	3.46E-04	8.85E-10	0.25	1.57E-01	3.48E-11	1,000,000	3.48E-05
136	0.73	3.2902E-06	2.4125E-06	3.46E-04	8.35E-10	0.25	1.57E-01	3.28E-11	1,000,000	3.28E-05
137	0.69	3.2902E-06	2.2756E-06	3.46E-04	7.88E-10	0.25	1.57E-01	3.09E-11	1,000,000	3.09E-05
138	0.65	3.2902E-06	2.1475E-06	3.46E-04	7.43E-10	0.25	1.57E-01	2.92E-11	1,000,000	2.92E-05
139	2.15	3.2902E-06	7.0736E-06	3.46E-04	2.45E-09	0.25	1.57E-01	9.62E-11	1,000,000	9.62E-05
140	1.94	3.2902E-06	6.3786E-06	3.46E-04	2.21E-09	0.25	1.57E-01	8.67E-11	1,000,000	8.67E-05
141	1.75	3.2902E-06	5.7631E-06	3.46E-04	1.99E-09	0.25	1.57E-01	7.84E-11	1,000,000	7.84E-05
142	1.60	3.2902E-06	5.2547E-06	3.46E-04	1.82E-09	0.25	1.57E-01	7.15E-11	1,000,000	7.15E-05
143	1.47	3.2902E-06	4.8421E-06	3.46E-04	1.68E-09	0.25	1.57E-01	6.58E-11	1,000,000	6.58E-05
144	1.35	3.2902E-06	4.4574E-06	3.46E-04	1.54E-09	0.25	1.57E-01	6.06E-11	1,000,000	6.06E-05
145	1.25	3.2902E-06	4.1244E-06	3.46E-04	1.43E-09	0.25	1.57E-01	5.61E-11	1,000,000	5.61E-05
146	1.17	3.2902E-06	3.8418E-06	3.46E-04	1.33E-09	0.25	1.57E-01	5.22E-11	1,000,000	5.22E-05
147	0.94	3.2902E-06	3.1037E-06	3.46E-04	1.07E-09	0.25	1.57E-01	4.22E-11	1,000,000	4.22E-05
148	0.88	3.2902E-06	2.9096E-06	3.46E-04	1.01E-09	0.25	1.57E-01	3.96E-11	1,000,000	3.96E-05
149	0.83	3.2902E-06	2.7298E-06	3.46E-04	9.45E-10	0.25	1.57E-01	3.71E-11	1,000,000	3.71E-05
150	0.78	3.2902E-06	2.5641E-06	3.46E-04	8.88E-10	0.25	1.57E-01	3.49E-11	1,000,000	3.49E-05
151	0.73	3.2902E-06	2.4089E-06	3.46E-04	8.34E-10	0.25	1.57E-01	3.28E-11	1,000,000	3.28E-05
152	2.66	3.2902E-06	8.7564E-06	3.46E-04	3.03E-09	0.25	1.57E-01	1.19E-10	1,000,000	1.19E-04
153	2.38	3.2902E-06	7.843E-06	3.46E-04	2.71E-09	0.25	1.57E-01	1.07E-10	1,000,000	1.07E-04
154	2.15	3.2902E-06	7.0655E-06	3.46E-04	2.45E-09	0.25	1.57E-01	9.61E-11	1,000,000	9.61E-05
155	1.94	3.2902E-06	6.3771E-06	3.46E-04	2.21E-09	0.25	1.57E-01	8.67E-11	1,000,000	8.67E-05
156	1.77	3.2902E-06	5.8185E-06	3.46E-04	2.01E-09	0.25	1.57E-01	7.91E-11	1,000,000	7.91E-05
157	1.62	3.2902E-06	5.3264E-06	3.46E-04	1.84E-09	0.25	1.57E-01	7.24E-11	1,000,000	7.24E-05
158	1.48	3.2902E-06	4.8831E-06	3.46E-04	1.69E-09	0.25	1.57E-01	6.64E-11	1,000,000	6.64E-05
159	1.37	3.2902E-06	4.493E-06	3.46E-04	1.56E-09	0.25	1.57E-01	6.11E-11	1,000,000	6.11E-05
160	1.26	3.2902E-06	4.1393E-06	3.46E-04	1.43E-09	0.25	1.57E-01	5.63E-11	1,000,000	5.63E-05
161	1.16	3.2902E-06	3.832E-06	3.46E-04	1.33E-09	0.25	1.57E-01	5.21E-11	1,000,000	5.21E-05
162	1.08	3.2902E-06	3.5523E-06	3.46E-04	1.23E-09	0.25	1.57E-01	4.83E-11	1,000,000	4.83E-05
163	1.00	3.2902E-06	3.3031E-06	3.46E-04	1.14E-09	0.25	1.57E-01	4.49E-11	1,000,000	4.49E-05
164	0.94	3.2902E-06	3.0808E-06	3.46E-04	1.07E-09	0.25	1.57E-01	4.19E-11	1,000,000	4.19E-05
165	0.88	3.2902E-06	2.8841E-06	3.46E-04	9.98E-10	0.25	1.57E-01	3.92E-11	1,000,000	3.92E-05

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Idle

		Cancer Risk from 3rd Trimester								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
166	0.82	3.2902E-06	2.699E-06	3.46E-04	9.34E-10	0.25	1.57E-01	3.67E-11	1,000,000	3.67E-05
167	3.00	3.2902E-06	9.8806E-06	3.46E-04	3.42E-09	0.25	1.57E-01	1.34E-10	1,000,000	1.34E-04
168	2.67	3.2902E-06	8.7893E-06	3.46E-04	3.04E-09	0.25	1.57E-01	1.20E-10	1,000,000	1.20E-04
169	2.38	3.2902E-06	7.8355E-06	3.46E-04	2.71E-09	0.25	1.57E-01	1.07E-10	1,000,000	1.07E-04
170	2.13	3.2902E-06	7.0229E-06	3.46E-04	2.43E-09	0.25	1.57E-01	9.55E-11	1,000,000	9.55E-05
171	1.93	3.2902E-06	6.3481E-06	3.46E-04	2.20E-09	0.25	1.57E-01	8.63E-11	1,000,000	8.63E-05
172	1.75	3.2902E-06	5.7534E-06	3.46E-04	1.99E-09	0.25	1.57E-01	7.82E-11	1,000,000	7.82E-05
173	1.59	3.2902E-06	5.2287E-06	3.46E-04	1.81E-09	0.25	1.57E-01	7.11E-11	1,000,000	7.11E-05
174	1.45	3.2902E-06	4.7705E-06	3.46E-04	1.65E-09	0.25	1.57E-01	6.49E-11	1,000,000	6.49E-05
175	1.33	3.2902E-06	4.383E-06	3.46E-04	1.52E-09	0.25	1.57E-01	5.96E-11	1,000,000	5.96E-05
176	1.23	3.2902E-06	4.0369E-06	3.46E-04	1.40E-09	0.25	1.57E-01	5.49E-11	1,000,000	5.49E-05
177	1.13	3.2902E-06	3.7314E-06	3.46E-04	1.29E-09	0.25	1.57E-01	5.07E-11	1,000,000	5.07E-05
178	1.05	3.2902E-06	3.4623E-06	3.46E-04	1.20E-09	0.25	1.57E-01	4.71E-11	1,000,000	4.71E-05
179	0.98	3.2902E-06	3.2229E-06	3.46E-04	1.12E-09	0.25	1.57E-01	4.38E-11	1,000,000	4.38E-05
180	0.91	3.2902E-06	3.0011E-06	3.46E-04	1.04E-09	0.25	1.57E-01	4.08E-11	1,000,000	4.08E-05
181	3.81	3.2902E-06	1.253E-05	3.46E-04	4.34E-09	0.25	1.57E-01	1.70E-10	1,000,000	1.70E-04
182	3.29	3.2902E-06	1.0841E-05	3.46E-04	3.75E-09	0.25	1.57E-01	1.47E-10	1,000,000	1.47E-04
183	2.89	3.2902E-06	9.5162E-06	3.46E-04	3.29E-09	0.25	1.57E-01	1.29E-10	1,000,000	1.29E-04
184	2.55	3.2902E-06	8.4004E-06	3.46E-04	2.91E-09	0.25	1.57E-01	1.14E-10	1,000,000	1.14E-04
185	2.27	3.2902E-06	7.4764E-06	3.46E-04	2.59E-09	0.25	1.57E-01	1.02E-10	1,000,000	1.02E-04
186	2.04	3.2902E-06	6.6994E-06	3.46E-04	2.32E-09	0.25	1.57E-01	9.11E-11	1,000,000	9.11E-05
187	1.83	3.2902E-06	6.0325E-06	3.46E-04	2.09E-09	0.25	1.57E-01	8.20E-11	1,000,000	8.20E-05
188	1.66	3.2902E-06	5.4632E-06	3.46E-04	1.89E-09	0.25	1.57E-01	7.43E-11	1,000,000	7.43E-05
189	1.51	3.2902E-06	4.975E-06	3.46E-04	1.72E-09	0.25	1.57E-01	6.77E-11	1,000,000	6.77E-05
190	1.38	3.2902E-06	4.5503E-06	3.46E-04	1.58E-09	0.25	1.57E-01	6.19E-11	1,000,000	6.19E-05
191	1.27	3.2902E-06	4.1783E-06	3.46E-04	1.45E-09	0.25	1.57E-01	5.68E-11	1,000,000	5.68E-05
192	1.17	3.2902E-06	3.851E-06	3.46E-04	1.33E-09	0.25	1.57E-01	5.24E-11	1,000,000	5.24E-05
193	1.08	3.2902E-06	3.5625E-06	3.46E-04	1.23E-09	0.25	1.57E-01	4.84E-11	1,000,000	4.84E-05
194	1.00	3.2902E-06	3.3006E-06	3.46E-04	1.14E-09	0.25	1.57E-01	4.49E-11	1,000,000	4.49E-05
195	3.94	3.2902E-06	1.2958E-05	3.46E-04	4.49E-09	0.25	1.57E-01	1.76E-10	1,000,000	1.76E-04
196	3.40	3.2902E-06	1.1201E-05	3.46E-04	3.88E-09	0.25	1.57E-01	1.52E-10	1,000,000	1.52E-04
197	2.97	3.2902E-06	9.7721E-06	3.46E-04	3.38E-09	0.25	1.57E-01	1.33E-10	1,000,000	1.33E-04
198	2.61	3.2902E-06	8.5891E-06	3.46E-04	2.97E-09	0.25	1.57E-01	1.17E-10	1,000,000	1.17E-04

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Idle

		Cancer Risk from 3rd Trimester								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
199	2.32	3.2902E-06	7.6188E-06	3.46E-04	2.64E-09	0.25	1.57E-01	1.04E-10	1,000,000	1.04E-04
200	2.07	3.2902E-06	6.8066E-06	3.46E-04	2.36E-09	0.25	1.57E-01	9.26E-11	1,000,000	9.26E-05
201	1.86	3.2902E-06	6.1209E-06	3.46E-04	2.12E-09	0.25	1.57E-01	8.32E-11	1,000,000	8.32E-05
202	1.68	3.2902E-06	5.5356E-06	3.46E-04	1.92E-09	0.25	1.57E-01	7.53E-11	1,000,000	7.53E-05
203	1.53	3.2902E-06	5.0324E-06	3.46E-04	1.74E-09	0.25	1.57E-01	6.84E-11	1,000,000	6.84E-05
204	1.40	3.2902E-06	4.5956E-06	3.46E-04	1.59E-09	0.25	1.57E-01	6.25E-11	1,000,000	6.25E-05
205	1.28	3.2902E-06	4.2139E-06	3.46E-04	1.46E-09	0.25	1.57E-01	5.73E-11	1,000,000	5.73E-05
206	1.18	3.2902E-06	3.8804E-06	3.46E-04	1.34E-09	0.25	1.57E-01	5.28E-11	1,000,000	5.28E-05
207	1.09	3.2902E-06	3.5833E-06	3.46E-04	1.24E-09	0.25	1.57E-01	4.87E-11	1,000,000	4.87E-05
208	3.84	3.2902E-06	1.264E-05	3.46E-04	4.38E-09	0.25	1.57E-01	1.72E-10	1,000,000	1.72E-04
209	3.32	3.2902E-06	1.0935E-05	3.46E-04	3.79E-09	0.25	1.57E-01	1.49E-10	1,000,000	1.49E-04
210	2.90	3.2902E-06	9.5563E-06	3.46E-04	3.31E-09	0.25	1.57E-01	1.30E-10	1,000,000	1.30E-04
211	2.56	3.2902E-06	8.425E-06	3.46E-04	2.92E-09	0.25	1.57E-01	1.15E-10	1,000,000	1.15E-04
212	2.28	3.2902E-06	7.4854E-06	3.46E-04	2.59E-09	0.25	1.57E-01	1.02E-10	1,000,000	1.02E-04
213	2.04	3.2902E-06	6.6969E-06	3.46E-04	2.32E-09	0.25	1.57E-01	9.11E-11	1,000,000	9.11E-05
214	1.83	3.2902E-06	6.0284E-06	3.46E-04	2.09E-09	0.25	1.57E-01	8.20E-11	1,000,000	8.20E-05
215	1.66	3.2902E-06	5.456E-06	3.46E-04	1.89E-09	0.25	1.57E-01	7.42E-11	1,000,000	7.42E-05
216	1.51	3.2902E-06	4.9635E-06	3.46E-04	1.72E-09	0.25	1.57E-01	6.75E-11	1,000,000	6.75E-05
217	1.38	3.2902E-06	4.5363E-06	3.46E-04	1.57E-09	0.25	1.57E-01	6.17E-11	1,000,000	6.17E-05
218	1.27	3.2902E-06	4.1632E-06	3.46E-04	1.44E-09	0.25	1.57E-01	5.66E-11	1,000,000	5.66E-05
219	1.17	3.2902E-06	3.8348E-06	3.46E-04	1.33E-09	0.25	1.57E-01	5.22E-11	1,000,000	5.22E-05
220	2.43	3.2902E-06	7.993E-06	3.46E-04	2.77E-09	0.25	1.57E-01	1.09E-10	1,000,000	1.09E-04
221	2.17	3.2902E-06	7.1377E-06	3.46E-04	2.47E-09	0.25	1.57E-01	9.71E-11	1,000,000	9.71E-05
222	1.95	3.2902E-06	6.413E-06	3.46E-04	2.22E-09	0.25	1.57E-01	8.72E-11	1,000,000	8.72E-05
223	1.76	3.2902E-06	5.7942E-06	3.46E-04	2.01E-09	0.25	1.57E-01	7.88E-11	1,000,000	7.88E-05
224	1.60	3.2902E-06	5.2615E-06	3.46E-04	1.82E-09	0.25	1.57E-01	7.16E-11	1,000,000	7.16E-05
225	1.46	3.2902E-06	4.7993E-06	3.46E-04	1.66E-09	0.25	1.57E-01	6.53E-11	1,000,000	6.53E-05
226	1.34	3.2902E-06	4.3961E-06	3.46E-04	1.52E-09	0.25	1.57E-01	5.98E-11	1,000,000	5.98E-05
227	1.23	3.2902E-06	4.0425E-06	3.46E-04	1.40E-09	0.25	1.57E-01	5.50E-11	1,000,000	5.50E-05
228	2.25	3.2902E-06	7.4151E-06	3.46E-04	2.57E-09	0.25	1.57E-01	1.01E-10	1,000,000	1.01E-04
229	2.03	3.2902E-06	6.666E-06	3.46E-04	2.31E-09	0.25	1.57E-01	9.07E-11	1,000,000	9.07E-05
230	1.83	3.2902E-06	6.0237E-06	3.46E-04	2.09E-09	0.25	1.57E-01	8.19E-11	1,000,000	8.19E-05
231	1.66	3.2902E-06	5.4706E-06	3.46E-04	1.89E-09	0.25	1.57E-01	7.44E-11	1,000,000	7.44E-05

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Idle

		Cancer Risk from 3rd Trimester								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
232	1.52	3.2902E-06	4.9885E-06	3.46E-04	1.73E-09	0.25	1.57E-01	6.78E-11	1,000,000	6.78E-05
233	1.39	3.2902E-06	4.5681E-06	3.46E-04	1.58E-09	0.25	1.57E-01	6.21E-11	1,000,000	6.21E-05
234	1.28	3.2902E-06	4.1993E-06	3.46E-04	1.45E-09	0.25	1.57E-01	5.71E-11	1,000,000	5.71E-05
235	4.15	3.2902E-06	1.3648E-05	3.46E-04	4.72E-09	0.25	1.57E-01	1.86E-10	1,000,000	1.86E-04
236	3.84	3.2902E-06	1.2641E-05	3.46E-04	4.38E-09	0.25	1.57E-01	1.72E-10	1,000,000	1.72E-04
237	3.33	3.2902E-06	1.0957E-05	3.46E-04	3.79E-09	0.25	1.57E-01	1.49E-10	1,000,000	1.49E-04
238	2.92	3.2902E-06	9.5984E-06	3.46E-04	3.32E-09	0.25	1.57E-01	1.31E-10	1,000,000	1.31E-04
239	3.45	3.2902E-06	1.1346E-05	3.46E-04	3.93E-09	0.25	1.57E-01	1.54E-10	1,000,000	1.54E-04
240	3.03	3.2902E-06	9.9566E-06	3.46E-04	3.45E-09	0.25	1.57E-01	1.35E-10	1,000,000	1.35E-04
241	2.67	3.2902E-06	8.7992E-06	3.46E-04	3.05E-09	0.25	1.57E-01	1.20E-10	1,000,000	1.20E-04
242	2.38	3.2902E-06	7.8383E-06	3.46E-04	2.71E-09	0.25	1.57E-01	1.07E-10	1,000,000	1.07E-04

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Idle

		Cancer Risk from 3rd Trimester								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
243	0.42	3.2902E-06	1.3862E-06	3.46E-04	4.80E-10	0.25	1.57E-01	1.89E-11	1,000,000	1.89E-05
244	0.41	3.2902E-06	1.3553E-06	3.46E-04	4.69E-10	0.25	1.57E-01	1.84E-11	1,000,000	1.84E-05
245	0.40	3.2902E-06	1.3245E-06	3.46E-04	4.58E-10	0.25	1.57E-01	1.80E-11	1,000,000	1.80E-05
246	0.39	3.2902E-06	1.2942E-06	3.46E-04	4.48E-10	0.25	1.57E-01	1.76E-11	1,000,000	1.76E-05
247	0.38	3.2902E-06	1.2637E-06	3.46E-04	4.37E-10	0.25	1.57E-01	1.72E-11	1,000,000	1.72E-05
248	0.37	3.2902E-06	1.2336E-06	3.46E-04	4.27E-10	0.25	1.57E-01	1.68E-11	1,000,000	1.68E-05
249	0.37	3.2902E-06	1.2037E-06	3.46E-04	4.17E-10	0.25	1.57E-01	1.64E-11	1,000,000	1.64E-05
250	0.36	3.2902E-06	1.1744E-06	3.46E-04	4.07E-10	0.25	1.57E-01	1.60E-11	1,000,000	1.60E-05
251	0.35	3.2902E-06	1.146E-06	3.46E-04	3.97E-10	0.25	1.57E-01	1.56E-11	1,000,000	1.56E-05
252	0.41	3.2902E-06	1.3402E-06	3.46E-04	4.64E-10	0.25	1.57E-01	1.82E-11	1,000,000	1.82E-05
253	0.40	3.2902E-06	1.3179E-06	3.46E-04	4.56E-10	0.25	1.57E-01	1.79E-11	1,000,000	1.79E-05
254	0.39	3.2902E-06	1.2935E-06	3.46E-04	4.48E-10	0.25	1.57E-01	1.76E-11	1,000,000	1.76E-05
255	0.39	3.2902E-06	1.2676E-06	3.46E-04	4.39E-10	0.25	1.57E-01	1.72E-11	1,000,000	1.72E-05
256	0.38	3.2902E-06	1.2412E-06	3.46E-04	4.30E-10	0.25	1.57E-01	1.69E-11	1,000,000	1.69E-05
257	0.37	3.2902E-06	1.2136E-06	3.46E-04	4.20E-10	0.25	1.57E-01	1.65E-11	1,000,000	1.65E-05
258	0.36	3.2902E-06	1.1866E-06	3.46E-04	4.11E-10	0.25	1.57E-01	1.61E-11	1,000,000	1.61E-05
259	0.35	3.2902E-06	1.1589E-06	3.46E-04	4.01E-10	0.25	1.57E-01	1.58E-11	1,000,000	1.58E-05
260	0.34	3.2902E-06	1.1319E-06	3.46E-04	3.92E-10	0.25	1.57E-01	1.54E-11	1,000,000	1.54E-05
261	0.34	3.2902E-06	1.1055E-06	3.46E-04	3.83E-10	0.25	1.57E-01	1.50E-11	1,000,000	1.50E-05
262	0.33	3.2902E-06	1.0804E-06	3.46E-04	3.74E-10	0.25	1.57E-01	1.47E-11	1,000,000	1.47E-05
263	0.38	3.2902E-06	1.251E-06	3.46E-04	4.33E-10	0.25	1.57E-01	1.70E-11	1,000,000	1.70E-05
264	0.37	3.2902E-06	1.2307E-06	3.46E-04	4.26E-10	0.25	1.57E-01	1.67E-11	1,000,000	1.67E-05
265	0.37	3.2902E-06	1.2098E-06	3.46E-04	4.19E-10	0.25	1.57E-01	1.65E-11	1,000,000	1.65E-05
266	0.36	3.2902E-06	1.187E-06	3.46E-04	4.11E-10	0.25	1.57E-01	1.61E-11	1,000,000	1.61E-05
267	0.35	3.2902E-06	1.1637E-06	3.46E-04	4.03E-10	0.25	1.57E-01	1.58E-11	1,000,000	1.58E-05
268	0.35	3.2902E-06	1.1393E-06	3.46E-04	3.94E-10	0.25	1.57E-01	1.55E-11	1,000,000	1.55E-05
269	0.34	3.2902E-06	1.1154E-06	3.46E-04	3.86E-10	0.25	1.57E-01	1.52E-11	1,000,000	1.52E-05
270	0.33	3.2902E-06	1.0908E-06	3.46E-04	3.78E-10	0.25	1.57E-01	1.48E-11	1,000,000	1.48E-05
271	0.32	3.2902E-06	1.067E-06	3.46E-04	3.69E-10	0.25	1.57E-01	1.45E-11	1,000,000	1.45E-05
272	0.32	3.2902E-06	1.0434E-06	3.46E-04	3.61E-10	0.25	1.57E-01	1.42E-11	1,000,000	1.42E-05
273	0.31	3.2902E-06	1.0205E-06	3.46E-04	3.53E-10	0.25	1.57E-01	1.39E-11	1,000,000	1.39E-05
274	0.30	3.2902E-06	9.9632E-07	3.46E-04	3.45E-10	0.25	1.57E-01	1.35E-11	1,000,000	1.35E-05
275	0.36	3.2902E-06	1.169E-06	3.46E-04	4.05E-10	0.25	1.57E-01	1.59E-11	1,000,000	1.59E-05

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Idle

		Cancer Risk from 3rd Trimester								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
276	0.35	3.2902E-06	1.1522E-06	3.46E-04	3.99E-10	0.25	1.57E-01	1.57E-11	1,000,000	1.57E-05
277	0.34	3.2902E-06	1.1336E-06	3.46E-04	3.92E-10	0.25	1.57E-01	1.54E-11	1,000,000	1.54E-05
278	0.34	3.2902E-06	1.1137E-06	3.46E-04	3.86E-10	0.25	1.57E-01	1.51E-11	1,000,000	1.51E-05
279	0.33	3.2902E-06	1.0931E-06	3.46E-04	3.78E-10	0.25	1.57E-01	1.49E-11	1,000,000	1.49E-05
280	0.33	3.2902E-06	1.0717E-06	3.46E-04	3.71E-10	0.25	1.57E-01	1.46E-11	1,000,000	1.46E-05
281	0.32	3.2902E-06	1.0497E-06	3.46E-04	3.63E-10	0.25	1.57E-01	1.43E-11	1,000,000	1.43E-05
282	0.31	3.2902E-06	1.0283E-06	3.46E-04	3.56E-10	0.25	1.57E-01	1.40E-11	1,000,000	1.40E-05
283	0.31	3.2902E-06	1.007E-06	3.46E-04	3.49E-10	0.25	1.57E-01	1.37E-11	1,000,000	1.37E-05
284	0.30	3.2902E-06	9.8579E-07	3.46E-04	3.41E-10	0.25	1.57E-01	1.34E-11	1,000,000	1.34E-05
285	0.29	3.2902E-06	9.647E-07	3.46E-04	3.34E-10	0.25	1.57E-01	1.31E-11	1,000,000	1.31E-05
286	0.29	3.2902E-06	9.439E-07	3.46E-04	3.27E-10	0.25	1.57E-01	1.28E-11	1,000,000	1.28E-05
287	0.33	3.2902E-06	1.0949E-06	3.46E-04	3.79E-10	0.25	1.57E-01	1.49E-11	1,000,000	1.49E-05
288	0.33	3.2902E-06	1.0802E-06	3.46E-04	3.74E-10	0.25	1.57E-01	1.47E-11	1,000,000	1.47E-05
289	0.32	3.2902E-06	1.0637E-06	3.46E-04	3.68E-10	0.25	1.57E-01	1.45E-11	1,000,000	1.45E-05
290	0.32	3.2902E-06	1.0464E-06	3.46E-04	3.62E-10	0.25	1.57E-01	1.42E-11	1,000,000	1.42E-05
291	0.31	3.2902E-06	1.0281E-06	3.46E-04	3.56E-10	0.25	1.57E-01	1.40E-11	1,000,000	1.40E-05
292	0.31	3.2902E-06	1.0097E-06	3.46E-04	3.50E-10	0.25	1.57E-01	1.37E-11	1,000,000	1.37E-05
293	0.30	3.2902E-06	9.9049E-07	3.46E-04	3.43E-10	0.25	1.57E-01	1.35E-11	1,000,000	1.35E-05
294	0.30	3.2902E-06	9.7154E-07	3.46E-04	3.36E-10	0.25	1.57E-01	1.32E-11	1,000,000	1.32E-05
295	0.29	3.2902E-06	9.5262E-07	3.46E-04	3.30E-10	0.25	1.57E-01	1.30E-11	1,000,000	1.30E-05
296	0.28	3.2902E-06	9.3361E-07	3.46E-04	3.23E-10	0.25	1.57E-01	1.27E-11	1,000,000	1.27E-05
297	0.28	3.2902E-06	9.1439E-07	3.46E-04	3.17E-10	0.25	1.57E-01	1.24E-11	1,000,000	1.24E-05
298	0.27	3.2902E-06	8.957E-07	3.46E-04	3.10E-10	0.25	1.57E-01	1.22E-11	1,000,000	1.22E-05
299	0.31	3.2902E-06	1.0273E-06	3.46E-04	3.56E-10	0.25	1.57E-01	1.40E-11	1,000,000	1.40E-05
300	0.31	3.2902E-06	1.0148E-06	3.46E-04	3.51E-10	0.25	1.57E-01	1.38E-11	1,000,000	1.38E-05
301	0.30	3.2902E-06	1.0004E-06	3.46E-04	3.46E-10	0.25	1.57E-01	1.36E-11	1,000,000	1.36E-05
302	0.30	3.2902E-06	9.8516E-07	3.46E-04	3.41E-10	0.25	1.57E-01	1.34E-11	1,000,000	1.34E-05
303	0.29	3.2902E-06	9.6957E-07	3.46E-04	3.36E-10	0.25	1.57E-01	1.32E-11	1,000,000	1.32E-05
304	0.29	3.2902E-06	9.5256E-07	3.46E-04	3.30E-10	0.25	1.57E-01	1.30E-11	1,000,000	1.30E-05
305	0.28	3.2902E-06	9.3607E-07	3.46E-04	3.24E-10	0.25	1.57E-01	1.27E-11	1,000,000	1.27E-05
306	0.28	3.2902E-06	9.1906E-07	3.46E-04	3.18E-10	0.25	1.57E-01	1.25E-11	1,000,000	1.25E-05
307	0.27	3.2902E-06	9.0208E-07	3.46E-04	3.12E-10	0.25	1.57E-01	1.23E-11	1,000,000	1.23E-05
308	0.27	3.2902E-06	8.8481E-07	3.46E-04	3.06E-10	0.25	1.57E-01	1.20E-11	1,000,000	1.20E-05

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Idle

		Cancer Risk from 3rd Trimester								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
309	0.26	3.2902E-06	8.6741E-07	3.46E-04	3.00E-10	0.25	1.57E-01	1.18E-11	1,000,000	1.18E-05
310	0.26	3.2902E-06	8.5089E-07	3.46E-04	2.95E-10	0.25	1.57E-01	1.16E-11	1,000,000	1.16E-05
311	0.29	3.2902E-06	9.6595E-07	3.46E-04	3.34E-10	0.25	1.57E-01	1.31E-11	1,000,000	1.31E-05
312	0.29	3.2902E-06	9.5542E-07	3.46E-04	3.31E-10	0.25	1.57E-01	1.30E-11	1,000,000	1.30E-05
313	0.29	3.2902E-06	9.4331E-07	3.46E-04	3.27E-10	0.25	1.57E-01	1.28E-11	1,000,000	1.28E-05
314	0.28	3.2902E-06	9.2995E-07	3.46E-04	3.22E-10	0.25	1.57E-01	1.26E-11	1,000,000	1.26E-05
315	0.28	3.2902E-06	9.1538E-07	3.46E-04	3.17E-10	0.25	1.57E-01	1.24E-11	1,000,000	1.24E-05
316	0.26	3.2902E-06	8.6556E-07	3.46E-04	3.00E-10	0.25	1.57E-01	1.18E-11	1,000,000	1.18E-05
317	0.26	3.2902E-06	8.606E-07	3.46E-04	2.98E-10	0.25	1.57E-01	1.17E-11	1,000,000	1.17E-05
318	0.25	3.2902E-06	8.3796E-07	3.46E-04	2.90E-10	0.25	1.57E-01	1.14E-11	1,000,000	1.14E-05
319	0.26	3.2902E-06	8.55E-07	3.46E-04	2.96E-10	0.25	1.57E-01	1.16E-11	1,000,000	1.16E-05
320	0.26	3.2902E-06	8.3941E-07	3.46E-04	2.91E-10	0.25	1.57E-01	1.14E-11	1,000,000	1.14E-05
321	0.25	3.2902E-06	8.2417E-07	3.46E-04	2.85E-10	0.25	1.57E-01	1.12E-11	1,000,000	1.12E-05
322	0.25	3.2902E-06	8.092E-07	3.46E-04	2.80E-10	0.25	1.57E-01	1.10E-11	1,000,000	1.10E-05
323	0.28	3.2902E-06	9.0965E-07	3.46E-04	3.15E-10	0.25	1.57E-01	1.24E-11	1,000,000	1.24E-05
324	0.27	3.2902E-06	9.0031E-07	3.46E-04	3.12E-10	0.25	1.57E-01	1.22E-11	1,000,000	1.22E-05
325	0.27	3.2902E-06	8.8978E-07	3.46E-04	3.08E-10	0.25	1.57E-01	1.21E-11	1,000,000	1.21E-05
326	0.26	3.2902E-06	8.4329E-07	3.46E-04	2.92E-10	0.25	1.57E-01	1.15E-11	1,000,000	1.15E-05
327	0.26	3.2902E-06	8.5777E-07	3.46E-04	2.97E-10	0.25	1.57E-01	1.17E-11	1,000,000	1.17E-05
328	0.25	3.2902E-06	8.197E-07	3.46E-04	2.84E-10	0.25	1.57E-01	1.11E-11	1,000,000	1.11E-05
329	0.26	3.2902E-06	8.4059E-07	3.46E-04	2.91E-10	0.25	1.57E-01	1.14E-11	1,000,000	1.14E-05
330	0.24	3.2902E-06	7.9436E-07	3.46E-04	2.75E-10	0.25	1.57E-01	1.08E-11	1,000,000	1.08E-05
331	0.24	3.2902E-06	7.814E-07	3.46E-04	2.70E-10	0.25	1.57E-01	1.06E-11	1,000,000	1.06E-05
332	0.24	3.2902E-06	7.8393E-07	3.46E-04	2.71E-10	0.25	1.57E-01	1.07E-11	1,000,000	1.07E-05
333	0.24	3.2902E-06	7.8393E-07	3.46E-04	2.71E-10	0.25	1.57E-01	1.07E-11	1,000,000	1.07E-05
334	0.23	3.2902E-06	7.6969E-07	3.46E-04	2.66E-10	0.25	1.57E-01	1.05E-11	1,000,000	1.05E-05
335	0.26	3.2902E-06	8.5786E-07	3.46E-04	2.97E-10	0.25	1.57E-01	1.17E-11	1,000,000	1.17E-05
336	0.26	3.2902E-06	8.4974E-07	3.46E-04	2.94E-10	0.25	1.57E-01	1.16E-11	1,000,000	1.16E-05
337	0.25	3.2902E-06	8.3306E-07	3.46E-04	2.88E-10	0.25	1.57E-01	1.13E-11	1,000,000	1.13E-05
338	0.24	3.2902E-06	7.968E-07	3.46E-04	2.76E-10	0.25	1.57E-01	1.08E-11	1,000,000	1.08E-05
339	0.24	3.2902E-06	7.8781E-07	3.46E-04	2.73E-10	0.25	1.57E-01	1.07E-11	1,000,000	1.07E-05
340	0.24	3.2902E-06	7.7581E-07	3.46E-04	2.69E-10	0.25	1.57E-01	1.06E-11	1,000,000	1.06E-05
341	0.24	3.2902E-06	7.9736E-07	3.46E-04	2.76E-10	0.25	1.57E-01	1.08E-11	1,000,000	1.08E-05

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Idle

					Cancer Risk from Birth to 2 years				
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
1	3.2902E-06	7.4823E-06	1.05E-03	7.82E-09	2.00	1.57E-01	2.46E-09	1,000,000	2.5E-03
2	3.2902E-06	3.8932E-06	1.05E-03	4.07E-09	2.00	1.57E-01	1.28E-09	1,000,000	1.28E-03
3	3.2902E-06	4.174E-06	1.05E-03	4.36E-09	2.00	1.57E-01	1.37E-09	1,000,000	1.37E-03
4	3.2902E-06	4.6146E-06	1.05E-03	4.82E-09	2.00	1.57E-01	1.52E-09	1,000,000	1.52E-03
5	3.2902E-06	5.198E-06	1.05E-03	5.43E-09	2.00	1.57E-01	1.71E-09	1,000,000	1.71E-03
6	3.2902E-06	5.6048E-06	1.05E-03	5.86E-09	2.00	1.57E-01	1.84E-09	1,000,000	1.84E-03
7	3.2902E-06	6.4098E-06	1.05E-03	6.70E-09	2.00	1.57E-01	2.11E-09	1,000,000	2.11E-03
8	3.2902E-06	1.3728E-06	1.05E-03	1.43E-09	2.00	1.57E-01	4.51E-10	1,000,000	4.51E-04
9	3.2902E-06	1.3047E-06	1.05E-03	1.36E-09	2.00	1.57E-01	4.29E-10	1,000,000	4.29E-04
10	3.2902E-06	1.2409E-06	1.05E-03	1.30E-09	2.00	1.57E-01	4.08E-10	1,000,000	4.08E-04
11	3.2902E-06	1.1788E-06	1.05E-03	1.23E-09	2.00	1.57E-01	3.87E-10	1,000,000	3.87E-04
12	3.2902E-06	1.1181E-06	1.05E-03	1.17E-09	2.00	1.57E-01	3.67E-10	1,000,000	3.67E-04
13	3.2902E-06	1.0606E-06	1.05E-03	1.11E-09	2.00	1.57E-01	3.48E-10	1,000,000	3.48E-04
14	3.2902E-06	1.0065E-06	1.05E-03	1.05E-09	2.00	1.57E-01	3.31E-10	1,000,000	3.31E-04
15	3.2902E-06	9.5654E-07	1.05E-03	1.00E-09	2.00	1.57E-01	3.14E-10	1,000,000	3.14E-04
16	3.2902E-06	1.4547E-06	1.05E-03	1.52E-09	2.00	1.57E-01	4.78E-10	1,000,000	4.78E-04
17	3.2902E-06	1.3764E-06	1.05E-03	1.44E-09	2.00	1.57E-01	4.52E-10	1,000,000	4.52E-04
18	3.2902E-06	1.3037E-06	1.05E-03	1.36E-09	2.00	1.57E-01	4.28E-10	1,000,000	4.28E-04
19	3.2902E-06	1.234E-06	1.05E-03	1.29E-09	2.00	1.57E-01	4.05E-10	1,000,000	4.05E-04
20	3.2902E-06	1.1671E-06	1.05E-03	1.22E-09	2.00	1.57E-01	3.83E-10	1,000,000	3.83E-04
21	3.2902E-06	1.1056E-06	1.05E-03	1.16E-09	2.00	1.57E-01	3.63E-10	1,000,000	3.63E-04
22	3.2902E-06	1.0485E-06	1.05E-03	1.10E-09	2.00	1.57E-01	3.44E-10	1,000,000	3.44E-04
23	3.2902E-06	9.9523E-07	1.05E-03	1.04E-09	2.00	1.57E-01	3.27E-10	1,000,000	3.27E-04
24	3.2902E-06	1.3693E-06	1.05E-03	1.43E-09	2.00	1.57E-01	4.50E-10	1,000,000	4.50E-04
25	3.2902E-06	1.2925E-06	1.05E-03	1.35E-09	2.00	1.57E-01	4.25E-10	1,000,000	4.25E-04
26	3.2902E-06	1.2195E-06	1.05E-03	1.27E-09	2.00	1.57E-01	4.01E-10	1,000,000	4.01E-04
27	3.2902E-06	1.1541E-06	1.05E-03	1.21E-09	2.00	1.57E-01	3.79E-10	1,000,000	3.79E-04
28	3.2902E-06	1.0945E-06	1.05E-03	1.14E-09	2.00	1.57E-01	3.60E-10	1,000,000	3.60E-04
29	3.2902E-06	1.0387E-06	1.05E-03	1.09E-09	2.00	1.57E-01	3.41E-10	1,000,000	3.41E-04
30	3.2902E-06	1.4392E-06	1.05E-03	1.50E-09	2.00	1.57E-01	4.73E-10	1,000,000	4.73E-04
31	3.2902E-06	1.3566E-06	1.05E-03	1.42E-09	2.00	1.57E-01	4.46E-10	1,000,000	4.46E-04
32	3.2902E-06	1.2784E-06	1.05E-03	1.34E-09	2.00	1.57E-01	4.20E-10	1,000,000	4.20E-04
33	3.2902E-06	1.2097E-06	1.05E-03	1.26E-09	2.00	1.57E-01	3.97E-10	1,000,000	3.97E-04

