Appendix A

Notice of Preparation and Comment Letters

NOTICE OF PREPARATION
of an Environmental Impact Report for the Auburn General Plan Update

Date:	NOVEMBER 6, 2024
To:	State Clearinghouse Responsible Agencies Trustee Agencies Placer County Clerk
NOP Comment Period:	Written comments must be submitted to the City's Planning Department no later than **December 6, 2024 by 5:00 p.m.**
Project Location:	The Plan Area encompasses the entirety of the City of Auburn, the city's sphere of influence (SOI), and some areas outside the SOI, including an area south of the SOI and City limits approximately following Shirland Tract Road; an area to the west including parcels along Ophir Road, Wise Road, and Millertown Road; and a small area in the northeast of the SOI in the Bowman area. See Figure 1, attached.
Lead Agency Contact Person:	Tia Klumpp, Senior Planner City of Auburn, Planning Department 1225 Lincoln Way Auburn, CA 95603 Email: tklumpp@auburn.ca.gov

INTRODUCTION

This Notice of Preparation (NOP) has been issued to notify interested parties of the preparation of an Environmental Impact Report (EIR) for the Auburn General Plan Update Project (project). The City will be the lead agency under the California Environmental Quality Act (CEQA) and will prepare an EIR to evaluate the environmental effects associated with the project. This NOP has been issued to provide an opportunity for the public, as well as responsible and trustee agencies to submit comments on the scope of the EIR in relation to the project description. Agencies should comment on such information as it relates to their statutory responsibilities in connection with the project.

The programmatic EIR will evaluate the potential impacts associated with the development of the preferred land use scenario that may occur within the Plan Area through the year 2045. Following the adoption of the updated General Plan, subsequent projects that are consistent with the General Plan would undergo a streamlined CEQA environmental review and approval process.

This NOP and background documents associated with the project are available for review on the City's webpage at: https://www.auburn.ca.gov/690/Public-Notice-CEQA-Filings.

PROJECT DESCRIPTION

The City of Auburn is updating its General Plan, the State-mandated document that guides how and where the city will grow over the next 20 years. The Plan covers topics such as land use, transportation, housing, conservation, open space, and public safety. It will shape Auburn's future and define City priorities for years to come. The objectives of the General Plan Update include:

- Express the community's vision for Auburn's future
- Provide a balance between growth and conservation that meets community needs and protects Auburn's quality of life
- Inform residents, developers, and decision makers of the ground rules that guide development
- Ensure that development occurs in an efficient, orderly manner that minimizes costs to taxpayers
- Engage in a comprehensive and inclusive outreach process

The project includes an update to the City's General Plan Map, including new land use categories and potential changes to the permitted uses and development intensities on various sites inside the city and in the sphere of influence. These changes will be strategic, and intended to support the objectives above, as well as State planning goals supporting compact city-centered growth, reduced vehicle miles traveled, protection of environmentally sensitive areas, and mitigation of potential hazards such as wildfire. The General Plan will provide a foundation for future activities related to annexation, capital improvements, economic development, and rezoning.

POTENTIAL ENVIRONMENTAL EFFECTS AND SCOPE OF THE EIR

The EIR for the project will focus on the resource areas/issues germane to the General Plan Update, particularly as they relate to proposed changes to allowable land uses and growth potential. The EIR will evaluate the potentially significant environmental impacts of the project and, if any significant environmental effects are identified, will evaluate whether there are feasible mitigation measures that may lessen or avoid such impacts. The EIR will also identify and evaluate alternatives to the project that could lessen or avoid any significant environmental impacts.

As to the topics identified for study in the EIR, the EIR will evaluate all environmental issue areas identified in Appendix G of the CEQA Guidelines. Potential impacts will be addressed at both project and cumulative levels. As of the date of this NOP and based on currently available information, it is anticipated that the proposed project may have potential impacts in connection with: Aesthetics, Agriculture and Forestry Resources, Air Quality, Biological Resources, Cultural Resources, Energy, Geology and Soils, Greenhouse

Gas Emissions, Hazards and Hazardous Materials, Hydrology and Water Quality, Land Use and Planning, Mineral Resources, Noise, Population and Housing, Public Services, Recreation, Transportation, Tribal Cultural Resources, Utilities and Service Systems, Wildfire, and Mandatory Findings of Significance.