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Idle

					Cancer Risk from Birth to 2 years				
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
34	3.2902E-06	1.1478E-06	1.05E-03	1.20E-09	2.00	1.57E-01	3.77E-10	1,000,000	3.77E-04
35	3.2902E-06	1.0901E-06	1.05E-03	1.14E-09	2.00	1.57E-01	3.58E-10	1,000,000	3.58E-04
36	3.2902E-06	1.5179E-06	1.05E-03	1.59E-09	2.00	1.57E-01	4.99E-10	1,000,000	4.99E-04
37	3.2902E-06	1.4295E-06	1.05E-03	1.49E-09	2.00	1.57E-01	4.70E-10	1,000,000	4.70E-04
38	3.2902E-06	1.3472E-06	1.05E-03	1.41E-09	2.00	1.57E-01	4.43E-10	1,000,000	4.43E-04
39	3.2902E-06	1.2753E-06	1.05E-03	1.33E-09	2.00	1.57E-01	4.19E-10	1,000,000	4.19E-04
40	3.2902E-06	1.2115E-06	1.05E-03	1.27E-09	2.00	1.57E-01	3.98E-10	1,000,000	3.98E-04
41	3.2902E-06	1.1515E-06	1.05E-03	1.20E-09	2.00	1.57E-01	3.78E-10	1,000,000	3.78E-04
42	3.2902E-06	3.3845E-06	1.05E-03	3.54E-09	2.00	1.57E-01	1.11E-09	1,000,000	1.11E-03
43	3.2902E-06	3.2649E-06	1.05E-03	3.41E-09	2.00	1.57E-01	1.07E-09	1,000,000	1.07E-03
44	3.2902E-06	3.1262E-06	1.05E-03	3.27E-09	2.00	1.57E-01	1.03E-09	1,000,000	1.03E-03
45	3.2902E-06	2.9688E-06	1.05E-03	3.10E-09	2.00	1.57E-01	9.75E-10	1,000,000	9.75E-04
46	3.2902E-06	2.7949E-06	1.05E-03	2.92E-09	2.00	1.57E-01	9.18E-10	1,000,000	9.18E-04
47	3.2902E-06	2.6124E-06	1.05E-03	2.73E-09	2.00	1.57E-01	8.58E-10	1,000,000	8.58E-04
48	3.2902E-06	2.437E-06	1.05E-03	2.55E-09	2.00	1.57E-01	8.01E-10	1,000,000	8.01E-04
49	3.2902E-06	1.6083E-06	1.05E-03	1.68E-09	2.00	1.57E-01	5.28E-10	1,000,000	5.28E-04
50	3.2902E-06	1.5156E-06	1.05E-03	1.58E-09	2.00	1.57E-01	4.98E-10	1,000,000	4.98E-04
51	3.2902E-06	1.4296E-06	1.05E-03	1.49E-09	2.00	1.57E-01	4.70E-10	1,000,000	4.70E-04
52	3.2902E-06	1.3551E-06	1.05E-03	1.42E-09	2.00	1.57E-01	4.45E-10	1,000,000	4.45E-04
53	3.2902E-06	1.2884E-06	1.05E-03	1.35E-09	2.00	1.57E-01	4.23E-10	1,000,000	4.23E-04
54	3.2902E-06	1.2254E-06	1.05E-03	1.28E-09	2.00	1.57E-01	4.03E-10	1,000,000	4.03E-04
55	3.2902E-06	4.1033E-06	1.05E-03	4.29E-09	2.00	1.57E-01	1.35E-09	1,000,000	1.35E-03
56	3.2902E-06	3.9187E-06	1.05E-03	4.10E-09	2.00	1.57E-01	1.29E-09	1,000,000	1.29E-03
57	3.2902E-06	3.7407E-06	1.05E-03	3.91E-09	2.00	1.57E-01	1.23E-09	1,000,000	1.23E-03
58	3.2902E-06	3.5303E-06	1.05E-03	3.69E-09	2.00	1.57E-01	1.16E-09	1,000,000	1.16E-03
59	3.2902E-06	3.313E-06	1.05E-03	3.46E-09	2.00	1.57E-01	1.09E-09	1,000,000	1.09E-03
60	3.2902E-06	3.0869E-06	1.05E-03	3.23E-09	2.00	1.57E-01	1.01E-09	1,000,000	1.01E-03
61	3.2902E-06	2.8545E-06	1.05E-03	2.98E-09	2.00	1.57E-01	9.38E-10	1,000,000	9.38E-04
62	3.2902E-06	2.6384E-06	1.05E-03	2.76E-09	2.00	1.57E-01	8.67E-10	1,000,000	8.67E-04
63	3.2902E-06	2.4425E-06	1.05E-03	2.55E-09	2.00	1.57E-01	8.02E-10	1,000,000	8.02E-04
64	3.2902E-06	1.7168E-06	1.05E-03	1.79E-09	2.00	1.57E-01	5.64E-10	1,000,000	5.64E-04
65	3.2902E-06	1.6208E-06	1.05E-03	1.69E-09	2.00	1.57E-01	5.32E-10	1,000,000	5.32E-04
66	3.2902E-06	1.5322E-06	1.05E-03	1.60E-09	2.00	1.57E-01	5.03E-10	1,000,000	5.03E-04

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Idle

					Cancer Risk from Birth to 2 years				
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
67	3.2902E-06	1.4527E-06	1.05E-03	1.52E-09	2.00	1.57E-01	4.77E-10	1,000,000	4.77E-04
68	3.2902E-06	1.3837E-06	1.05E-03	1.45E-09	2.00	1.57E-01	4.55E-10	1,000,000	4.55E-04
69	3.2902E-06	1.3176E-06	1.05E-03	1.38E-09	2.00	1.57E-01	4.33E-10	1,000,000	4.33E-04
70	3.2902E-06	4.5627E-06	1.05E-03	4.77E-09	2.00	1.57E-01	1.50E-09	1,000,000	1.50E-03
71	3.2902E-06	4.3008E-06	1.05E-03	4.50E-09	2.00	1.57E-01	1.41E-09	1,000,000	1.41E-03
72	3.2902E-06	4.0051E-06	1.05E-03	4.19E-09	2.00	1.57E-01	1.32E-09	1,000,000	1.32E-03
73	3.2902E-06	3.6962E-06	1.05E-03	3.86E-09	2.00	1.57E-01	1.21E-09	1,000,000	1.21E-03
74	3.2902E-06	3.4035E-06	1.05E-03	3.56E-09	2.00	1.57E-01	1.12E-09	1,000,000	1.12E-03
75	3.2902E-06	3.1234E-06	1.05E-03	3.26E-09	2.00	1.57E-01	1.03E-09	1,000,000	1.03E-03
76	3.2902E-06	2.8586E-06	1.05E-03	2.99E-09	2.00	1.57E-01	9.39E-10	1,000,000	9.39E-04
77	3.2902E-06	2.6343E-06	1.05E-03	2.75E-09	2.00	1.57E-01	8.65E-10	1,000,000	8.65E-04
78	3.2902E-06	1.7499E-06	1.05E-03	1.83E-09	2.00	1.57E-01	5.75E-10	1,000,000	5.75E-04
79	3.2902E-06	1.655E-06	1.05E-03	1.73E-09	2.00	1.57E-01	5.44E-10	1,000,000	5.44E-04
80	3.2902E-06	1.5721E-06	1.05E-03	1.64E-09	2.00	1.57E-01	5.16E-10	1,000,000	5.16E-04
81	3.2902E-06	1.4982E-06	1.05E-03	1.57E-09	2.00	1.57E-01	4.92E-10	1,000,000	4.92E-04
82	3.2902E-06	1.4276E-06	1.05E-03	1.49E-09	2.00	1.57E-01	4.69E-10	1,000,000	4.69E-04
83	3.2902E-06	5.3867E-06	1.05E-03	5.63E-09	2.00	1.57E-01	1.77E-09	1,000,000	1.77E-03
84	3.2902E-06	4.9537E-06	1.05E-03	5.18E-09	2.00	1.57E-01	1.63E-09	1,000,000	1.63E-03
85	3.2902E-06	4.5441E-06	1.05E-03	4.75E-09	2.00	1.57E-01	1.49E-09	1,000,000	1.49E-03
86	3.2902E-06	4.1297E-06	1.05E-03	4.32E-09	2.00	1.57E-01	1.36E-09	1,000,000	1.36E-03
87	3.2902E-06	3.7534E-06	1.05E-03	3.92E-09	2.00	1.57E-01	1.23E-09	1,000,000	1.23E-03
88	3.2902E-06	3.4195E-06	1.05E-03	3.57E-09	2.00	1.57E-01	1.12E-09	1,000,000	1.12E-03
89	3.2902E-06	3.1169E-06	1.05E-03	3.26E-09	2.00	1.57E-01	1.02E-09	1,000,000	1.02E-03
90	3.2902E-06	2.8609E-06	1.05E-03	2.99E-09	2.00	1.57E-01	9.40E-10	1,000,000	9.40E-04
91	3.2902E-06	2.6467E-06	1.05E-03	2.77E-09	2.00	1.57E-01	8.69E-10	1,000,000	8.69E-04
92	3.2902E-06	2.0229E-06	1.05E-03	2.11E-09	2.00	1.57E-01	6.64E-10	1,000,000	6.64E-04
93	3.2902E-06	1.9134E-06	1.05E-03	2.00E-09	2.00	1.57E-01	6.29E-10	1,000,000	6.29E-04
94	3.2902E-06	1.8108E-06	1.05E-03	1.89E-09	2.00	1.57E-01	5.95E-10	1,000,000	5.95E-04
95	3.2902E-06	1.7214E-06	1.05E-03	1.80E-09	2.00	1.57E-01	5.65E-10	1,000,000	5.65E-04
96	3.2902E-06	1.6402E-06	1.05E-03	1.71E-09	2.00	1.57E-01	5.39E-10	1,000,000	5.39E-04
97	3.2902E-06	1.5626E-06	1.05E-03	1.63E-09	2.00	1.57E-01	5.13E-10	1,000,000	5.13E-04
98	3.2902E-06	5.7077E-06	1.05E-03	5.97E-09	2.00	1.57E-01	1.87E-09	1,000,000	1.87E-03
99	3.2902E-06	5.1555E-06	1.05E-03	5.39E-09	2.00	1.57E-01	1.69E-09	1,000,000	1.69E-03

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Idle

					Cancer Risk from Birth to 2 years				
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
100	3.2902E-06	4.6337E-06	1.05E-03	4.84E-09	2.00	1.57E-01	1.52E-09	1,000,000	1.52E-03
101	3.2902E-06	4.1554E-06	1.05E-03	4.34E-09	2.00	1.57E-01	1.37E-09	1,000,000	1.37E-03
102	3.2902E-06	3.7706E-06	1.05E-03	3.94E-09	2.00	1.57E-01	1.24E-09	1,000,000	1.24E-03
103	3.2902E-06	3.4379E-06	1.05E-03	3.59E-09	2.00	1.57E-01	1.13E-09	1,000,000	1.13E-03
104	3.2902E-06	3.149E-06	1.05E-03	3.29E-09	2.00	1.57E-01	1.03E-09	1,000,000	1.03E-03
105	3.2902E-06	2.9211E-06	1.05E-03	3.05E-09	2.00	1.57E-01	9.60E-10	1,000,000	9.60E-04
106	3.2902E-06	2.2476E-06	1.05E-03	2.35E-09	2.00	1.57E-01	7.38E-10	1,000,000	7.38E-04
107	3.2902E-06	2.1241E-06	1.05E-03	2.22E-09	2.00	1.57E-01	6.98E-10	1,000,000	6.98E-04
108	3.2902E-06	2.0098E-06	1.05E-03	2.10E-09	2.00	1.57E-01	6.60E-10	1,000,000	6.60E-04
109	3.2902E-06	1.9065E-06	1.05E-03	1.99E-09	2.00	1.57E-01	6.26E-10	1,000,000	6.26E-04
110	3.2902E-06	1.8141E-06	1.05E-03	1.90E-09	2.00	1.57E-01	5.96E-10	1,000,000	5.96E-04
111	3.2902E-06	1.7244E-06	1.05E-03	1.80E-09	2.00	1.57E-01	5.66E-10	1,000,000	5.66E-04
112	3.2902E-06	5.8605E-06	1.05E-03	6.13E-09	2.00	1.57E-01	1.93E-09	1,000,000	1.93E-03
113	3.2902E-06	5.2237E-06	1.05E-03	5.46E-09	2.00	1.57E-01	1.72E-09	1,000,000	1.72E-03
114	3.2902E-06	4.6669E-06	1.05E-03	4.88E-09	2.00	1.57E-01	1.53E-09	1,000,000	1.53E-03
115	3.2902E-06	4.2197E-06	1.05E-03	4.41E-09	2.00	1.57E-01	1.39E-09	1,000,000	1.39E-03
116	3.2902E-06	3.86E-06	1.05E-03	4.03E-09	2.00	1.57E-01	1.27E-09	1,000,000	1.27E-03
117	3.2902E-06	3.543E-06	1.05E-03	3.70E-09	2.00	1.57E-01	1.16E-09	1,000,000	1.16E-03
118	3.2902E-06	3.2835E-06	1.05E-03	3.43E-09	2.00	1.57E-01	1.08E-09	1,000,000	1.08E-03
119	3.2902E-06	3.0685E-06	1.05E-03	3.21E-09	2.00	1.57E-01	1.01E-09	1,000,000	1.01E-03
120	3.2902E-06	2.5429E-06	1.05E-03	2.66E-09	2.00	1.57E-01	8.35E-10	1,000,000	8.35E-04
121	3.2902E-06	2.3902E-06	1.05E-03	2.50E-09	2.00	1.57E-01	7.85E-10	1,000,000	7.85E-04
122	3.2902E-06	2.2597E-06	1.05E-03	2.36E-09	2.00	1.57E-01	7.42E-10	1,000,000	7.42E-04
123	3.2902E-06	2.1367E-06	1.05E-03	2.23E-09	2.00	1.57E-01	7.02E-10	1,000,000	7.02E-04
124	3.2902E-06	2.0249E-06	1.05E-03	2.12E-09	2.00	1.57E-01	6.65E-10	1,000,000	6.65E-04
125	3.2902E-06	1.9199E-06	1.05E-03	2.01E-09	2.00	1.57E-01	6.31E-10	1,000,000	6.31E-04
126	3.2902E-06	6.7312E-06	1.05E-03	7.04E-09	2.00	1.57E-01	2.21E-09	1,000,000	2.21E-03
127	3.2902E-06	5.9811E-06	1.05E-03	6.25E-09	2.00	1.57E-01	1.96E-09	1,000,000	1.96E-03
128	3.2902E-06	5.3699E-06	1.05E-03	5.61E-09	2.00	1.57E-01	1.76E-09	1,000,000	1.76E-03
129	3.2902E-06	4.8431E-06	1.05E-03	5.06E-09	2.00	1.57E-01	1.59E-09	1,000,000	1.59E-03
130	3.2902E-06	4.4407E-06	1.05E-03	4.64E-09	2.00	1.57E-01	1.46E-09	1,000,000	1.46E-03
131	3.2902E-06	4.0915E-06	1.05E-03	4.28E-09	2.00	1.57E-01	1.34E-09	1,000,000	1.34E-03
132	3.2902E-06	3.7777E-06	1.05E-03	3.95E-09	2.00	1.57E-01	1.24E-09	1,000,000	1.24E-03

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Idle

	Cancer Risk from Birth to 2 years								
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
133	3.2902E-06	3.5291E-06	1.05E-03	3.69E-09	2.00	1.57E-01	1.16E-09	1,000,000	1.16E-03
134	3.2902E-06	2.7077E-06	1.05E-03	2.83E-09	2.00	1.57E-01	8.89E-10	1,000,000	8.89E-04
135	3.2902E-06	2.5557E-06	1.05E-03	2.67E-09	2.00	1.57E-01	8.40E-10	1,000,000	8.40E-04
136	3.2902E-06	2.4125E-06	1.05E-03	2.52E-09	2.00	1.57E-01	7.92E-10	1,000,000	7.92E-04
137	3.2902E-06	2.2756E-06	1.05E-03	2.38E-09	2.00	1.57E-01	7.48E-10	1,000,000	7.48E-04
138	3.2902E-06	2.1475E-06	1.05E-03	2.24E-09	2.00	1.57E-01	7.05E-10	1,000,000	7.05E-04
139	3.2902E-06	7.0736E-06	1.05E-03	7.39E-09	2.00	1.57E-01	2.32E-09	1,000,000	2.32E-03
140	3.2902E-06	6.3786E-06	1.05E-03	6.67E-09	2.00	1.57E-01	2.10E-09	1,000,000	2.10E-03
141	3.2902E-06	5.7631E-06	1.05E-03	6.02E-09	2.00	1.57E-01	1.89E-09	1,000,000	1.89E-03
142	3.2902E-06	5.2547E-06	1.05E-03	5.49E-09	2.00	1.57E-01	1.73E-09	1,000,000	1.73E-03
143	3.2902E-06	4.8421E-06	1.05E-03	5.06E-09	2.00	1.57E-01	1.59E-09	1,000,000	1.59E-03
144	3.2902E-06	4.4574E-06	1.05E-03	4.66E-09	2.00	1.57E-01	1.46E-09	1,000,000	1.46E-03
145	3.2902E-06	4.1244E-06	1.05E-03	4.31E-09	2.00	1.57E-01	1.35E-09	1,000,000	1.35E-03
146	3.2902E-06	3.8418E-06	1.05E-03	4.02E-09	2.00	1.57E-01	1.26E-09	1,000,000	1.26E-03
147	3.2902E-06	3.1037E-06	1.05E-03	3.24E-09	2.00	1.57E-01	1.02E-09	1,000,000	1.02E-03
148	3.2902E-06	2.9096E-06	1.05E-03	3.04E-09	2.00	1.57E-01	9.56E-10	1,000,000	9.56E-04
149	3.2902E-06	2.7298E-06	1.05E-03	2.85E-09	2.00	1.57E-01	8.97E-10	1,000,000	8.97E-04
150	3.2902E-06	2.5641E-06	1.05E-03	2.68E-09	2.00	1.57E-01	8.42E-10	1,000,000	8.42E-04
151	3.2902E-06	2.4089E-06	1.05E-03	2.52E-09	2.00	1.57E-01	7.91E-10	1,000,000	7.91E-04
152	3.2902E-06	8.7564E-06	1.05E-03	9.15E-09	2.00	1.57E-01	2.88E-09	1,000,000	2.88E-03
153	3.2902E-06	7.843E-06	1.05E-03	8.20E-09	2.00	1.57E-01	2.58E-09	1,000,000	2.58E-03
154	3.2902E-06	7.0655E-06	1.05E-03	7.38E-09	2.00	1.57E-01	2.32E-09	1,000,000	2.32E-03
155	3.2902E-06	6.3771E-06	1.05E-03	6.67E-09	2.00	1.57E-01	2.09E-09	1,000,000	2.09E-03
156	3.2902E-06	5.8185E-06	1.05E-03	6.08E-09	2.00	1.57E-01	1.91E-09	1,000,000	1.91E-03
157	3.2902E-06	5.3264E-06	1.05E-03	5.57E-09	2.00	1.57E-01	1.75E-09	1,000,000	1.75E-03
158	3.2902E-06	4.8831E-06	1.05E-03	5.10E-09	2.00	1.57E-01	1.60E-09	1,000,000	1.60E-03
159	3.2902E-06	4.493E-06	1.05E-03	4.70E-09	2.00	1.57E-01	1.48E-09	1,000,000	1.48E-03
160	3.2902E-06	4.1393E-06	1.05E-03	4.33E-09	2.00	1.57E-01	1.36E-09	1,000,000	1.36E-03
161	3.2902E-06	3.832E-06	1.05E-03	4.01E-09	2.00	1.57E-01	1.26E-09	1,000,000	1.26E-03
162	3.2902E-06	3.5523E-06	1.05E-03	3.71E-09	2.00	1.57E-01	1.17E-09	1,000,000	1.17E-03
163	3.2902E-06	3.3031E-06	1.05E-03	3.45E-09	2.00	1.57E-01	1.09E-09	1,000,000	1.09E-03
164	3.2902E-06	3.0808E-06	1.05E-03	3.22E-09	2.00	1.57E-01	1.01E-09	1,000,000	1.01E-03
165	3.2902E-06	2.8841E-06	1.05E-03	3.01E-09	2.00	1.57E-01	9.47E-10	1,000,000	9.47E-04

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Idle

					Cancer Risk from Birth to 2 years				
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
166	3.2902E-06	2.699E-06	1.05E-03	2.82E-09	2.00	1.57E-01	8.87E-10	1,000,000	8.87E-04
167	3.2902E-06	9.8806E-06	1.05E-03	1.03E-08	2.00	1.57E-01	3.25E-09	1,000,000	3.25E-03
168	3.2902E-06	8.7893E-06	1.05E-03	9.19E-09	2.00	1.57E-01	2.89E-09	1,000,000	2.89E-03
169	3.2902E-06	7.8355E-06	1.05E-03	8.19E-09	2.00	1.57E-01	2.57E-09	1,000,000	2.57E-03
170	3.2902E-06	7.0229E-06	1.05E-03	7.34E-09	2.00	1.57E-01	2.31E-09	1,000,000	2.31E-03
171	3.2902E-06	6.3481E-06	1.05E-03	6.64E-09	2.00	1.57E-01	2.09E-09	1,000,000	2.09E-03
172	3.2902E-06	5.7534E-06	1.05E-03	6.01E-09	2.00	1.57E-01	1.89E-09	1,000,000	1.89E-03
173	3.2902E-06	5.2287E-06	1.05E-03	5.47E-09	2.00	1.57E-01	1.72E-09	1,000,000	1.72E-03
174	3.2902E-06	4.7705E-06	1.05E-03	4.99E-09	2.00	1.57E-01	1.57E-09	1,000,000	1.57E-03
175	3.2902E-06	4.383E-06	1.05E-03	4.58E-09	2.00	1.57E-01	1.44E-09	1,000,000	1.44E-03
176	3.2902E-06	4.0369E-06	1.05E-03	4.22E-09	2.00	1.57E-01	1.33E-09	1,000,000	1.33E-03
177	3.2902E-06	3.7314E-06	1.05E-03	3.90E-09	2.00	1.57E-01	1.23E-09	1,000,000	1.23E-03
178	3.2902E-06	3.4623E-06	1.05E-03	3.62E-09	2.00	1.57E-01	1.14E-09	1,000,000	1.14E-03
179	3.2902E-06	3.2229E-06	1.05E-03	3.37E-09	2.00	1.57E-01	1.06E-09	1,000,000	1.06E-03
180	3.2902E-06	3.0011E-06	1.05E-03	3.14E-09	2.00	1.57E-01	9.86E-10	1,000,000	9.86E-04
181	3.2902E-06	1.253E-05	1.05E-03	1.31E-08	2.00	1.57E-01	4.12E-09	1,000,000	4.12E-03
182	3.2902E-06	1.0841E-05	1.05E-03	1.13E-08	2.00	1.57E-01	3.56E-09	1,000,000	3.56E-03
183	3.2902E-06	9.5162E-06	1.05E-03	9.95E-09	2.00	1.57E-01	3.13E-09	1,000,000	3.13E-03
184	3.2902E-06	8.4004E-06	1.05E-03	8.78E-09	2.00	1.57E-01	2.76E-09	1,000,000	2.76E-03
185	3.2902E-06	7.4764E-06	1.05E-03	7.81E-09	2.00	1.57E-01	2.46E-09	1,000,000	2.46E-03
186	3.2902E-06	6.6994E-06	1.05E-03	7.00E-09	2.00	1.57E-01	2.20E-09	1,000,000	2.20E-03
187	3.2902E-06	6.0325E-06	1.05E-03	6.31E-09	2.00	1.57E-01	1.98E-09	1,000,000	1.98E-03
188	3.2902E-06	5.4632E-06	1.05E-03	5.71E-09	2.00	1.57E-01	1.79E-09	1,000,000	1.79E-03
189	3.2902E-06	4.975E-06	1.05E-03	5.20E-09	2.00	1.57E-01	1.63E-09	1,000,000	1.63E-03
190	3.2902E-06	4.5503E-06	1.05E-03	4.76E-09	2.00	1.57E-01	1.49E-09	1,000,000	1.49E-03
191	3.2902E-06	4.1783E-06	1.05E-03	4.37E-09	2.00	1.57E-01	1.37E-09	1,000,000	1.37E-03
192	3.2902E-06	3.851E-06	1.05E-03	4.03E-09	2.00	1.57E-01	1.27E-09	1,000,000	1.27E-03
193	3.2902E-06	3.5625E-06	1.05E-03	3.72E-09	2.00	1.57E-01	1.17E-09	1,000,000	1.17E-03
194	3.2902E-06	3.3006E-06	1.05E-03	3.45E-09	2.00	1.57E-01	1.08E-09	1,000,000	1.08E-03
195	3.2902E-06	1.2958E-05	1.05E-03	1.35E-08	2.00	1.57E-01	4.26E-09	1,000,000	4.26E-03
196	3.2902E-06	1.1201E-05	1.05E-03	1.17E-08	2.00	1.57E-01	3.68E-09	1,000,000	3.68E-03
197	3.2902E-06	9.7721E-06	1.05E-03	1.02E-08	2.00	1.57E-01	3.21E-09	1,000,000	3.21E-03
198	3.2902E-06	8.5891E-06	1.05E-03	8.98E-09	2.00	1.57E-01	2.82E-09	1,000,000	2.82E-03

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Idle

					Cancer Risk from Birth to 2 years				
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
199	3.2902E-06	7.6188E-06	1.05E-03	7.96E-09	2.00	1.57E-01	2.50E-09	1,000,000	2.50E-03
200	3.2902E-06	6.8066E-06	1.05E-03	7.11E-09	2.00	1.57E-01	2.24E-09	1,000,000	2.24E-03
201	3.2902E-06	6.1209E-06	1.05E-03	6.40E-09	2.00	1.57E-01	2.01E-09	1,000,000	2.01E-03
202	3.2902E-06	5.5356E-06	1.05E-03	5.79E-09	2.00	1.57E-01	1.82E-09	1,000,000	1.82E-03
203	3.2902E-06	5.0324E-06	1.05E-03	5.26E-09	2.00	1.57E-01	1.65E-09	1,000,000	1.65E-03
204	3.2902E-06	4.5956E-06	1.05E-03	4.80E-09	2.00	1.57E-01	1.51E-09	1,000,000	1.51E-03
205	3.2902E-06	4.2139E-06	1.05E-03	4.40E-09	2.00	1.57E-01	1.38E-09	1,000,000	1.38E-03
206	3.2902E-06	3.8804E-06	1.05E-03	4.06E-09	2.00	1.57E-01	1.27E-09	1,000,000	1.27E-03
207	3.2902E-06	3.5833E-06	1.05E-03	3.75E-09	2.00	1.57E-01	1.18E-09	1,000,000	1.18E-03
208	3.2902E-06	1.264E-05	1.05E-03	1.32E-08	2.00	1.57E-01	4.15E-09	1,000,000	4.15E-03
209	3.2902E-06	1.0935E-05	1.05E-03	1.14E-08	2.00	1.57E-01	3.59E-09	1,000,000	3.59E-03
210	3.2902E-06	9.5563E-06	1.05E-03	9.99E-09	2.00	1.57E-01	3.14E-09	1,000,000	3.14E-03
211	3.2902E-06	8.425E-06	1.05E-03	8.81E-09	2.00	1.57E-01	2.77E-09	1,000,000	2.77E-03
212	3.2902E-06	7.4854E-06	1.05E-03	7.82E-09	2.00	1.57E-01	2.46E-09	1,000,000	2.46E-03
213	3.2902E-06	6.6969E-06	1.05E-03	7.00E-09	2.00	1.57E-01	2.20E-09	1,000,000	2.20E-03
214	3.2902E-06	6.0284E-06	1.05E-03	6.30E-09	2.00	1.57E-01	1.98E-09	1,000,000	1.98E-03
215	3.2902E-06	5.456E-06	1.05E-03	5.70E-09	2.00	1.57E-01	1.79E-09	1,000,000	1.79E-03
216	3.2902E-06	4.9635E-06	1.05E-03	5.19E-09	2.00	1.57E-01	1.63E-09	1,000,000	1.63E-03
217	3.2902E-06	4.5363E-06	1.05E-03	4.74E-09	2.00	1.57E-01	1.49E-09	1,000,000	1.49E-03
218	3.2902E-06	4.1632E-06	1.05E-03	4.35E-09	2.00	1.57E-01	1.37E-09	1,000,000	1.37E-03
219	3.2902E-06	3.8348E-06	1.05E-03	4.01E-09	2.00	1.57E-01	1.26E-09	1,000,000	1.26E-03
220	3.2902E-06	7.993E-06	1.05E-03	8.35E-09	2.00	1.57E-01	2.63E-09	1,000,000	2.63E-03
221	3.2902E-06	7.1377E-06	1.05E-03	7.46E-09	2.00	1.57E-01	2.34E-09	1,000,000	2.34E-03
222	3.2902E-06	6.413E-06	1.05E-03	6.70E-09	2.00	1.57E-01	2.11E-09	1,000,000	2.11E-03
223	3.2902E-06	5.7942E-06	1.05E-03	6.06E-09	2.00	1.57E-01	1.90E-09	1,000,000	1.90E-03
224	3.2902E-06	5.2615E-06	1.05E-03	5.50E-09	2.00	1.57E-01	1.73E-09	1,000,000	1.73E-03
225	3.2902E-06	4.7993E-06	1.05E-03	5.02E-09	2.00	1.57E-01	1.58E-09	1,000,000	1.58E-03
226	3.2902E-06	4.3961E-06	1.05E-03	4.59E-09	2.00	1.57E-01	1.44E-09	1,000,000	1.44E-03
227	3.2902E-06	4.0425E-06	1.05E-03	4.23E-09	2.00	1.57E-01	1.33E-09	1,000,000	1.33E-03
228	3.2902E-06	7.4151E-06	1.05E-03	7.75E-09	2.00	1.57E-01	2.44E-09	1,000,000	2.44E-03
229	3.2902E-06	6.666E-06	1.05E-03	6.97E-09	2.00	1.57E-01	2.19E-09	1,000,000	2.19E-03
230	3.2902E-06	6.0237E-06	1.05E-03	6.30E-09	2.00	1.57E-01	1.98E-09	1,000,000	1.98E-03
231	3.2902E-06	5.4706E-06	1.05E-03	5.72E-09	2.00	1.57E-01	1.80E-09	1,000,000	1.80E-03

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Idle

					Cancer Risk from Birth to 2 years				
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
232	3.2902E-06	4.9885E-06	1.05E-03	5.21E-09	2.00	1.57E-01	1.64E-09	1,000,000	1.64E-03
233	3.2902E-06	4.5681E-06	1.05E-03	4.77E-09	2.00	1.57E-01	1.50E-09	1,000,000	1.50E-03
234	3.2902E-06	4.1993E-06	1.05E-03	4.39E-09	2.00	1.57E-01	1.38E-09	1,000,000	1.38E-03
235	3.2902E-06	1.3648E-05	1.05E-03	1.43E-08	2.00	1.57E-01	4.48E-09	1,000,000	4.48E-03
236	3.2902E-06	1.2641E-05	1.05E-03	1.32E-08	2.00	1.57E-01	4.15E-09	1,000,000	4.15E-03
237	3.2902E-06	1.0957E-05	1.05E-03	1.15E-08	2.00	1.57E-01	3.60E-09	1,000,000	3.60E-03
238	3.2902E-06	9.5984E-06	1.05E-03	1.00E-08	2.00	1.57E-01	3.15E-09	1,000,000	3.15E-03
239	3.2902E-06	1.1346E-05	1.05E-03	1.19E-08	2.00	1.57E-01	3.73E-09	1,000,000	3.73E-03
240	3.2902E-06	9.9566E-06	1.05E-03	1.04E-08	2.00	1.57E-01	3.27E-09	1,000,000	3.27E-03
241	3.2902E-06	8.7992E-06	1.05E-03	9.20E-09	2.00	1.57E-01	2.89E-09	1,000,000	2.89E-03
242	3.2902E-06	7.8383E-06	1.05E-03	8.19E-09	2.00	1.57E-01	2.57E-09	1,000,000	2.57E-03

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Idle

					Cancer Risk from Birth to 2 years				
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
243	3.2902E-06	1.3862E-06	1.05E-03	1.45E-09	2.00	1.57E-01	4.55E-10	1,000,000	4.55E-04
244	3.2902E-06	1.3553E-06	1.05E-03	1.42E-09	2.00	1.57E-01	4.45E-10	1,000,000	4.45E-04
245	3.2902E-06	1.3245E-06	1.05E-03	1.38E-09	2.00	1.57E-01	4.35E-10	1,000,000	4.35E-04
246	3.2902E-06	1.2942E-06	1.05E-03	1.35E-09	2.00	1.57E-01	4.25E-10	1,000,000	4.25E-04
247	3.2902E-06	1.2637E-06	1.05E-03	1.32E-09	2.00	1.57E-01	4.15E-10	1,000,000	4.15E-04
248	3.2902E-06	1.2336E-06	1.05E-03	1.29E-09	2.00	1.57E-01	4.05E-10	1,000,000	4.05E-04
249	3.2902E-06	1.2037E-06	1.05E-03	1.26E-09	2.00	1.57E-01	3.95E-10	1,000,000	3.95E-04
250	3.2902E-06	1.1744E-06	1.05E-03	1.23E-09	2.00	1.57E-01	3.86E-10	1,000,000	3.86E-04
251	3.2902E-06	1.146E-06	1.05E-03	1.20E-09	2.00	1.57E-01	3.76E-10	1,000,000	3.76E-04
252	3.2902E-06	1.3402E-06	1.05E-03	1.40E-09	2.00	1.57E-01	4.40E-10	1,000,000	4.40E-04
253	3.2902E-06	1.3179E-06	1.05E-03	1.38E-09	2.00	1.57E-01	4.33E-10	1,000,000	4.33E-04
254	3.2902E-06	1.2935E-06	1.05E-03	1.35E-09	2.00	1.57E-01	4.25E-10	1,000,000	4.25E-04
255	3.2902E-06	1.2676E-06	1.05E-03	1.32E-09	2.00	1.57E-01	4.16E-10	1,000,000	4.16E-04
256	3.2902E-06	1.2412E-06	1.05E-03	1.30E-09	2.00	1.57E-01	4.08E-10	1,000,000	4.08E-04
257	3.2902E-06	1.2136E-06	1.05E-03	1.27E-09	2.00	1.57E-01	3.99E-10	1,000,000	3.99E-04
258	3.2902E-06	1.1866E-06	1.05E-03	1.24E-09	2.00	1.57E-01	3.90E-10	1,000,000	3.90E-04
259	3.2902E-06	1.1589E-06	1.05E-03	1.21E-09	2.00	1.57E-01	3.81E-10	1,000,000	3.81E-04
260	3.2902E-06	1.1319E-06	1.05E-03	1.18E-09	2.00	1.57E-01	3.72E-10	1,000,000	3.72E-04
261	3.2902E-06	1.1055E-06	1.05E-03	1.16E-09	2.00	1.57E-01	3.63E-10	1,000,000	3.63E-04
262	3.2902E-06	1.0804E-06	1.05E-03	1.13E-09	2.00	1.57E-01	3.55E-10	1,000,000	3.55E-04
263	3.2902E-06	1.251E-06	1.05E-03	1.31E-09	2.00	1.57E-01	4.11E-10	1,000,000	4.11E-04
264	3.2902E-06	1.2307E-06	1.05E-03	1.29E-09	2.00	1.57E-01	4.04E-10	1,000,000	4.04E-04
265	3.2902E-06	1.2098E-06	1.05E-03	1.26E-09	2.00	1.57E-01	3.97E-10	1,000,000	3.97E-04
266	3.2902E-06	1.187E-06	1.05E-03	1.24E-09	2.00	1.57E-01	3.90E-10	1,000,000	3.90E-04
267	3.2902E-06	1.1637E-06	1.05E-03	1.22E-09	2.00	1.57E-01	3.82E-10	1,000,000	3.82E-04
268	3.2902E-06	1.1393E-06	1.05E-03	1.19E-09	2.00	1.57E-01	3.74E-10	1,000,000	3.74E-04
269	3.2902E-06	1.1154E-06	1.05E-03	1.17E-09	2.00	1.57E-01	3.66E-10	1,000,000	3.66E-04
270	3.2902E-06	1.0908E-06	1.05E-03	1.14E-09	2.00	1.57E-01	3.58E-10	1,000,000	3.58E-04
271	3.2902E-06	1.067E-06	1.05E-03	1.12E-09	2.00	1.57E-01	3.51E-10	1,000,000	3.51E-04
272	3.2902E-06	1.0434E-06	1.05E-03	1.09E-09	2.00	1.57E-01	3.43E-10	1,000,000	3.43E-04
273	3.2902E-06	1.0205E-06	1.05E-03	1.07E-09	2.00	1.57E-01	3.35E-10	1,000,000	3.35E-04
274	3.2902E-06	9.9632E-07	1.05E-03	1.04E-09	2.00	1.57E-01	3.27E-10	1,000,000	3.27E-04
275	3.2902E-06	1.169E-06	1.05E-03	1.22E-09	2.00	1.57E-01	3.84E-10	1,000,000	3.84E-04

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Idle

					Cancer Risk from Birth to 2 years				
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
276	3.2902E-06	1.1522E-06	1.05E-03	1.20E-09	2.00	1.57E-01	3.78E-10	1,000,000	3.78E-04
277	3.2902E-06	1.1336E-06	1.05E-03	1.18E-09	2.00	1.57E-01	3.72E-10	1,000,000	3.72E-04
278	3.2902E-06	1.1137E-06	1.05E-03	1.16E-09	2.00	1.57E-01	3.66E-10	1,000,000	3.66E-04
279	3.2902E-06	1.0931E-06	1.05E-03	1.14E-09	2.00	1.57E-01	3.59E-10	1,000,000	3.59E-04
280	3.2902E-06	1.0717E-06	1.05E-03	1.12E-09	2.00	1.57E-01	3.52E-10	1,000,000	3.52E-04
281	3.2902E-06	1.0497E-06	1.05E-03	1.10E-09	2.00	1.57E-01	3.45E-10	1,000,000	3.45E-04
282	3.2902E-06	1.0283E-06	1.05E-03	1.07E-09	2.00	1.57E-01	3.38E-10	1,000,000	3.38E-04
283	3.2902E-06	1.007E-06	1.05E-03	1.05E-09	2.00	1.57E-01	3.31E-10	1,000,000	3.31E-04
284	3.2902E-06	9.8579E-07	1.05E-03	1.03E-09	2.00	1.57E-01	3.24E-10	1,000,000	3.24E-04
285	3.2902E-06	9.647E-07	1.05E-03	1.01E-09	2.00	1.57E-01	3.17E-10	1,000,000	3.17E-04
286	3.2902E-06	9.439E-07	1.05E-03	9.87E-10	2.00	1.57E-01	3.10E-10	1,000,000	3.10E-04
287	3.2902E-06	1.0949E-06	1.05E-03	1.14E-09	2.00	1.57E-01	3.60E-10	1,000,000	3.60E-04
288	3.2902E-06	1.0802E-06	1.05E-03	1.13E-09	2.00	1.57E-01	3.55E-10	1,000,000	3.55E-04
289	3.2902E-06	1.0637E-06	1.05E-03	1.11E-09	2.00	1.57E-01	3.49E-10	1,000,000	3.49E-04
290	3.2902E-06	1.0464E-06	1.05E-03	1.09E-09	2.00	1.57E-01	3.44E-10	1,000,000	3.44E-04
291	3.2902E-06	1.0281E-06	1.05E-03	1.07E-09	2.00	1.57E-01	3.38E-10	1,000,000	3.38E-04
292	3.2902E-06	1.0097E-06	1.05E-03	1.06E-09	2.00	1.57E-01	3.32E-10	1,000,000	3.32E-04
293	3.2902E-06	9.9049E-07	1.05E-03	1.04E-09	2.00	1.57E-01	3.25E-10	1,000,000	3.25E-04
294	3.2902E-06	9.7154E-07	1.05E-03	1.02E-09	2.00	1.57E-01	3.19E-10	1,000,000	3.19E-04
295	3.2902E-06	9.5262E-07	1.05E-03	9.96E-10	2.00	1.57E-01	3.13E-10	1,000,000	3.13E-04
296	3.2902E-06	9.3361E-07	1.05E-03	9.76E-10	2.00	1.57E-01	3.07E-10	1,000,000	3.07E-04
297	3.2902E-06	9.1439E-07	1.05E-03	9.56E-10	2.00	1.57E-01	3.00E-10	1,000,000	3.00E-04
298	3.2902E-06	8.957E-07	1.05E-03	9.36E-10	2.00	1.57E-01	2.94E-10	1,000,000	2.94E-04
299	3.2902E-06	1.0273E-06	1.05E-03	1.07E-09	2.00	1.57E-01	3.37E-10	1,000,000	3.37E-04
300	3.2902E-06	1.0148E-06	1.05E-03	1.06E-09	2.00	1.57E-01	3.33E-10	1,000,000	3.33E-04
301	3.2902E-06	1.0004E-06	1.05E-03	1.05E-09	2.00	1.57E-01	3.29E-10	1,000,000	3.29E-04
302	3.2902E-06	9.8516E-07	1.05E-03	1.03E-09	2.00	1.57E-01	3.24E-10	1,000,000	3.24E-04
303	3.2902E-06	9.6957E-07	1.05E-03	1.01E-09	2.00	1.57E-01	3.18E-10	1,000,000	3.18E-04
304	3.2902E-06	9.5256E-07	1.05E-03	9.96E-10	2.00	1.57E-01	3.13E-10	1,000,000	3.13E-04
305	3.2902E-06	9.3607E-07	1.05E-03	9.78E-10	2.00	1.57E-01	3.07E-10	1,000,000	3.07E-04
306	3.2902E-06	9.1906E-07	1.05E-03	9.61E-10	2.00	1.57E-01	3.02E-10	1,000,000	3.02E-04
307	3.2902E-06	9.0208E-07	1.05E-03	9.43E-10	2.00	1.57E-01	2.96E-10	1,000,000	2.96E-04
308	3.2902E-06	8.8481E-07	1.05E-03	9.25E-10	2.00	1.57E-01	2.91E-10	1,000,000	2.91E-04

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Idle

					Cancer Risk from Birth to 2 years				
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
309	3.2902E-06	8.6741E-07	1.05E-03	9.07E-10	2.00	1.57E-01	2.85E-10	1,000,000	2.85E-04
310	3.2902E-06	8.5089E-07	1.05E-03	8.89E-10	2.00	1.57E-01	2.80E-10	1,000,000	2.80E-04
311	3.2902E-06	9.6595E-07	1.05E-03	1.01E-09	2.00	1.57E-01	3.17E-10	1,000,000	3.17E-04
312	3.2902E-06	9.5542E-07	1.05E-03	9.99E-10	2.00	1.57E-01	3.14E-10	1,000,000	3.14E-04
313	3.2902E-06	9.4331E-07	1.05E-03	9.86E-10	2.00	1.57E-01	3.10E-10	1,000,000	3.10E-04
314	3.2902E-06	9.2995E-07	1.05E-03	9.72E-10	2.00	1.57E-01	3.05E-10	1,000,000	3.05E-04
315	3.2902E-06	9.1538E-07	1.05E-03	9.57E-10	2.00	1.57E-01	3.01E-10	1,000,000	3.01E-04
316	3.2902E-06	8.6556E-07	1.05E-03	9.05E-10	2.00	1.57E-01	2.84E-10	1,000,000	2.84E-04
317	3.2902E-06	8.606E-07	1.05E-03	8.99E-10	2.00	1.57E-01	2.83E-10	1,000,000	2.83E-04
318	3.2902E-06	8.3796E-07	1.05E-03	8.76E-10	2.00	1.57E-01	2.75E-10	1,000,000	2.75E-04
319	3.2902E-06	8.55E-07	1.05E-03	8.94E-10	2.00	1.57E-01	2.81E-10	1,000,000	2.81E-04
320	3.2902E-06	8.3941E-07	1.05E-03	8.77E-10	2.00	1.57E-01	2.76E-10	1,000,000	2.76E-04
321	3.2902E-06	8.2417E-07	1.05E-03	8.61E-10	2.00	1.57E-01	2.71E-10	1,000,000	2.71E-04
322	3.2902E-06	8.092E-07	1.05E-03	8.46E-10	2.00	1.57E-01	2.66E-10	1,000,000	2.66E-04
323	3.2902E-06	9.0965E-07	1.05E-03	9.51E-10	2.00	1.57E-01	2.99E-10	1,000,000	2.99E-04
324	3.2902E-06	9.0031E-07	1.05E-03	9.41E-10	2.00	1.57E-01	2.96E-10	1,000,000	2.96E-04
325	3.2902E-06	8.8978E-07	1.05E-03	9.30E-10	2.00	1.57E-01	2.92E-10	1,000,000	2.92E-04
326	3.2902E-06	8.4329E-07	1.05E-03	8.81E-10	2.00	1.57E-01	2.77E-10	1,000,000	2.77E-04
327	3.2902E-06	8.5777E-07	1.05E-03	8.97E-10	2.00	1.57E-01	2.82E-10	1,000,000	2.82E-04
328	3.2902E-06	8.197E-07	1.05E-03	8.57E-10	2.00	1.57E-01	2.69E-10	1,000,000	2.69E-04
329	3.2902E-06	8.4059E-07	1.05E-03	8.79E-10	2.00	1.57E-01	2.76E-10	1,000,000	2.76E-04
330	3.2902E-06	7.9436E-07	1.05E-03	8.30E-10	2.00	1.57E-01	2.61E-10	1,000,000	2.61E-04
331	3.2902E-06	7.814E-07	1.05E-03	8.17E-10	2.00	1.57E-01	2.57E-10	1,000,000	2.57E-04
332	3.2902E-06	7.8393E-07	1.05E-03	8.19E-10	2.00	1.57E-01	2.58E-10	1,000,000	2.58E-04
333	3.2902E-06	7.8393E-07	1.05E-03	8.19E-10	2.00	1.57E-01	2.58E-10	1,000,000	2.58E-04
334	3.2902E-06	7.6969E-07	1.05E-03	8.04E-10	2.00	1.57E-01	2.53E-10	1,000,000	2.53E-04
335	3.2902E-06	8.5786E-07	1.05E-03	8.97E-10	2.00	1.57E-01	2.82E-10	1,000,000	2.82E-04
336	3.2902E-06	8.4974E-07	1.05E-03	8.88E-10	2.00	1.57E-01	2.79E-10	1,000,000	2.79E-04
337	3.2902E-06	8.3306E-07	1.05E-03	8.71E-10	2.00	1.57E-01	2.74E-10	1,000,000	2.74E-04
338	3.2902E-06	7.968E-07	1.05E-03	8.33E-10	2.00	1.57E-01	2.62E-10	1,000,000	2.62E-04
339	3.2902E-06	7.8781E-07	1.05E-03	8.23E-10	2.00	1.57E-01	2.59E-10	1,000,000	2.59E-04
340	3.2902E-06	7.7581E-07	1.05E-03	8.11E-10	2.00	1.57E-01	2.55E-10	1,000,000	2.55E-04
341	3.2902E-06	7.9736E-07	1.05E-03	8.33E-10	2.00	1.57E-01	2.62E-10	1,000,000	2.62E-04

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Idle

					Cancer Risk from 2 to 14 years				
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
1	3.2902E-06	7.4823E-06	6.05E-04	4.53E-09	14.00	4.71E-02	2.99E-09	1,000,000	3.0E-03
2	3.2902E-06	3.8932E-06	6.05E-04	2.36E-09	14.00	4.71E-02	1.55E-09	1,000,000	1.55E-03
3	3.2902E-06	4.174E-06	6.05E-04	2.53E-09	14.00	4.71E-02	1.67E-09	1,000,000	1.67E-03
4	3.2902E-06	4.6146E-06	6.05E-04	2.79E-09	14.00	4.71E-02	1.84E-09	1,000,000	1.84E-03
5	3.2902E-06	5.198E-06	6.05E-04	3.15E-09	14.00	4.71E-02	2.08E-09	1,000,000	2.08E-03
6	3.2902E-06	5.6048E-06	6.05E-04	3.39E-09	14.00	4.71E-02	2.24E-09	1,000,000	2.24E-03
7	3.2902E-06	6.4098E-06	6.05E-04	3.88E-09	14.00	4.71E-02	2.56E-09	1,000,000	2.56E-03
8	3.2902E-06	1.3728E-06	6.05E-04	8.31E-10	14.00	4.71E-02	5.48E-10	1,000,000	5.48E-04
9	3.2902E-06	1.3047E-06	6.05E-04	7.89E-10	14.00	4.71E-02	5.21E-10	1,000,000	5.21E-04
10	3.2902E-06	1.2409E-06	6.05E-04	7.51E-10	14.00	4.71E-02	4.96E-10	1,000,000	4.96E-04
11	3.2902E-06	1.1788E-06	6.05E-04	7.13E-10	14.00	4.71E-02	4.71E-10	1,000,000	4.71E-04
12	3.2902E-06	1.1181E-06	6.05E-04	6.77E-10	14.00	4.71E-02	4.47E-10	1,000,000	4.47E-04
13	3.2902E-06	1.0606E-06	6.05E-04	6.42E-10	14.00	4.71E-02	4.24E-10	1,000,000	4.24E-04
14	3.2902E-06	1.0065E-06	6.05E-04	6.09E-10	14.00	4.71E-02	4.02E-10	1,000,000	4.02E-04
15	3.2902E-06	9.5654E-07	6.05E-04	5.79E-10	14.00	4.71E-02	3.82E-10	1,000,000	3.82E-04
16	3.2902E-06	1.4547E-06	6.05E-04	8.80E-10	14.00	4.71E-02	5.81E-10	1,000,000	5.81E-04
17	3.2902E-06	1.3764E-06	6.05E-04	8.33E-10	14.00	4.71E-02	5.50E-10	1,000,000	5.50E-04
18	3.2902E-06	1.3037E-06	6.05E-04	7.89E-10	14.00	4.71E-02	5.21E-10	1,000,000	5.21E-04
19	3.2902E-06	1.234E-06	6.05E-04	7.47E-10	14.00	4.71E-02	4.93E-10	1,000,000	4.93E-04
20	3.2902E-06	1.1671E-06	6.05E-04	7.06E-10	14.00	4.71E-02	4.66E-10	1,000,000	4.66E-04
21	3.2902E-06	1.1056E-06	6.05E-04	6.69E-10	14.00	4.71E-02	4.42E-10	1,000,000	4.42E-04
22	3.2902E-06	1.0485E-06	6.05E-04	6.34E-10	14.00	4.71E-02	4.19E-10	1,000,000	4.19E-04
23	3.2902E-06	9.9523E-07	6.05E-04	6.02E-10	14.00	4.71E-02	3.97E-10	1,000,000	3.97E-04
24	3.2902E-06	1.3693E-06	6.05E-04	8.29E-10	14.00	4.71E-02	5.47E-10	1,000,000	5.47E-04
25	3.2902E-06	1.2925E-06	6.05E-04	7.82E-10	14.00	4.71E-02	5.16E-10	1,000,000	5.16E-04
26	3.2902E-06	1.2195E-06	6.05E-04	7.38E-10	14.00	4.71E-02	4.87E-10	1,000,000	4.87E-04
27	3.2902E-06	1.1541E-06	6.05E-04	6.98E-10	14.00	4.71E-02	4.61E-10	1,000,000	4.61E-04
28	3.2902E-06	1.0945E-06	6.05E-04	6.62E-10	14.00	4.71E-02	4.37E-10	1,000,000	4.37E-04
29	3.2902E-06	1.0387E-06	6.05E-04	6.28E-10	14.00	4.71E-02	4.15E-10	1,000,000	4.15E-04
30	3.2902E-06	1.4392E-06	6.05E-04	8.71E-10	14.00	4.71E-02	5.75E-10	1,000,000	5.75E-04
31	3.2902E-06	1.3566E-06	6.05E-04	8.21E-10	14.00	4.71E-02	5.42E-10	1,000,000	5.42E-04
32	3.2902E-06	1.2784E-06	6.05E-04	7.73E-10	14.00	4.71E-02	5.11E-10	1,000,000	5.11E-04
33	3.2902E-06	1.2097E-06	6.05E-04	7.32E-10	14.00	4.71E-02	4.83E-10	1,000,000	4.83E-04

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Idle

					Cancer Risk from 2 to 14 years				
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
34	3.2902E-06	1.1478E-06	6.05E-04	6.94E-10	14.00	4.71E-02	4.58E-10	1,000,000	4.58E-04
35	3.2902E-06	1.0901E-06	6.05E-04	6.60E-10	14.00	4.71E-02	4.35E-10	1,000,000	4.35E-04
36	3.2902E-06	1.5179E-06	6.05E-04	9.18E-10	14.00	4.71E-02	6.06E-10	1,000,000	6.06E-04
37	3.2902E-06	1.4295E-06	6.05E-04	8.65E-10	14.00	4.71E-02	5.71E-10	1,000,000	5.71E-04
38	3.2902E-06	1.3472E-06	6.05E-04	8.15E-10	14.00	4.71E-02	5.38E-10	1,000,000	5.38E-04
39	3.2902E-06	1.2753E-06	6.05E-04	7.72E-10	14.00	4.71E-02	5.09E-10	1,000,000	5.09E-04
40	3.2902E-06	1.2115E-06	6.05E-04	7.33E-10	14.00	4.71E-02	4.84E-10	1,000,000	4.84E-04
41	3.2902E-06	1.1515E-06	6.05E-04	6.97E-10	14.00	4.71E-02	4.60E-10	1,000,000	4.60E-04
42	3.2902E-06	3.3845E-06	6.05E-04	2.05E-09	14.00	4.71E-02	1.35E-09	1,000,000	1.35E-03
43	3.2902E-06	3.2649E-06	6.05E-04	1.98E-09	14.00	4.71E-02	1.30E-09	1,000,000	1.30E-03
44	3.2902E-06	3.1262E-06	6.05E-04	1.89E-09	14.00	4.71E-02	1.25E-09	1,000,000	1.25E-03
45	3.2902E-06	2.9688E-06	6.05E-04	1.80E-09	14.00	4.71E-02	1.19E-09	1,000,000	1.19E-03
46	3.2902E-06	2.7949E-06	6.05E-04	1.69E-09	14.00	4.71E-02	1.12E-09	1,000,000	1.12E-03
47	3.2902E-06	2.6124E-06	6.05E-04	1.58E-09	14.00	4.71E-02	1.04E-09	1,000,000	1.04E-03
48	3.2902E-06	2.437E-06	6.05E-04	1.47E-09	14.00	4.71E-02	9.73E-10	1,000,000	9.73E-04
49	3.2902E-06	1.6083E-06	6.05E-04	9.73E-10	14.00	4.71E-02	6.42E-10	1,000,000	6.42E-04
50	3.2902E-06	1.5156E-06	6.05E-04	9.17E-10	14.00	4.71E-02	6.05E-10	1,000,000	6.05E-04
51	3.2902E-06	1.4296E-06	6.05E-04	8.65E-10	14.00	4.71E-02	5.71E-10	1,000,000	5.71E-04
52	3.2902E-06	1.3551E-06	6.05E-04	8.20E-10	14.00	4.71E-02	5.41E-10	1,000,000	5.41E-04
53	3.2902E-06	1.2884E-06	6.05E-04	7.80E-10	14.00	4.71E-02	5.15E-10	1,000,000	5.15E-04
54	3.2902E-06	1.2254E-06	6.05E-04	7.41E-10	14.00	4.71E-02	4.89E-10	1,000,000	4.89E-04
55	3.2902E-06	4.1033E-06	6.05E-04	2.48E-09	14.00	4.71E-02	1.64E-09	1,000,000	1.64E-03
56	3.2902E-06	3.9187E-06	6.05E-04	2.37E-09	14.00	4.71E-02	1.56E-09	1,000,000	1.56E-03
57	3.2902E-06	3.7407E-06	6.05E-04	2.26E-09	14.00	4.71E-02	1.49E-09	1,000,000	1.49E-03
58	3.2902E-06	3.5303E-06	6.05E-04	2.14E-09	14.00	4.71E-02	1.41E-09	1,000,000	1.41E-03
59	3.2902E-06	3.313E-06	6.05E-04	2.00E-09	14.00	4.71E-02	1.32E-09	1,000,000	1.32E-03
60	3.2902E-06	3.0869E-06	6.05E-04	1.87E-09	14.00	4.71E-02	1.23E-09	1,000,000	1.23E-03
61	3.2902E-06	2.8545E-06	6.05E-04	1.73E-09	14.00	4.71E-02	1.14E-09	1,000,000	1.14E-03
62	3.2902E-06	2.6384E-06	6.05E-04	1.60E-09	14.00	4.71E-02	1.05E-09	1,000,000	1.05E-03
63	3.2902E-06	2.4425E-06	6.05E-04	1.48E-09	14.00	4.71E-02	9.75E-10	1,000,000	9.75E-04
64	3.2902E-06	1.7168E-06	6.05E-04	1.04E-09	14.00	4.71E-02	6.86E-10	1,000,000	6.86E-04
65	3.2902E-06	1.6208E-06	6.05E-04	9.81E-10	14.00	4.71E-02	6.47E-10	1,000,000	6.47E-04
66	3.2902E-06	1.5322E-06	6.05E-04	9.27E-10	14.00	4.71E-02	6.12E-10	1,000,000	6.12E-04

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Idle

					Cancer Risk from 2 to 14 years				
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
67	3.2902E-06	1.4527E-06	6.05E-04	8.79E-10	14.00	4.71E-02	5.80E-10	1,000,000	5.80E-04
68	3.2902E-06	1.3837E-06	6.05E-04	8.37E-10	14.00	4.71E-02	5.53E-10	1,000,000	5.53E-04
69	3.2902E-06	1.3176E-06	6.05E-04	7.97E-10	14.00	4.71E-02	5.26E-10	1,000,000	5.26E-04
70	3.2902E-06	4.5627E-06	6.05E-04	2.76E-09	14.00	4.71E-02	1.82E-09	1,000,000	1.82E-03
71	3.2902E-06	4.3008E-06	6.05E-04	2.60E-09	14.00	4.71E-02	1.72E-09	1,000,000	1.72E-03
72	3.2902E-06	4.0051E-06	6.05E-04	2.42E-09	14.00	4.71E-02	1.60E-09	1,000,000	1.60E-03
73	3.2902E-06	3.6962E-06	6.05E-04	2.24E-09	14.00	4.71E-02	1.48E-09	1,000,000	1.48E-03
74	3.2902E-06	3.4035E-06	6.05E-04	2.06E-09	14.00	4.71E-02	1.36E-09	1,000,000	1.36E-03
75	3.2902E-06	3.1234E-06	6.05E-04	1.89E-09	14.00	4.71E-02	1.25E-09	1,000,000	1.25E-03
76	3.2902E-06	2.8586E-06	6.05E-04	1.73E-09	14.00	4.71E-02	1.14E-09	1,000,000	1.14E-03
77	3.2902E-06	2.6343E-06	6.05E-04	1.59E-09	14.00	4.71E-02	1.05E-09	1,000,000	1.05E-03
78	3.2902E-06	1.7499E-06	6.05E-04	1.06E-09	14.00	4.71E-02	6.99E-10	1,000,000	6.99E-04
79	3.2902E-06	1.655E-06	6.05E-04	1.00E-09	14.00	4.71E-02	6.61E-10	1,000,000	6.61E-04
80	3.2902E-06	1.5721E-06	6.05E-04	9.51E-10	14.00	4.71E-02	6.28E-10	1,000,000	6.28E-04
81	3.2902E-06	1.4982E-06	6.05E-04	9.07E-10	14.00	4.71E-02	5.98E-10	1,000,000	5.98E-04
82	3.2902E-06	1.4276E-06	6.05E-04	8.64E-10	14.00	4.71E-02	5.70E-10	1,000,000	5.70E-04
83	3.2902E-06	5.3867E-06	6.05E-04	3.26E-09	14.00	4.71E-02	2.15E-09	1,000,000	2.15E-03
84	3.2902E-06	4.9537E-06	6.05E-04	3.00E-09	14.00	4.71E-02	1.98E-09	1,000,000	1.98E-03
85	3.2902E-06	4.5441E-06	6.05E-04	2.75E-09	14.00	4.71E-02	1.81E-09	1,000,000	1.81E-03
86	3.2902E-06	4.1297E-06	6.05E-04	2.50E-09	14.00	4.71E-02	1.65E-09	1,000,000	1.65E-03
87	3.2902E-06	3.7534E-06	6.05E-04	2.27E-09	14.00	4.71E-02	1.50E-09	1,000,000	1.50E-03
88	3.2902E-06	3.4195E-06	6.05E-04	2.07E-09	14.00	4.71E-02	1.37E-09	1,000,000	1.37E-03
89	3.2902E-06	3.1169E-06	6.05E-04	1.89E-09	14.00	4.71E-02	1.24E-09	1,000,000	1.24E-03
90	3.2902E-06	2.8609E-06	6.05E-04	1.73E-09	14.00	4.71E-02	1.14E-09	1,000,000	1.14E-03
91	3.2902E-06	2.6467E-06	6.05E-04	1.60E-09	14.00	4.71E-02	1.06E-09	1,000,000	1.06E-03
92	3.2902E-06	2.0229E-06	6.05E-04	1.22E-09	14.00	4.71E-02	8.08E-10	1,000,000	8.08E-04
93	3.2902E-06	1.9134E-06	6.05E-04	1.16E-09	14.00	4.71E-02	7.64E-10	1,000,000	7.64E-04
94	3.2902E-06	1.8108E-06	6.05E-04	1.10E-09	14.00	4.71E-02	7.23E-10	1,000,000	7.23E-04
95	3.2902E-06	1.7214E-06	6.05E-04	1.04E-09	14.00	4.71E-02	6.87E-10	1,000,000	6.87E-04
96	3.2902E-06	1.6402E-06	6.05E-04	9.92E-10	14.00	4.71E-02	6.55E-10	1,000,000	6.55E-04
97	3.2902E-06	1.5626E-06	6.05E-04	9.46E-10	14.00	4.71E-02	6.24E-10	1,000,000	6.24E-04
98	3.2902E-06	5.7077E-06	6.05E-04	3.45E-09	14.00	4.71E-02	2.28E-09	1,000,000	2.28E-03
99	3.2902E-06	5.1555E-06	6.05E-04	3.12E-09	14.00	4.71E-02	2.06E-09	1,000,000	2.06E-03

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Idle

					Cancer Risk from 2 to 14 years				
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
100	3.2902E-06	4.6337E-06	6.05E-04	2.80E-09	14.00	4.71E-02	1.85E-09	1,000,000	1.85E-03
101	3.2902E-06	4.1554E-06	6.05E-04	2.51E-09	14.00	4.71E-02	1.66E-09	1,000,000	1.66E-03
102	3.2902E-06	3.7706E-06	6.05E-04	2.28E-09	14.00	4.71E-02	1.51E-09	1,000,000	1.51E-03
103	3.2902E-06	3.4379E-06	6.05E-04	2.08E-09	14.00	4.71E-02	1.37E-09	1,000,000	1.37E-03
104	3.2902E-06	3.149E-06	6.05E-04	1.91E-09	14.00	4.71E-02	1.26E-09	1,000,000	1.26E-03
105	3.2902E-06	2.9211E-06	6.05E-04	1.77E-09	14.00	4.71E-02	1.17E-09	1,000,000	1.17E-03
106	3.2902E-06	2.2476E-06	6.05E-04	1.36E-09	14.00	4.71E-02	8.98E-10	1,000,000	8.98E-04
107	3.2902E-06	2.1241E-06	6.05E-04	1.29E-09	14.00	4.71E-02	8.48E-10	1,000,000	8.48E-04
108	3.2902E-06	2.0098E-06	6.05E-04	1.22E-09	14.00	4.71E-02	8.03E-10	1,000,000	8.03E-04
109	3.2902E-06	1.9065E-06	6.05E-04	1.15E-09	14.00	4.71E-02	7.61E-10	1,000,000	7.61E-04
110	3.2902E-06	1.8141E-06	6.05E-04	1.10E-09	14.00	4.71E-02	7.24E-10	1,000,000	7.24E-04
111	3.2902E-06	1.7244E-06	6.05E-04	1.04E-09	14.00	4.71E-02	6.89E-10	1,000,000	6.89E-04
112	3.2902E-06	5.8605E-06	6.05E-04	3.55E-09	14.00	4.71E-02	2.34E-09	1,000,000	2.34E-03
113	3.2902E-06	5.2237E-06	6.05E-04	3.16E-09	14.00	4.71E-02	2.09E-09	1,000,000	2.09E-03
114	3.2902E-06	4.6669E-06	6.05E-04	2.82E-09	14.00	4.71E-02	1.86E-09	1,000,000	1.86E-03
115	3.2902E-06	4.2197E-06	6.05E-04	2.55E-09	14.00	4.71E-02	1.69E-09	1,000,000	1.69E-03
116	3.2902E-06	3.86E-06	6.05E-04	2.34E-09	14.00	4.71E-02	1.54E-09	1,000,000	1.54E-03
117	3.2902E-06	3.543E-06	6.05E-04	2.14E-09	14.00	4.71E-02	1.41E-09	1,000,000	1.41E-03
118	3.2902E-06	3.2835E-06	6.05E-04	1.99E-09	14.00	4.71E-02	1.31E-09	1,000,000	1.31E-03
119	3.2902E-06	3.0685E-06	6.05E-04	1.86E-09	14.00	4.71E-02	1.23E-09	1,000,000	1.23E-03
120	3.2902E-06	2.5429E-06	6.05E-04	1.54E-09	14.00	4.71E-02	1.02E-09	1,000,000	1.02E-03
121	3.2902E-06	2.3902E-06	6.05E-04	1.45E-09	14.00	4.71E-02	9.54E-10	1,000,000	9.54E-04
122	3.2902E-06	2.2597E-06	6.05E-04	1.37E-09	14.00	4.71E-02	9.02E-10	1,000,000	9.02E-04
123	3.2902E-06	2.1367E-06	6.05E-04	1.29E-09	14.00	4.71E-02	8.53E-10	1,000,000	8.53E-04
124	3.2902E-06	2.0249E-06	6.05E-04	1.23E-09	14.00	4.71E-02	8.09E-10	1,000,000	8.09E-04
125	3.2902E-06	1.9199E-06	6.05E-04	1.16E-09	14.00	4.71E-02	7.67E-10	1,000,000	7.67E-04
126	3.2902E-06	6.7312E-06	6.05E-04	4.07E-09	14.00	4.71E-02	2.69E-09	1,000,000	2.69E-03
127	3.2902E-06	5.9811E-06	6.05E-04	3.62E-09	14.00	4.71E-02	2.39E-09	1,000,000	2.39E-03
128	3.2902E-06	5.3699E-06	6.05E-04	3.25E-09	14.00	4.71E-02	2.14E-09	1,000,000	2.14E-03
129	3.2902E-06	4.8431E-06	6.05E-04	2.93E-09	14.00	4.71E-02	1.93E-09	1,000,000	1.93E-03
130	3.2902E-06	4.4407E-06	6.05E-04	2.69E-09	14.00	4.71E-02	1.77E-09	1,000,000	1.77E-03
131	3.2902E-06	4.0915E-06	6.05E-04	2.48E-09	14.00	4.71E-02	1.63E-09	1,000,000	1.63E-03
132	3.2902E-06	3.7777E-06	6.05E-04	2.29E-09	14.00	4.71E-02	1.51E-09	1,000,000	1.51E-03

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Idle

					Cancer Risk from 2 to 14 years				
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
133	3.2902E-06	3.5291E-06	6.05E-04	2.14E-09	14.00	4.71E-02	1.41E-09	1,000,000	1.41E-03
134	3.2902E-06	2.7077E-06	6.05E-04	1.64E-09	14.00	4.71E-02	1.08E-09	1,000,000	1.08E-03
135	3.2902E-06	2.5557E-06	6.05E-04	1.55E-09	14.00	4.71E-02	1.02E-09	1,000,000	1.02E-03
136	3.2902E-06	2.4125E-06	6.05E-04	1.46E-09	14.00	4.71E-02	9.63E-10	1,000,000	9.63E-04
137	3.2902E-06	2.2756E-06	6.05E-04	1.38E-09	14.00	4.71E-02	9.09E-10	1,000,000	9.09E-04
138	3.2902E-06	2.1475E-06	6.05E-04	1.30E-09	14.00	4.71E-02	8.58E-10	1,000,000	8.58E-04
139	3.2902E-06	7.0736E-06	6.05E-04	4.28E-09	14.00	4.71E-02	2.82E-09	1,000,000	2.82E-03
140	3.2902E-06	6.3786E-06	6.05E-04	3.86E-09	14.00	4.71E-02	2.55E-09	1,000,000	2.55E-03
141	3.2902E-06	5.7631E-06	6.05E-04	3.49E-09	14.00	4.71E-02	2.30E-09	1,000,000	2.30E-03
142	3.2902E-06	5.2547E-06	6.05E-04	3.18E-09	14.00	4.71E-02	2.10E-09	1,000,000	2.10E-03
143	3.2902E-06	4.8421E-06	6.05E-04	2.93E-09	14.00	4.71E-02	1.93E-09	1,000,000	1.93E-03
144	3.2902E-06	4.4574E-06	6.05E-04	2.70E-09	14.00	4.71E-02	1.78E-09	1,000,000	1.78E-03
145	3.2902E-06	4.1244E-06	6.05E-04	2.50E-09	14.00	4.71E-02	1.65E-09	1,000,000	1.65E-03
146	3.2902E-06	3.8418E-06	6.05E-04	2.32E-09	14.00	4.71E-02	1.53E-09	1,000,000	1.53E-03
147	3.2902E-06	3.1037E-06	6.05E-04	1.88E-09	14.00	4.71E-02	1.24E-09	1,000,000	1.24E-03
148	3.2902E-06	2.9096E-06	6.05E-04	1.76E-09	14.00	4.71E-02	1.16E-09	1,000,000	1.16E-03
149	3.2902E-06	2.7298E-06	6.05E-04	1.65E-09	14.00	4.71E-02	1.09E-09	1,000,000	1.09E-03
150	3.2902E-06	2.5641E-06	6.05E-04	1.55E-09	14.00	4.71E-02	1.02E-09	1,000,000	1.02E-03
151	3.2902E-06	2.4089E-06	6.05E-04	1.46E-09	14.00	4.71E-02	9.62E-10	1,000,000	9.62E-04
152	3.2902E-06	8.7564E-06	6.05E-04	5.30E-09	14.00	4.71E-02	3.50E-09	1,000,000	3.50E-03
153	3.2902E-06	7.843E-06	6.05E-04	4.75E-09	14.00	4.71E-02	3.13E-09	1,000,000	3.13E-03
154	3.2902E-06	7.0655E-06	6.05E-04	4.28E-09	14.00	4.71E-02	2.82E-09	1,000,000	2.82E-03
155	3.2902E-06	6.3771E-06	6.05E-04	3.86E-09	14.00	4.71E-02	2.55E-09	1,000,000	2.55E-03
156	3.2902E-06	5.8185E-06	6.05E-04	3.52E-09	14.00	4.71E-02	2.32E-09	1,000,000	2.32E-03
157	3.2902E-06	5.3264E-06	6.05E-04	3.22E-09	14.00	4.71E-02	2.13E-09	1,000,000	2.13E-03
158	3.2902E-06	4.8831E-06	6.05E-04	2.95E-09	14.00	4.71E-02	1.95E-09	1,000,000	1.95E-03
159	3.2902E-06	4.493E-06	6.05E-04	2.72E-09	14.00	4.71E-02	1.79E-09	1,000,000	1.79E-03
160	3.2902E-06	4.1393E-06	6.05E-04	2.50E-09	14.00	4.71E-02	1.65E-09	1,000,000	1.65E-03
161	3.2902E-06	3.832E-06	6.05E-04	2.32E-09	14.00	4.71E-02	1.53E-09	1,000,000	1.53E-03
162	3.2902E-06	3.5523E-06	6.05E-04	2.15E-09	14.00	4.71E-02	1.42E-09	1,000,000	1.42E-03
163	3.2902E-06	3.3031E-06	6.05E-04	2.00E-09	14.00	4.71E-02	1.32E-09	1,000,000	1.32E-03
164	3.2902E-06	3.0808E-06	6.05E-04	1.86E-09	14.00	4.71E-02	1.23E-09	1,000,000	1.23E-03
165	3.2902E-06	2.8841E-06	6.05E-04	1.75E-09	14.00	4.71E-02	1.15E-09	1,000,000	1.15E-03

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Idle

	Cancer Risk from 2 to 14 years								
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
166	3.2902E-06	2.699E-06	6.05E-04	1.63E-09	14.00	4.71E-02	1.08E-09	1,000,000	1.08E-03
167	3.2902E-06	9.8806E-06	6.05E-04	5.98E-09	14.00	4.71E-02	3.95E-09	1,000,000	3.95E-03
168	3.2902E-06	8.7893E-06	6.05E-04	5.32E-09	14.00	4.71E-02	3.51E-09	1,000,000	3.51E-03
169	3.2902E-06	7.8355E-06	6.05E-04	4.74E-09	14.00	4.71E-02	3.13E-09	1,000,000	3.13E-03
170	3.2902E-06	7.0229E-06	6.05E-04	4.25E-09	14.00	4.71E-02	2.80E-09	1,000,000	2.80E-03
171	3.2902E-06	6.3481E-06	6.05E-04	3.84E-09	14.00	4.71E-02	2.54E-09	1,000,000	2.54E-03
172	3.2902E-06	5.7534E-06	6.05E-04	3.48E-09	14.00	4.71E-02	2.30E-09	1,000,000	2.30E-03
173	3.2902E-06	5.2287E-06	6.05E-04	3.16E-09	14.00	4.71E-02	2.09E-09	1,000,000	2.09E-03
174	3.2902E-06	4.7705E-06	6.05E-04	2.89E-09	14.00	4.71E-02	1.91E-09	1,000,000	1.91E-03
175	3.2902E-06	4.383E-06	6.05E-04	2.65E-09	14.00	4.71E-02	1.75E-09	1,000,000	1.75E-03
176	3.2902E-06	4.0369E-06	6.05E-04	2.44E-09	14.00	4.71E-02	1.61E-09	1,000,000	1.61E-03
177	3.2902E-06	3.7314E-06	6.05E-04	2.26E-09	14.00	4.71E-02	1.49E-09	1,000,000	1.49E-03
178	3.2902E-06	3.4623E-06	6.05E-04	2.09E-09	14.00	4.71E-02	1.38E-09	1,000,000	1.38E-03
179	3.2902E-06	3.2229E-06	6.05E-04	1.95E-09	14.00	4.71E-02	1.29E-09	1,000,000	1.29E-03
180	3.2902E-06	3.0011E-06	6.05E-04	1.82E-09	14.00	4.71E-02	1.20E-09	1,000,000	1.20E-03
181	3.2902E-06	1.253E-05	6.05E-04	7.58E-09	14.00	4.71E-02	5.00E-09	1,000,000	5.00E-03
182	3.2902E-06	1.0841E-05	6.05E-04	6.56E-09	14.00	4.71E-02	4.33E-09	1,000,000	4.33E-03
183	3.2902E-06	9.5162E-06	6.05E-04	5.76E-09	14.00	4.71E-02	3.80E-09	1,000,000	3.80E-03
184	3.2902E-06	8.4004E-06	6.05E-04	5.08E-09	14.00	4.71E-02	3.35E-09	1,000,000	3.35E-03
185	3.2902E-06	7.4764E-06	6.05E-04	4.52E-09	14.00	4.71E-02	2.99E-09	1,000,000	2.99E-03
186	3.2902E-06	6.6994E-06	6.05E-04	4.05E-09	14.00	4.71E-02	2.68E-09	1,000,000	2.68E-03
187	3.2902E-06	6.0325E-06	6.05E-04	3.65E-09	14.00	4.71E-02	2.41E-09	1,000,000	2.41E-03
188	3.2902E-06	5.4632E-06	6.05E-04	3.31E-09	14.00	4.71E-02	2.18E-09	1,000,000	2.18E-03
189	3.2902E-06	4.975E-06	6.05E-04	3.01E-09	14.00	4.71E-02	1.99E-09	1,000,000	1.99E-03
190	3.2902E-06	4.5503E-06	6.05E-04	2.75E-09	14.00	4.71E-02	1.82E-09	1,000,000	1.82E-03
191	3.2902E-06	4.1783E-06	6.05E-04	2.53E-09	14.00	4.71E-02	1.67E-09	1,000,000	1.67E-03
192	3.2902E-06	3.851E-06	6.05E-04	2.33E-09	14.00	4.71E-02	1.54E-09	1,000,000	1.54E-03
193	3.2902E-06	3.5625E-06	6.05E-04	2.16E-09	14.00	4.71E-02	1.42E-09	1,000,000	1.42E-03
194	3.2902E-06	3.3006E-06	6.05E-04	2.00E-09	14.00	4.71E-02	1.32E-09	1,000,000	1.32E-03
195	3.2902E-06	1.2958E-05	6.05E-04	7.84E-09	14.00	4.71E-02	5.17E-09	1,000,000	5.17E-03
196	3.2902E-06	1.1201E-05	6.05E-04	6.78E-09	14.00	4.71E-02	4.47E-09	1,000,000	4.47E-03
197	3.2902E-06	9.7721E-06	6.05E-04	5.91E-09	14.00	4.71E-02	3.90E-09	1,000,000	3.90E-03
198	3.2902E-06	8.5891E-06	6.05E-04	5.20E-09	14.00	4.71E-02	3.43E-09	1,000,000	3.43E-03

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Idle

					Cancer Risk from 2 to 14 years				
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
199	3.2902E-06	7.6188E-06	6.05E-04	4.61E-09	14.00	4.71E-02	3.04E-09	1,000,000	3.04E-03
200	3.2902E-06	6.8066E-06	6.05E-04	4.12E-09	14.00	4.71E-02	2.72E-09	1,000,000	2.72E-03
201	3.2902E-06	6.1209E-06	6.05E-04	3.70E-09	14.00	4.71E-02	2.44E-09	1,000,000	2.44E-03
202	3.2902E-06	5.5356E-06	6.05E-04	3.35E-09	14.00	4.71E-02	2.21E-09	1,000,000	2.21E-03
203	3.2902E-06	5.0324E-06	6.05E-04	3.04E-09	14.00	4.71E-02	2.01E-09	1,000,000	2.01E-03
204	3.2902E-06	4.5956E-06	6.05E-04	2.78E-09	14.00	4.71E-02	1.84E-09	1,000,000	1.84E-03
205	3.2902E-06	4.2139E-06	6.05E-04	2.55E-09	14.00	4.71E-02	1.68E-09	1,000,000	1.68E-03
206	3.2902E-06	3.8804E-06	6.05E-04	2.35E-09	14.00	4.71E-02	1.55E-09	1,000,000	1.55E-03
207	3.2902E-06	3.5833E-06	6.05E-04	2.17E-09	14.00	4.71E-02	1.43E-09	1,000,000	1.43E-03
208	3.2902E-06	1.264E-05	6.05E-04	7.65E-09	14.00	4.71E-02	5.05E-09	1,000,000	5.05E-03
209	3.2902E-06	1.0935E-05	6.05E-04	6.62E-09	14.00	4.71E-02	4.37E-09	1,000,000	4.37E-03
210	3.2902E-06	9.5563E-06	6.05E-04	5.78E-09	14.00	4.71E-02	3.82E-09	1,000,000	3.82E-03
211	3.2902E-06	8.425E-06	6.05E-04	5.10E-09	14.00	4.71E-02	3.36E-09	1,000,000	3.36E-03
212	3.2902E-06	7.4854E-06	6.05E-04	4.53E-09	14.00	4.71E-02	2.99E-09	1,000,000	2.99E-03
213	3.2902E-06	6.6969E-06	6.05E-04	4.05E-09	14.00	4.71E-02	2.67E-09	1,000,000	2.67E-03
214	3.2902E-06	6.0284E-06	6.05E-04	3.65E-09	14.00	4.71E-02	2.41E-09	1,000,000	2.41E-03
215	3.2902E-06	5.456E-06	6.05E-04	3.30E-09	14.00	4.71E-02	2.18E-09	1,000,000	2.18E-03
216	3.2902E-06	4.9635E-06	6.05E-04	3.00E-09	14.00	4.71E-02	1.98E-09	1,000,000	1.98E-03
217	3.2902E-06	4.5363E-06	6.05E-04	2.74E-09	14.00	4.71E-02	1.81E-09	1,000,000	1.81E-03
218	3.2902E-06	4.1632E-06	6.05E-04	2.52E-09	14.00	4.71E-02	1.66E-09	1,000,000	1.66E-03
219	3.2902E-06	3.8348E-06	6.05E-04	2.32E-09	14.00	4.71E-02	1.53E-09	1,000,000	1.53E-03
220	3.2902E-06	7.993E-06	6.05E-04	4.84E-09	14.00	4.71E-02	3.19E-09	1,000,000	3.19E-03
221	3.2902E-06	7.1377E-06	6.05E-04	4.32E-09	14.00	4.71E-02	2.85E-09	1,000,000	2.85E-03
222	3.2902E-06	6.413E-06	6.05E-04	3.88E-09	14.00	4.71E-02	2.56E-09	1,000,000	2.56E-03
223	3.2902E-06	5.7942E-06	6.05E-04	3.51E-09	14.00	4.71E-02	2.31E-09	1,000,000	2.31E-03
224	3.2902E-06	5.2615E-06	6.05E-04	3.18E-09	14.00	4.71E-02	2.10E-09	1,000,000	2.10E-03
225	3.2902E-06	4.7993E-06	6.05E-04	2.90E-09	14.00	4.71E-02	1.92E-09	1,000,000	1.92E-03
226	3.2902E-06	4.3961E-06	6.05E-04	2.66E-09	14.00	4.71E-02	1.76E-09	1,000,000	1.76E-03
227	3.2902E-06	4.0425E-06	6.05E-04	2.45E-09	14.00	4.71E-02	1.61E-09	1,000,000	1.61E-03
228	3.2902E-06	7.4151E-06	6.05E-04	4.49E-09	14.00	4.71E-02	2.96E-09	1,000,000	2.96E-03
229	3.2902E-06	6.666E-06	6.05E-04	4.03E-09	14.00	4.71E-02	2.66E-09	1,000,000	2.66E-03
230	3.2902E-06	6.0237E-06	6.05E-04	3.64E-09	14.00	4.71E-02	2.41E-09	1,000,000	2.41E-03
231	3.2902E-06	5.4706E-06	6.05E-04	3.31E-09	14.00	4.71E-02	2.18E-09	1,000,000	2.18E-03

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Idle

					Cancer Risk from 2 to 14 years				
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
232	3.2902E-06	4.9885E-06	6.05E-04	3.02E-09	14.00	4.71E-02	1.99E-09	1,000,000	1.99E-03
233	3.2902E-06	4.5681E-06	6.05E-04	2.76E-09	14.00	4.71E-02	1.82E-09	1,000,000	1.82E-03
234	3.2902E-06	4.1993E-06	6.05E-04	2.54E-09	14.00	4.71E-02	1.68E-09	1,000,000	1.68E-03
235	3.2902E-06	1.3648E-05	6.05E-04	8.26E-09	14.00	4.71E-02	5.45E-09	1,000,000	5.45E-03
236	3.2902E-06	1.2641E-05	6.05E-04	7.65E-09	14.00	4.71E-02	5.05E-09	1,000,000	5.05E-03
237	3.2902E-06	1.0957E-05	6.05E-04	6.63E-09	14.00	4.71E-02	4.38E-09	1,000,000	4.38E-03
238	3.2902E-06	9.5984E-06	6.05E-04	5.81E-09	14.00	4.71E-02	3.83E-09	1,000,000	3.83E-03
239	3.2902E-06	1.1346E-05	6.05E-04	6.87E-09	14.00	4.71E-02	4.53E-09	1,000,000	4.53E-03
240	3.2902E-06	9.9566E-06	6.05E-04	6.02E-09	14.00	4.71E-02	3.98E-09	1,000,000	3.98E-03
241	3.2902E-06	8.7992E-06	6.05E-04	5.32E-09	14.00	4.71E-02	3.51E-09	1,000,000	3.51E-03
242	3.2902E-06	7.8383E-06	6.05E-04	4.74E-09	14.00	4.71E-02	3.13E-09	1,000,000	3.13E-03