EIR Public Scoping Meeting

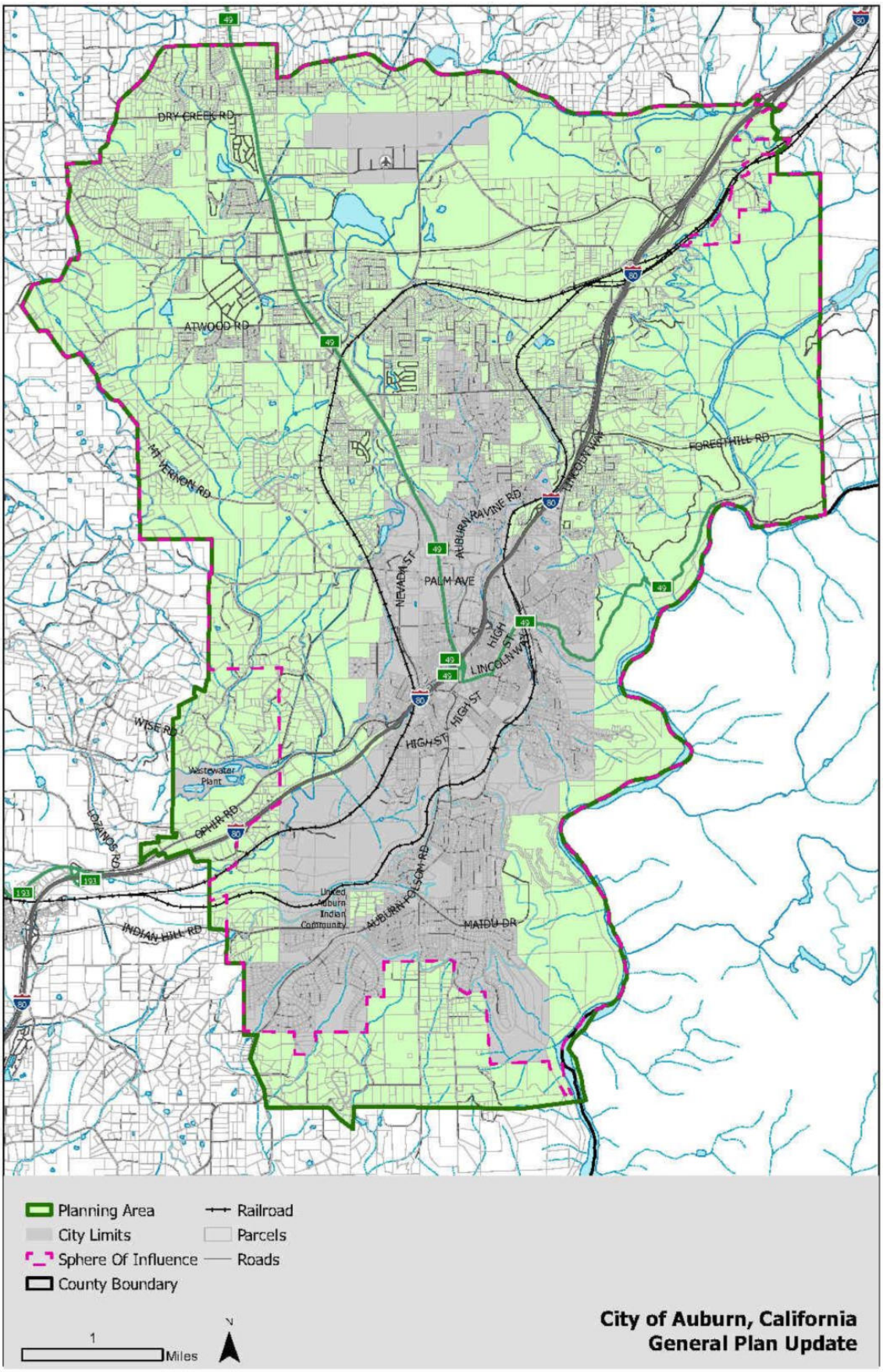
The City of Auburn will conduct a public scoping session at the regularly scheduled Planning Commission Meeting on November 19, 2024, starting at or after 6:00 pm. This meeting will be held in person in the City Council Chambers at 1225 Lincoln Way, Auburn, CA 95603 and online via Zoom. For meeting agenda and updates, including the Zoom link for the meeting, visit https://www.auburn.ca.gov/129/Agendas-Minutes.