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Idle

					Cancer Risk from 2 to 14 years				
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
243	3.2902E-06	1.3862E-06	6.05E-04	8.39E-10	14.00	4.71E-02	5.54E-10	1,000,000	5.54E-04
244	3.2902E-06	1.3553E-06	6.05E-04	8.20E-10	14.00	4.71E-02	5.41E-10	1,000,000	5.41E-04
245	3.2902E-06	1.3245E-06	6.05E-04	8.01E-10	14.00	4.71E-02	5.29E-10	1,000,000	5.29E-04
246	3.2902E-06	1.2942E-06	6.05E-04	7.83E-10	14.00	4.71E-02	5.17E-10	1,000,000	5.17E-04
247	3.2902E-06	1.2637E-06	6.05E-04	7.65E-10	14.00	4.71E-02	5.05E-10	1,000,000	5.05E-04
248	3.2902E-06	1.2336E-06	6.05E-04	7.46E-10	14.00	4.71E-02	4.93E-10	1,000,000	4.93E-04
249	3.2902E-06	1.2037E-06	6.05E-04	7.28E-10	14.00	4.71E-02	4.81E-10	1,000,000	4.81E-04
250	3.2902E-06	1.1744E-06	6.05E-04	7.11E-10	14.00	4.71E-02	4.69E-10	1,000,000	4.69E-04
251	3.2902E-06	1.146E-06	6.05E-04	6.93E-10	14.00	4.71E-02	4.58E-10	1,000,000	4.58E-04
252	3.2902E-06	1.3402E-06	6.05E-04	8.11E-10	14.00	4.71E-02	5.35E-10	1,000,000	5.35E-04
253	3.2902E-06	1.3179E-06	6.05E-04	7.97E-10	14.00	4.71E-02	5.26E-10	1,000,000	5.26E-04
254	3.2902E-06	1.2935E-06	6.05E-04	7.83E-10	14.00	4.71E-02	5.17E-10	1,000,000	5.17E-04
255	3.2902E-06	1.2676E-06	6.05E-04	7.67E-10	14.00	4.71E-02	5.06E-10	1,000,000	5.06E-04
256	3.2902E-06	1.2412E-06	6.05E-04	7.51E-10	14.00	4.71E-02	4.96E-10	1,000,000	4.96E-04
257	3.2902E-06	1.2136E-06	6.05E-04	7.34E-10	14.00	4.71E-02	4.85E-10	1,000,000	4.85E-04
258	3.2902E-06	1.1866E-06	6.05E-04	7.18E-10	14.00	4.71E-02	4.74E-10	1,000,000	4.74E-04
259	3.2902E-06	1.1589E-06	6.05E-04	7.01E-10	14.00	4.71E-02	4.63E-10	1,000,000	4.63E-04
260	3.2902E-06	1.1319E-06	6.05E-04	6.85E-10	14.00	4.71E-02	4.52E-10	1,000,000	4.52E-04
261	3.2902E-06	1.1055E-06	6.05E-04	6.69E-10	14.00	4.71E-02	4.41E-10	1,000,000	4.41E-04
262	3.2902E-06	1.0804E-06	6.05E-04	6.54E-10	14.00	4.71E-02	4.31E-10	1,000,000	4.31E-04
263	3.2902E-06	1.251E-06	6.05E-04	7.57E-10	14.00	4.71E-02	5.00E-10	1,000,000	5.00E-04
264	3.2902E-06	1.2307E-06	6.05E-04	7.45E-10	14.00	4.71E-02	4.91E-10	1,000,000	4.91E-04
265	3.2902E-06	1.2098E-06	6.05E-04	7.32E-10	14.00	4.71E-02	4.83E-10	1,000,000	4.83E-04
266	3.2902E-06	1.187E-06	6.05E-04	7.18E-10	14.00	4.71E-02	4.74E-10	1,000,000	4.74E-04
267	3.2902E-06	1.1637E-06	6.05E-04	7.04E-10	14.00	4.71E-02	4.65E-10	1,000,000	4.65E-04
268	3.2902E-06	1.1393E-06	6.05E-04	6.89E-10	14.00	4.71E-02	4.55E-10	1,000,000	4.55E-04
269	3.2902E-06	1.1154E-06	6.05E-04	6.75E-10	14.00	4.71E-02	4.45E-10	1,000,000	4.45E-04
270	3.2902E-06	1.0908E-06	6.05E-04	6.60E-10	14.00	4.71E-02	4.36E-10	1,000,000	4.36E-04
271	3.2902E-06	1.067E-06	6.05E-04	6.46E-10	14.00	4.71E-02	4.26E-10	1,000,000	4.26E-04
272	3.2902E-06	1.0434E-06	6.05E-04	6.31E-10	14.00	4.71E-02	4.17E-10	1,000,000	4.17E-04
273	3.2902E-06	1.0205E-06	6.05E-04	6.17E-10	14.00	4.71E-02	4.08E-10	1,000,000	4.08E-04
274	3.2902E-06	9.9632E-07	6.05E-04	6.03E-10	14.00	4.71E-02	3.98E-10	1,000,000	3.98E-04
275	3.2902E-06	1.169E-06	6.05E-04	7.07E-10	14.00	4.71E-02	4.67E-10	1,000,000	4.67E-04

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Idle

					Cancer Risk from 2 to 14 years				
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
276	3.2902E-06	1.1522E-06	6.05E-04	6.97E-10	14.00	4.71E-02	4.60E-10	1,000,000	4.60E-04
277	3.2902E-06	1.1336E-06	6.05E-04	6.86E-10	14.00	4.71E-02	4.53E-10	1,000,000	4.53E-04
278	3.2902E-06	1.1137E-06	6.05E-04	6.74E-10	14.00	4.71E-02	4.45E-10	1,000,000	4.45E-04
279	3.2902E-06	1.0931E-06	6.05E-04	6.61E-10	14.00	4.71E-02	4.37E-10	1,000,000	4.37E-04
280	3.2902E-06	1.0717E-06	6.05E-04	6.48E-10	14.00	4.71E-02	4.28E-10	1,000,000	4.28E-04
281	3.2902E-06	1.0497E-06	6.05E-04	6.35E-10	14.00	4.71E-02	4.19E-10	1,000,000	4.19E-04
282	3.2902E-06	1.0283E-06	6.05E-04	6.22E-10	14.00	4.71E-02	4.11E-10	1,000,000	4.11E-04
283	3.2902E-06	1.007E-06	6.05E-04	6.09E-10	14.00	4.71E-02	4.02E-10	1,000,000	4.02E-04
284	3.2902E-06	9.8579E-07	6.05E-04	5.96E-10	14.00	4.71E-02	3.94E-10	1,000,000	3.94E-04
285	3.2902E-06	9.647E-07	6.05E-04	5.84E-10	14.00	4.71E-02	3.85E-10	1,000,000	3.85E-04
286	3.2902E-06	9.439E-07	6.05E-04	5.71E-10	14.00	4.71E-02	3.77E-10	1,000,000	3.77E-04
287	3.2902E-06	1.0949E-06	6.05E-04	6.62E-10	14.00	4.71E-02	4.37E-10	1,000,000	4.37E-04
288	3.2902E-06	1.0802E-06	6.05E-04	6.54E-10	14.00	4.71E-02	4.31E-10	1,000,000	4.31E-04
289	3.2902E-06	1.0637E-06	6.05E-04	6.44E-10	14.00	4.71E-02	4.25E-10	1,000,000	4.25E-04
290	3.2902E-06	1.0464E-06	6.05E-04	6.33E-10	14.00	4.71E-02	4.18E-10	1,000,000	4.18E-04
291	3.2902E-06	1.0281E-06	6.05E-04	6.22E-10	14.00	4.71E-02	4.11E-10	1,000,000	4.11E-04
292	3.2902E-06	1.0097E-06	6.05E-04	6.11E-10	14.00	4.71E-02	4.03E-10	1,000,000	4.03E-04
293	3.2902E-06	9.9049E-07	6.05E-04	5.99E-10	14.00	4.71E-02	3.96E-10	1,000,000	3.96E-04
294	3.2902E-06	9.7154E-07	6.05E-04	5.88E-10	14.00	4.71E-02	3.88E-10	1,000,000	3.88E-04
295	3.2902E-06	9.5262E-07	6.05E-04	5.76E-10	14.00	4.71E-02	3.80E-10	1,000,000	3.80E-04
296	3.2902E-06	9.3361E-07	6.05E-04	5.65E-10	14.00	4.71E-02	3.73E-10	1,000,000	3.73E-04
297	3.2902E-06	9.1439E-07	6.05E-04	5.53E-10	14.00	4.71E-02	3.65E-10	1,000,000	3.65E-04
298	3.2902E-06	8.957E-07	6.05E-04	5.42E-10	14.00	4.71E-02	3.58E-10	1,000,000	3.58E-04
299	3.2902E-06	1.0273E-06	6.05E-04	6.22E-10	14.00	4.71E-02	4.10E-10	1,000,000	4.10E-04
300	3.2902E-06	1.0148E-06	6.05E-04	6.14E-10	14.00	4.71E-02	4.05E-10	1,000,000	4.05E-04
301	3.2902E-06	1.0004E-06	6.05E-04	6.05E-10	14.00	4.71E-02	4.00E-10	1,000,000	4.00E-04
302	3.2902E-06	9.8516E-07	6.05E-04	5.96E-10	14.00	4.71E-02	3.93E-10	1,000,000	3.93E-04
303	3.2902E-06	9.6957E-07	6.05E-04	5.87E-10	14.00	4.71E-02	3.87E-10	1,000,000	3.87E-04
304	3.2902E-06	9.5256E-07	6.05E-04	5.76E-10	14.00	4.71E-02	3.80E-10	1,000,000	3.80E-04
305	3.2902E-06	9.3607E-07	6.05E-04	5.66E-10	14.00	4.71E-02	3.74E-10	1,000,000	3.74E-04
306	3.2902E-06	9.1906E-07	6.05E-04	5.56E-10	14.00	4.71E-02	3.67E-10	1,000,000	3.67E-04
307	3.2902E-06	9.0208E-07	6.05E-04	5.46E-10	14.00	4.71E-02	3.60E-10	1,000,000	3.60E-04
308	3.2902E-06	8.8481E-07	6.05E-04	5.35E-10	14.00	4.71E-02	3.53E-10	1,000,000	3.53E-04

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Idle

					Cancer Risk from 2 to 14 years				
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
309	3.2902E-06	8.6741E-07	6.05E-04	5.25E-10	14.00	4.71E-02	3.46E-10	1,000,000	3.46E-04
310	3.2902E-06	8.5089E-07	6.05E-04	5.15E-10	14.00	4.71E-02	3.40E-10	1,000,000	3.40E-04
311	3.2902E-06	9.6595E-07	6.05E-04	5.84E-10	14.00	4.71E-02	3.86E-10	1,000,000	3.86E-04
312	3.2902E-06	9.5542E-07	6.05E-04	5.78E-10	14.00	4.71E-02	3.82E-10	1,000,000	3.82E-04
313	3.2902E-06	9.4331E-07	6.05E-04	5.71E-10	14.00	4.71E-02	3.77E-10	1,000,000	3.77E-04
314	3.2902E-06	9.2995E-07	6.05E-04	5.63E-10	14.00	4.71E-02	3.71E-10	1,000,000	3.71E-04
315	3.2902E-06	9.1538E-07	6.05E-04	5.54E-10	14.00	4.71E-02	3.66E-10	1,000,000	3.66E-04
316	3.2902E-06	8.6556E-07	6.05E-04	5.24E-10	14.00	4.71E-02	3.46E-10	1,000,000	3.46E-04
317	3.2902E-06	8.606E-07	6.05E-04	5.21E-10	14.00	4.71E-02	3.44E-10	1,000,000	3.44E-04
318	3.2902E-06	8.3796E-07	6.05E-04	5.07E-10	14.00	4.71E-02	3.35E-10	1,000,000	3.35E-04
319	3.2902E-06	8.55E-07	6.05E-04	5.17E-10	14.00	4.71E-02	3.41E-10	1,000,000	3.41E-04
320	3.2902E-06	8.3941E-07	6.05E-04	5.08E-10	14.00	4.71E-02	3.35E-10	1,000,000	3.35E-04
321	3.2902E-06	8.2417E-07	6.05E-04	4.99E-10	14.00	4.71E-02	3.29E-10	1,000,000	3.29E-04
322	3.2902E-06	8.092E-07	6.05E-04	4.90E-10	14.00	4.71E-02	3.23E-10	1,000,000	3.23E-04
323	3.2902E-06	9.0965E-07	6.05E-04	5.50E-10	14.00	4.71E-02	3.63E-10	1,000,000	3.63E-04
324	3.2902E-06	9.0031E-07	6.05E-04	5.45E-10	14.00	4.71E-02	3.60E-10	1,000,000	3.60E-04
325	3.2902E-06	8.8978E-07	6.05E-04	5.38E-10	14.00	4.71E-02	3.55E-10	1,000,000	3.55E-04
326	3.2902E-06	8.4329E-07	6.05E-04	5.10E-10	14.00	4.71E-02	3.37E-10	1,000,000	3.37E-04
327	3.2902E-06	8.5777E-07	6.05E-04	5.19E-10	14.00	4.71E-02	3.43E-10	1,000,000	3.43E-04
328	3.2902E-06	8.197E-07	6.05E-04	4.96E-10	14.00	4.71E-02	3.27E-10	1,000,000	3.27E-04
329	3.2902E-06	8.4059E-07	6.05E-04	5.09E-10	14.00	4.71E-02	3.36E-10	1,000,000	3.36E-04
330	3.2902E-06	7.9436E-07	6.05E-04	4.81E-10	14.00	4.71E-02	3.17E-10	1,000,000	3.17E-04
331	3.2902E-06	7.814E-07	6.05E-04	4.73E-10	14.00	4.71E-02	3.12E-10	1,000,000	3.12E-04
332	3.2902E-06	7.8393E-07	6.05E-04	4.74E-10	14.00	4.71E-02	3.13E-10	1,000,000	3.13E-04
333	3.2902E-06	7.8393E-07	6.05E-04	4.74E-10	14.00	4.71E-02	3.13E-10	1,000,000	3.13E-04
334	3.2902E-06	7.6969E-07	6.05E-04	4.66E-10	14.00	4.71E-02	3.07E-10	1,000,000	3.07E-04
335	3.2902E-06	8.5786E-07	6.05E-04	5.19E-10	14.00	4.71E-02	3.43E-10	1,000,000	3.43E-04
336	3.2902E-06	8.4974E-07	6.05E-04	5.14E-10	14.00	4.71E-02	3.39E-10	1,000,000	3.39E-04
337	3.2902E-06	8.3306E-07	6.05E-04	5.04E-10	14.00	4.71E-02	3.33E-10	1,000,000	3.33E-04
338	3.2902E-06	7.968E-07	6.05E-04	4.82E-10	14.00	4.71E-02	3.18E-10	1,000,000	3.18E-04
339	3.2902E-06	7.8781E-07	6.05E-04	4.77E-10	14.00	4.71E-02	3.15E-10	1,000,000	3.15E-04
340	3.2902E-06	7.7581E-07	6.05E-04	4.69E-10	14.00	4.71E-02	3.10E-10	1,000,000	3.10E-04
341	3.2902E-06	7.9736E-07	6.05E-04	4.82E-10	14.00	4.71E-02	3.18E-10	1,000,000	3.18E-04

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Idle

	Cancer Risk 14 to 30 years												
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million	Total Risk		Max	Receptor #
1	3.29E-06	7.4823E-06	2.50E-04	1.87E-09	1.40E+01	1.15E-02	3.01E-10	1.0E+06	3.0E-04	5.8E-03	Res	0.011	1
2	3.2902E-06	3.8932E-06	2.50E-04	9.74E-10	14.00	1.15E-02	1.56E-10	1,000,000	1.56E-04	3.0E-03			
3	3.2902E-06	4.174E-06	2.50E-04	1.04E-09	14.00	1.15E-02	1.68E-10	1,000,000	1.68E-04	3.3E-03			
4	3.2902E-06	4.6146E-06	2.50E-04	1.15E-09	14.00	1.15E-02	1.85E-10	1,000,000	1.85E-04	3.6E-03			
5	3.2902E-06	5.198E-06	2.50E-04	1.30E-09	14.00	1.15E-02	2.09E-10	1,000,000	2.09E-04	4.1E-03			
6	3.2902E-06	5.6048E-06	2.50E-04	1.40E-09	14.00	1.15E-02	2.25E-10	1,000,000	2.25E-04	4.4E-03			
7	3.2902E-06	6.4098E-06	2.50E-04	1.60E-09	14.00	1.15E-02	2.58E-10	1,000,000	2.58E-04	5.0E-03			
8	3.2902E-06	1.3728E-06	2.50E-04	3.44E-10	14.00	1.15E-02	5.52E-11	1,000,000	5.52E-05	1.1E-03			
9	3.2902E-06	1.3047E-06	2.50E-04	3.27E-10	14.00	1.15E-02	5.24E-11	1,000,000	5.24E-05	1.0E-03			
10	3.2902E-06	1.2409E-06	2.50E-04	3.11E-10	14.00	1.15E-02	4.99E-11	1,000,000	4.99E-05	9.7E-04			
11	3.2902E-06	1.1788E-06	2.50E-04	2.95E-10	14.00	1.15E-02	4.74E-11	1,000,000	4.74E-05	9.2E-04			
12	3.2902E-06	1.1181E-06	2.50E-04	2.80E-10	14.00	1.15E-02	4.49E-11	1,000,000	4.49E-05	8.7E-04			
13	3.2902E-06	1.0606E-06	2.50E-04	2.65E-10	14.00	1.15E-02	4.26E-11	1,000,000	4.26E-05	8.3E-04			
14	3.2902E-06	1.0065E-06	2.50E-04	2.52E-10	14.00	1.15E-02	4.05E-11	1,000,000	4.05E-05	7.9E-04			
15	3.2902E-06	9.5654E-07	2.50E-04	2.39E-10	14.00	1.15E-02	3.84E-11	1,000,000	3.84E-05	7.5E-04			
16	3.2902E-06	1.4547E-06	2.50E-04	3.64E-10	14.00	1.15E-02	5.85E-11	1,000,000	5.85E-05	1.1E-03			
17	3.2902E-06	1.3764E-06	2.50E-04	3.44E-10	14.00	1.15E-02	5.53E-11	1,000,000	5.53E-05	1.1E-03			
18	3.2902E-06	1.3037E-06	2.50E-04	3.26E-10	14.00	1.15E-02	5.24E-11	1,000,000	5.24E-05	1.0E-03			
19	3.2902E-06	1.234E-06	2.50E-04	3.09E-10	14.00	1.15E-02	4.96E-11	1,000,000	4.96E-05	9.6E-04			
20	3.2902E-06	1.1671E-06	2.50E-04	2.92E-10	14.00	1.15E-02	4.69E-11	1,000,000	4.69E-05	9.1E-04			
21	3.2902E-06	1.1056E-06	2.50E-04	2.77E-10	14.00	1.15E-02	4.44E-11	1,000,000	4.44E-05	8.6E-04			
22	3.2902E-06	1.0485E-06	2.50E-04	2.62E-10	14.00	1.15E-02	4.21E-11	1,000,000	4.21E-05	8.2E-04			
23	3.2902E-06	9.9523E-07	2.50E-04	2.49E-10	14.00	1.15E-02	4.00E-11	1,000,000	4.00E-05	7.8E-04			
24	3.2902E-06	1.3693E-06	2.50E-04	3.43E-10	14.00	1.15E-02	5.50E-11	1,000,000	5.50E-05	1.1E-03			
25	3.2902E-06	1.2925E-06	2.50E-04	3.23E-10	14.00	1.15E-02	5.20E-11	1,000,000	5.20E-05	1.0E-03			
26	3.2902E-06	1.2195E-06	2.50E-04	3.05E-10	14.00	1.15E-02	4.90E-11	1,000,000	4.90E-05	9.5E-04			
27	3.2902E-06	1.1541E-06	2.50E-04	2.89E-10	14.00	1.15E-02	4.64E-11	1,000,000	4.64E-05	9.0E-04			
28	3.2902E-06	1.0945E-06	2.50E-04	2.74E-10	14.00	1.15E-02	4.40E-11	1,000,000	4.40E-05	8.6E-04			
29	3.2902E-06	1.0387E-06	2.50E-04	2.60E-10	14.00	1.15E-02	4.17E-11	1,000,000	4.17E-05	8.1E-04			
30	3.2902E-06	1.4392E-06	2.50E-04	3.60E-10	14.00	1.15E-02	5.78E-11	1,000,000	5.78E-05	1.1E-03			
31	3.2902E-06	1.3566E-06	2.50E-04	3.40E-10	14.00	1.15E-02	5.45E-11	1,000,000	5.45E-05	1.1E-03			
32	3.2902E-06	1.2784E-06	2.50E-04	3.20E-10	14.00	1.15E-02	5.14E-11	1,000,000	5.14E-05	1.0E-03			
33	3.2902E-06	1.2097E-06	2.50E-04	3.03E-10	14.00	1.15E-02	4.86E-11	1,000,000	4.86E-05	9.5E-04			

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Idle

	Cancer Risk 14 to 30 years												
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million	Total Risk		Max	Receptor #
34	3.2902E-06	1.1478E-06	2.50E-04	2.87E-10	14.00	1.15E-02	4.61E-11	1,000,000	4.61E-05	9.0E-04			
35	3.2902E-06	1.0901E-06	2.50E-04	2.73E-10	14.00	1.15E-02	4.38E-11	1,000,000	4.38E-05	8.5E-04			
36	3.2902E-06	1.5179E-06	2.50E-04	3.80E-10	14.00	1.15E-02	6.10E-11	1,000,000	6.10E-05	1.2E-03			
37	3.2902E-06	1.4295E-06	2.50E-04	3.58E-10	14.00	1.15E-02	5.75E-11	1,000,000	5.75E-05	1.1E-03			
38	3.2902E-06	1.3472E-06	2.50E-04	3.37E-10	14.00	1.15E-02	5.41E-11	1,000,000	5.41E-05	1.1E-03			
39	3.2902E-06	1.2753E-06	2.50E-04	3.19E-10	14.00	1.15E-02	5.13E-11	1,000,000	5.13E-05	1.0E-03			
40	3.2902E-06	1.2115E-06	2.50E-04	3.03E-10	14.00	1.15E-02	4.87E-11	1,000,000	4.87E-05	9.5E-04			
41	3.2902E-06	1.1515E-06	2.50E-04	2.88E-10	14.00	1.15E-02	4.63E-11	1,000,000	4.63E-05	9.0E-04			
42	3.2902E-06	3.3845E-06	2.50E-04	8.47E-10	14.00	1.15E-02	1.36E-10	1,000,000	1.36E-04	2.6E-03			
43	3.2902E-06	3.2649E-06	2.50E-04	8.17E-10	14.00	1.15E-02	1.31E-10	1,000,000	1.31E-04	2.6E-03			
44	3.2902E-06	3.1262E-06	2.50E-04	7.82E-10	14.00	1.15E-02	1.26E-10	1,000,000	1.26E-04	2.4E-03			
45	3.2902E-06	2.9688E-06	2.50E-04	7.43E-10	14.00	1.15E-02	1.19E-10	1,000,000	1.19E-04	2.3E-03			
46	3.2902E-06	2.7949E-06	2.50E-04	6.99E-10	14.00	1.15E-02	1.12E-10	1,000,000	1.12E-04	2.2E-03			
47	3.2902E-06	2.6124E-06	2.50E-04	6.54E-10	14.00	1.15E-02	1.05E-10	1,000,000	1.05E-04	2.0E-03			
48	3.2902E-06	2.437E-06	2.50E-04	6.10E-10	14.00	1.15E-02	9.80E-11	1,000,000	9.80E-05	1.9E-03			
49	3.2902E-06	1.6083E-06	2.50E-04	4.03E-10	14.00	1.15E-02	6.46E-11	1,000,000	6.46E-05	1.3E-03			
50	3.2902E-06	1.5156E-06	2.50E-04	3.79E-10	14.00	1.15E-02	6.09E-11	1,000,000	6.09E-05	1.2E-03			
51	3.2902E-06	1.4296E-06	2.50E-04	3.58E-10	14.00	1.15E-02	5.75E-11	1,000,000	5.75E-05	1.1E-03			
52	3.2902E-06	1.3551E-06	2.50E-04	3.39E-10	14.00	1.15E-02	5.45E-11	1,000,000	5.45E-05	1.1E-03			
53	3.2902E-06	1.2884E-06	2.50E-04	3.22E-10	14.00	1.15E-02	5.18E-11	1,000,000	5.18E-05	1.0E-03			
54	3.2902E-06	1.2254E-06	2.50E-04	3.07E-10	14.00	1.15E-02	4.93E-11	1,000,000	4.93E-05	9.6E-04			
55	3.2902E-06	4.1033E-06	2.50E-04	1.03E-09	14.00	1.15E-02	1.65E-10	1,000,000	1.65E-04	3.2E-03			
56	3.2902E-06	3.9187E-06	2.50E-04	9.81E-10	14.00	1.15E-02	1.58E-10	1,000,000	1.58E-04	3.1E-03			
57	3.2902E-06	3.7407E-06	2.50E-04	9.36E-10	14.00	1.15E-02	1.50E-10	1,000,000	1.50E-04	2.9E-03			
58	3.2902E-06	3.5303E-06	2.50E-04	8.84E-10	14.00	1.15E-02	1.42E-10	1,000,000	1.42E-04	2.8E-03			
59	3.2902E-06	3.313E-06	2.50E-04	8.29E-10	14.00	1.15E-02	1.33E-10	1,000,000	1.33E-04	2.6E-03			
60	3.2902E-06	3.0869E-06	2.50E-04	7.73E-10	14.00	1.15E-02	1.24E-10	1,000,000	1.24E-04	2.4E-03			
61	3.2902E-06	2.8545E-06	2.50E-04	7.14E-10	14.00	1.15E-02	1.15E-10	1,000,000	1.15E-04	2.2E-03			
62	3.2902E-06	2.6384E-06	2.50E-04	6.60E-10	14.00	1.15E-02	1.06E-10	1,000,000	1.06E-04	2.1E-03			
63	3.2902E-06	2.4425E-06	2.50E-04	6.11E-10	14.00	1.15E-02	9.82E-11	1,000,000	9.82E-05	1.9E-03			
64	3.2902E-06	1.7168E-06	2.50E-04	4.30E-10	14.00	1.15E-02	6.90E-11	1,000,000	6.90E-05	1.3E-03			
65	3.2902E-06	1.6208E-06	2.50E-04	4.06E-10	14.00	1.15E-02	6.51E-11	1,000,000	6.51E-05	1.3E-03			
66	3.2902E-06	1.5322E-06	2.50E-04	3.83E-10	14.00	1.15E-02	6.16E-11	1,000,000	6.16E-05	1.2E-03			

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Idle

	Cancer Risk 14 to 30 years												
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million	Total Risk		Max	Receptor #
67	3.2902E-06	1.4527E-06	2.50E-04	3.64E-10	14.00	1.15E-02	5.84E-11	1,000,000	5.84E-05	1.1E-03			
68	3.2902E-06	1.3837E-06	2.50E-04	3.46E-10	14.00	1.15E-02	5.56E-11	1,000,000	5.56E-05	1.1E-03			
69	3.2902E-06	1.3176E-06	2.50E-04	3.30E-10	14.00	1.15E-02	5.30E-11	1,000,000	5.30E-05	1.0E-03			
70	3.2902E-06	4.5627E-06	2.50E-04	1.14E-09	14.00	1.15E-02	1.83E-10	1,000,000	1.83E-04	3.6E-03			
71	3.2902E-06	4.3008E-06	2.50E-04	1.08E-09	14.00	1.15E-02	1.73E-10	1,000,000	1.73E-04	3.4E-03			
72	3.2902E-06	4.0051E-06	2.50E-04	1.00E-09	14.00	1.15E-02	1.61E-10	1,000,000	1.61E-04	3.1E-03			
73	3.2902E-06	3.6962E-06	2.50E-04	9.25E-10	14.00	1.15E-02	1.49E-10	1,000,000	1.49E-04	2.9E-03			
74	3.2902E-06	3.4035E-06	2.50E-04	8.52E-10	14.00	1.15E-02	1.37E-10	1,000,000	1.37E-04	2.7E-03			
75	3.2902E-06	3.1234E-06	2.50E-04	7.82E-10	14.00	1.15E-02	1.26E-10	1,000,000	1.26E-04	2.4E-03			
76	3.2902E-06	2.8586E-06	2.50E-04	7.15E-10	14.00	1.15E-02	1.15E-10	1,000,000	1.15E-04	2.2E-03			
77	3.2902E-06	2.6343E-06	2.50E-04	6.59E-10	14.00	1.15E-02	1.06E-10	1,000,000	1.06E-04	2.1E-03			
78	3.2902E-06	1.7499E-06	2.50E-04	4.38E-10	14.00	1.15E-02	7.03E-11	1,000,000	7.03E-05	1.4E-03			
79	3.2902E-06	1.655E-06	2.50E-04	4.14E-10	14.00	1.15E-02	6.65E-11	1,000,000	6.65E-05	1.3E-03			
80	3.2902E-06	1.5721E-06	2.50E-04	3.93E-10	14.00	1.15E-02	6.32E-11	1,000,000	6.32E-05	1.2E-03			
81	3.2902E-06	1.4982E-06	2.50E-04	3.75E-10	14.00	1.15E-02	6.02E-11	1,000,000	6.02E-05	1.2E-03			
82	3.2902E-06	1.4276E-06	2.50E-04	3.57E-10	14.00	1.15E-02	5.74E-11	1,000,000	5.74E-05	1.1E-03			
83	3.2902E-06	5.3867E-06	2.50E-04	1.35E-09	14.00	1.15E-02	2.17E-10	1,000,000	2.17E-04	4.2E-03			
84	3.2902E-06	4.9537E-06	2.50E-04	1.24E-09	14.00	1.15E-02	1.99E-10	1,000,000	1.99E-04	3.9E-03			
85	3.2902E-06	4.5441E-06	2.50E-04	1.14E-09	14.00	1.15E-02	1.83E-10	1,000,000	1.83E-04	3.6E-03			
86	3.2902E-06	4.1297E-06	2.50E-04	1.03E-09	14.00	1.15E-02	1.66E-10	1,000,000	1.66E-04	3.2E-03			
87	3.2902E-06	3.7534E-06	2.50E-04	9.39E-10	14.00	1.15E-02	1.51E-10	1,000,000	1.51E-04	2.9E-03			
88	3.2902E-06	3.4195E-06	2.50E-04	8.56E-10	14.00	1.15E-02	1.37E-10	1,000,000	1.37E-04	2.7E-03			
89	3.2902E-06	3.1169E-06	2.50E-04	7.80E-10	14.00	1.15E-02	1.25E-10	1,000,000	1.25E-04	2.4E-03			
90	3.2902E-06	2.8609E-06	2.50E-04	7.16E-10	14.00	1.15E-02	1.15E-10	1,000,000	1.15E-04	2.2E-03			
91	3.2902E-06	2.6467E-06	2.50E-04	6.62E-10	14.00	1.15E-02	1.06E-10	1,000,000	1.06E-04	2.1E-03			
92	3.2902E-06	2.0229E-06	2.50E-04	5.06E-10	14.00	1.15E-02	8.13E-11	1,000,000	8.13E-05	1.6E-03			
93	3.2902E-06	1.9134E-06	2.50E-04	4.79E-10	14.00	1.15E-02	7.69E-11	1,000,000	7.69E-05	1.5E-03			
94	3.2902E-06	1.8108E-06	2.50E-04	4.53E-10	14.00	1.15E-02	7.28E-11	1,000,000	7.28E-05	1.4E-03			
95	3.2902E-06	1.7214E-06	2.50E-04	4.31E-10	14.00	1.15E-02	6.92E-11	1,000,000	6.92E-05	1.3E-03			
96	3.2902E-06	1.6402E-06	2.50E-04	4.10E-10	14.00	1.15E-02	6.59E-11	1,000,000	6.59E-05	1.3E-03			
97	3.2902E-06	1.5626E-06	2.50E-04	3.91E-10	14.00	1.15E-02	6.28E-11	1,000,000	6.28E-05	1.2E-03			
98	3.2902E-06	5.7077E-06	2.50E-04	1.43E-09	14.00	1.15E-02	2.29E-10	1,000,000	2.29E-04	4.5E-03			
99	3.2902E-06	5.1555E-06	2.50E-04	1.29E-09	14.00	1.15E-02	2.07E-10	1,000,000	2.07E-04	4.0E-03			

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Idle

	Cancer Risk 14 to 30 years												
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million	Total Risk		Max	Receptor #
100	3.2902E-06	4.6337E-06	2.50E-04	1.16E-09	14.00	1.15E-02	1.86E-10	1,000,000	1.86E-04	3.6E-03			
101	3.2902E-06	4.1554E-06	2.50E-04	1.04E-09	14.00	1.15E-02	1.67E-10	1,000,000	1.67E-04	3.2E-03			
102	3.2902E-06	3.7706E-06	2.50E-04	9.44E-10	14.00	1.15E-02	1.52E-10	1,000,000	1.52E-04	2.9E-03			
103	3.2902E-06	3.4379E-06	2.50E-04	8.60E-10	14.00	1.15E-02	1.38E-10	1,000,000	1.38E-04	2.7E-03			
104	3.2902E-06	3.149E-06	2.50E-04	7.88E-10	14.00	1.15E-02	1.27E-10	1,000,000	1.27E-04	2.5E-03			
105	3.2902E-06	2.9211E-06	2.50E-04	7.31E-10	14.00	1.15E-02	1.17E-10	1,000,000	1.17E-04	2.3E-03			
106	3.2902E-06	2.2476E-06	2.50E-04	5.63E-10	14.00	1.15E-02	9.03E-11	1,000,000	9.03E-05	1.8E-03			
107	3.2902E-06	2.1241E-06	2.50E-04	5.32E-10	14.00	1.15E-02	8.54E-11	1,000,000	8.54E-05	1.7E-03			
108	3.2902E-06	2.0098E-06	2.50E-04	5.03E-10	14.00	1.15E-02	8.08E-11	1,000,000	8.08E-05	1.6E-03			
109	3.2902E-06	1.9065E-06	2.50E-04	4.77E-10	14.00	1.15E-02	7.66E-11	1,000,000	7.66E-05	1.5E-03			
110	3.2902E-06	1.8141E-06	2.50E-04	4.54E-10	14.00	1.15E-02	7.29E-11	1,000,000	7.29E-05	1.4E-03			
111	3.2902E-06	1.7244E-06	2.50E-04	4.32E-10	14.00	1.15E-02	6.93E-11	1,000,000	6.93E-05	1.3E-03			
112	3.2902E-06	5.8605E-06	2.50E-04	1.47E-09	14.00	1.15E-02	2.36E-10	1,000,000	2.36E-04	4.6E-03			
113	3.2902E-06	5.2237E-06	2.50E-04	1.31E-09	14.00	1.15E-02	2.10E-10	1,000,000	2.10E-04	4.1E-03			
114	3.2902E-06	4.6669E-06	2.50E-04	1.17E-09	14.00	1.15E-02	1.88E-10	1,000,000	1.88E-04	3.6E-03			
115	3.2902E-06	4.2197E-06	2.50E-04	1.06E-09	14.00	1.15E-02	1.70E-10	1,000,000	1.70E-04	3.3E-03			
116	3.2902E-06	3.86E-06	2.50E-04	9.66E-10	14.00	1.15E-02	1.55E-10	1,000,000	1.55E-04	3.0E-03			
117	3.2902E-06	3.543E-06	2.50E-04	8.87E-10	14.00	1.15E-02	1.42E-10	1,000,000	1.42E-04	2.8E-03			
118	3.2902E-06	3.2835E-06	2.50E-04	8.22E-10	14.00	1.15E-02	1.32E-10	1,000,000	1.32E-04	2.6E-03			
119	3.2902E-06	3.0685E-06	2.50E-04	7.68E-10	14.00	1.15E-02	1.23E-10	1,000,000	1.23E-04	2.4E-03			
120	3.2902E-06	2.5429E-06	2.50E-04	6.36E-10	14.00	1.15E-02	1.02E-10	1,000,000	1.02E-04	2.0E-03			
121	3.2902E-06	2.3902E-06	2.50E-04	5.98E-10	14.00	1.15E-02	9.61E-11	1,000,000	9.61E-05	1.9E-03			
122	3.2902E-06	2.2597E-06	2.50E-04	5.66E-10	14.00	1.15E-02	9.08E-11	1,000,000	9.08E-05	1.8E-03			
123	3.2902E-06	2.1367E-06	2.50E-04	5.35E-10	14.00	1.15E-02	8.59E-11	1,000,000	8.59E-05	1.7E-03			
124	3.2902E-06	2.0249E-06	2.50E-04	5.07E-10	14.00	1.15E-02	8.14E-11	1,000,000	8.14E-05	1.6E-03			
125	3.2902E-06	1.9199E-06	2.50E-04	4.80E-10	14.00	1.15E-02	7.72E-11	1,000,000	7.72E-05	1.5E-03			
126	3.2902E-06	6.7312E-06	2.50E-04	1.68E-09	14.00	1.15E-02	2.71E-10	1,000,000	2.71E-04	5.3E-03			
127	3.2902E-06	5.9811E-06	2.50E-04	1.50E-09	14.00	1.15E-02	2.40E-10	1,000,000	2.40E-04	4.7E-03			
128	3.2902E-06	5.3699E-06	2.50E-04	1.34E-09	14.00	1.15E-02	2.16E-10	1,000,000	2.16E-04	4.2E-03			
129	3.2902E-06	4.8431E-06	2.50E-04	1.21E-09	14.00	1.15E-02	1.95E-10	1,000,000	1.95E-04	3.8E-03			
130	3.2902E-06	4.4407E-06	2.50E-04	1.11E-09	14.00	1.15E-02	1.78E-10	1,000,000	1.78E-04	3.5E-03			
131	3.2902E-06	4.0915E-06	2.50E-04	1.02E-09	14.00	1.15E-02	1.64E-10	1,000,000	1.64E-04	3.2E-03			
132	3.2902E-06	3.7777E-06	2.50E-04	9.45E-10	14.00	1.15E-02	1.52E-10	1,000,000	1.52E-04	3.0E-03			