NOP Comment Period

In accordance with the time limits identified in State law, your response to this NOP must be submitted to the City at the earliest possible date, but not later than 5:00 p.m. on December 6, 2024, (30 days following the date this notice was first posted). Please submit written comments to the Auburn Planning Department (including the contact person's full name and address) to:

Tia Klumpp, Senior Planner
City of Auburn, Planning Department
1225 Lincoln Way
Auburn, CA 95603
Email: tklumpp@auburn.ca.gov

Figure 1 – Plan Area Location



From: Zachariasen, Judith@DOC
To: tklumpp@auburn.ca.gov
Cc: OLRA@DOC; OPR State Clearinghouse
Subject: Auburn General Plan Update - SCH No. 2024110190
Date: Monday, December 2, 2024 1:43:38 PM
Attachments: image001.png

Dear Tia Klumpp,

The California Geological Survey (CGS) has received the Notice of Preparation of a Draft Environmental Impact Report (DEIR) for the Auburn General Plan Update Project. This email conveys the following recommendations from CGS concerning geologic issues related to the project area:

1. Ground Shaking and Surface Fault Rupture Hazards

   The project area is located within the broad extent of the Foothills Fault System, with fault traces mapped trending toward and through the City of Auburn. The age of latest activity on these faults is poorly constrained, and therefore they have not yet been zoned by the state under the Alquist-Priolo Fault Zoning Act. However, although Holocene activity has not yet been identified on these faults, several are considered to be late Quaternary in age (i.e. rupture within the last 130,000 years). In addition, the proximity of the city to additional active faults located to the east and west indicates that the site could be subject to ground shaking during the life of the project. The DEIR and supporting documents should address surface fault rupture and ground shaking hazards as they relate to the safety element of the general plan.

   Additional information about ground shaking hazard can be obtained at the following sites:
   https://usgs.maps.arcgis.com/apps/webappviewer/index.html?id=14d2f75c7c4f4619936dac0d14e1e468
   https://earthquake.usgs.gov/scenarios/catalog/bssc2014/

   Additional information about surface faults can be obtained at the following site:
   https://usgs.maps.arcgis.com/apps/webappviewer/index.html?id=5a6038b3a1684561a9b0aadf88412fcf

2. Landslide and Liquefaction Hazards

   CGS has not yet evaluated the area around the Project location for liquefaction and landslide hazards. Therefore, the absence of CGS-mapped Zones of Required Investigation does not indicate the absence of a hazard. The DEIR should address these hazards as they relate to the safety element of the general plan. Specifically, given the rugged topography of the area around Auburn, the DEIR should consider landslide hazards.

If you have any additional comments or questions, please feel free to call or email.

Thank you,
Judy Zachariasen

Judith Zachariasen, PhD, PG, CEG
Senior Engineering Geologist
Fault Zoning Unit Supervisor
Seismic Hazards Program
California Geological Survey

California Department of Conservation
715 P Street, MS 1900, Sacramento, CA 95814
T: (916) 879-2844
E: judith.zachariasen@conservation.ca.gov

Aileen Mahoney

From: Tia Klumpp <tklumpp@auburn.ca.gov>
Sent: Thursday, December 5, 2024 2:56 PM
To: Barry Miller; Aileen Mahoney
Subject: [EXT] FW: Caltrans District 3 LDR Response: Auburn General Plan Update
Attachments: Caltrans Comments Letter - Auburn General Plan Update.pdf