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Idle

	Cancer Risk 14 to 30 years												
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million	Total Risk		Max	Receptor #
133	3.2902E-06	3.5291E-06	2.50E-04	8.83E-10	14.00	1.15E-02	1.42E-10	1,000,000	1.42E-04	2.8E-03			
134	3.2902E-06	2.7077E-06	2.50E-04	6.78E-10	14.00	1.15E-02	1.09E-10	1,000,000	1.09E-04	2.1E-03			
135	3.2902E-06	2.5557E-06	2.50E-04	6.40E-10	14.00	1.15E-02	1.03E-10	1,000,000	1.03E-04	2.0E-03			
136	3.2902E-06	2.4125E-06	2.50E-04	6.04E-10	14.00	1.15E-02	9.70E-11	1,000,000	9.70E-05	1.9E-03			
137	3.2902E-06	2.2756E-06	2.50E-04	5.70E-10	14.00	1.15E-02	9.15E-11	1,000,000	9.15E-05	1.8E-03			
138	3.2902E-06	2.1475E-06	2.50E-04	5.37E-10	14.00	1.15E-02	8.63E-11	1,000,000	8.63E-05	1.7E-03			
139	3.2902E-06	7.0736E-06	2.50E-04	1.77E-09	14.00	1.15E-02	2.84E-10	1,000,000	2.84E-04	5.5E-03			
140	3.2902E-06	6.3786E-06	2.50E-04	1.60E-09	14.00	1.15E-02	2.56E-10	1,000,000	2.56E-04	5.0E-03			
141	3.2902E-06	5.7631E-06	2.50E-04	1.44E-09	14.00	1.15E-02	2.32E-10	1,000,000	2.32E-04	4.5E-03			
142	3.2902E-06	5.2547E-06	2.50E-04	1.32E-09	14.00	1.15E-02	2.11E-10	1,000,000	2.11E-04	4.1E-03			
143	3.2902E-06	4.8421E-06	2.50E-04	1.21E-09	14.00	1.15E-02	1.95E-10	1,000,000	1.95E-04	3.8E-03			
144	3.2902E-06	4.4574E-06	2.50E-04	1.12E-09	14.00	1.15E-02	1.79E-10	1,000,000	1.79E-04	3.5E-03			
145	3.2902E-06	4.1244E-06	2.50E-04	1.03E-09	14.00	1.15E-02	1.66E-10	1,000,000	1.66E-04	3.2E-03			
146	3.2902E-06	3.8418E-06	2.50E-04	9.62E-10	14.00	1.15E-02	1.54E-10	1,000,000	1.54E-04	3.0E-03			
147	3.2902E-06	3.1037E-06	2.50E-04	7.77E-10	14.00	1.15E-02	1.25E-10	1,000,000	1.25E-04	2.4E-03			
148	3.2902E-06	2.9096E-06	2.50E-04	7.28E-10	14.00	1.15E-02	1.17E-10	1,000,000	1.17E-04	2.3E-03			
149	3.2902E-06	2.7298E-06	2.50E-04	6.83E-10	14.00	1.15E-02	1.10E-10	1,000,000	1.10E-04	2.1E-03			
150	3.2902E-06	2.5641E-06	2.50E-04	6.42E-10	14.00	1.15E-02	1.03E-10	1,000,000	1.03E-04	2.0E-03			
151	3.2902E-06	2.4089E-06	2.50E-04	6.03E-10	14.00	1.15E-02	9.68E-11	1,000,000	9.68E-05	1.9E-03			
152	3.2902E-06	8.7564E-06	2.50E-04	2.19E-09	14.00	1.15E-02	3.52E-10	1,000,000	3.52E-04	6.8E-03			
153	3.2902E-06	7.843E-06	2.50E-04	1.96E-09	14.00	1.15E-02	3.15E-10	1,000,000	3.15E-04	6.1E-03			
154	3.2902E-06	7.0655E-06	2.50E-04	1.77E-09	14.00	1.15E-02	2.84E-10	1,000,000	2.84E-04	5.5E-03			
155	3.2902E-06	6.3771E-06	2.50E-04	1.60E-09	14.00	1.15E-02	2.56E-10	1,000,000	2.56E-04	5.0E-03			
156	3.2902E-06	5.8185E-06	2.50E-04	1.46E-09	14.00	1.15E-02	2.34E-10	1,000,000	2.34E-04	4.5E-03			
157	3.2902E-06	5.3264E-06	2.50E-04	1.33E-09	14.00	1.15E-02	2.14E-10	1,000,000	2.14E-04	4.2E-03			
158	3.2902E-06	4.8831E-06	2.50E-04	1.22E-09	14.00	1.15E-02	1.96E-10	1,000,000	1.96E-04	3.8E-03			
159	3.2902E-06	4.493E-06	2.50E-04	1.12E-09	14.00	1.15E-02	1.81E-10	1,000,000	1.81E-04	3.5E-03			
160	3.2902E-06	4.1393E-06	2.50E-04	1.04E-09	14.00	1.15E-02	1.66E-10	1,000,000	1.66E-04	3.2E-03			
161	3.2902E-06	3.832E-06	2.50E-04	9.59E-10	14.00	1.15E-02	1.54E-10	1,000,000	1.54E-04	3.0E-03			
162	3.2902E-06	3.5523E-06	2.50E-04	8.89E-10	14.00	1.15E-02	1.43E-10	1,000,000	1.43E-04	2.8E-03			
163	3.2902E-06	3.3031E-06	2.50E-04	8.27E-10	14.00	1.15E-02	1.33E-10	1,000,000	1.33E-04	2.6E-03			
164	3.2902E-06	3.0808E-06	2.50E-04	7.71E-10	14.00	1.15E-02	1.24E-10	1,000,000	1.24E-04	2.4E-03			
165	3.2902E-06	2.8841E-06	2.50E-04	7.22E-10	14.00	1.15E-02	1.16E-10	1,000,000	1.16E-04	2.3E-03			

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Idle

	Cancer Risk 14 to 30 years												
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million	Total Risk		Max	Receptor #
166	3.2902E-06	2.699E-06	2.50E-04	6.76E-10	14.00	1.15E-02	1.08E-10	1,000,000	1.08E-04	2.1E-03			
167	3.2902E-06	9.8806E-06	2.50E-04	2.47E-09	14.00	1.15E-02	3.97E-10	1,000,000	3.97E-04	7.7E-03			
168	3.2902E-06	8.7893E-06	2.50E-04	2.20E-09	14.00	1.15E-02	3.53E-10	1,000,000	3.53E-04	6.9E-03			
169	3.2902E-06	7.8355E-06	2.50E-04	1.96E-09	14.00	1.15E-02	3.15E-10	1,000,000	3.15E-04	6.1E-03			
170	3.2902E-06	7.0229E-06	2.50E-04	1.76E-09	14.00	1.15E-02	2.82E-10	1,000,000	2.82E-04	5.5E-03			
171	3.2902E-06	6.3481E-06	2.50E-04	1.59E-09	14.00	1.15E-02	2.55E-10	1,000,000	2.55E-04	5.0E-03			
172	3.2902E-06	5.7534E-06	2.50E-04	1.44E-09	14.00	1.15E-02	2.31E-10	1,000,000	2.31E-04	4.5E-03			
173	3.2902E-06	5.2287E-06	2.50E-04	1.31E-09	14.00	1.15E-02	2.10E-10	1,000,000	2.10E-04	4.1E-03			
174	3.2902E-06	4.7705E-06	2.50E-04	1.19E-09	14.00	1.15E-02	1.92E-10	1,000,000	1.92E-04	3.7E-03			
175	3.2902E-06	4.383E-06	2.50E-04	1.10E-09	14.00	1.15E-02	1.76E-10	1,000,000	1.76E-04	3.4E-03			
176	3.2902E-06	4.0369E-06	2.50E-04	1.01E-09	14.00	1.15E-02	1.62E-10	1,000,000	1.62E-04	3.2E-03			
177	3.2902E-06	3.7314E-06	2.50E-04	9.34E-10	14.00	1.15E-02	1.50E-10	1,000,000	1.50E-04	2.9E-03			
178	3.2902E-06	3.4623E-06	2.50E-04	8.67E-10	14.00	1.15E-02	1.39E-10	1,000,000	1.39E-04	2.7E-03			
179	3.2902E-06	3.2229E-06	2.50E-04	8.07E-10	14.00	1.15E-02	1.30E-10	1,000,000	1.30E-04	2.5E-03			
180	3.2902E-06	3.0011E-06	2.50E-04	7.51E-10	14.00	1.15E-02	1.21E-10	1,000,000	1.21E-04	2.3E-03			
181	3.2902E-06	1.253E-05	2.50E-04	3.14E-09	14.00	1.15E-02	5.04E-10	1,000,000	5.04E-04	9.8E-03			
182	3.2902E-06	1.0841E-05	2.50E-04	2.71E-09	14.00	1.15E-02	4.36E-10	1,000,000	4.36E-04	8.5E-03			
183	3.2902E-06	9.5162E-06	2.50E-04	2.38E-09	14.00	1.15E-02	3.82E-10	1,000,000	3.82E-04	7.4E-03			
184	3.2902E-06	8.4004E-06	2.50E-04	2.10E-09	14.00	1.15E-02	3.38E-10	1,000,000	3.38E-04	6.6E-03			
185	3.2902E-06	7.4764E-06	2.50E-04	1.87E-09	14.00	1.15E-02	3.01E-10	1,000,000	3.01E-04	5.8E-03			
186	3.2902E-06	6.6994E-06	2.50E-04	1.68E-09	14.00	1.15E-02	2.69E-10	1,000,000	2.69E-04	5.2E-03			
187	3.2902E-06	6.0325E-06	2.50E-04	1.51E-09	14.00	1.15E-02	2.42E-10	1,000,000	2.42E-04	4.7E-03			
188	3.2902E-06	5.4632E-06	2.50E-04	1.37E-09	14.00	1.15E-02	2.20E-10	1,000,000	2.20E-04	4.3E-03			
189	3.2902E-06	4.975E-06	2.50E-04	1.25E-09	14.00	1.15E-02	2.00E-10	1,000,000	2.00E-04	3.9E-03			
190	3.2902E-06	4.5503E-06	2.50E-04	1.14E-09	14.00	1.15E-02	1.83E-10	1,000,000	1.83E-04	3.6E-03			
191	3.2902E-06	4.1783E-06	2.50E-04	1.05E-09	14.00	1.15E-02	1.68E-10	1,000,000	1.68E-04	3.3E-03			
192	3.2902E-06	3.851E-06	2.50E-04	9.64E-10	14.00	1.15E-02	1.55E-10	1,000,000	1.55E-04	3.0E-03			
193	3.2902E-06	3.5625E-06	2.50E-04	8.92E-10	14.00	1.15E-02	1.43E-10	1,000,000	1.43E-04	2.8E-03			
194	3.2902E-06	3.3006E-06	2.50E-04	8.26E-10	14.00	1.15E-02	1.33E-10	1,000,000	1.33E-04	2.6E-03			
195	3.2902E-06	1.2958E-05	2.50E-04	3.24E-09	14.00	1.15E-02	5.21E-10	1,000,000	5.21E-04	1.0E-02			
196	3.2902E-06	1.1201E-05	2.50E-04	2.80E-09	14.00	1.15E-02	4.50E-10	1,000,000	4.50E-04	8.8E-03			
197	3.2902E-06	9.7721E-06	2.50E-04	2.45E-09	14.00	1.15E-02	3.93E-10	1,000,000	3.93E-04	7.6E-03			
198	3.2902E-06	8.5891E-06	2.50E-04	2.15E-09	14.00	1.15E-02	3.45E-10	1,000,000	3.45E-04	6.7E-03			

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Idle

	Cancer Risk 14 to 30 years												
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million	Total Risk		Max	Receptor #
199	3.2902E-06	7.6188E-06	2.50E-04	1.91E-09	14.00	1.15E-02	3.06E-10	1,000,000	3.06E-04	6.0E-03			
200	3.2902E-06	6.8066E-06	2.50E-04	1.70E-09	14.00	1.15E-02	2.74E-10	1,000,000	2.74E-04	5.3E-03			
201	3.2902E-06	6.1209E-06	2.50E-04	1.53E-09	14.00	1.15E-02	2.46E-10	1,000,000	2.46E-04	4.8E-03			
202	3.2902E-06	5.5356E-06	2.50E-04	1.39E-09	14.00	1.15E-02	2.22E-10	1,000,000	2.22E-04	4.3E-03			
203	3.2902E-06	5.0324E-06	2.50E-04	1.26E-09	14.00	1.15E-02	2.02E-10	1,000,000	2.02E-04	3.9E-03			
204	3.2902E-06	4.5956E-06	2.50E-04	1.15E-09	14.00	1.15E-02	1.85E-10	1,000,000	1.85E-04	3.6E-03			
205	3.2902E-06	4.2139E-06	2.50E-04	1.05E-09	14.00	1.15E-02	1.69E-10	1,000,000	1.69E-04	3.3E-03			
206	3.2902E-06	3.8804E-06	2.50E-04	9.71E-10	14.00	1.15E-02	1.56E-10	1,000,000	1.56E-04	3.0E-03			
207	3.2902E-06	3.5833E-06	2.50E-04	8.97E-10	14.00	1.15E-02	1.44E-10	1,000,000	1.44E-04	2.8E-03			
208	3.2902E-06	1.264E-05	2.50E-04	3.16E-09	14.00	1.15E-02	5.08E-10	1,000,000	5.08E-04	9.9E-03			
209	3.2902E-06	1.0935E-05	2.50E-04	2.74E-09	14.00	1.15E-02	4.40E-10	1,000,000	4.40E-04	8.5E-03			
210	3.2902E-06	9.5563E-06	2.50E-04	2.39E-09	14.00	1.15E-02	3.84E-10	1,000,000	3.84E-04	7.5E-03			
211	3.2902E-06	8.425E-06	2.50E-04	2.11E-09	14.00	1.15E-02	3.39E-10	1,000,000	3.39E-04	6.6E-03			
212	3.2902E-06	7.4854E-06	2.50E-04	1.87E-09	14.00	1.15E-02	3.01E-10	1,000,000	3.01E-04	5.9E-03			
213	3.2902E-06	6.6969E-06	2.50E-04	1.68E-09	14.00	1.15E-02	2.69E-10	1,000,000	2.69E-04	5.2E-03			
214	3.2902E-06	6.0284E-06	2.50E-04	1.51E-09	14.00	1.15E-02	2.42E-10	1,000,000	2.42E-04	4.7E-03			
215	3.2902E-06	5.456E-06	2.50E-04	1.37E-09	14.00	1.15E-02	2.19E-10	1,000,000	2.19E-04	4.3E-03			
216	3.2902E-06	4.9635E-06	2.50E-04	1.24E-09	14.00	1.15E-02	2.00E-10	1,000,000	2.00E-04	3.9E-03			
217	3.2902E-06	4.5363E-06	2.50E-04	1.14E-09	14.00	1.15E-02	1.82E-10	1,000,000	1.82E-04	3.5E-03			
218	3.2902E-06	4.1632E-06	2.50E-04	1.04E-09	14.00	1.15E-02	1.67E-10	1,000,000	1.67E-04	3.3E-03			
219	3.2902E-06	3.8348E-06	2.50E-04	9.60E-10	14.00	1.15E-02	1.54E-10	1,000,000	1.54E-04	3.0E-03			
220	3.2902E-06	7.993E-06	2.50E-04	2.00E-09	14.00	1.15E-02	3.21E-10	1,000,000	3.21E-04	6.2E-03			
221	3.2902E-06	7.1377E-06	2.50E-04	1.79E-09	14.00	1.15E-02	2.87E-10	1,000,000	2.87E-04	5.6E-03			
222	3.2902E-06	6.413E-06	2.50E-04	1.61E-09	14.00	1.15E-02	2.58E-10	1,000,000	2.58E-04	5.0E-03			
223	3.2902E-06	5.7942E-06	2.50E-04	1.45E-09	14.00	1.15E-02	2.33E-10	1,000,000	2.33E-04	4.5E-03			
224	3.2902E-06	5.2615E-06	2.50E-04	1.32E-09	14.00	1.15E-02	2.11E-10	1,000,000	2.11E-04	4.1E-03			
225	3.2902E-06	4.7993E-06	2.50E-04	1.20E-09	14.00	1.15E-02	1.93E-10	1,000,000	1.93E-04	3.8E-03			
226	3.2902E-06	4.3961E-06	2.50E-04	1.10E-09	14.00	1.15E-02	1.77E-10	1,000,000	1.77E-04	3.4E-03			
227	3.2902E-06	4.0425E-06	2.50E-04	1.01E-09	14.00	1.15E-02	1.62E-10	1,000,000	1.62E-04	3.2E-03			
228	3.2902E-06	7.4151E-06	2.50E-04	1.86E-09	14.00	1.15E-02	2.98E-10	1,000,000	2.98E-04	5.8E-03			
229	3.2902E-06	6.666E-06	2.50E-04	1.67E-09	14.00	1.15E-02	2.68E-10	1,000,000	2.68E-04	5.2E-03			
230	3.2902E-06	6.0237E-06	2.50E-04	1.51E-09	14.00	1.15E-02	2.42E-10	1,000,000	2.42E-04	4.7E-03			
231	3.2902E-06	5.4706E-06	2.50E-04	1.37E-09	14.00	1.15E-02	2.20E-10	1,000,000	2.20E-04	4.3E-03			

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Idle

	Cancer Risk 14 to 30 years												
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million	Total Risk		Max	Receptor #
232	3.2902E-06	4.9885E-06	2.50E-04	1.25E-09	14.00	1.15E-02	2.01E-10	1,000,000	2.01E-04	3.9E-03			
233	3.2902E-06	4.5681E-06	2.50E-04	1.14E-09	14.00	1.15E-02	1.84E-10	1,000,000	1.84E-04	3.6E-03			
234	3.2902E-06	4.1993E-06	2.50E-04	1.05E-09	14.00	1.15E-02	1.69E-10	1,000,000	1.69E-04	3.3E-03			
235	3.2902E-06	1.3648E-05	2.50E-04	3.42E-09	14.00	1.15E-02	5.49E-10	1,000,000	5.49E-04	1.1E-02			
236	3.2902E-06	1.2641E-05	2.50E-04	3.16E-09	14.00	1.15E-02	5.08E-10	1,000,000	5.08E-04	9.9E-03			
237	3.2902E-06	1.0957E-05	2.50E-04	2.74E-09	14.00	1.15E-02	4.40E-10	1,000,000	4.40E-04	8.6E-03			
238	3.2902E-06	9.5984E-06	2.50E-04	2.40E-09	14.00	1.15E-02	3.86E-10	1,000,000	3.86E-04	7.5E-03			
239	3.2902E-06	1.1346E-05	2.50E-04	2.84E-09	14.00	1.15E-02	4.56E-10	1,000,000	4.56E-04	8.9E-03			
240	3.2902E-06	9.9566E-06	2.50E-04	2.49E-09	14.00	1.15E-02	4.00E-10	1,000,000	4.00E-04	7.8E-03			
241	3.2902E-06	8.7992E-06	2.50E-04	2.20E-09	14.00	1.15E-02	3.54E-10	1,000,000	3.54E-04	6.9E-03			
242	3.2902E-06	7.8383E-06	2.50E-04	1.96E-09	14.00	1.15E-02	3.15E-10	1,000,000	3.15E-04	6.1E-03			

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Idle

	Cancer Risk 14 to 30 years												
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million	Total Risk		Max	Receptor #
243	3.2902E-06	1.3862E-06	2.50E-04	3.47E-10	14.00	1.15E-02	5.57E-11	1,000,000	5.57E-05	1.1E-03			
244	3.2902E-06	1.3553E-06	2.50E-04	3.39E-10	14.00	1.15E-02	5.45E-11	1,000,000	5.45E-05	1.1E-03			
245	3.2902E-06	1.3245E-06	2.50E-04	3.31E-10	14.00	1.15E-02	5.32E-11	1,000,000	5.32E-05	1.0E-03			
246	3.2902E-06	1.2942E-06	2.50E-04	3.24E-10	14.00	1.15E-02	5.20E-11	1,000,000	5.20E-05	1.0E-03			
247	3.2902E-06	1.2637E-06	2.50E-04	3.16E-10	14.00	1.15E-02	5.08E-11	1,000,000	5.08E-05	9.9E-04			
248	3.2902E-06	1.2336E-06	2.50E-04	3.09E-10	14.00	1.15E-02	4.96E-11	1,000,000	4.96E-05	9.6E-04			
249	3.2902E-06	1.2037E-06	2.50E-04	3.01E-10	14.00	1.15E-02	4.84E-11	1,000,000	4.84E-05	9.4E-04			
250	3.2902E-06	1.1744E-06	2.50E-04	2.94E-10	14.00	1.15E-02	4.72E-11	1,000,000	4.72E-05	9.2E-04			
251	3.2902E-06	1.146E-06	2.50E-04	2.87E-10	14.00	1.15E-02	4.61E-11	1,000,000	4.61E-05	9.0E-04			
252	3.2902E-06	1.3402E-06	2.50E-04	3.35E-10	14.00	1.15E-02	5.39E-11	1,000,000	5.39E-05	1.0E-03			
253	3.2902E-06	1.3179E-06	2.50E-04	3.30E-10	14.00	1.15E-02	5.30E-11	1,000,000	5.30E-05	1.0E-03			
254	3.2902E-06	1.2935E-06	2.50E-04	3.24E-10	14.00	1.15E-02	5.20E-11	1,000,000	5.20E-05	1.0E-03			
255	3.2902E-06	1.2676E-06	2.50E-04	3.17E-10	14.00	1.15E-02	5.10E-11	1,000,000	5.10E-05	9.9E-04			
256	3.2902E-06	1.2412E-06	2.50E-04	3.11E-10	14.00	1.15E-02	4.99E-11	1,000,000	4.99E-05	9.7E-04			
257	3.2902E-06	1.2136E-06	2.50E-04	3.04E-10	14.00	1.15E-02	4.88E-11	1,000,000	4.88E-05	9.5E-04			
258	3.2902E-06	1.1866E-06	2.50E-04	2.97E-10	14.00	1.15E-02	4.77E-11	1,000,000	4.77E-05	9.3E-04			
259	3.2902E-06	1.1589E-06	2.50E-04	2.90E-10	14.00	1.15E-02	4.66E-11	1,000,000	4.66E-05	9.1E-04			
260	3.2902E-06	1.1319E-06	2.50E-04	2.83E-10	14.00	1.15E-02	4.55E-11	1,000,000	4.55E-05	8.8E-04			
261	3.2902E-06	1.1055E-06	2.50E-04	2.77E-10	14.00	1.15E-02	4.44E-11	1,000,000	4.44E-05	8.6E-04			
262	3.2902E-06	1.0804E-06	2.50E-04	2.70E-10	14.00	1.15E-02	4.34E-11	1,000,000	4.34E-05	8.4E-04			
263	3.2902E-06	1.251E-06	2.50E-04	3.13E-10	14.00	1.15E-02	5.03E-11	1,000,000	5.03E-05	9.8E-04			
264	3.2902E-06	1.2307E-06	2.50E-04	3.08E-10	14.00	1.15E-02	4.95E-11	1,000,000	4.95E-05	9.6E-04			
265	3.2902E-06	1.2098E-06	2.50E-04	3.03E-10	14.00	1.15E-02	4.86E-11	1,000,000	4.86E-05	9.5E-04			
266	3.2902E-06	1.187E-06	2.50E-04	2.97E-10	14.00	1.15E-02	4.77E-11	1,000,000	4.77E-05	9.3E-04			
267	3.2902E-06	1.1637E-06	2.50E-04	2.91E-10	14.00	1.15E-02	4.68E-11	1,000,000	4.68E-05	9.1E-04			
268	3.2902E-06	1.1393E-06	2.50E-04	2.85E-10	14.00	1.15E-02	4.58E-11	1,000,000	4.58E-05	8.9E-04			
269	3.2902E-06	1.1154E-06	2.50E-04	2.79E-10	14.00	1.15E-02	4.48E-11	1,000,000	4.48E-05	8.7E-04			
270	3.2902E-06	1.0908E-06	2.50E-04	2.73E-10	14.00	1.15E-02	4.38E-11	1,000,000	4.38E-05	8.5E-04			
271	3.2902E-06	1.067E-06	2.50E-04	2.67E-10	14.00	1.15E-02	4.29E-11	1,000,000	4.29E-05	8.3E-04			
272	3.2902E-06	1.0434E-06	2.50E-04	2.61E-10	14.00	1.15E-02	4.19E-11	1,000,000	4.19E-05	8.2E-04			
273	3.2902E-06	1.0205E-06	2.50E-04	2.55E-10	14.00	1.15E-02	4.10E-11	1,000,000	4.10E-05	8.0E-04			
274	3.2902E-06	9.9632E-07	2.50E-04	2.49E-10	14.00	1.15E-02	4.00E-11	1,000,000	4.00E-05	7.8E-04			
275	3.2902E-06	1.169E-06	2.50E-04	2.93E-10	14.00	1.15E-02	4.70E-11	1,000,000	4.70E-05	9.1E-04			

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Idle

	Cancer Risk 14 to 30 years												
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million	Total Risk		Max	Receptor #
276	3.2902E-06	1.1522E-06	2.50E-04	2.88E-10	14.00	1.15E-02	4.63E-11	1,000,000	4.63E-05	9.0E-04			
277	3.2902E-06	1.1336E-06	2.50E-04	2.84E-10	14.00	1.15E-02	4.56E-11	1,000,000	4.56E-05	8.9E-04			
278	3.2902E-06	1.1137E-06	2.50E-04	2.79E-10	14.00	1.15E-02	4.48E-11	1,000,000	4.48E-05	8.7E-04			
279	3.2902E-06	1.0931E-06	2.50E-04	2.74E-10	14.00	1.15E-02	4.39E-11	1,000,000	4.39E-05	8.5E-04			
280	3.2902E-06	1.0717E-06	2.50E-04	2.68E-10	14.00	1.15E-02	4.31E-11	1,000,000	4.31E-05	8.4E-04			
281	3.2902E-06	1.0497E-06	2.50E-04	2.63E-10	14.00	1.15E-02	4.22E-11	1,000,000	4.22E-05	8.2E-04			
282	3.2902E-06	1.0283E-06	2.50E-04	2.57E-10	14.00	1.15E-02	4.13E-11	1,000,000	4.13E-05	8.0E-04			
283	3.2902E-06	1.007E-06	2.50E-04	2.52E-10	14.00	1.15E-02	4.05E-11	1,000,000	4.05E-05	7.9E-04			
284	3.2902E-06	9.8579E-07	2.50E-04	2.47E-10	14.00	1.15E-02	3.96E-11	1,000,000	3.96E-05	7.7E-04			
285	3.2902E-06	9.647E-07	2.50E-04	2.41E-10	14.00	1.15E-02	3.88E-11	1,000,000	3.88E-05	7.5E-04			
286	3.2902E-06	9.439E-07	2.50E-04	2.36E-10	14.00	1.15E-02	3.79E-11	1,000,000	3.79E-05	7.4E-04			
287	3.2902E-06	1.0949E-06	2.50E-04	2.74E-10	14.00	1.15E-02	4.40E-11	1,000,000	4.40E-05	8.6E-04			
288	3.2902E-06	1.0802E-06	2.50E-04	2.70E-10	14.00	1.15E-02	4.34E-11	1,000,000	4.34E-05	8.4E-04			
289	3.2902E-06	1.0637E-06	2.50E-04	2.66E-10	14.00	1.15E-02	4.28E-11	1,000,000	4.28E-05	8.3E-04			
290	3.2902E-06	1.0464E-06	2.50E-04	2.62E-10	14.00	1.15E-02	4.21E-11	1,000,000	4.21E-05	8.2E-04			
291	3.2902E-06	1.0281E-06	2.50E-04	2.57E-10	14.00	1.15E-02	4.13E-11	1,000,000	4.13E-05	8.0E-04			
292	3.2902E-06	1.0097E-06	2.50E-04	2.53E-10	14.00	1.15E-02	4.06E-11	1,000,000	4.06E-05	7.9E-04			
293	3.2902E-06	9.9049E-07	2.50E-04	2.48E-10	14.00	1.15E-02	3.98E-11	1,000,000	3.98E-05	7.7E-04			
294	3.2902E-06	9.7154E-07	2.50E-04	2.43E-10	14.00	1.15E-02	3.91E-11	1,000,000	3.91E-05	7.6E-04			
295	3.2902E-06	9.5262E-07	2.50E-04	2.38E-10	14.00	1.15E-02	3.83E-11	1,000,000	3.83E-05	7.4E-04			
296	3.2902E-06	9.3361E-07	2.50E-04	2.34E-10	14.00	1.15E-02	3.75E-11	1,000,000	3.75E-05	7.3E-04			
297	3.2902E-06	9.1439E-07	2.50E-04	2.29E-10	14.00	1.15E-02	3.68E-11	1,000,000	3.68E-05	7.1E-04			
298	3.2902E-06	8.957E-07	2.50E-04	2.24E-10	14.00	1.15E-02	3.60E-11	1,000,000	3.60E-05	7.0E-04			
299	3.2902E-06	1.0273E-06	2.50E-04	2.57E-10	14.00	1.15E-02	4.13E-11	1,000,000	4.13E-05	8.0E-04			
300	3.2902E-06	1.0148E-06	2.50E-04	2.54E-10	14.00	1.15E-02	4.08E-11	1,000,000	4.08E-05	7.9E-04			
301	3.2902E-06	1.0004E-06	2.50E-04	2.50E-10	14.00	1.15E-02	4.02E-11	1,000,000	4.02E-05	7.8E-04			
302	3.2902E-06	9.8516E-07	2.50E-04	2.47E-10	14.00	1.15E-02	3.96E-11	1,000,000	3.96E-05	7.7E-04			
303	3.2902E-06	9.6957E-07	2.50E-04	2.43E-10	14.00	1.15E-02	3.90E-11	1,000,000	3.90E-05	7.6E-04			
304	3.2902E-06	9.5256E-07	2.50E-04	2.38E-10	14.00	1.15E-02	3.83E-11	1,000,000	3.83E-05	7.4E-04			
305	3.2902E-06	9.3607E-07	2.50E-04	2.34E-10	14.00	1.15E-02	3.76E-11	1,000,000	3.76E-05	7.3E-04			
306	3.2902E-06	9.1906E-07	2.50E-04	2.30E-10	14.00	1.15E-02	3.69E-11	1,000,000	3.69E-05	7.2E-04			
307	3.2902E-06	9.0208E-07	2.50E-04	2.26E-10	14.00	1.15E-02	3.63E-11	1,000,000	3.63E-05	7.1E-04			
308	3.2902E-06	8.8481E-07	2.50E-04	2.21E-10	14.00	1.15E-02	3.56E-11	1,000,000	3.56E-05	6.9E-04			

Sywest Industrial Building - Alternative 3

Unmitigated - Operational - ED Risk - Idle

	Cancer Risk 14 to 30 years												
Receptor #	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million	Total Risk		Max	Receptor #
309	3.2902E-06	8.6741E-07	2.50E-04	2.17E-10	14.00	1.15E-02	3.49E-11	1,000,000	3.49E-05	6.8E-04			
310	3.2902E-06	8.5089E-07	2.50E-04	2.13E-10	14.00	1.15E-02	3.42E-11	1,000,000	3.42E-05	6.7E-04			
311	3.2902E-06	9.6595E-07	2.50E-04	2.42E-10	14.00	1.15E-02	3.88E-11	1,000,000	3.88E-05	7.6E-04			
312	3.2902E-06	9.5542E-07	2.50E-04	2.39E-10	14.00	1.15E-02	3.84E-11	1,000,000	3.84E-05	7.5E-04			
313	3.2902E-06	9.4331E-07	2.50E-04	2.36E-10	14.00	1.15E-02	3.79E-11	1,000,000	3.79E-05	7.4E-04			
314	3.2902E-06	9.2995E-07	2.50E-04	2.33E-10	14.00	1.15E-02	3.74E-11	1,000,000	3.74E-05	7.3E-04			
315	3.2902E-06	9.1538E-07	2.50E-04	2.29E-10	14.00	1.15E-02	3.68E-11	1,000,000	3.68E-05	7.2E-04			
316	3.2902E-06	8.6556E-07	2.50E-04	2.17E-10	14.00	1.15E-02	3.48E-11	1,000,000	3.48E-05	6.8E-04			
317	3.2902E-06	8.606E-07	2.50E-04	2.15E-10	14.00	1.15E-02	3.46E-11	1,000,000	3.46E-05	6.7E-04			
318	3.2902E-06	8.3796E-07	2.50E-04	2.10E-10	14.00	1.15E-02	3.37E-11	1,000,000	3.37E-05	6.5E-04			
319	3.2902E-06	8.55E-07	2.50E-04	2.14E-10	14.00	1.15E-02	3.44E-11	1,000,000	3.44E-05	6.7E-04			
320	3.2902E-06	8.3941E-07	2.50E-04	2.10E-10	14.00	1.15E-02	3.37E-11	1,000,000	3.37E-05	6.6E-04			
321	3.2902E-06	8.2417E-07	2.50E-04	2.06E-10	14.00	1.15E-02	3.31E-11	1,000,000	3.31E-05	6.4E-04			
322	3.2902E-06	8.092E-07	2.50E-04	2.03E-10	14.00	1.15E-02	3.25E-11	1,000,000	3.25E-05	6.3E-04			
323	3.2902E-06	9.0965E-07	2.50E-04	2.28E-10	14.00	1.15E-02	3.66E-11	1,000,000	3.66E-05	7.1E-04			
324	3.2902E-06	9.0031E-07	2.50E-04	2.25E-10	14.00	1.15E-02	3.62E-11	1,000,000	3.62E-05	7.0E-04			
325	3.2902E-06	8.8978E-07	2.50E-04	2.23E-10	14.00	1.15E-02	3.58E-11	1,000,000	3.58E-05	7.0E-04			
326	3.2902E-06	8.4329E-07	2.50E-04	2.11E-10	14.00	1.15E-02	3.39E-11	1,000,000	3.39E-05	6.6E-04			
327	3.2902E-06	8.5777E-07	2.50E-04	2.15E-10	14.00	1.15E-02	3.45E-11	1,000,000	3.45E-05	6.7E-04			
328	3.2902E-06	8.197E-07	2.50E-04	2.05E-10	14.00	1.15E-02	3.29E-11	1,000,000	3.29E-05	6.4E-04			
329	3.2902E-06	8.4059E-07	2.50E-04	2.10E-10	14.00	1.15E-02	3.38E-11	1,000,000	3.38E-05	6.6E-04			
330	3.2902E-06	7.9436E-07	2.50E-04	1.99E-10	14.00	1.15E-02	3.19E-11	1,000,000	3.19E-05	6.2E-04			
331	3.2902E-06	7.814E-07	2.50E-04	1.96E-10	14.00	1.15E-02	3.14E-11	1,000,000	3.14E-05	6.1E-04			
332	3.2902E-06	7.8393E-07	2.50E-04	1.96E-10	14.00	1.15E-02	3.15E-11	1,000,000	3.15E-05	6.1E-04			
333	3.2902E-06	7.8393E-07	2.50E-04	1.96E-10	14.00	1.15E-02	3.15E-11	1,000,000	3.15E-05	6.1E-04			
334	3.2902E-06	7.6969E-07	2.50E-04	1.93E-10	14.00	1.15E-02	3.09E-11	1,000,000	3.09E-05	6.0E-04			
335	3.2902E-06	8.5786E-07	2.50E-04	2.15E-10	14.00	1.15E-02	3.45E-11	1,000,000	3.45E-05	6.7E-04			
336	3.2902E-06	8.4974E-07	2.50E-04	2.13E-10	14.00	1.15E-02	3.42E-11	1,000,000	3.42E-05	6.6E-04			
337	3.2902E-06	8.3306E-07	2.50E-04	2.08E-10	14.00	1.15E-02	3.35E-11	1,000,000	3.35E-05	6.5E-04			
338	3.2902E-06	7.968E-07	2.50E-04	1.99E-10	14.00	1.15E-02	3.20E-11	1,000,000	3.20E-05	6.2E-04			
339	3.2902E-06	7.8781E-07	2.50E-04	1.97E-10	14.00	1.15E-02	3.17E-11	1,000,000	3.17E-05	6.2E-04			
340	3.2902E-06	7.7581E-07	2.50E-04	1.94E-10	14.00	1.15E-02	3.12E-11	1,000,000	3.12E-05	6.1E-04			
341	3.2902E-06	7.9736E-07	2.50E-04	2.00E-10	14.00	1.15E-02	3.20E-11	1,000,000	3.20E-05	6.2E-04			

Sywest Industrial Building - Alternative 3
Unmitigated - Operational - ED Risk - Idle

	Chronic Non Cancer Risk				
Receptor #	**REL**	**HI**		**Max**	**Receptor #**
1	5	1.50E-06		2.730E-06	235 Res
2	5	7.79E-07			
3	5	8.35E-07			
4	5	9.23E-07			
5	5	1.04E-06			
6	5	1.12E-06			
7	5	1.28E-06			
8	5	2.75E-07			
9	5	2.61E-07			
10	5	2.48E-07			
11	5	2.36E-07			
12	5	2.24E-07			
13	5	2.12E-07			
14	5	2.01E-07			
15	5	1.91E-07			
16	5	2.91E-07			
17	5	2.75E-07			
18	5	2.61E-07			
19	5	2.47E-07			
20	5	2.33E-07			
21	5	2.21E-07			
22	5	2.10E-07			
23	5	1.99E-07			
24	5	2.74E-07			
25	5	2.59E-07			
26	5	2.44E-07			
27	5	2.31E-07			
28	5	2.19E-07			
29	5	2.08E-07			
30	5	2.88E-07			
31	5	2.71E-07			
32	5	2.56E-07			
33	5	2.42E-07			

Sywest Industrial Building - Alternative 3
Unmitigated - Operational - ED Risk - Idle

	Chronic Non Cancer Risk				
Receptor #	**REL**	**HI**		**Max**	**Receptor #**
34	5	2.30E-07			
35	5	2.18E-07			
36	5	3.04E-07			
37	5	2.86E-07			
38	5	2.69E-07			
39	5	2.55E-07			
40	5	2.42E-07			
41	5	2.30E-07			
42	5	6.77E-07			
43	5	6.53E-07			
44	5	6.25E-07			
45	5	5.94E-07			
46	5	5.59E-07			
47	5	5.22E-07			
48	5	4.87E-07			
49	5	3.22E-07			
50	5	3.03E-07			
51	5	2.86E-07			
52	5	2.71E-07			
53	5	2.58E-07			
54	5	2.45E-07			
55	5	8.21E-07			
56	5	7.84E-07			
57	5	7.48E-07			
58	5	7.06E-07			
59	5	6.63E-07			
60	5	6.17E-07			
61	5	5.71E-07			
62	5	5.28E-07			
63	5	4.89E-07			
64	5	3.43E-07			
65	5	3.24E-07			
66	5	3.06E-07			

Sywest Industrial Building - Alternative 3
Unmitigated - Operational - ED Risk - Idle

	Chronic Non Cancer Risk				
Receptor #	**REL**	**HI**		**Max**	**Receptor #**
67	5	2.91E-07			
68	5	2.77E-07			
69	5	2.64E-07			
70	5	9.13E-07			
71	5	8.60E-07			
72	5	8.01E-07			
73	5	7.39E-07			
74	5	6.81E-07			
75	5	6.25E-07			
76	5	5.72E-07			
77	5	5.27E-07			
78	5	3.50E-07			
79	5	3.31E-07			
80	5	3.14E-07			
81	5	3.00E-07			
82	5	2.86E-07			
83	5	1.08E-06			
84	5	9.91E-07			
85	5	9.09E-07			
86	5	8.26E-07			
87	5	7.51E-07			
88	5	6.84E-07			
89	5	6.23E-07			
90	5	5.72E-07			
91	5	5.29E-07			
92	5	4.05E-07			
93	5	3.83E-07			
94	5	3.62E-07			
95	5	3.44E-07			
96	5	3.28E-07			
97	5	3.13E-07			
98	5	1.14E-06			
99	5	1.03E-06			

Sywest Industrial Building - Alternative 3
Unmitigated - Operational - ED Risk - Idle

	Chronic Non Cancer Risk				
Receptor #	**REL**	**HI**		**Max**	**Receptor #**
100	5	9.27E-07			
101	5	8.31E-07			
102	5	7.54E-07			
103	5	6.88E-07			
104	5	6.30E-07			
105	5	5.84E-07			
106	5	4.50E-07			
107	5	4.25E-07			
108	5	4.02E-07			
109	5	3.81E-07			
110	5	3.63E-07			
111	5	3.45E-07			
112	5	1.17E-06			
113	5	1.04E-06			
114	5	9.33E-07			
115	5	8.44E-07			
116	5	7.72E-07			
117	5	7.09E-07			
118	5	6.57E-07			
119	5	6.14E-07			
120	5	5.09E-07			
121	5	4.78E-07			
122	5	4.52E-07			
123	5	4.27E-07			
124	5	4.05E-07			
125	5	3.84E-07			
126	5	1.35E-06			
127	5	1.20E-06			
128	5	1.07E-06			
129	5	9.69E-07			
130	5	8.88E-07			
131	5	8.18E-07			
132	5	7.56E-07			

Sywest Industrial Building - Alternative 3
Unmitigated - Operational - ED Risk - Idle

	Chronic Non Cancer Risk				
Receptor #	**REL**	**HI**		**Max**	**Receptor #**
133	5	7.06E-07			
134	5	5.42E-07			
135	5	5.11E-07			
136	5	4.82E-07			
137	5	4.55E-07			
138	5	4.29E-07			
139	5	1.41E-06			
140	5	1.28E-06			
141	5	1.15E-06			
142	5	1.05E-06			
143	5	9.68E-07			
144	5	8.91E-07			
145	5	8.25E-07			
146	5	7.68E-07			
147	5	6.21E-07			
148	5	5.82E-07			
149	5	5.46E-07			
150	5	5.13E-07			
151	5	4.82E-07			
152	5	1.75E-06			
153	5	1.57E-06			
154	5	1.41E-06			
155	5	1.28E-06			
156	5	1.16E-06			
157	5	1.07E-06			
158	5	9.77E-07			
159	5	8.99E-07			
160	5	8.28E-07			
161	5	7.66E-07			
162	5	7.10E-07			
163	5	6.61E-07			
164	5	6.16E-07			
165	5	5.77E-07			

Sywest Industrial Building - Alternative 3
Unmitigated - Operational - ED Risk - Idle

	Chronic Non Cancer Risk				
Receptor #	**REL**	**HI**		**Max**	**Receptor #**
166	5	5.40E-07			
167	5	1.98E-06			
168	5	1.76E-06			
169	5	1.57E-06			
170	5	1.40E-06			
171	5	1.27E-06			
172	5	1.15E-06			
173	5	1.05E-06			
174	5	9.54E-07			
175	5	8.77E-07			
176	5	8.07E-07			
177	5	7.46E-07			
178	5	6.92E-07			
179	5	6.45E-07			
180	5	6.00E-07			
181	5	2.51E-06			
182	5	2.17E-06			
183	5	1.90E-06			
184	5	1.68E-06			
185	5	1.50E-06			
186	5	1.34E-06			
187	5	1.21E-06			
188	5	1.09E-06			
189	5	9.95E-07			
190	5	9.10E-07			
191	5	8.36E-07			
192	5	7.70E-07			
193	5	7.13E-07			
194	5	6.60E-07			
195	5	2.59E-06			
196	5	2.24E-06			
197	5	1.95E-06			
198	5	1.72E-06			

Sywest Industrial Building - Alternative 3
Unmitigated - Operational - ED Risk - Idle

	Chronic Non Cancer Risk				
Receptor #	**REL**	**HI**		**Max**	**Receptor #**
199	5	1.52E-06			
200	5	1.36E-06			
201	5	1.22E-06			
202	5	1.11E-06			
203	5	1.01E-06			
204	5	9.19E-07			
205	5	8.43E-07			
206	5	7.76E-07			
207	5	7.17E-07			
208	5	2.53E-06			
209	5	2.19E-06			
210	5	1.91E-06			
211	5	1.68E-06			
212	5	1.50E-06			
213	5	1.34E-06			
214	5	1.21E-06			
215	5	1.09E-06			
216	5	9.93E-07			
217	5	9.07E-07			
218	5	8.33E-07			
219	5	7.67E-07			
220	5	1.60E-06			
221	5	1.43E-06			
222	5	1.28E-06			
223	5	1.16E-06			
224	5	1.05E-06			
225	5	9.60E-07			
226	5	8.79E-07			
227	5	8.09E-07			
228	5	1.48E-06			
229	5	1.33E-06			
230	5	1.20E-06			
231	5	1.09E-06			

Sywest Industrial Building - Alternative 3
Unmitigated - Operational - ED Risk - Idle

	Chronic Non Cancer Risk				
Receptor #	**REL**	**HI**		**Max**	**Receptor #**
232	5	9.98E-07			
233	5	9.14E-07			
234	5	8.40E-07			
235	5	2.73E-06			
236	5	2.53E-06			
237	5	2.19E-06			
238	5	1.92E-06			
239	5	2.27E-06			
240	5	1.99E-06			
241	5	1.76E-06			
242	5	1.57E-06			

Sywest Industrial Building - Alternative 3
Unmitigated - Operational - ED Risk - Idle

	Chronic Non Cancer Risk				
Receptor #	**REL**	**HI**		**Max**	**Receptor #**
243	5	2.77E-07			
244	5	2.71E-07			
245	5	2.65E-07			
246	5	2.59E-07			
247	5	2.53E-07			
248	5	2.47E-07			
249	5	2.41E-07			
250	5	2.35E-07			
251	5	2.29E-07			
252	5	2.68E-07			
253	5	2.64E-07			
254	5	2.59E-07			
255	5	2.54E-07			
256	5	2.48E-07			
257	5	2.43E-07			
258	5	2.37E-07			
259	5	2.32E-07			
260	5	2.26E-07			
261	5	2.21E-07			
262	5	2.16E-07			
263	5	2.50E-07			
264	5	2.46E-07			
265	5	2.42E-07			
266	5	2.37E-07			
267	5	2.33E-07			
268	5	2.28E-07			
269	5	2.23E-07			
270	5	2.18E-07			
271	5	2.13E-07			
272	5	2.09E-07			
273	5	2.04E-07			
274	5	1.99E-07			
275	5	2.34E-07			

Sywest Industrial Building - Alternative 3
Unmitigated - Operational - ED Risk - Idle

	Chronic Non Cancer Risk				
Receptor #	**REL**	**HI**		**Max**	**Receptor #**
276	5	2.30E-07			
277	5	2.27E-07			
278	5	2.23E-07			
279	5	2.19E-07			
280	5	2.14E-07			
281	5	2.10E-07			
282	5	2.06E-07			
283	5	2.01E-07			
284	5	1.97E-07			
285	5	1.93E-07			
286	5	1.89E-07			
287	5	2.19E-07			
288	5	2.16E-07			
289	5	2.13E-07			
290	5	2.09E-07			
291	5	2.06E-07			
292	5	2.02E-07			
293	5	1.98E-07			
294	5	1.94E-07			
295	5	1.91E-07			
296	5	1.87E-07			
297	5	1.83E-07			
298	5	1.79E-07			
299	5	2.05E-07			
300	5	2.03E-07			
301	5	2.00E-07			
302	5	1.97E-07			
303	5	1.94E-07			
304	5	1.91E-07			
305	5	1.87E-07			
306	5	1.84E-07			
307	5	1.80E-07			
308	5	1.77E-07			

Sywest Industrial Building - Alternative 3
Unmitigated - Operational - ED Risk - Idle

	Chronic Non Cancer Risk				
Receptor #	**REL**	**HI**		**Max**	**Receptor #**
309	5	1.73E-07			
310	5	1.70E-07			
311	5	1.93E-07			
312	5	1.91E-07			
313	5	1.89E-07			
314	5	1.86E-07			
315	5	1.83E-07			
316	5	1.73E-07			
317	5	1.72E-07			
318	5	1.68E-07			
319	5	1.71E-07			
320	5	1.68E-07			
321	5	1.65E-07			
322	5	1.62E-07			
323	5	1.82E-07			
324	5	1.80E-07			
325	5	1.78E-07			
326	5	1.69E-07			
327	5	1.72E-07			
328	5	1.64E-07			
329	5	1.68E-07			
330	5	1.59E-07			
331	5	1.56E-07			
332	5	1.57E-07			
333	5	1.57E-07			
334	5	1.54E-07			
335	5	1.72E-07			
336	5	1.70E-07			
337	5	1.67E-07			
338	5	1.59E-07			
339	5	1.58E-07			
340	5	1.55E-07			
341	5	1.59E-07			

#	Discrete Re	X	Y	Concentrat	Elevation (Z	Hill Heights	Flagpole (Z	Averagin Pe
1		240002	3812965	1.19252	3.3	3.3	0	PERIOD
2		239895	3813066	0.6574	3.16	3.16	0	PERIOD
3		239905	3813061	0.69503	3.07	3.07	0	PERIOD
4		239918	3813065	0.75433	3.07	3.07	0	PERIOD
5		239933	3813063	0.83093	2.99	2.99	0	PERIOD
6		239942	3813062	0.88371	2.97	2.97	0	PERIOD
7		239957	3813062	0.98725	3.1	3.1	0	PERIOD
8		240510	3812720	0.42425	4.75	4.75	0	PERIOD
9		240530	3812720	0.40937	5.13	5.13	0	PERIOD
10		240550	3812720	0.39623	5.04	5.04	0	PERIOD
11		240570	3812720	0.38319	4.97	4.97	0	PERIOD
12		240590	3812720	0.36987	5.08	5.08	0	PERIOD
13		240610	3812720	0.35683	5.22	5.22	0	PERIOD
14		240630	3812720	0.34406	5.41	5.41	0	PERIOD
15		240650	3812720	0.33183	5.54	5.54	0	PERIOD
16		240510	3812740	0.45797	4.97	4.97	0	PERIOD
17		240530	3812740	0.44101	5.23	5.23	0	PERIOD
18		240550	3812740	0.42581	5.1	5.1	0	PERIOD
19		240570	3812740	0.41071	5.03	5.03	0	PERIOD
20		240590	3812740	0.39535	5.17	5.17	0	PERIOD
21		240610	3812740	0.38087	5.18	5.18	0	PERIOD
22		240630	3812740	0.3667	5.25	5.25	0	PERIOD
23		240650	3812740	0.35267	5.49	5.49	0	PERIOD
24		240550	3812760	0.4588	5.15	5.15	0	PERIOD
25		240570	3812760	0.4414	5.07	5.07	0	PERIOD
26		240590	3812760	0.42355	5.29	5.29	0	PERIOD
27		240610	3812760	0.40715	5.28	5.28	0	PERIOD
28		240630	3812760	0.39144	5.25	5.25	0	PERIOD
29		240650	3812760	0.37558	5.52	5.52	0	PERIOD
30		240550	3812780	0.49581	5.23	5.23	0	PERIOD
31		240570	3812780	0.47597	5.09	5.09	0	PERIOD
32		240590	3812780	0.45547	5.33	5.33	0	PERIOD
33		240610	3812780	0.43694	5.28	5.28	0	PERIOD
34		240630	3812780	0.41929	5.21	5.21	0	PERIOD
35		240650	3812780	0.40157	5.43	5.43	0	PERIOD
36		240550	3812800	0.53859	5.18	5.18	0	PERIOD
37		240570	3812800	0.51555	5.06	5.06	0	PERIOD
38		240590	3812800	0.49215	5.26	5.26	0	PERIOD
39		240610	3812800	0.47096	5.22	5.22	0	PERIOD
40		240630	3812800	0.45112	5.1	5.1	0	PERIOD
41		240650	3812800	0.43104	5.33	5.33	0	PERIOD
42		240310	3812820	1.00767	5.43	5.43	0	PERIOD
43		240330	3812820	0.97615	5.22	5.22	0	PERIOD
44		240350	3812820	0.94066	5.07	5.07	0	PERIOD
45		240370	3812820	0.90248	4.99	4.99	0	PERIOD
46		240390	3812820	0.86178	5.08	5.08	0	PERIOD

47	240410	3812820	0.8201	5.34	5.34	0	PERIOD
48	240430	3812820	0.78246	5.34	5.34	0	PERIOD
49	240550	3812820	0.58779	5.17	5.17	0	PERIOD
50	240570	3812820	0.56129	5.01	5.01	0	PERIOD
51	240590	3812820	0.53453	5.16	5.16	0	PERIOD
52	240610	3812820	0.51033	5.1	5.1	0	PERIOD
53	240630	3812820	0.48754	5.02	5.02	0	PERIOD
54	240650	3812820	0.46456	5.29	5.29	0	PERIOD
55	240290	3812840	1.23491	4.91	4.91	0	PERIOD
56	240310	3812840	1.18194	5.27	5.27	0	PERIOD
57	240330	3812840	1.13447	5.14	5.14	0	PERIOD
58	240350	3812840	1.07969	5.28	5.28	0	PERIOD
59	240370	3812840	1.02863	5.19	5.19	0	PERIOD
60	240390	3812840	0.97818	5.13	5.13	0	PERIOD
61	240410	3812840	0.92538	5.4	5.4	0	PERIOD
62	240430	3812840	0.87792	5.46	5.46	0	PERIOD
63	240450	3812840	0.8352	5.29	5.29	0	PERIOD
64	240550	3812840	0.64527	5.18	5.18	0	PERIOD
65	240570	3812840	0.61488	4.94	4.94	0	PERIOD
66	240590	3812840	0.58457	4.96	4.96	0	PERIOD
67	240610	3812840	0.55589	5.02	5.02	0	PERIOD
68	240630	3812840	0.53005	4.88	4.88	0	PERIOD
69	240650	3812840	0.50399	5.09	5.09	0	PERIOD
70	240310	3812860	1.40195	5.25	5.25	0	PERIOD
71	240330	3812860	1.33278	5.1	5.1	0	PERIOD
72	240350	3812860	1.25842	5.16	5.16	0	PERIOD
73	240370	3812860	1.18446	5.35	5.35	0	PERIOD
74	240390	3812860	1.11983	5.26	5.26	0	PERIOD
75	240410	3812860	1.05728	5.27	5.27	0	PERIOD
76	240430	3812860	0.99392	5.61	5.61	0	PERIOD
77	240450	3812860	0.94128	5.43	5.43	0	PERIOD
78	240570	3812860	0.677	5.02	5.02	0	PERIOD
79	240590	3812860	0.64085	5.14	5.14	0	PERIOD
80	240610	3812860	0.60824	5.1	5.1	0	PERIOD
81	240630	3812860	0.57813	5	5	0	PERIOD
82	240650	3812860	0.54842	5.17	5.17	0	PERIOD
83	240310	3812880	1.70922	4.7	5.12	0	PERIOD
84	240330	3812880	1.58741	5.1	5.1	0	PERIOD
85	240350	3812880	1.48796	5.05	5.05	0	PERIOD
86	240370	3812880	1.38726	5.31	5.31	0	PERIOD
87	240390	3812880	1.29931	5.39	5.39	0	PERIOD
88	240410	3812880	1.22053	5.34	5.34	0	PERIOD
89	240430	3812880	1.14203	5.57	5.57	0	PERIOD
90	240450	3812880	1.07267	5.58	5.58	0	PERIOD
91	240470	3812880	1.01135	5.34	5.34	0	PERIOD
92	240550	3812880	0.79439	5.25	5.25	0	PERIOD
93	240570	3812880	0.75072	5.11	5.11	0	PERIOD

94	240590	3812880	0.70801	5.23	5.23	0	PERIOD
95	240610	3812880	0.66994	5.16	5.16	0	PERIOD
96	240630	3812880	0.63462	5.08	5.08	0	PERIOD
97	240650	3812880	0.60034	5.22	5.22	0	PERIOD
98	240330	3812900	1.92934	5.14	5.14	0	PERIOD
99	240350	3812900	1.79609	4.98	4.98	0	PERIOD
100	240370	3812900	1.66536	5.06	5.06	0	PERIOD
101	240390	3812900	1.53477	5.53	5.53	0	PERIOD
102	240410	3812900	1.43193	5.43	5.43	0	PERIOD
103	240430	3812900	1.33357	5.46	5.46	0	PERIOD
104	240450	3812900	1.23934	5.67	5.67	0	PERIOD
105	240470	3812900	1.16224	5.34	5.34	0	PERIOD
106	240550	3812900	0.89408	5.11	5.11	0	PERIOD
107	240570	3812900	0.84006	5.07	5.07	0	PERIOD
108	240590	3812900	0.78913	5.16	5.16	0	PERIOD
109	240610	3812900	0.74265	5.22	5.22	0	PERIOD
110	240630	3812900	0.70071	5.17	5.17	0	PERIOD
111	240650	3812900	0.66002	5.39	5.39	0	PERIOD
112	240350	3812920	2.22672	5.04	5.04	0	PERIOD
113	240370	3812920	2.04139	5.07	5.07	0	PERIOD
114	240390	3812920	1.86089	5.44	5.44	0	PERIOD
115	240410	3812920	1.70978	5.55	5.55	0	PERIOD
116	240430	3812920	1.58038	5.41	5.41	0	PERIOD
117	240450	3812920	1.45548	5.56	5.56	0	PERIOD
118	240470	3812920	1.34828	5.47	5.47	0	PERIOD
119	240490	3812920	1.25589	5.15	5.15	0	PERIOD
120	240550	3812920	1.01725	4.78	4.78	0	PERIOD
121	240570	3812920	0.94678	5.03	5.03	0	PERIOD
122	240590	3812920	0.88634	5.01	5.01	0	PERIOD
123	240610	3812920	0.82959	5.14	5.14	0	PERIOD
124	240630	3812920	0.7782	5.23	5.23	0	PERIOD
125	240650	3812920	0.73021	5.44	5.44	0	PERIOD
126	240350	3812940	2.84394	5.23	5.23	0	PERIOD
127	240370	3812940	2.55705	5.25	5.25	0	PERIOD
128	240390	3812940	2.30743	5.28	5.28	0	PERIOD
129	240410	3812940	2.07674	5.62	5.62	0	PERIOD
130	240430	3812940	1.89483	5.45	5.45	0	PERIOD
131	240450	3812940	1.73094	5.39	5.39	0	PERIOD
132	240470	3812940	1.58103	5.54	5.54	0	PERIOD
133	240490	3812940	1.46078	5.19	5.19	0	PERIOD
134	240570	3812940	1.06852	5.34	5.34	0	PERIOD
135	240590	3812940	0.99748	5.14	5.14	0	PERIOD
136	240610	3812940	0.93127	5.08	5.08	0	PERIOD
137	240630	3812940	0.86876	5.24	5.24	0	PERIOD
138	240650	3812940	0.81087	5.54	5.54	0	PERIOD
139	240370	3812960	3.26156	5.4	5.4	0	PERIOD
140	240390	3812960	2.8897	5.26	5.26	0	PERIOD

141	240410	3812960	2.56077	5.45	5.45	0	PERIOD
142	240430	3812960	2.29097	5.52	5.52	0	PERIOD
143	240450	3812960	2.07358	5.28	5.28	0	PERIOD
144	240470	3812960	1.87641	5.34	5.34	0	PERIOD
145	240490	3812960	1.70904	5.3	5.3	0	PERIOD
146	240510	3812960	1.56947	5.01	5.01	0	PERIOD
147	240570	3812960	1.21884	5.22	5.22	0	PERIOD
148	240590	3812960	1.12951	5.13	5.13	0	PERIOD
149	240610	3812960	1.04789	5.14	5.14	0	PERIOD
150	240630	3812960	0.97345	5.23	5.23	0	PERIOD
151	240650	3812960	0.90447	5.51	5.51	0	PERIOD
152	240370	3812980	4.1962	5.38	5.38	0	PERIOD
153	240390	3812980	3.62658	5.34	5.34	0	PERIOD
154	240410	3812980	3.17028	5.33	5.33	0	PERIOD
155	240430	3812980	2.78927	5.51	5.51	0	PERIOD
156	240450	3812980	2.49081	5.34	5.34	0	PERIOD
157	240470	3812980	2.23853	5.19	5.19	0	PERIOD
158	240490	3812980	2.01859	5.17	5.17	0	PERIOD
159	240510	3812980	1.82996	5.13	5.13	0	PERIOD
160	240530	3812980	1.66231	5.24	5.24	0	PERIOD
161	240550	3812980	1.51953	5.2	5.2	0	PERIOD
162	240570	3812980	1.39142	5.29	5.29	0	PERIOD
163	240590	3812980	1.27891	5.35	5.35	0	PERIOD
164	240610	3812980	1.17986	5.35	5.35	0	PERIOD
165	240630	3812980	1.09337	5.19	5.19	0	PERIOD
166	240650	3812980	1.01237	5.32	5.32	0	PERIOD
167	240390	3813000	4.56465	5.42	5.42	0	PERIOD
168	240410	3813000	3.93959	5.27	5.27	0	PERIOD
169	240430	3813000	3.42615	5.33	5.33	0	PERIOD
170	240450	3813000	3.00759	5.42	5.42	0	PERIOD
171	240470	3813000	2.67299	5.27	5.27	0	PERIOD
172	240490	3813000	2.38505	5.27	5.27	0	PERIOD
173	240510	3813000	2.13539	5.43	5.43	0	PERIOD
174	240530	3813000	1.92127	5.64	5.64	0	PERIOD
175	240550	3813000	1.74421	5.53	5.53	0	PERIOD
176	240570	3813000	1.58779	5.53	5.53	0	PERIOD
177	240590	3813000	1.45156	5.49	5.49	0	PERIOD
178	240610	3813000	1.33315	5.34	5.34	0	PERIOD
179	240630	3813000	1.22907	5.12	5.12	0	PERIOD
180	240650	3813000	1.13237	5.22	5.22	0	PERIOD
181	240390	3813020	5.8958	4.95	5.37	0	PERIOD
182	240410	3813020	4.94299	5.25	5.25	0	PERIOD
183	240430	3813020	4.24296	5.16	5.16	0	PERIOD
184	240450	3813020	3.66876	5.27	5.27	0	PERIOD
185	240470	3813020	3.2085	5.29	5.29	0	PERIOD
186	240490	3813020	2.83035	5.27	5.27	0	PERIOD
187	240510	3813020	2.50972	5.37	5.37	0	PERIOD

188	240530	3813020	2.2413	5.42	5.42	0	PERIOD
189	240550	3813020	2.01545	5.37	5.37	0	PERIOD
190	240570	3813020	1.82158	5.31	5.31	0	PERIOD
191	240590	3813020	1.65368	5.25	5.25	0	PERIOD
192	240610	3813020	1.50742	5.18	5.18	0	PERIOD
193	240630	3813020	1.3801	5.04	5.04	0	PERIOD
194	240650	3813020	1.26366	5.22	5.22	0	PERIOD
195	240410	3813040	6.27757	5.28	5.28	0	PERIOD
196	240430	3813040	5.28485	5.08	5.08	0	PERIOD
197	240450	3813040	4.49894	5.05	5.05	0	PERIOD
198	240470	3813040	3.85602	5.34	5.34	0	PERIOD
199	240490	3813040	3.35206	5.41	5.41	0	PERIOD
200	240510	3813040	2.94073	5.46	5.46	0	PERIOD
201	240530	3813040	2.60186	5.45	5.45	0	PERIOD
202	240550	3813040	2.31791	5.43	5.43	0	PERIOD
203	240570	3813040	2.07814	5.37	5.37	0	PERIOD
204	240590	3813040	1.87252	5.33	5.33	0	PERIOD
205	240610	3813040	1.69464	5.32	5.32	0	PERIOD
206	240630	3813040	1.54219	5.17	5.17	0	PERIOD
207	240650	3813040	1.40601	5.25	5.25	0	PERIOD
208	240430	3813060	6.58462	5.12	5.12	0	PERIOD
209	240450	3813060	5.49619	5	5	0	PERIOD
210	240470	3813060	4.64647	5.07	5.07	0	PERIOD
211	240490	3813060	3.97284	5.29	5.29	0	PERIOD
212	240510	3813060	3.44005	5.42	5.42	0	PERIOD
213	240530	3813060	3.01009	5.47	5.47	0	PERIOD
214	240550	3813060	2.65584	5.5	5.5	0	PERIOD
215	240570	3813060	2.35779	5.62	5.62	0	PERIOD
216	240590	3813060	2.10908	5.58	5.58	0	PERIOD
217	240610	3813060	1.89751	5.49	5.49	0	PERIOD
218	240630	3813060	1.71653	5.32	5.32	0	PERIOD
219	240650	3813060	1.55859	5.25	5.25	0	PERIOD
220	240510	3813080	4.01869	5.11	5.11	0	PERIOD
221	240530	3813080	3.47673	5.2	5.2	0	PERIOD
222	240550	3813080	3.03761	5.25	5.25	0	PERIOD
223	240570	3813080	2.67474	5.33	5.33	0	PERIOD
224	240590	3813080	2.37213	5.4	5.4	0	PERIOD
225	240610	3813080	2.11888	5.35	5.35	0	PERIOD
226	240630	3813080	1.90325	5.31	5.31	0	PERIOD
227	240650	3813080	1.71763	5.36	5.36	0	PERIOD
228	240530	3813100	3.98431	5.23	5.23	0	PERIOD
229	240550	3813100	3.44432	5.33	5.33	0	PERIOD
230	240570	3813100	3.00667	5.39	5.39	0	PERIOD
231	240590	3813100	2.64509	5.51	5.51	0	PERIOD
232	240610	3813100	2.34649	5.47	5.47	0	PERIOD
233	240630	3813100	2.09481	5.48	5.48	0	PERIOD
234	240650	3813100	1.88113	5.55	5.55	0	PERIOD

235	240420	3813060	7.258	5.18	5.18	0	PERIOD
236	240440	3813080	7.36909	5.16	5.16	0	PERIOD
237	240460	3813080	6.08576	4.97	4.97	0	PERIOD
238	240480	3813080	5.10162	5	5	0	PERIOD
239	240460	3813100	7.32099	5.17	5.17	0	PERIOD
240	240480	3813100	6.02971	5.22	5.22	0	PERIOD
241	240500	3813100	5.06216	5.12	5.12	0	PERIOD
242	240520	3813100	4.30174	5.2	5.2	0	PERIOD
243	240500	3813550	0.67706	6.67	6.67	0	PERIOD
244	240520	3813550	0.66252	6.83	6.83	0	PERIOD
245	240540	3813550	0.65107	6.87	6.87	0	PERIOD
246	240560	3813550	0.64094	6.74	6.74	0	PERIOD
247	240580	3813550	0.62981	6.67	6.67	0	PERIOD
248	240600	3813550	0.61748	6.56	6.56	0	PERIOD
249	240620	3813550	0.60354	6.51	6.51	0	PERIOD
250	240640	3813550	0.58853	6.44	6.44	0	PERIOD
251	240660	3813550	0.57293	6.32	6.32	0	PERIOD
252	240460	3813570	0.64408	7.28	7.28	0	PERIOD
253	240480	3813570	0.62495	7.09	7.09	0	PERIOD
254	240500	3813570	0.61026	6.99	6.99	0	PERIOD
255	240520	3813570	0.59898	6.94	6.94	0	PERIOD
256	240540	3813570	0.58993	6.86	6.86	0	PERIOD
257	240560	3813570	0.58093	6.94	6.94	0	PERIOD
258	240580	3813570	0.57205	6.87	6.87	0	PERIOD
259	240600	3813570	0.56167	6.94	6.94	0	PERIOD
260	240620	3813570	0.55037	6.92	6.92	0	PERIOD
261	240640	3813570	0.53817	6.83	6.83	0	PERIOD
262	240660	3813570	0.5256	6.55	6.55	0	PERIOD
263	240460	3813590	0.58335	7.23	7.23	0	PERIOD
264	240480	3813590	0.56603	7.31	7.31	0	PERIOD
265	240500	3813590	0.55363	7.2	7.2	0	PERIOD
266	240520	3813590	0.54379	7.23	7.23	0	PERIOD
267	240540	3813590	0.53611	7.19	7.19	0	PERIOD
268	240560	3813590	0.5286	7.31	7.31	0	PERIOD
269	240580	3813590	0.5215	7.23	7.23	0	PERIOD
270	240600	3813590	0.51324	7.27	7.27	0	PERIOD
271	240620	3813590	0.50434	7.15	7.15	0	PERIOD
272	240640	3813590	0.49444	7.01	7.01	0	PERIOD
273	240660	3813590	0.48392	6.77	6.77	0	PERIOD
274	240680	3813590	0.47189	6.96	6.96	0	PERIOD
275	240460	3813610	0.53037	7.38	7.38	0	PERIOD
276	240480	3813610	0.51592	7.37	7.37	0	PERIOD
277	240500	3813610	0.50485	7.39	7.39	0	PERIOD
278	240520	3813610	0.49634	7.45	7.45	0	PERIOD
279	240540	3813610	0.48957	7.5	7.5	0	PERIOD
280	240560	3813610	0.48348	7.57	7.57	0	PERIOD
281	240580	3813610	0.47716	7.7	7.7	0	PERIOD

282	240600	3813610	0.47072	7.64	7.64	0	PERIOD
283	240620	3813610	0.46356	7.5	7.5	0	PERIOD
284	240640	3813610	0.45543	7.37	7.37	0	PERIOD
285	240660	3813610	0.44651	7.23	7.23	0	PERIOD
286	240680	3813610	0.43699	7.07	7.07	0	PERIOD
287	240460	3813630	0.48477	7.46	7.46	0	PERIOD
288	240480	3813630	0.47206	7.54	7.54	0	PERIOD
289	240500	3813630	0.46213	7.69	7.69	0	PERIOD
290	240520	3813630	0.45478	7.76	7.76	0	PERIOD
291	240540	3813630	0.44871	7.86	7.86	0	PERIOD
292	240560	3813630	0.44396	7.82	7.82	0	PERIOD
293	240580	3813630	0.43873	7.88	7.88	0	PERIOD
294	240600	3813630	0.4338	7.78	7.78	0	PERIOD
295	240620	3813630	0.428	7.61	7.61	0	PERIOD
296	240640	3813630	0.42134	7.46	7.46	0	PERIOD
297	240660	3813630	0.41379	7.37	7.37	0	PERIOD
298	240680	3813630	0.40586	7.15	7.15	0	PERIOD
299	240460	3813650	0.44499	7.55	7.55	0	PERIOD
300	240480	3813650	0.43397	7.63	7.63	0	PERIOD
301	240500	3813650	0.42505	7.83	7.83	0	PERIOD
302	240520	3813650	0.41828	7.96	7.96	0	PERIOD
303	240540	3813650	0.41353	7.94	7.94	0	PERIOD
304	240560	3813650	0.40869	8.12	8.12	0	PERIOD
305	240580	3813650	0.4049	8.01	8.01	0	PERIOD
306	240600	3813650	0.40073	7.95	7.95	0	PERIOD
307	240620	3813650	0.39616	7.81	7.81	0	PERIOD
308	240640	3813650	0.39062	7.72	7.72	0	PERIOD
309	240660	3813650	0.38427	7.66	7.66	0	PERIOD
310	240680	3813650	0.37782	7.29	7.29	0	PERIOD
311	240460	3813670	0.41029	7.56	7.56	0	PERIOD
312	240480	3813670	0.40073	7.62	7.62	0	PERIOD
313	240500	3813670	0.39325	7.73	7.73	0	PERIOD
314	240520	3813670	0.38732	7.87	7.87	0	PERIOD
315	240540	3813670	0.38215	8.12	8.12	0	PERIOD
316	240560	3813670	0.37746	8.34	8.34	0	PERIOD
317	240580	3813670	0.37464	8.27	8.27	0	PERIOD
318	240600	3813670	0.37094	8.28	8.28	0	PERIOD
319	240620	3813670	0.36721	8.11	8.11	0	PERIOD
320	240640	3813670	0.36254	8.05	8.05	0	PERIOD
321	240660	3813670	0.35782	7.83	7.83	0	PERIOD
322	240680	3813670	0.35249	7.48	7.48	0	PERIOD
323	240460	3813690	0.37956	7.61	7.61	0	PERIOD
324	240480	3813690	0.3709	7.79	7.79	0	PERIOD
325	240500	3813690	0.36396	7.94	7.94	0	PERIOD
326	240520	3813690	0.35669	8.43	8.43	0	PERIOD
327	240540	3813690	0.35467	8.18	8.18	0	PERIOD
328	240560	3813690	0.35116	8.3	8.3	0	PERIOD

329	240580	3813690	0.34947	7.88	7.88	0	PERIOD
330	240600	3813690	0.34524	8.28	8.28	0	PERIOD
331	240620	3813690	0.34147	8.31	8.31	0	PERIOD
332	240640	3813690	0.33789	8.2	8.2	0	PERIOD
333	240660	3813690	0.33383	8.01	8.01	0	PERIOD
334	240680	3813690	0.32898	7.95	7.95	0	PERIOD
335	240460	3813710	0.35215	7.72	7.72	0	PERIOD
336	240480	3813710	0.34408	7.96	7.96	0	PERIOD
337	240500	3813710	0.33796	8.16	8.16	0	PERIOD
338	240520	3813710	0.33065	8.6	8.6	0	PERIOD
339	240540	3813710	0.32916	8.37	8.37	0	PERIOD
340	240560	3813710	0.32589	8.46	8.46	0	PERIOD
341	240580	3813710	0.32528	8.08	8.08	0	PERIOD

Source Gro	Num Hours (NUM HRS)	Haul 1	Haul 2	Haul 3	Haul 4
HAUL1	43848	1.19252	0.20389	0.11689	0.09547
HAUL1	43848	0.6574	0.17705	0.10841	0.09429
HAUL1	43848	0.69503	0.17983	0.10958	0.09491
HAUL1	43848	0.75433	0.18502	0.11171	0.09639
HAUL1	43848	0.83093	0.19038	0.11386	0.09765
HAUL1	43848	0.88371	0.19377	0.11519	0.09843
HAUL1	43848	0.98725	0.19998	0.1176	0.09987
HAUL1	43848	0.42425	0.16634	0.09712	0.07261
HAUL1	43848	0.40937	0.16496	0.09642	0.07211
HAUL1	43848	0.39623	0.16366	0.09564	0.07155
HAUL1	43848	0.38319	0.16231	0.09488	0.07102
HAUL1	43848	0.36987	0.16088	0.09418	0.07053
HAUL1	43848	0.35683	0.1594	0.09351	0.07008
HAUL1	43848	0.34406	0.15787	0.0929	0.06967
HAUL1	43848	0.33183	0.15632	0.09232	0.06929
HAUL1	43848	0.45797	0.17477	0.10038	0.07462
HAUL1	43848	0.44101	0.17328	0.09964	0.07409
HAUL1	43848	0.42581	0.1719	0.09882	0.07351
HAUL1	43848	0.41071	0.17046	0.09803	0.07295
HAUL1	43848	0.39535	0.16891	0.0973	0.07245
HAUL1	43848	0.38087	0.16737	0.09658	0.07196
HAUL1	43848	0.3667	0.16578	0.09592	0.07152
HAUL1	43848	0.35267	0.16408	0.09533	0.07113
HAUL1	43848	0.4588	0.18087	0.10218	0.07555
HAUL1	43848	0.4414	0.17933	0.10136	0.07497
HAUL1	43848	0.42355	0.17763	0.10061	0.07446
HAUL1	43848	0.40715	0.17598	0.09985	0.07394
HAUL1	43848	0.39144	0.17431	0.09914	0.07347
HAUL1	43848	0.37558	0.17246	0.09852	0.07306
HAUL1	43848	0.49581	0.19065	0.10574	0.07769
HAUL1	43848	0.47597	0.18903	0.10487	0.07708
HAUL1	43848	0.45547	0.18718	0.10409	0.07655
HAUL1	43848	0.43694	0.18542	0.10329	0.07601
HAUL1	43848	0.41929	0.18363	0.10254	0.0755
HAUL1	43848	0.40157	0.18167	0.10188	0.07507
HAUL1	43848	0.53859	0.20143	0.10948	0.07991
HAUL1	43848	0.51555	0.19967	0.10858	0.07929
HAUL1	43848	0.49215	0.19769	0.10776	0.07873
HAUL1	43848	0.47096	0.19578	0.10692	0.07816
HAUL1	43848	0.45112	0.19387	0.10612	0.07763
HAUL1	43848	0.43104	0.19175	0.10543	0.07718
HAUL1	43848	1.00767	0.22938	0.11937	0.08829
HAUL1	43848	0.97615	0.22935	0.11944	0.088
HAUL1	43848	0.94066	0.22886	0.11938	0.08766
HAUL1	43848	0.90248	0.22799	0.11921	0.08728
HAUL1	43848	0.86178	0.22676	0.11896	0.08687

HAUL1	43848	0.8201	0.22522	0.11862	0.08645
HAUL1	43848	0.78246	0.22369	0.11812	0.08594
HAUL1	43848	0.58779	0.21326	0.11345	0.08225
HAUL1	43848	0.56129	0.21138	0.11251	0.0816
HAUL1	43848	0.53453	0.20926	0.11164	0.08101
HAUL1	43848	0.51033	0.2072	0.11077	0.08042
HAUL1	43848	0.48754	0.20509	0.10993	0.07986
HAUL1	43848	0.46456	0.20278	0.10921	0.07939
HAUL1	43848	1.23491	0.24192	0.12277	0.09084
HAUL1	43848	1.18194	0.24247	0.1232	0.09073
HAUL1	43848	1.13447	0.24269	0.12338	0.09047
HAUL1	43848	1.07969	0.24226	0.12346	0.0902
HAUL1	43848	1.02863	0.24153	0.12336	0.08983
HAUL1	43848	0.97818	0.24045	0.12313	0.08941
HAUL1	43848	0.92538	0.2389	0.12284	0.08899
HAUL1	43848	0.87792	0.23729	0.12239	0.08849
HAUL1	43848	0.8352	0.23574	0.12178	0.08791
HAUL1	43848	0.64527	0.22631	0.11767	0.08471
HAUL1	43848	0.61488	0.22431	0.11668	0.08402
HAUL1	43848	0.58457	0.22208	0.11575	0.08339
HAUL1	43848	0.55589	0.21976	0.11485	0.08279
HAUL1	43848	0.53005	0.21748	0.11396	0.0822
HAUL1	43848	0.50399	0.21502	0.11319	0.0817
HAUL1	43848	1.40195	0.25668	0.12723	0.09329
HAUL1	43848	1.33278	0.25727	0.1275	0.09306
HAUL1	43848	1.25842	0.25716	0.12767	0.0928
HAUL1	43848	1.18446	0.25644	0.12771	0.09249
HAUL1	43848	1.11983	0.25549	0.12754	0.09208
HAUL1	43848	1.05728	0.25414	0.12725	0.09162
HAUL1	43848	0.99392	0.25228	0.1269	0.09117
HAUL1	43848	0.94128	0.25072	0.12631	0.09059
HAUL1	43848	0.677	0.23856	0.12113	0.08659
HAUL1	43848	0.64085	0.23604	0.12019	0.08594
HAUL1	43848	0.60824	0.23357	0.11923	0.0853
HAUL1	43848	0.57813	0.23108	0.1183	0.08469
HAUL1	43848	0.54842	0.22838	0.11748	0.08416
HAUL1	43848	1.70922	0.27236	0.13131	0.09587
HAUL1	43848	1.58741	0.27324	0.13183	0.09577
HAUL1	43848	1.48796	0.27356	0.13208	0.09551
HAUL1	43848	1.38726	0.27303	0.13223	0.09524
HAUL1	43848	1.29931	0.27211	0.13218	0.09487
HAUL1	43848	1.22053	0.2709	0.13195	0.09441
HAUL1	43848	1.14203	0.26911	0.13163	0.09395
HAUL1	43848	1.07267	0.26733	0.13112	0.0934
HAUL1	43848	1.01135	0.26568	0.13043	0.09275
HAUL1	43848	0.79439	0.25681	0.12692	0.09002
HAUL1	43848	0.75072	0.25438	0.12588	0.08929

HAUL1	43848	0.70801	0.25161	0.12489	0.08862
HAUL1	43848	0.66994	0.24893	0.12388	0.08795
HAUL1	43848	0.63462	0.24618	0.12291	0.08731
HAUL1	43848	0.60034	0.24323	0.12204	0.08675
HAUL1	43848	1.92934	0.29077	0.13637	0.0986
HAUL1	43848	1.79609	0.29164	0.13671	0.09835
HAUL1	43848	1.66536	0.29161	0.13694	0.09807
HAUL1	43848	1.53477	0.29054	0.13708	0.09779
HAUL1	43848	1.43193	0.28953	0.13691	0.09734
HAUL1	43848	1.33357	0.28799	0.13661	0.09685
HAUL1	43848	1.23934	0.28594	0.13619	0.09634
HAUL1	43848	1.16224	0.28437	0.13551	0.09567
HAUL1	43848	0.89408	0.27497	0.13196	0.09285
HAUL1	43848	0.84006	0.2722	0.13091	0.09211
HAUL1	43848	0.78913	0.26916	0.12987	0.09141
HAUL1	43848	0.74265	0.26607	0.12884	0.09073
HAUL1	43848	0.70071	0.26302	0.12783	0.09007
HAUL1	43848	0.66002	0.25967	0.12692	0.08949
HAUL1	43848	2.22672	0.31159	0.14161	0.10134
HAUL1	43848	2.04139	0.31206	0.14194	0.10109
HAUL1	43848	1.86089	0.31138	0.14218	0.10082
HAUL1	43848	1.70978	0.3103	0.14216	0.10042
HAUL1	43848	1.58038	0.30909	0.14189	0.09991
HAUL1	43848	1.45548	0.30711	0.14152	0.09939
HAUL1	43848	1.34828	0.30521	0.14094	0.09876
HAUL1	43848	1.25589	0.30336	0.14016	0.09805
HAUL1	43848	1.01725	0.29552	0.13728	0.0958
HAUL1	43848	0.94678	0.29224	0.13627	0.09509
HAUL1	43848	0.88634	0.28899	0.13517	0.09434
HAUL1	43848	0.82959	0.28547	0.13411	0.09364
HAUL1	43848	0.7782	0.28192	0.13308	0.09297
HAUL1	43848	0.73021	0.27819	0.13212	0.09236
HAUL1	43848	2.84394	0.33362	0.14677	0.10449
HAUL1	43848	2.55705	0.33472	0.14726	0.10427
HAUL1	43848	2.30743	0.33486	0.14753	0.10397
HAUL1	43848	2.07674	0.33373	0.14769	0.10364
HAUL1	43848	1.89483	0.33276	0.14751	0.10314
HAUL1	43848	1.73094	0.33116	0.14716	0.10258
HAUL1	43848	1.58103	0.32883	0.14669	0.102
HAUL1	43848	1.46078	0.32701	0.14593	0.10127
HAUL1	43848	1.06852	0.31442	0.14209	0.09829
HAUL1	43848	0.99748	0.31107	0.1409	0.09748
HAUL1	43848	0.93127	0.30737	0.13975	0.09671
HAUL1	43848	0.86876	0.3033	0.13868	0.09602
HAUL1	43848	0.81087	0.29896	0.13769	0.0954
HAUL1	43848	3.26156	0.36014	0.15284	0.1076
HAUL1	43848	2.8897	0.36116	0.15322	0.1073

HAUL1	43848	2.56077	0.36067	0.15347	0.10697
HAUL1	43848	2.29097	0.35956	0.15346	0.10653
HAUL1	43848	2.07358	0.35841	0.15316	0.10595
HAUL1	43848	1.87641	0.35625	0.15274	0.10536
HAUL1	43848	1.70904	0.35383	0.15211	0.10469
HAUL1	43848	1.56947	0.35145	0.15124	0.10391
HAUL1	43848	1.21884	0.34033	0.1482	0.10159
HAUL1	43848	1.12951	0.33637	0.147	0.10077
HAUL1	43848	1.04789	0.33209	0.14582	0.09998
HAUL1	43848	0.97345	0.32759	0.14468	0.09925
HAUL1	43848	0.90447	0.3227	0.14363	0.09859
HAUL1	43848	4.1962	0.38905	0.15866	0.11105
HAUL1	43848	3.62658	0.39082	0.15924	0.11081
HAUL1	43848	3.17028	0.39129	0.15959	0.11048
HAUL1	43848	2.78927	0.39033	0.15975	0.11009
HAUL1	43848	2.49081	0.38934	0.15958	0.10954
HAUL1	43848	2.23853	0.38764	0.15918	0.10891
HAUL1	43848	2.01859	0.38511	0.15862	0.10824
HAUL1	43848	1.82996	0.38209	0.15786	0.10751
HAUL1	43848	1.66231	0.37825	0.15699	0.10675
HAUL1	43848	1.51953	0.37429	0.15593	0.10593
HAUL1	43848	1.39142	0.3697	0.15481	0.10511
HAUL1	43848	1.27891	0.36492	0.15361	0.10429
HAUL1	43848	1.17986	0.36008	0.15237	0.10347
HAUL1	43848	1.09337	0.3554	0.15111	0.10265
HAUL1	43848	1.01237	0.3501	0.14996	0.10193
HAUL1	43848	4.56465	0.42462	0.16559	0.1145
HAUL1	43848	3.93959	0.42631	0.16608	0.11417
HAUL1	43848	3.42615	0.42622	0.16637	0.11379
HAUL1	43848	3.00759	0.42496	0.16641	0.11331
HAUL1	43848	2.67299	0.42346	0.16612	0.1127
HAUL1	43848	2.38505	0.42082	0.16565	0.11204
HAUL1	43848	2.13539	0.41703	0.165	0.11134
HAUL1	43848	1.92127	0.41238	0.16419	0.11059
HAUL1	43848	1.74421	0.40816	0.16311	0.10974
HAUL1	43848	1.58779	0.40315	0.16195	0.10888
HAUL1	43848	1.45156	0.39794	0.16069	0.108
HAUL1	43848	1.33315	0.39277	0.15936	0.10712
HAUL1	43848	1.22907	0.38749	0.15801	0.10624
HAUL1	43848	1.13237	0.38136	0.1568	0.10548
HAUL1	43848	5.8958	0.46474	0.17212	0.11823
HAUL1	43848	4.94299	0.46674	0.17296	0.11806
HAUL1	43848	4.24296	0.46794	0.17339	0.11768
HAUL1	43848	3.66876	0.46716	0.1736	0.11724
HAUL1	43848	3.2085	0.46547	0.1735	0.11668
HAUL1	43848	2.83035	0.46287	0.17312	0.11603
HAUL1	43848	2.50972	0.45892	0.17254	0.11532

HAUL1	43848	2.2413	0.45426	0.17172	0.11453
HAUL1	43848	2.01545	0.44921	0.17068	0.11367
HAUL1	43848	1.82158	0.4436	0.16949	0.11277
HAUL1	43848	1.65368	0.43754	0.16819	0.11186
HAUL1	43848	1.50742	0.4312	0.16684	0.11095
HAUL1	43848	1.3801	0.42475	0.16545	0.11006
HAUL1	43848	1.26366	0.41727	0.1642	0.10927
HAUL1	43848	6.27757	0.51374	0.18026	0.12216
HAUL1	43848	5.28485	0.51671	0.18087	0.12181
HAUL1	43848	4.49894	0.51724	0.18122	0.12137
HAUL1	43848	3.85602	0.51497	0.18138	0.1209
HAUL1	43848	3.35206	0.51205	0.18116	0.12028
HAUL1	43848	2.94073	0.50791	0.18066	0.11956
HAUL1	43848	2.60186	0.50287	0.17989	0.11875
HAUL1	43848	2.31791	0.4969	0.17889	0.11788
HAUL1	43848	2.07814	0.49035	0.1777	0.11695
HAUL1	43848	1.87252	0.48315	0.17639	0.11602
HAUL1	43848	1.69464	0.47541	0.17501	0.11509
HAUL1	43848	1.54219	0.46774	0.17356	0.11415
HAUL1	43848	1.40601	0.45895	0.17221	0.1133
HAUL1	43848	6.58462	0.57416	0.18885	0.12618
HAUL1	43848	5.49619	0.57643	0.1894	0.12576
HAUL1	43848	4.64647	0.57567	0.18968	0.12527
HAUL1	43848	3.97284	0.57216	0.18968	0.12471
HAUL1	43848	3.44005	0.56724	0.18934	0.12402
HAUL1	43848	3.01009	0.56112	0.18867	0.12322
HAUL1	43848	2.65584	0.55381	0.18774	0.12235
HAUL1	43848	2.35779	0.54505	0.18663	0.12144
HAUL1	43848	2.10908	0.53646	0.18531	0.12047
HAUL1	43848	1.89751	0.5275	0.18386	0.11949
HAUL1	43848	1.71653	0.51823	0.18234	0.1185
HAUL1	43848	1.55859	0.5078	0.18086	0.11758
HAUL1	43848	4.01869	0.64127	0.19855	0.12868
HAUL1	43848	3.47673	0.63385	0.19802	0.12789
HAUL1	43848	3.03761	0.62488	0.19718	0.12702
HAUL1	43848	2.67474	0.61441	0.19609	0.12609
HAUL1	43848	2.37213	0.60302	0.1948	0.12511
HAUL1	43848	2.11888	0.59143	0.19333	0.1241
HAUL1	43848	1.90325	0.57883	0.1918	0.1231
HAUL1	43848	1.71763	0.56486	0.1903	0.12215
HAUL1	43848	3.98431	0.72186	0.20823	0.13294
HAUL1	43848	3.44432	0.71032	0.20751	0.13207
HAUL1	43848	3.00667	0.69728	0.20647	0.13111
HAUL1	43848	2.64509	0.68227	0.20522	0.13013
HAUL1	43848	2.34649	0.66719	0.20373	0.12907
HAUL1	43848	2.09481	0.65032	0.20217	0.12804
HAUL1	43848	1.88113	0.63173	0.2006	0.12706

HAUL1	43848	7.258	0.57209	0.18845	0.12634
HAUL1	43848	7.36909	0.64544	0.19781	0.13064
HAUL1	43848	6.08576	0.64874	0.19841	0.13019
HAUL1	43848	5.10162	0.6479	0.19873	0.12967
HAUL1	43848	7.32099	0.73621	0.20796	0.13519
HAUL1	43848	6.02971	0.73637	0.20855	0.13472
HAUL1	43848	5.06216	0.73396	0.20867	0.13406
HAUL1	43848	4.30174	0.72658	0.20847	0.13334
HAUL1	43848	0.67706	4.76327	0.71121	0.39598
HAUL1	43848	0.66252	5.59162	0.78317	0.40988
HAUL1	43848	0.65107	6.66986	0.86538	0.42262
HAUL1	43848	0.64094	8.13292	0.9587	0.43383
HAUL1	43848	0.62981	10.17762	1.06433	0.44354
HAUL1	43848	0.61748	13.23246	1.18153	0.45141
HAUL1	43848	0.60354	18.16895	1.30843	0.45744
HAUL1	43848	0.58853	27.18171	1.43952	0.46149
HAUL1	43848	0.57293	23.98313	1.56586	0.46358
HAUL1	43848	0.64408	3.26736	0.61709	0.38323
HAUL1	43848	0.62495	3.74481	0.6756	0.40044
HAUL1	43848	0.61026	4.31689	0.74339	0.4175
HAUL1	43848	0.59898	5.02095	0.82221	0.43405
HAUL1	43848	0.58993	5.9162	0.91395	0.44964
HAUL1	43848	0.58093	7.07475	1.02144	0.46417
HAUL1	43848	0.57205	8.66717	1.14607	0.47688
HAUL1	43848	0.56167	10.92943	1.29072	0.48785
HAUL1	43848	0.55037	14.43256	1.45491	0.49652
HAUL1	43848	0.53817	20.42025	1.63572	0.50278
HAUL1	43848	0.5256	32.01418	1.82336	0.50641
HAUL1	43848	0.58335	3.03469	0.63994	0.39927
HAUL1	43848	0.56603	3.44182	0.70333	0.41943
HAUL1	43848	0.55363	3.93245	0.7769	0.43948
HAUL1	43848	0.54379	4.52348	0.86351	0.45943
HAUL1	43848	0.53611	5.26386	0.96561	0.47862
HAUL1	43848	0.5286	6.20143	1.0873	0.49692
HAUL1	43848	0.5215	7.46578	1.23173	0.51337
HAUL1	43848	0.51324	9.20945	1.40469	0.52797
HAUL1	43848	0.50434	11.81715	1.60963	0.53991
HAUL1	43848	0.49444	15.99515	1.84987	0.54912
HAUL1	43848	0.48392	23.40573	2.12171	0.55534
HAUL1	43848	0.47189	38.48564	2.41702	0.55967
HAUL1	43848	0.53037	2.81877	0.66369	0.4155
HAUL1	43848	0.51592	3.17569	0.73176	0.43839
HAUL1	43848	0.50485	3.59468	0.81173	0.46185
HAUL1	43848	0.49634	4.09593	0.9065	0.48555
HAUL1	43848	0.48957	4.71153	1.01966	0.50896
HAUL1	43848	0.48348	5.48577	1.15604	0.53162
HAUL1	43848	0.47716	6.48668	1.322	0.553

HAUL1	43848	0.47072	7.86203	1.52477	0.57211
HAUL1	43848	0.46356	9.83512	1.77452	0.58852
HAUL1	43848	0.45543	12.82963	2.08331	0.60191
HAUL1	43848	0.44651	17.79274	2.46207	0.61193
HAUL1	43848	0.43699	27.03524	2.91253	0.61852
HAUL1	43848	0.48477	2.62369	0.68732	0.43157
HAUL1	43848	0.47206	2.93331	0.76057	0.45752
HAUL1	43848	0.46213	3.29155	0.84728	0.48465
HAUL1	43848	0.45478	3.71871	0.95065	0.51243
HAUL1	43848	0.44871	4.23465	1.07542	0.54056
HAUL1	43848	0.44396	4.88242	1.22736	0.56822
HAUL1	43848	0.43873	5.70341	1.4153	0.59508
HAUL1	43848	0.4338	6.80356	1.65013	0.61994
HAUL1	43848	0.428	8.33187	1.94805	0.64212
HAUL1	43848	0.42134	10.55436	2.33224	0.66105
HAUL1	43848	0.41379	14.01197	2.83542	0.67623
HAUL1	43848	0.40586	19.99276	3.49511	0.68693
HAUL1	43848	0.44499	2.44522	0.71011	0.44758
HAUL1	43848	0.43397	2.71627	0.78844	0.47655
HAUL1	43848	0.42505	3.02572	0.8818	0.5074
HAUL1	43848	0.41828	3.39035	0.99397	0.53964
HAUL1	43848	0.41353	3.83202	1.13031	0.57271
HAUL1	43848	0.40869	4.36353	1.29873	0.60661
HAUL1	43848	0.4049	5.04593	1.50983	0.63978
HAUL1	43848	0.40073	5.92568	1.77891	0.67187
HAUL1	43848	0.39616	7.11242	2.1291	0.70159
HAUL1	43848	0.39062	8.76708	2.59712	0.72812
HAUL1	43848	0.38427	11.21393	3.24249	0.75048
HAUL1	43848	0.37782	15.22776	4.15796	0.767
HAUL1	43848	0.41029	2.28319	0.73111	0.46345
HAUL1	43848	0.40073	2.52147	0.81426	0.49543
HAUL1	43848	0.39325	2.79286	0.91379	0.52991
HAUL1	43848	0.38732	3.10724	1.03433	0.56674
HAUL1	43848	0.38215	3.47508	1.18226	0.60578
HAUL1	43848	0.37746	3.91874	1.36544	0.64632
HAUL1	43848	0.37464	4.4776	1.5993	0.68719
HAUL1	43848	0.37094	5.17942	1.9018	0.72805
HAUL1	43848	0.36721	6.10546	2.30626	0.76712
HAUL1	43848	0.36254	7.34382	2.86104	0.8036
HAUL1	43848	0.35782	9.11512	3.65529	0.83531
HAUL1	43848	0.35249	11.80205	4.85998	0.86088
HAUL1	43848	0.37956	2.13388	0.74981	0.47943
HAUL1	43848	0.3709	2.34109	0.83754	0.51462
HAUL1	43848	0.36396	2.57626	0.94288	0.55299
HAUL1	43848	0.35669	2.83879	1.07001	0.59514
HAUL1	43848	0.35467	3.16368	1.22882	0.63925
HAUL1	43848	0.35116	3.53945	1.42662	0.68679

HAUL1	43848	0.34947	4.01522	1.68137	0.73541
HAUL1	43848	0.34524	4.56585	2.01386	0.78719
HAUL1	43848	0.34147	5.27941	2.46325	0.83821
HAUL1	43848	0.33789	6.21448	3.09663	0.88721
HAUL1	43848	0.33383	7.47665	4.03259	0.93222
HAUL1	43848	0.32898	9.22295	5.51339	0.97178
HAUL1	43848	0.35215	1.99586	0.76587	0.49569
HAUL1	43848	0.34408	2.17695	0.85754	0.53401
HAUL1	43848	0.33796	2.38081	0.96777	0.57631
HAUL1	43848	0.33065	2.60799	1.10063	0.62327
HAUL1	43848	0.32916	2.88399	1.26839	0.67354
HAUL1	43848	0.32589	3.19965	1.47814	0.72869
HAUL1	43848	0.32528	3.58907	1.75234	0.78679

Haul 5	Haul 6	IDLE
0.07814	0.08175	2.2741
0.07545	0.08082	1.18327
0.07596	0.08128	1.2686
0.07702	0.08239	1.40252
0.078	0.08334	1.57983
0.0786	0.08392	1.70347
0.07971	0.085	1.94813
0.07026	0.06622	0.41723
0.06999	0.06584	0.39654
0.06963	0.06538	0.37716
0.06925	0.06493	0.35826
0.06888	0.06449	0.33982
0.06849	0.06406	0.32234
0.0681	0.06364	0.30591
0.06769	0.06323	0.29072
0.07202	0.06789	0.44214
0.07174	0.06749	0.41834
0.07137	0.06702	0.39624
0.07099	0.06655	0.37505
0.07062	0.06611	0.35471
0.07021	0.06565	0.33602
0.0698	0.0652	0.31867
0.0694	0.06479	0.30248
0.07319	0.06872	0.41618
0.07281	0.06824	0.39284
0.07244	0.0678	0.37065
0.07203	0.06732	0.35076
0.0716	0.06685	0.33265
0.07119	0.06643	0.31568
0.07508	0.0705	0.43743
0.07469	0.07	0.4123
0.07433	0.06954	0.38853
0.07391	0.06905	0.36766
0.07346	0.06856	0.34885
0.07305	0.06812	0.3313
0.07702	0.07233	0.46133
0.07664	0.07182	0.43446
0.07628	0.07135	0.40944
0.07585	0.07085	0.38761
0.0754	0.07034	0.36821
0.07498	0.06988	0.34997
0.07977	0.07802	1.02864
0.07996	0.07791	0.9923
0.08012	0.07775	0.95013
0.08023	0.07756	0.90231
0.08031	0.07735	0.84944

0.08037	0.07712	0.79397
0.08034	0.07681	0.74069
0.07905	0.07425	0.48882
0.07867	0.07373	0.46062
0.0783	0.07324	0.43451
0.07787	0.07272	0.41184
0.07742	0.0722	0.39159
0.077	0.07173	0.37245
0.08113	0.07983	1.2471
0.08152	0.07989	1.19101
0.08177	0.07982	1.13692
0.08201	0.07973	1.07296
0.08216	0.07956	1.00691
0.08226	0.07934	0.93821
0.08235	0.07913	0.86757
0.08236	0.07884	0.8019
0.08227	0.07847	0.74236
0.08117	0.07626	0.5218
0.08078	0.07571	0.4926
0.08039	0.07519	0.46569
0.07999	0.07468	0.44153
0.07952	0.07413	0.42055
0.07909	0.07364	0.40045
0.08334	0.08184	1.38675
0.08363	0.0818	1.30715
0.08391	0.08173	1.21726
0.08414	0.08162	1.12339
0.08427	0.08142	1.03441
0.08436	0.08118	0.9493
0.08445	0.08095	0.8688
0.08439	0.08059	0.80063
0.083	0.07781	0.53186
0.08264	0.07729	0.50299
0.08222	0.07675	0.47782
0.08175	0.07619	0.45535
0.08131	0.07568	0.4339
0.08512	0.08377	1.63717
0.08556	0.08385	1.50557
0.08586	0.0838	1.38109
0.08616	0.08373	1.25513
0.08636	0.08358	1.14076
0.08648	0.08335	1.03929
0.08659	0.08312	0.94731
0.08659	0.0828	0.86951
0.08649	0.0824	0.80442
0.08568	0.08055	0.61481
0.08532	0.08	0.58154

0.08497	0.07947	0.55034
0.08454	0.07891	0.52317
0.08408	0.07834	0.49849
0.08363	0.07781	0.47493
0.08755	0.08599	1.73473
0.08788	0.08595	1.56692
0.08819	0.08588	1.40833
0.08851	0.08583	1.26294
0.08867	0.08561	1.146
0.08878	0.08536	1.04487
0.08886	0.08509	0.95708
0.08878	0.08468	0.88782
0.08804	0.08281	0.68311
0.08772	0.08227	0.64559
0.08737	0.08173	0.61083
0.08697	0.08117	0.57945
0.08652	0.08059	0.55135
0.08608	0.08006	0.52411
0.08998	0.0882	1.78118
0.09034	0.08816	1.58763
0.0907	0.08812	1.4184
0.09094	0.08797	1.2825
0.09107	0.08771	1.17316
0.09118	0.08745	1.07682
0.09119	0.08709	0.99794
0.09108	0.08664	0.93261
0.09047	0.08515	0.77287
0.09022	0.08465	0.72644
0.08986	0.08408	0.68678
0.08949	0.08352	0.6494
0.08906	0.08295	0.61544
0.08862	0.08239	0.58351
0.09218	0.09055	2.04581
0.09259	0.09055	1.81782
0.09294	0.09049	1.63208
0.09328	0.09041	1.47196
0.09346	0.09017	1.34967
0.09358	0.08989	1.24352
0.09367	0.08959	1.14816
0.09359	0.08915	1.0726
0.09289	0.0872	0.82294
0.09252	0.08659	0.77676
0.09212	0.08598	0.73322
0.09171	0.08541	0.69163
0.0913	0.08485	0.65268
0.09491	0.09303	2.14987
0.09529	0.09297	1.93864

0.09566	0.0929	1.75158
0.09593	0.09274	1.59707
0.09607	0.09245	1.47167
0.09619	0.09215	1.35473
0.09621	0.09178	1.25354
0.09611	0.0913	1.16765
0.0956	0.08979	0.94331
0.09527	0.08919	0.8843
0.09489	0.08859	0.82968
0.09449	0.08799	0.77932
0.09407	0.08741	0.73215
0.09727	0.09557	2.66132
0.09773	0.09558	2.38371
0.09812	0.09551	2.14742
0.09848	0.0954	1.9382
0.09869	0.09515	1.76842
0.09882	0.09484	1.61884
0.09889	0.09448	1.48411
0.09889	0.09406	1.36555
0.09883	0.09362	1.25804
0.09867	0.09309	1.16465
0.09847	0.09255	1.07965
0.09819	0.09197	1.0039
0.09783	0.09135	0.93635
0.09738	0.09069	0.87655
0.09695	0.09007	0.82032
0.10025	0.09828	3.00301
0.10069	0.09823	2.67132
0.10108	0.09814	2.38145
0.10141	0.09798	2.13446
0.10159	0.09769	1.92937
0.10173	0.09736	1.74864
0.10182	0.09699	1.58917
0.10183	0.09657	1.4499
0.10169	0.09604	1.33213
0.1015	0.09548	1.22693
0.10122	0.09487	1.13408
0.10086	0.09422	1.05228
0.10041	0.09353	0.97953
0.09998	0.09289	0.91213
0.10273	0.10098	3.80812
0.10334	0.10107	3.29497
0.10378	0.101	2.89224
0.10418	0.10087	2.55312
0.10447	0.10065	2.2723
0.10466	0.10034	2.03615
0.10479	0.09998	1.83345

0.10482	0.09955	1.66043
0.10474	0.09903	1.51204
0.10457	0.09846	1.38296
0.10432	0.09785	1.26991
0.104	0.0972	1.17043
0.10359	0.09651	1.08276
0.10319	0.09586	1.00314
0.1061	0.10404	3.93835
0.10659	0.10399	3.40438
0.10703	0.10388	2.97003
0.10746	0.10376	2.61049
0.10774	0.1035	2.31557
0.10792	0.10315	2.06874
0.10799	0.10272	1.86033
0.10796	0.10222	1.68243
0.10784	0.10165	1.52948
0.10764	0.10104	1.39673
0.10736	0.10039	1.28072
0.10697	0.09969	1.17936
0.10656	0.09901	1.08906
0.10953	0.10714	3.84157
0.11003	0.10706	3.32336
0.11049	0.10693	2.90444
0.11088	0.10674	2.56059
0.11114	0.10645	2.27502
0.11129	0.10605	2.03537
0.11134	0.10557	1.8322
0.11131	0.10505	1.65823
0.11115	0.10444	1.50856
0.11089	0.10377	1.3787
0.11052	0.10305	1.26533
0.1101	0.10232	1.16551
0.11444	0.10984	2.42932
0.11467	0.10948	2.16937
0.11479	0.10903	1.9491
0.11481	0.10851	1.76104
0.11472	0.10792	1.59913
0.11451	0.10726	1.45864
0.11421	0.10655	1.33611
0.11385	0.10584	1.22864
0.11827	0.11315	2.25368
0.11848	0.11274	2.026
0.11856	0.11223	1.83078
0.11855	0.11166	1.66269
0.11839	0.111	1.51616
0.11814	0.1103	1.38839
0.11782	0.10957	1.2763

0.10924	0.10714	4.14804
0.1129	0.11044	3.84189
0.11342	0.11035	3.33012
0.1139	0.11021	2.91724
0.11676	0.11391	3.44837
0.11734	0.11383	3.0261
0.11777	0.11361	2.67432
0.11814	0.11333	2.38229
0.23923	0.26555	0.42132
0.24764	0.2726	0.41191
0.25599	0.27915	0.40254
0.26416	0.28506	0.39336
0.27224	0.29045	0.38409
0.28009	0.29516	0.37494
0.2877	0.29924	0.36583
0.29494	0.30258	0.35692
0.3017	0.30513	0.3483
0.22884	0.25984	0.40734
0.2375	0.26821	0.40055
0.2464	0.27643	0.39312
0.25548	0.28439	0.38527
0.26461	0.29193	0.37724
0.27387	0.29911	0.36885
0.28296	0.30558	0.36063
0.29201	0.31151	0.35223
0.30076	0.31663	0.34401
0.30912	0.3209	0.33599
0.31687	0.32415	0.32835
0.23439	0.26853	0.38021
0.24391	0.27815	0.37404
0.25357	0.2875	0.36768
0.26356	0.29671	0.36076
0.27366	0.30552	0.35369
0.28398	0.314	0.34626
0.29415	0.32173	0.33899
0.30434	0.32888	0.33154
0.31422	0.33511	0.3243
0.32379	0.34046	0.31712
0.33287	0.34479	0.31015
0.34196	0.34867	0.30281
0.24007	0.2774	0.3553
0.25023	0.2881	0.35018
0.26079	0.29878	0.34454
0.2717	0.30933	0.3385
0.28287	0.3196	0.33221
0.29424	0.32948	0.32572
0.30578	0.33886	0.31904

0.31716	0.34739	0.31253
0.32837	0.35503	0.30607
0.33937	0.36176	0.29961
0.35004	0.36749	0.2932
0.36024	0.37216	0.28688
0.2457	0.28623	0.33276
0.25666	0.29821	0.3283
0.26815	0.31033	0.3233
0.28001	0.32235	0.31804
0.29228	0.33421	0.31248
0.30473	0.34561	0.30688
0.31749	0.3566	0.30104
0.33022	0.36678	0.29528
0.34287	0.37606	0.28953
0.35542	0.3844	0.28375
0.36777	0.39175	0.27791
0.37959	0.39779	0.27223
0.25134	0.29503	0.31223
0.26304	0.30829	0.30843
0.27542	0.32189	0.30406
0.28832	0.33553	0.29942
0.3016	0.34899	0.29468
0.3155	0.36241	0.28951
0.32948	0.37514	0.2845
0.34375	0.38731	0.27933
0.35806	0.3986	0.27417
0.37242	0.40897	0.26892
0.38667	0.41827	0.26363
0.40022	0.42589	0.25861
0.25692	0.30372	0.29358
0.26935	0.31828	0.29038
0.28254	0.3333	0.2867
0.29646	0.34864	0.28264
0.31114	0.36422	0.27821
0.3264	0.37972	0.26307
0.34191	0.39464	0.26156
0.3579	0.40915	0.25468
0.37399	0.42272	0.25986
0.39033	0.43547	0.25512
0.40646	0.44685	0.25049
0.42221	0.45669	0.24594
0.26252	0.31236	0.27647
0.27579	0.3284	0.27363
0.28992	0.34504	0.27043
0.30519	0.36255	0.2563
0.32067	0.37965	0.2607
0.33724	0.39727	0.24913

0.35396	0.41415	0.25548
0.37215	0.43171	0.24143
0.39043	0.4482	0.23749
0.40887	0.46364	0.23826
0.42736	0.47781	0.23826
0.44602	0.49081	0.23393
0.26816	0.321	0.26073
0.28224	0.33847	0.25826
0.29732	0.35681	0.25319
0.31363	0.37618	0.24217
0.3304	0.39546	0.23944
0.34843	0.4155	0.23579
0.36689	0.43509	0.24234

Source: EMFAC2021 (v1.0.2) Emission Rates
Region Type: County
Region: Santa Barbara
Calendar Year: 2028
Season: Annual
Vehicle Classification: EMFAC2007 Categories
Units: miles/day for CVMT and EVMT, g/mile for RUNEX, PMBW and PMTW, mph for Speed, kWh/mile f

Region	Calendar Y	Vehicle Cat	Model Yea	Speed	Fuel	Total VMT	CVMT	EVMT	
Santa Barb	2028	HHDT	Aggregate	20	Diesel	12367.47	12367.47		0
Santa Barb	2028	HHDT	Aggregate	30	Diesel	5720.771	5720.771		0
Santa Barb	2028	HHDT	Aggregate	35	Diesel	6606.484	6606.484		0
Santa Barb	2028	HHDT	Aggregate	40	Diesel	7711.619	7711.619		0

or Energy Consumption, gallon/mile for Fuel Consumption. PHEV calculated based on total VMT.

NOx_RUNE	PM2.5_RUI	**PM10_RUN**	CO2_RUNE	CH4_RUNE	N2O_RUNE	ROG_RUNE	TOG_RUNE	CO_RUNEX
3.366398	0.006386	**0.006674**	2016.276	0.001115	0.317665	0.024006	0.027329	0.235525
2.958981	0.010163	**0.010622**	1761.691	0.001053	0.277555	0.022681	0.02582	0.167528
2.472207	0.010528	**0.011004**	1653.457	0.000872	0.260503	0.018774	0.021373	0.133001
2.016979	0.011352	**0.011865**	1563.854	0.000704	0.246386	0.015158	0.017256	0.101647

SOx_RUNE	NH3_RUNE	PM10_PMI	PM2.5_PM	Fuel Consu	Energy Consumption
0.019093	0.215176	0.051793	0.018127	0.198541	0
0.016682	0.203085	0.138576	0.048502	0.173472	0
0.015657	0.203241	0.119128	0.041695	0.162814	0
0.014809	0.204992	0.104364	0.036527	0.153991	0

Source: EMFAC2021 (v1.0.2) Emission Rates
Region Type: County
Region: Santa Barbara
Calendar Year: 2028
Season: Annual
Vehicle Classification: EMFAC2007 Categories
Units: miles/day for CVMT and EVMT, trips/day for Trips, g/mile for RUNEX, PMBW and PMTW, g/trip fo

Region	Calendar Y	Vehicle Cat	Model Yea	Speed	Fuel	Population	Total VMT	CVMT
Santa Barb	2028	HHDT	Aggregate	Aggregate	Diesel	2091.042	204797.6	204797.6

›r STREX, HOTSOAK and RUNLOSS, g/vehicle/day for IDLEX and DIURN. PHEV calculated based on total VI

EVMT	PM10_RUNEX
0	0.025632

MT.

Sywest Industrial Building

Unmitigated Cancer Risk Summary

		Combined Construction + Operational Cancer Risk			
Receptor #	Total Per/Million	Construction	Operation	Receptor	
	0.28	0.26	0.05	235	Residential
1	0.045038	0.0379681	0.00707		
2	0.026862	0.0229934	0.003869		
3	0.028662	0.0245436	0.004118		
4	0.032604	0.0280933	0.004511		
5	0.037278	0.0322509	0.005027		
6	0.040627	0.0352414	0.005386		
7	0.047591	0.0414964	0.006094		
8	0.010264	0.0085586	0.001705		
9	0.009819	0.0081798	0.001639		
10	0.009411	0.0078326	0.001578		
11	0.009015	0.0074966	0.001518		
12	0.008627	0.007168	0.001459		
13	0.008258	0.0068554	0.001403		
14	0.007909	0.0065598	0.00135		
15	0.007584	0.0062845	0.0013		
16	0.011171	0.0093651	0.001806		
17	0.010657	0.0089269	0.001731		
18	0.010189	0.0085284	0.001661		
19	0.009741	0.0081473	0.001593		
20	0.009305	0.0077768	0.001528		
21	0.008904	0.0074362	0.001468		
22	0.008526	0.0071158	0.001411		
23	0.008166	0.0068096	0.001357		
24	0.01112	0.0093713	0.001749		

Sywest Industrial Building

Unmitigated Cancer Risk Summary

		Combined Construction + Operational Cancer Risk		
Receptor #	Total Per/Million	Construction	Operation	Receptor
25	0.010615	0.0089402	0.001674	
26	0.010121	0.0085182	0.001602	
27	0.009679	0.0081419	0.001537	
28	0.009272	0.0077948	0.001477	
29	0.008876	0.0074563	0.00142	
30	0.01226	0.0104154	0.001844	
31	0.011695	0.0099316	0.001763	
32	0.011137	0.0094514	0.001685	
33	0.01065	0.009034	0.001616	
34	0.010205	0.0086525	0.001553	
35	0.00977	0.0082777	0.001492	
36	0.01371	0.0117587	0.001951	
37	0.013065	0.011201	0.001864	
38	0.012433	0.0106524	0.00178	
39	0.011883	0.0101768	0.001707	
40	0.01139	0.0097494	0.00164	
41	0.010898	0.0093212	0.001576	
42	0.030634	0.0268651	0.003769	
43	0.029258	0.0256036	0.003654	
44	0.027801	0.0242795	0.003521	
45	0.026308	0.0229366	0.003372	
46	0.02479	0.0215831	0.003207	
47	0.023282	0.0202484	0.003034	
48	0.021914	0.0190444	0.002869	
49	0.015565	0.0134912	0.002074	
50	0.014823	0.0128426	0.00198	
51	0.014095	0.012204	0.001891	

Sywest Industrial Building

Unmitigated Cancer Risk Summary

		Combined Construction + Operational Cancer Risk		
Receptor #	Total Per/Million	Construction	Operation	Receptor
52	0.013464	0.0116505	0.001813	
53	0.012889	0.0111466	0.001742	
54	0.012314	0.0106399	0.001674	
55	0.041683	0.0371821	0.004501	
56	0.038809	0.0344863	0.004323	
57	0.036375	0.0322226	0.004152	
58	0.033941	0.0299906	0.003951	
59	0.031744	0.0279986	0.003746	
60	0.029669	0.0261355	0.003534	
61	0.02762	0.0243052	0.003315	
62	0.0258	0.0226884	0.003111	
63	0.024198	0.021271	0.002927	
64	0.017962	0.0157448	0.002217	
65	0.017093	0.0149749	0.002118	
66	0.01625	0.0142252	0.002025	
67	0.015474	0.0135339	0.00194	
68	0.014801	0.012936	0.001865	
69	0.014122	0.0123304	0.001792	
70	0.050294	0.045299	0.004995	
71	0.046305	0.041561	0.004745	
72	0.042592	0.0381288	0.004464	
73	0.039176	0.035004	0.004172	
74	0.036249	0.0323501	0.003898	
75	0.033555	0.0299188	0.003636	
76	0.030985	0.0276016	0.003384	
77	0.028891	0.0257206	0.003171	
78	0.019974	0.0176914	0.002283	

Sywest Industrial Building

Unmitigated Cancer Risk Summary

		Combined Construction + Operational Cancer Risk		
Receptor #	Total Per/Million	Construction	Operation	Receptor
79	0.018911	0.0167306	0.00218	
80	0.017982	0.015893	0.002089	
81	0.017148	0.0151405	0.002007	
82	0.016325	0.0143967	0.001928	
83	0.06782	0.0619528	0.005867	
84	0.060578	0.0551294	0.005449	
85	0.054884	0.0498209	0.005063	
86	0.049689	0.0450181	0.004671	
87	0.04531	0.0409929	0.004317	
88	0.041559	0.0375573	0.004001	
89	0.038093	0.0343834	0.00371	
90	0.035168	0.0317071	0.003461	
91	0.03271	0.0294607	0.00325	
92	0.025035	0.0224321	0.002602	
93	0.023635	0.0211512	0.002484	
94	0.02229	0.0199196	0.00237	
95	0.021125	0.0188548	0.002271	
96	0.020064	0.0178852	0.002179	
97	0.019039	0.0169482	0.002091	
98	0.081413	0.0751207	0.006293	
99	0.072491	0.0667178	0.005773	
100	0.064745	0.0594671	0.005278	
101	0.05782	0.0530049	0.004815	
102	0.052459	0.0480148	0.004445	
103	0.047749	0.0436322	0.004116	
104	0.043563	0.0397384	0.003825	
105	0.040274	0.0366812	0.003592	

Sywest Industrial Building

Unmitigated Cancer Risk Summary

		Combined Construction + Operational Cancer Risk		
Receptor #	Total Per/Million	Construction	Operation	Receptor
106	0.030148	0.0272762	0.002872	
107	0.028275	0.0255402	0.002735	
108	0.026543	0.0239365	0.002606	
109	0.024991	0.0225015	0.00249	
110	0.023617	0.0212319	0.002385	
111	0.022289	0.0200062	0.002282	
112	0.097293	0.090652	0.006641	
113	0.08539	0.0793698	0.00602	
114	0.075196	0.0697329	0.005463	
115	0.06709	0.0620788	0.005011	
116	0.060544	0.0559025	0.004642	
117	0.054744	0.050436	0.004308	
118	0.049984	0.0459537	0.00403	
119	0.046043	0.0422456	0.003798	
120	0.036609	0.0333948	0.003215	
121	0.03398	0.030937	0.003043	
122	0.031758	0.0288627	0.002896	
123	0.029705	0.0269485	0.002756	
124	0.02787	0.0252411	0.002629	
125	0.026173	0.0236636	0.00251	
126	0.131281	0.1235154	0.007766	
127	0.113041	0.1060519	0.006989	
128	0.09853	0.0921853	0.006345	
129	0.086365	0.0805877	0.005778	
130	0.07704	0.0717003	0.00534	
131	0.069156	0.0642007	0.004955	
132	0.062323	0.0577169	0.004606	

Sywest Industrial Building

Unmitigated Cancer Risk Summary

		Combined Construction + Operational Cancer Risk		
Receptor #	Total Per/Million	Construction	Operation	Receptor
133	0.056924	0.0525958	0.004328	
134	0.040643	0.0372374	0.003405	
135	0.037825	0.0345916	0.003234	
136	0.035247	0.0321753	0.003072	
137	0.032851	0.0299339	0.002917	
138	0.030655	0.0278836	0.002772	
139	0.14928	0.1409301	0.00835	
140	0.128407	0.1208472	0.00756	
141	0.111307	0.1044487	0.006858	
142	0.097747	0.0914686	0.006279	
143	0.087032	0.0812227	0.005809	
144	0.077773	0.0724	0.005373	
145	0.070075	0.0650777	0.004998	
146	0.06372	0.0590402	0.00468	
147	0.048639	0.0447868	0.003852	
148	0.044896	0.0412613	0.003635	
149	0.041535	0.0381014	0.003433	
150	0.038513	0.0352659	0.003247	
151	0.035752	0.0326792	0.003073	
152	0.195469	0.1851377	0.010331	
153	0.165369	0.1561309	0.009238	
154	0.141956	0.1336305	0.008326	
155	0.123068	0.1155363	0.007532	
156	0.108296	0.1014018	0.006894	
157	0.096089	0.0897506	0.006338	
158	0.085752	0.0799109	0.005841	
159	0.077044	0.0716386	0.005405	

Sywest Industrial Building

Unmitigated Cancer Risk Summary

		Combined Construction + Operational Cancer Risk		
Receptor #	Total Per/Million	Construction	Operation	Receptor
160	0.069508	0.0644961	0.005011	
161	0.063136	0.0584657	0.00467	
162	0.057539	0.0531794	0.004359	
163	0.052676	0.0485936	0.004082	
164	0.048436	0.0446004	0.003835	
165	0.044751	0.0411345	0.003617	
166	0.041377	0.0379662	0.003411	
167	0.209879	0.1983747	0.011504	
168	0.178298	0.1680627	0.010235	
169	0.153083	0.1439365	0.009146	
170	0.132856	0.1246264	0.00823	
171	0.11669	0.1092137	0.007476	
172	0.103163	0.0963479	0.006815	
173	0.091728	0.0854949	0.006233	
174	0.082064	0.0763383	0.005725	
175	0.074045	0.0687471	0.005298	
176	0.067091	0.0621751	0.004916	
177	0.061091	0.0565121	0.004578	
178	0.055905	0.0516241	0.004281	
179	0.051379	0.0473617	0.004017	
180	0.047279	0.0435085	0.003771	
181	0.263671	0.2491526	0.014519	
182	0.2198	0.2072354	0.012564	
183	0.186716	0.1756543	0.011062	
184	0.16023	0.1504251	0.009805	
185	0.139083	0.1303111	0.008772	
186	0.121886	0.1139774	0.007909	

Sywest Industrial Building

Unmitigated Cancer Risk Summary

		Combined Construction + Operational Cancer Risk		
Receptor #	Total Per/Million	Construction	Operation	Receptor
187	0.107587	0.100419	0.007168	
188	0.095688	0.0891513	0.006537	
189	0.085707	0.0797096	0.005997	
190	0.077207	0.0716796	0.005528	
191	0.069908	0.0647912	0.005116	
192	0.063595	0.0588411	0.004754	
193	0.05812	0.0536856	0.004434	
194	0.053231	0.0490897	0.004142	
195	0.264445	0.2492708	0.015174	
196	0.22174	0.2086001	0.01314	
197	0.188363	0.1768654	0.011498	
198	0.161684	0.1515436	0.01014	
199	0.140479	0.1314384	0.009041	
200	0.123195	0.115069	0.008126	
201	0.108936	0.10158	0.007356	
202	0.09701	0.0903086	0.006701	
203	0.086944	0.0808051	0.006139	
204	0.078352	0.0727023	0.00565	
205	0.070957	0.0657351	0.005222	
206	0.064592	0.0597424	0.004849	
207	0.058991	0.0544764	0.004514	
208	0.254436	0.239228	0.015208	
209	0.214122	0.2009722	0.01315	
210	0.182664	0.1711604	0.011503	
211	0.15763	0.1474664	0.010164	
212	0.137471	0.128404	0.009067	
213	0.120976	0.1128202	0.008155	

Sywest Industrial Building

Unmitigated Cancer Risk Summary

		Combined Construction + Operational Cancer Risk		
Receptor #	Total Per/Million	Construction	Operation	Receptor
214	0.107279	0.0998921	0.007387	
215	0.095747	0.0890187	0.006729	
216	0.086008	0.0798414	0.006166	
217	0.077683	0.0720044	0.005679	
218	0.070518	0.0652636	0.005254	
219	0.064278	0.0594003	0.004878	
220	0.149002	0.1390566	0.009945	
221	0.130794	0.1218894	0.008905	
222	0.115742	0.1077089	0.008033	
223	0.103139	0.0958448	0.007294	
224	0.09248	0.0858187	0.006661	
225	0.083395	0.0772796	0.006115	
226	0.075576	0.0699359	0.00564	
227	0.06879	0.0635678	0.005222	
228	0.137293	0.1277217	0.009572	
229	0.121523	0.1129123	0.008611	
230	0.108326	0.1005261	0.0078	
231	0.097158	0.0900505	0.007108	
232	0.087629	0.0811164	0.006513	
233	0.079421	0.0734266	0.005995	
234	0.072299	0.0667586	0.005541	
235	0.279129	0.2626851	0.016444	
236	0.255836	0.2400113	0.015824	
237	0.215725	0.2020719	0.013654	
238	0.18444	0.1725075	0.011932	
239	0.226627	0.2117334	0.014894	
240	0.193585	0.1806405	0.012944	

Sywest Industrial Building

Unmitigated Cancer Risk Summary

		Combined Construction + Operational Cancer Risk		
Receptor #	Total Per/Million	Construction	Operation	Receptor
241	0.167467	0.156078	0.011389	
242	0.146362	0.1362415	0.010121	
243	0.025398	0.0176927	0.007705	
244	0.026121	0.0174688	0.008652	
245	0.027124	0.0172375	0.009887	
246	0.028565	0.0170053	0.01156	
247	0.030644	0.0167524	0.013892	
248	0.033855	0.0164893	0.017366	
249	0.039171	0.0162097	0.022962	
250	0.049075	0.0159231	0.033151	
251	0.045213	0.0156363	0.029577	
252	0.022445	0.0165414	0.005904	
253	0.022901	0.0164453	0.006456	
254	0.023432	0.0163126	0.007119	
255	0.024089	0.0161513	0.007938	
256	0.02495	0.0159725	0.008978	
257	0.026082	0.015762	0.01032	
258	0.027706	0.0155486	0.012157	
259	0.030066	0.0153104	0.014756	
260	0.033827	0.0150677	0.018759	
261	0.04039	0.0148216	0.025568	
262	0.053279	0.0145827	0.038697	
263	0.020841	0.0152844	0.005557	
264	0.021228	0.0151908	0.006037	
265	0.021709	0.0150907	0.006618	
266	0.022276	0.0149569	0.007319	
267	0.023004	0.0148089	0.008195	

Sywest Industrial Building

Unmitigated Cancer Risk Summary

		Combined Construction + Operational Cancer Risk		
Receptor #	Total Per/Million	Construction	Operation	Receptor
268	0.023932	0.014631	0.009301	
269	0.025237	0.0144533	0.010784	
270	0.027069	0.0142516	0.012818	
271	0.029888	0.0140506	0.015837	
272	0.03448	0.0138412	0.020639	
273	0.042726	0.0136306	0.029095	
274	0.059587	0.0133858	0.046202	
275	0.019385	0.0141447	0.00524	
276	0.019755	0.0140824	0.005673	
277	0.020179	0.0139974	0.006182	
278	0.02068	0.0138894	0.006791	
279	0.021165	0.0136279	0.007538	
280	0.021943	0.0134703	0.008473	
281	0.022971	0.0132962	0.009674	
282	0.024443	0.0131293	0.011313	
283	0.026604	0.0129604	0.013644	
284	0.030089	0.0129406	0.017149	
285	0.035651	0.0127518	0.0229	
286	0.046059	0.0125573	0.033502	
287	0.018088	0.0131294	0.004958	
288	0.018361	0.0130154	0.005345	
289	0.018715	0.0129205	0.005794	
290	0.019145	0.0128152	0.00633	
291	0.019667	0.0126918	0.006975	
292	0.020349	0.0125673	0.007781	
293	0.02122	0.0124231	0.008797	
294	0.022429	0.012282	0.010147	

Sywest Industrial Building

Unmitigated Cancer Risk Summary

		Combined Construction + Operational Cancer Risk		
Receptor #	Total Per/Million	Construction	Operation	Receptor
295	0.024144	0.0121389	0.012005	
296	0.026817	0.0121373	0.01468	
297	0.030765	0.0119699	0.018795	
298	0.037623	0.0118033	0.025819	
299	0.016887	0.0121836	0.004703	
300	0.017185	0.0121309	0.005054	
301	0.017509	0.0120521	0.005457	
302	0.017893	0.0119612	0.005931	
303	0.018372	0.0118671	0.006505	
304	0.018939	0.0117454	0.007193	
305	0.019705	0.0116339	0.008071	
306	0.020704	0.0115094	0.009195	
307	0.022081	0.0113829	0.010698	
308	0.024024	0.0112465	0.012778	
309	0.026926	0.011102	0.015824	
310	0.03186	0.0111093	0.020751	
311	0.01585	0.0113753	0.004475	
312	0.016134	0.011338	0.004796	
313	0.016445	0.0112815	0.005164	
314	0.016798	0.0112074	0.005591	
315	0.017203	0.0111115	0.006092	
316	0.017672	0.0110054	0.006667	
317	0.018338	0.010907	0.007431	
318	0.019166	0.0107949	0.008371	
319	0.020326	0.0106871	0.009639	
320	0.021862	0.0105666	0.011296	
321	0.024105	0.01045	0.013655	

Sywest Industrial Building

Unmitigated Cancer Risk Summary

		Combined Construction + Operational Cancer Risk		
Receptor #	Total Per/Million	Construction	Operation	Receptor
322	0.027558	0.0103372	0.017221	
323	0.014907	0.0106414	0.004266	
324	0.015167	0.0106088	0.004558	
325	0.015456	0.0105631	0.004893	
326	0.015725	0.0104828	0.005242	
327	0.016159	0.0104312	0.005728	
328	0.016595	0.0103466	0.006248	
329	0.017238	0.0102843	0.006954	
330	0.017889	0.010163	0.007726	
331	0.018816	0.0100572	0.008759	
332	0.020086	0.0099541	0.010132	
333	0.021852	0.0098507	0.012001	
334	0.024374	0.0097351	0.014638	
335	0.014046	0.0099718	0.004074	
336	0.01429	0.0099465	0.004343	
337	0.014553	0.0099093	0.004643	
338	0.014813	0.0098456	0.004967	
339	0.015193	0.0098039	0.005389	
340	0.015606	0.0097334	0.005873	
341	0.016177	0.0096792	0.006498	
342	0	0	0	
343	0	0	0	
344	0	0	0	
345	0	0	0	
346	0	0	0	
347	0	0	0	

Sywest Industrial Building

Unmitigated Cancer Risk Summary

	Chronic Non Cancer Risk						
Receptor #	**Max Chronic**	**Receptor**	**Construction**	**Operation**		**Receptor**	
	0.0000		**0.00**	**8.48E-06**		**274**	**Residential**
1	1.81E-06		0.00E+00	1.81E-06			
2	9.90E-07		0.00E+00	9.90E-07			
3	1.05E-06		0.00E+00	1.05E-06			
4	1.15E-06		0.00E+00	1.15E-06			
5	1.29E-06		0.00E+00	1.29E-06			
6	1.38E-06		0.00E+00	1.38E-06			
7	1.56E-06		0.00E+00	1.56E-06			
8	4.36E-07		0.00E+00	4.36E-07			
9	4.19E-07		0.00E+00	4.19E-07			
10	4.04E-07		0.00E+00	4.04E-07			
11	3.89E-07		0.00E+00	3.89E-07			
12	3.73E-07		0.00E+00	3.73E-07			
13	3.59E-07		0.00E+00	3.59E-07			
14	3.45E-07		0.00E+00	3.45E-07			
15	3.33E-07		0.00E+00	3.33E-07			
16	4.62E-07		0.00E+00	4.62E-07			
17	4.43E-07		0.00E+00	4.43E-07			
18	4.25E-07		0.00E+00	4.25E-07			
19	4.08E-07		0.00E+00	4.08E-07			
20	3.91E-07		0.00E+00	3.91E-07			
21	3.76E-07		0.00E+00	3.76E-07			
22	3.61E-07		0.00E+00	3.61E-07			
23	3.47E-07		0.00E+00	3.47E-07			
24	4.47E-07		0.00E+00	4.47E-07			

Sywest Industrial Building

Unmitigated Cancer Risk Summary

	Chronic Non Cancer Risk				
Receptor #	**Max Chronic**	**Receptor**	**Construction**	**Operation**	**Receptor**
25	4.28E-07		0.00E+00	4.28E-07	
26	4.10E-07		0.00E+00	4.10E-07	
27	3.93E-07		0.00E+00	3.93E-07	
28	3.78E-07		0.00E+00	3.78E-07	
29	3.63E-07		0.00E+00	3.63E-07	
30	4.72E-07		0.00E+00	4.72E-07	
31	4.51E-07		0.00E+00	4.51E-07	
32	4.31E-07		0.00E+00	4.31E-07	
33	4.13E-07		0.00E+00	4.13E-07	
34	3.97E-07		0.00E+00	3.97E-07	
35	3.82E-07		0.00E+00	3.82E-07	
36	4.99E-07		0.00E+00	4.99E-07	
37	4.77E-07		0.00E+00	4.77E-07	
38	4.56E-07		0.00E+00	4.56E-07	
39	4.37E-07		0.00E+00	4.37E-07	
40	4.20E-07		0.00E+00	4.20E-07	
41	4.03E-07		0.00E+00	4.03E-07	
42	9.64E-07		0.00E+00	9.64E-07	
43	9.35E-07		0.00E+00	9.35E-07	
44	9.01E-07		0.00E+00	9.01E-07	
45	8.63E-07		0.00E+00	8.63E-07	
46	8.20E-07		0.00E+00	8.20E-07	
47	7.76E-07		0.00E+00	7.76E-07	
48	7.34E-07		0.00E+00	7.34E-07	
49	5.31E-07		0.00E+00	5.31E-07	
50	5.07E-07		0.00E+00	5.07E-07	
51	4.84E-07		0.00E+00	4.84E-07	

Sywest Industrial Building

Unmitigated Cancer Risk Summary

			Chronic Non Cancer Risk		
Receptor #	**Max Chronic**	**Receptor**	**Construction**	**Operation**	**Receptor**
52	4.64E-07		0.00E+00	4.64E-07	
53	4.46E-07		0.00E+00	4.46E-07	
54	4.28E-07		0.00E+00	4.28E-07	
55	1.15E-06		0.00E+00	1.15E-06	
56	1.11E-06		0.00E+00	1.11E-06	
57	1.06E-06		0.00E+00	1.06E-06	
58	1.01E-06		0.00E+00	1.01E-06	
59	9.58E-07		0.00E+00	9.58E-07	
60	9.04E-07		0.00E+00	9.04E-07	
61	8.48E-07		0.00E+00	8.48E-07	
62	7.96E-07		0.00E+00	7.96E-07	
63	7.49E-07		0.00E+00	7.49E-07	
64	5.67E-07		0.00E+00	5.67E-07	
65	5.42E-07		0.00E+00	5.42E-07	
66	5.18E-07		0.00E+00	5.18E-07	
67	4.96E-07		0.00E+00	4.96E-07	
68	4.77E-07		0.00E+00	4.77E-07	
69	4.58E-07		0.00E+00	4.58E-07	
70	1.28E-06		0.00E+00	1.28E-06	
71	1.21E-06		0.00E+00	1.21E-06	
72	1.14E-06		0.00E+00	1.14E-06	
73	1.07E-06		0.00E+00	1.07E-06	
74	9.98E-07		0.00E+00	9.98E-07	
75	9.30E-07		0.00E+00	9.30E-07	
76	8.66E-07		0.00E+00	8.66E-07	
77	8.11E-07		0.00E+00	8.11E-07	
78	5.84E-07		0.00E+00	5.84E-07	

Sywest Industrial Building

Unmitigated Cancer Risk Summary

			Chronic Non Cancer Risk			
Receptor #	**Max Chronic**	**Receptor**	**Construction**	**Operation**		**Receptor**
79	5.58E-07		0.00E+00	5.58E-07		
80	5.35E-07		0.00E+00	5.35E-07		
81	5.14E-07		0.00E+00	5.14E-07		
82	4.93E-07		0.00E+00	4.93E-07		
83	1.50E-06		0.00E+00	1.50E-06		
84	1.39E-06		0.00E+00	1.39E-06		
85	1.30E-06		0.00E+00	1.30E-06		
86	1.20E-06		0.00E+00	1.20E-06		
87	1.10E-06		0.00E+00	1.10E-06		
88	1.02E-06		0.00E+00	1.02E-06		
89	9.49E-07		0.00E+00	9.49E-07		
90	8.86E-07		0.00E+00	8.86E-07		
91	8.31E-07		0.00E+00	8.31E-07		
92	6.66E-07		0.00E+00	6.66E-07		
93	6.35E-07		0.00E+00	6.35E-07		
94	6.07E-07		0.00E+00	6.07E-07		
95	5.81E-07		0.00E+00	5.81E-07		
96	5.58E-07		0.00E+00	5.58E-07		
97	5.35E-07		0.00E+00	5.35E-07		
98	1.61E-06		0.00E+00	1.61E-06		
99	1.48E-06		0.00E+00	1.48E-06		
100	1.35E-06		0.00E+00	1.35E-06		
101	1.23E-06		0.00E+00	1.23E-06		
102	1.14E-06		0.00E+00	1.14E-06		
103	1.05E-06		0.00E+00	1.05E-06		
104	9.79E-07		0.00E+00	9.79E-07		
105	9.19E-07		0.00E+00	9.19E-07		

Sywest Industrial Building

Unmitigated Cancer Risk Summary

			Chronic Non Cancer Risk		
Receptor #	**Max Chronic**	**Receptor**	**Construction**	**Operation**	**Receptor**
106	7.35E-07		0.00E+00	7.35E-07	
107	7.00E-07		0.00E+00	7.00E-07	
108	6.67E-07		0.00E+00	6.67E-07	
109	6.37E-07		0.00E+00	6.37E-07	
110	6.10E-07		0.00E+00	6.10E-07	
111	5.84E-07		0.00E+00	5.84E-07	
112	1.70E-06		0.00E+00	1.70E-06	
113	1.54E-06		0.00E+00	1.54E-06	
114	1.40E-06		0.00E+00	1.40E-06	
115	1.28E-06		0.00E+00	1.28E-06	
116	1.19E-06		0.00E+00	1.19E-06	
117	1.10E-06		0.00E+00	1.10E-06	
118	1.03E-06		0.00E+00	1.03E-06	
119	9.72E-07		0.00E+00	9.72E-07	
120	8.23E-07		0.00E+00	8.23E-07	
121	7.79E-07		0.00E+00	7.79E-07	
122	7.41E-07		0.00E+00	7.41E-07	
123	7.05E-07		0.00E+00	7.05E-07	
124	6.73E-07		0.00E+00	6.73E-07	
125	6.42E-07		0.00E+00	6.42E-07	
126	1.99E-06		0.00E+00	1.99E-06	
127	1.79E-06		0.00E+00	1.79E-06	
128	1.62E-06		0.00E+00	1.62E-06	
129	1.48E-06		0.00E+00	1.48E-06	
130	1.37E-06		0.00E+00	1.37E-06	
131	1.27E-06		0.00E+00	1.27E-06	
132	1.18E-06		0.00E+00	1.18E-06	

Sywest Industrial Building

Unmitigated Cancer Risk Summary

	Chronic Non Cancer Risk				
Receptor #	**Max Chronic**	**Receptor**	**Construction**	**Operation**	**Receptor**
133	1.11E-06		0.00E+00	1.11E-06	
134	8.71E-07		0.00E+00	8.71E-07	
135	8.27E-07		0.00E+00	8.27E-07	
136	7.86E-07		0.00E+00	7.86E-07	
137	7.46E-07		0.00E+00	7.46E-07	
138	7.09E-07		0.00E+00	7.09E-07	
139	2.14E-06		0.00E+00	2.14E-06	
140	1.93E-06		0.00E+00	1.93E-06	
141	1.75E-06		0.00E+00	1.75E-06	
142	1.61E-06		0.00E+00	1.61E-06	
143	1.49E-06		0.00E+00	1.49E-06	
144	1.37E-06		0.00E+00	1.37E-06	
145	1.28E-06		0.00E+00	1.28E-06	
146	1.20E-06		0.00E+00	1.20E-06	
147	9.86E-07		0.00E+00	9.86E-07	
148	9.30E-07		0.00E+00	9.30E-07	
149	8.78E-07		0.00E+00	8.78E-07	
150	8.31E-07		0.00E+00	8.31E-07	
151	7.86E-07		0.00E+00	7.86E-07	
152	2.64E-06		0.00E+00	2.64E-06	
153	2.36E-06		0.00E+00	2.36E-06	
154	2.13E-06		0.00E+00	2.13E-06	
155	1.93E-06		0.00E+00	1.93E-06	
156	1.76E-06		0.00E+00	1.76E-06	
157	1.62E-06		0.00E+00	1.62E-06	
158	1.49E-06		0.00E+00	1.49E-06	
159	1.38E-06		0.00E+00	1.38E-06	

Sywest Industrial Building

Unmitigated Cancer Risk Summary

	Chronic Non Cancer Risk				
Receptor #	**Max Chronic**	**Receptor**	**Construction**	**Operation**	**Receptor**
160	1.28E-06		0.00E+00	1.28E-06	
161	1.19E-06		0.00E+00	1.19E-06	
162	1.12E-06		0.00E+00	1.12E-06	
163	1.04E-06		0.00E+00	1.04E-06	
164	9.81E-07		0.00E+00	9.81E-07	
165	9.25E-07		0.00E+00	9.25E-07	
166	8.73E-07		0.00E+00	8.73E-07	
167	2.94E-06		0.00E+00	2.94E-06	
168	2.62E-06		0.00E+00	2.62E-06	
169	2.34E-06		0.00E+00	2.34E-06	
170	2.11E-06		0.00E+00	2.11E-06	
171	1.91E-06		0.00E+00	1.91E-06	
172	1.74E-06		0.00E+00	1.74E-06	
173	1.59E-06		0.00E+00	1.59E-06	
174	1.46E-06		0.00E+00	1.46E-06	
175	1.36E-06		0.00E+00	1.36E-06	
176	1.26E-06		0.00E+00	1.26E-06	
177	1.17E-06		0.00E+00	1.17E-06	
178	1.10E-06		0.00E+00	1.10E-06	
179	1.03E-06		0.00E+00	1.03E-06	
180	9.65E-07		0.00E+00	9.65E-07	
181	3.71E-06		0.00E+00	3.71E-06	
182	3.21E-06		0.00E+00	3.21E-06	
183	2.83E-06		0.00E+00	2.83E-06	
184	2.51E-06		0.00E+00	2.51E-06	
185	2.24E-06		0.00E+00	2.24E-06	
186	2.02E-06		0.00E+00	2.02E-06	

Sywest Industrial Building

Unmitigated Cancer Risk Summary

	Chronic Non Cancer Risk				
Receptor #	**Max Chronic**	**Receptor**	**Construction**	**Operation**	**Receptor**
187	1.83E-06		0.00E+00	1.83E-06	
188	1.67E-06		0.00E+00	1.67E-06	
189	1.53E-06		0.00E+00	1.53E-06	
190	1.41E-06		0.00E+00	1.41E-06	
191	1.31E-06		0.00E+00	1.31E-06	
192	1.22E-06		0.00E+00	1.22E-06	
193	1.13E-06		0.00E+00	1.13E-06	
194	1.06E-06		0.00E+00	1.06E-06	
195	3.88E-06		0.00E+00	3.88E-06	
196	3.36E-06		0.00E+00	3.36E-06	
197	2.94E-06		0.00E+00	2.94E-06	
198	2.59E-06		0.00E+00	2.59E-06	
199	2.31E-06		0.00E+00	2.31E-06	
200	2.08E-06		0.00E+00	2.08E-06	
201	1.88E-06		0.00E+00	1.88E-06	
202	1.71E-06		0.00E+00	1.71E-06	
203	1.57E-06		0.00E+00	1.57E-06	
204	1.45E-06		0.00E+00	1.45E-06	
205	1.34E-06		0.00E+00	1.34E-06	
206	1.24E-06		0.00E+00	1.24E-06	
207	1.16E-06		0.00E+00	1.16E-06	
208	3.89E-06		0.00E+00	3.89E-06	
209	3.36E-06		0.00E+00	3.36E-06	
210	2.94E-06		0.00E+00	2.94E-06	
211	2.60E-06		0.00E+00	2.60E-06	
212	2.32E-06		0.00E+00	2.32E-06	
213	2.09E-06		0.00E+00	2.09E-06	

Sywest Industrial Building

Unmitigated Cancer Risk Summary

	Chronic Non Cancer Risk				
Receptor #	**Max Chronic**	**Receptor**	**Construction**	**Operation**	**Receptor**
214	1.89E-06		0.00E+00	1.89E-06	
215	1.72E-06		0.00E+00	1.72E-06	
216	1.58E-06		0.00E+00	1.58E-06	
217	1.45E-06		0.00E+00	1.45E-06	
218	1.34E-06		0.00E+00	1.34E-06	
219	1.25E-06		0.00E+00	1.25E-06	
220	2.54E-06		0.00E+00	2.54E-06	
221	2.28E-06		0.00E+00	2.28E-06	
222	2.06E-06		0.00E+00	2.06E-06	
223	1.87E-06		0.00E+00	1.87E-06	
224	1.70E-06		0.00E+00	1.70E-06	
225	1.56E-06		0.00E+00	1.56E-06	
226	1.44E-06		0.00E+00	1.44E-06	
227	1.34E-06		0.00E+00	1.34E-06	
228	2.45E-06		0.00E+00	2.45E-06	
229	2.20E-06		0.00E+00	2.20E-06	
230	2.00E-06		0.00E+00	2.00E-06	
231	1.82E-06		0.00E+00	1.82E-06	
232	1.67E-06		0.00E+00	1.67E-06	
233	1.53E-06		0.00E+00	1.53E-06	
234	1.42E-06		0.00E+00	1.42E-06	
235	4.21E-06		0.00E+00	4.21E-06	
236	4.05E-06		0.00E+00	4.05E-06	
237	3.49E-06		0.00E+00	3.49E-06	
238	3.05E-06		0.00E+00	3.05E-06	
239	3.81E-06		0.00E+00	3.81E-06	
240	3.31E-06		0.00E+00	3.31E-06	

Sywest Industrial Building

Unmitigated Cancer Risk Summary

			Chronic Non Cancer Risk			
Receptor #	**Max Chronic**	**Receptor**	**Construction**	**Operation**		**Receptor**
241	2.91E-06		0.00E+00	2.91E-06		
242	2.59E-06		0.00E+00	2.59E-06		
243	1.97E-06		0.00E+00	1.97E-06		
244	2.21E-06		0.00E+00	2.21E-06		
245	2.53E-06		0.00E+00	2.53E-06		
246	2.96E-06		0.00E+00	2.96E-06		
247	3.55E-06		0.00E+00	3.55E-06		
248	4.44E-06		0.00E+00	4.44E-06		
249	5.88E-06		0.00E+00	5.88E-06		
250	8.48E-06		0.00E+00	8.48E-06		
251	7.57E-06		0.00E+00	7.57E-06		
252	1.51E-06		0.00E+00	1.51E-06		
253	1.65E-06		0.00E+00	1.65E-06		
254	1.82E-06		0.00E+00	1.82E-06		
255	2.03E-06		0.00E+00	2.03E-06		
256	2.30E-06		0.00E+00	2.30E-06		
257	2.64E-06		0.00E+00	2.64E-06		
258	3.11E-06		0.00E+00	3.11E-06		
259	3.78E-06		0.00E+00	3.78E-06		
260	4.80E-06		0.00E+00	4.80E-06		
261	6.54E-06		0.00E+00	6.54E-06		
262	9.90E-06		0.00E+00	9.90E-06		
263	1.42E-06		0.00E+00	1.42E-06		
264	1.54E-06		0.00E+00	1.54E-06		
265	1.69E-06		0.00E+00	1.69E-06		
266	1.87E-06		0.00E+00	1.87E-06		
267	2.10E-06		0.00E+00	2.10E-06		

Sywest Industrial Building

Unmitigated Cancer Risk Summary

	Chronic Non Cancer Risk				
Receptor #	**Max Chronic**	**Receptor**	**Construction**	**Operation**	**Receptor**
268	2.38E-06		0.00E+00	2.38E-06	
269	2.76E-06		0.00E+00	2.76E-06	
270	3.28E-06		0.00E+00	3.28E-06	
271	4.05E-06		0.00E+00	4.05E-06	
272	5.28E-06		0.00E+00	5.28E-06	
273	7.44E-06		0.00E+00	7.44E-06	
274	1.18E-05		0.00E+00	1.18E-05	
275	1.34E-06		0.00E+00	1.34E-06	
276	1.45E-06		0.00E+00	1.45E-06	
277	1.58E-06		0.00E+00	1.58E-06	
278	1.74E-06		0.00E+00	1.74E-06	
279	1.93E-06		0.00E+00	1.93E-06	
280	2.17E-06		0.00E+00	2.17E-06	
281	2.48E-06		0.00E+00	2.48E-06	
282	2.89E-06		0.00E+00	2.89E-06	
283	3.49E-06		0.00E+00	3.49E-06	
284	4.39E-06		0.00E+00	4.39E-06	
285	5.86E-06		0.00E+00	5.86E-06	
286	8.57E-06		0.00E+00	8.57E-06	
287	1.27E-06		0.00E+00	1.27E-06	
288	1.37E-06		0.00E+00	1.37E-06	
289	1.48E-06		0.00E+00	1.48E-06	
290	1.62E-06		0.00E+00	1.62E-06	
291	1.78E-06		0.00E+00	1.78E-06	
292	1.99E-06		0.00E+00	1.99E-06	
293	2.25E-06		0.00E+00	2.25E-06	
294	2.60E-06		0.00E+00	2.60E-06	

Sywest Industrial Building

Unmitigated Cancer Risk Summary

	Chronic Non Cancer Risk				
Receptor #	**Max Chronic**	**Receptor**	**Construction**	**Operation**	**Receptor**
295	3.07E-06		0.00E+00	3.07E-06	
296	3.76E-06		0.00E+00	3.76E-06	
297	4.81E-06		0.00E+00	4.81E-06	
298	6.61E-06		0.00E+00	6.61E-06	
299	1.20E-06		0.00E+00	1.20E-06	
300	1.29E-06		0.00E+00	1.29E-06	
301	1.40E-06		0.00E+00	1.40E-06	
302	1.52E-06		0.00E+00	1.52E-06	
303	1.66E-06		0.00E+00	1.66E-06	
304	1.84E-06		0.00E+00	1.84E-06	
305	2.07E-06		0.00E+00	2.07E-06	
306	2.35E-06		0.00E+00	2.35E-06	
307	2.74E-06		0.00E+00	2.74E-06	
308	3.27E-06		0.00E+00	3.27E-06	
309	4.05E-06		0.00E+00	4.05E-06	
310	5.31E-06		0.00E+00	5.31E-06	
311	1.14E-06		0.00E+00	1.14E-06	
312	1.23E-06		0.00E+00	1.23E-06	
313	1.32E-06		0.00E+00	1.32E-06	
314	1.43E-06		0.00E+00	1.43E-06	
315	1.56E-06		0.00E+00	1.56E-06	
316	1.71E-06		0.00E+00	1.71E-06	
317	1.90E-06		0.00E+00	1.90E-06	
318	2.14E-06		0.00E+00	2.14E-06	
319	2.47E-06		0.00E+00	2.47E-06	
320	2.89E-06		0.00E+00	2.89E-06	
321	3.49E-06		0.00E+00	3.49E-06	

Sywest Industrial Building

Unmitigated Cancer Risk Summary

	Chronic Non Cancer Risk				
Receptor #	**Max Chronic**	**Receptor**	**Construction**	**Operation**	**Receptor**
322	4.41E-06		0.00E+00	4.41E-06	
323	1.09E-06		0.00E+00	1.09E-06	
324	1.17E-06		0.00E+00	1.17E-06	
325	1.25E-06		0.00E+00	1.25E-06	
326	1.34E-06		0.00E+00	1.34E-06	
327	1.47E-06		0.00E+00	1.47E-06	
328	1.60E-06		0.00E+00	1.60E-06	
329	1.78E-06		0.00E+00	1.78E-06	
330	1.98E-06		0.00E+00	1.98E-06	
331	2.24E-06		0.00E+00	2.24E-06	
332	2.59E-06		0.00E+00	2.59E-06	
333	3.07E-06		0.00E+00	3.07E-06	
334	3.75E-06		0.00E+00	3.75E-06	
335	1.04E-06		0.00E+00	1.04E-06	
336	1.11E-06		0.00E+00	1.11E-06	
337	1.19E-06		0.00E+00	1.19E-06	
338	1.27E-06		0.00E+00	1.27E-06	
339	1.38E-06		0.00E+00	1.38E-06	
340	1.50E-06		0.00E+00	1.50E-06	
341	1.66E-06		0.00E+00	1.66E-06	
342	0.00E+00		0.00E+00	0.00E+00	
343	0.00E+00		0.00E+00	0.00E+00	
344	0.00E+00		0.00E+00	0.00E+00	
345	0.00E+00		0.00E+00	0.00E+00	
346	0.00E+00		0.00E+00	0.00E+00	
347	0.00E+00		0.00E+00	0.00E+00	

Appendix R-3

Alternatives Energy Calculations

Sywest Industrial Development Project - Alternative 2

Last Updated: August 27 2024

Compression-Ignition Engine Brake-Specific Fuel Consumption (BSFC) Factors **[1]**:

HP: 0 to 100	0.0588	HP: Greater than 100	0.0529

Values above are expressed in gallons per horsepower-hour/BSFC.

CONSTRUCTION EQUIPMENT

Construction Equipment	#	Hours per Day	Horsepower	Load Factor	Construction Phase	Fuel Used (gallons)
Rubber Tired Dozers	2	8	367	0.4	Demolition Phase	2,483
Excavators	3	8	36	0.38	Demolition Phase	386
Concrete/Industrial Saws	1	8	33	0.73	Demolition Phase	227
Rubber Tired Dozers	3	8	367	0.4	Site Preparation Phase	1,862
Tractors/Loaders/Backhoes	4	8	84	0.37	Site Preparation Phase	584
Graders	1	8	148	0.41	Grading Phase	1,565
Excavators	1	8	36	0.38	Grading Phase	392
Tractors/Loaders/Backhoes	3	8	84	0.37	Grading Phase	2,674
Rubber Tired Dozers	1	8	367	0.4	Grading Phase	3,787
Forklifts	3	8	82	0.2	Building Construction Phase	4,418
Generator Sets	1	8	14	0.74	Building Construction Phase	930
Cranes	1	7	367	0.29	Building Construction Phase	7,522
Welders	1	8	46	0.45	Building Construction Phase	1,859
Tractors/Loaders/Backhoes	3	7	84	0.37	Building Construction Phase	7,326
Air Compressors	1	6	37	0.48	Architectural Coating Phase	125
Pavers	2	8	81	0.42	Paving Phase	640
Paving Equipment	2	8	89	0.36	Paving Phase	602
Rollers	2	8	36	0.38	Paving Phase	257
					Total Fuel Used	**37,639 (Gallons)**

Construction Phase	Days of Operation
Demolition Phase	20
Site Preparation Phase	10
Grading Phase	61
Building Construction Phase	191
Paving Phase	20
Architectural Coating Phase	20
Total Days	322

WORKER TRIPS

Constuction Phase	MPG [2]	Trips	Trip Length (miles)	Fuel Used (gallons)
Demolition Phase	24.1	15	8.8	109.54
Site Preparation Phase	24.1	18	8.8	63.90
Grading Phase	24.1	15	8.8	334.11
Building Construction Phase	24.1	30	8.8	2064.39
Paving Phase	24.1	15	8.8	109.54
Architectural Coating Phase	24.1	6	8.8	43.31
			Total	**2,724.79**

HAULING AND VENDOR TRIPS

Trip Class	MPG [2]	Trips	Trip Length (miles)	Fuel Used (gallons)
HAULING TRIPS				
Demolition Phase	7.5	2	18.8	5.39
Site Preparation Phase	7.5	0	20.0	0.00
Grading Phase	7.5	38	20.0	100.27
Building Construction Phase	7.5	0	20.0	0.00
Paving Phase	7.5	0	20.0	0.00
Architectural Coating Phase	7.5	0	20.0	0.00
			Total	**105.66**
VENDOR TRIPS				
Demolition Phase	7.5	0	14.7	0.00
Site Preparation Phase	7.5	0	14.7	0.00
Grading Phase	7.5	0	14.7	0.00
Building Construction Phase	7.5	12	5.3	1565.69
Paving Phase	7.5	0	14.7	0.00
Architectural Coating Phase	7.5	0	14.7	0.00
			Total	**1,565.69**

Total Gasoline Consumption (gallons)	**2,725**
Total Diesel Consumption (gallons)	**39,310**

Sources:

[1] United States Environmental Protection Agency. 2021. *Exhaust and Crankcase Emission Factors for Nonroad Compression-Ignition Engines in MOVES3.0.2* . September. Available at: https://www.epa.gov/system/files/documents/2021-08/420r21021.pdf.

[2] United States Department of Transportation, Bureau of Transportation Statistics. 2021. *National Transportation Statistics* . Available at: https://www.bts.gov/topics/national-transportation-statistics.

Sywest Industrial Development Project - Alternative 2

Last Updated: August 27 2024

Populate one of the following tables (Leave the other blank):

Annual VMT		OR	Daily Vehicle Trips	
Annual VMT:	378,127		Daily Vehicle Trips:	
			Average Trip Distance:	

Fleet Class	Fleet Mix
Light Duty Auto (LDA)	0.890000
Light Duty Truck 1 (LDT1)	0.000000
Light Duty Truck 2 (LDT2)	0.000000
Medium Duty Vehicle (MDV)	0.000000
Light Heavy Duty 1 (LHD1)	0.000000
Light Heavy Duty 2 (LHD2)	0.000000
Medium Heavy Duty (MHD)	0.000000
Heavy Heavy Duty (HHD)	0.110000
Other Bus (OBUS)	0.000000
Urban Bus (UBUS)	0.000000
Motorcycle (MCY)	0.000000
School Bus (SBUS)	0.000000
Motorhome (MH)	0.000000

Fuel Economy (MPG) [1]	
Passenger Vehicles	24.1
Light-Med Duty Trucks	17.6
Heavy Trucks/Other	7.5
Motorcycles	44

Fleet Mix

Vehicle Type	Percent	Fuel Type	Annual VMT: VMT	Vehicle Trips: VMT	Fuel Consumption (Gallons)
Passenger Vehicles	*89.00%*	*Gasoline*	336,533	0.00	13,964
Light-Medium Duty Trucks	*0.00%*	*Gasoline*	0	0.00	0
Heavy Trucks/Other	*11.00%*	*Diesel*	41,594	0.00	5,546
Motorcycle	*0.00%*	*Gasoline*	0	0.00	0

Total Gasoline Consumption (gallons)	**13,964**
Total Diesel Consumption (gallons)	**5,546**

Sources:

[1] United States Department of Transportation, Bureau of Transportation Statistics. 2021. National Transportation Statistics. Available at: https://www.bts.gov/topics/national-transportation-statistics.

Sywest Industrial Development Project - Alternative 3

Last Updated: August 27 2024

Compression-Ignition Engine Brake-Specific Fuel Consumption (BSFC) Factors **[1]**:

HP: 0 to 100	0.0588	HP: Greater than 100	0.0529

Values above are expressed in gallons per horsepower-hour/BSFC.

CONSTRUCTION EQUIPMENT

Construction Equipment	#	Hours per Day	Horsepower	Load Factor	Construction Phase	Fuel Used (gallons)
Rubber Tired Dozers	2	8	367	0.4	Demolition Phase	1,490
Excavators	3	8	36	0.38	Demolition Phase	232
Concrete/Industrial Saws	1	8	33	0.73	Demolition Phase	136
Rubber Tired Dozers	3	8	367	0.4	Site Preparation Phase	1,117
Tractors/Loaders/Backhoes	4	8	84	0.37	Site Preparation Phase	351
Graders	1	8	148	0.41	Grading Phase	1,180
Excavators	1	8	36	0.38	Grading Phase	296
Tractors/Loaders/Backhoes	3	8	84	0.37	Grading Phase	2,016
Rubber Tired Dozers	1	8	367	0.4	Grading Phase	2,856
Forklifts	3	8	82	0.2	Building Construction Phase	2,521
Generator Sets	1	8	14	0.74	Building Construction Phase	531
Cranes	1	7	367	0.29	Building Construction Phase	4,292
Welders	1	8	46	0.45	Building Construction Phase	1,061
Tractors/Loaders/Backhoes	3	7	84	0.37	Building Construction Phase	4,181
Air Compressors	1	6	37	0.48	Architectural Coating Phase	69
Pavers	2	8	81	0.42	Paving Phase	384
Paving Equipment	2	8	89	0.36	Paving Phase	361
Rollers	2	8	36	0.38	Paving Phase	154
					Total Fuel Used	**23,228 (Gallons)**

Construction Phase	Days of Operation
Demolition Phase	12
Site Preparation Phase	6
Grading Phase	46
Building Construction Phase	109
Paving Phase	12
Architectural Coating Phase	11
Total Days	196

WORKER TRIPS

Constuction Phase	MPG [2]	Trips	Trip Length (miles)	Fuel Used (gallons)
Demolition Phase	24.1	15	8.8	65.73
Site Preparation Phase	24.1	18	8.8	38.34
Grading Phase	24.1	15	8.8	251.95
Building Construction Phase	24.1	30	8.8	1178.10
Paving Phase	24.1	15	8.8	65.73
Architectural Coating Phase	24.1	6	8.8	23.82
			Total	**1,623.67**

HAULING AND VENDOR TRIPS

Trip Class	MPG [2]	Trips	Trip Length (miles)	Fuel Used (gallons)
HAULING TRIPS				
Demolition Phase	7.5	4	18.8	8.97
Site Preparation Phase	7.5	0	20.0	0.00
Grading Phase	7.5	48	20.0	127.47
Building Construction Phase	7.5	0	20.0	0.00
Paving Phase	7.5	0	20.0	0.00
Architectural Coating Phase	7.5	0	20.0	0.00
			Total	**136.44**
VENDOR TRIPS				
Demolition Phase	7.5	0	14.7	0.00
Site Preparation Phase	7.5	0	14.7	0.00
Grading Phase	7.5	0	14.7	0.00
Building Construction Phase	7.5	12	5.3	893.51
Paving Phase	7.5	0	14.7	0.00
Architectural Coating Phase	7.5	0	14.7	0.00
			Total	**893.51**

Total Gasoline Consumption (gallons)	**1,624**
Total Diesel Consumption (gallons)	**24,258**

Sources:

[1] United States Environmental Protection Agency. 2021. *Exhaust and Crankcase Emission Factors for Nonroad Compression-Ignition Engines in MOVES3.0.2* . September. Available at: https://www.epa.gov/system/files/documents/2021-08/420r21021.pdf.

[2] United States Department of Transportation, Bureau of Transportation Statistics. 2021. *National Transportation Statistics* . Available at: https://www.bts.gov/topics/national-transportation-statistics.

Sywest Industrial Development Project - Alternative 3

Last Updated: August 27 2024

Populate one of the following tables (Leave the other blank):

Annual VMT		OR	Daily Vehicle Trips	
Annual VMT:	148,538		Daily Vehicle Trips:	
			Average Trip Distance:	

Fleet Class	Fleet Mix
Light Duty Auto (LDA)	0.843000
Light Duty Truck 1 (LDT1)	0.000000
Light Duty Truck 2 (LDT2)	0.000000
Medium Duty Vehicle (MDV)	0.000000
Light Heavy Duty 1 (LHD1)	0.000000
Light Heavy Duty 2 (LHD2)	0.000000
Medium Heavy Duty (MHD)	0.000000
Heavy Heavy Duty (HHD)	0.157000
Other Bus (OBUS)	0.000000
Urban Bus (UBUS)	0.000000
Motorcycle (MCY)	0.000000
School Bus (SBUS)	0.000000
Motorhome (MH)	0.000000

Fuel Economy (MPG) [1]	
Passenger Vehicles	24.1
Light-Med Duty Trucks	17.6
Heavy Trucks/Other	7.5
Motorcycles	44

Fleet Mix

Vehicle Type	Percent	Fuel Type	Annual VMT: VMT	Vehicle Trips: VMT	Fuel Consumption (Gallons)
Passenger Vehicles	*84.30%*	*Gasoline*	125,218	0.00	5,196
Light-Medium Duty Trucks	*0.00%*	*Gasoline*	0	0.00	0
Heavy Trucks/Other	*15.70%*	*Diesel*	23,320	0.00	3,109
Motorcycle	*0.00%*	*Gasoline*	0	0.00	0

Total Gasoline Consumption (gallons)	**5,196**
Total Diesel Consumption (gallons)	**3,109**

Sources:

[1] United States Department of Transportation, Bureau of Transportation Statistics. 2021. National Transportation Statistics. Available at: https://www.bts.gov/topics/national-transportation-statistics.