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Thanks,
Tia

From: Dhatt, Satwinder K@DOT <satwinder.dhatt@dot.ca.gov> **On Behalf Of** D3 Local Development@DOT
Sent: Thursday, December 5, 2024 2:53 PM
To: Tia Klumpp <tklumpp@auburn.ca.gov>
Cc: Arnold, Gary S@DOT <gary.arnold@dot.ca.gov>; Healy, Angelina R@DOT <angelina.healy@dot.ca.gov>
Subject: Caltrans District 3 LDR Response: Auburn General Plan Update

Hi Tia,

Thank you for including the California Department of Transportation (Caltrans) in the review process of Auburn General Plan Update project. Attached you will find our comments regarding this project.

Please provide our office with copies of any further actions regarding this project as we would appreciate the opportunity to review and comment on any changes related to this project.

Should you have questions regarding these comments or require additional information, please contact me, Local Development Review and System Planning Coordinator, by phone (530) 821-8261 or via email at D3.local.development@dot.ca.gov.

Thank you!

Satwinder Dhatt
Local Development Review and Complete Streets
Division of Planning, Local Assistance, and Sustainability
California Department of Transportation, District 3
703 B Street, Marysville, CA 95901
(530) 821-8261

California Department of Transportation

DISTRICT 3
703 B STREET | MARYSVILLE, CA 95901-5556
(530) 821-8401
www.dot.ca.gov

December 5, 2024

GTS# 03-PLA-2024-01449
SCH# 2024110190

Ms. Tia Klumpp, Senior Planner
City of Auburn, Planning Department
1225 Lincoln Way
Auburn, CA 95603

Auburn General Plan Update

Dear Ms. Klumpp,

Thank you for including the California Department of Transportation (Caltrans) in the review process for the project referenced above. We reviewed this local development for impacts to the State Highway System (SHS) in keeping with our mission, vision, and goals, some of which includes addressing equity, climate change, and safety, as outlined in our statewide plans such as the California Transportation Plan, Caltrans Strategic Plan, and Climate Action Plan for Transportation Infrastructure.

The Plan Area encompasses the entirety of the City of Auburn, the city's sphere of influence (SOI), and some areas outside the SOI, including an area south of the SOI and City limits, approximately following Shirland Tract Road; an area to the west including parcels along Ophir Road, Wise Road, and Millertown Road; and a small area in the northeast of the SOI in the Bowman area.

The City of Auburn is updating its General Plan, the State-mandated document that guides how and where the city will grow over the next 20 years. The Plan covers topics such as land use, transportation, housing, conservation, open space, and public safety. It will shape Auburn's future and define City priorities for years to come. The objectives of the General Plan Update include:

- Express the community's vision for Auburn's future.
- Provide a balance between growth and conservation that meets community needs and protects Auburn's quality of life.
- Inform residents, developers, and decision makers of the ground rules that guide development.

- Ensure that development occurs in an efficient, orderly manner that minimizes costs to taxpayers.
- Engage in a comprehensive and inclusive outreach process.

Based on the Notice of Preparation of a Draft Environmental Impact Report (DEIR) provided, Caltrans has the following requests and recommendations:

Highway Operations / Forecasting & Modeling

- Please include planned roadway improvements, intersection improvements and any potential mitigations based on a traffic analysis.
- Please provide any established peak hour LOS, which can depict intersections in need of improvements.
- Please include existing and planned truck routes.
- Please include a section on Transportation Impact Fees.
- Please include any discussion and/or plans for complete streets on the mainline of State Route (SR) 49.
- Please provide a VMT Focused Transportation Impact Study.

Complete Streets

In the Circulation section of the updated General Plan, please consider including an analysis of network gaps for both the Auburn pedestrian and the bicycle networks to display gaps in that should be filled/closed. Please also consider any of the following analyses for inclusion in the circulation section as they pertain to the area pedestrian and bicycle networks: walk- and bike-shed analyses, destination accessibility analysis, level of traffic stress analysis. These analyses may offer valuable insight into the needs of the Auburn transportation networks.

Right of Way

All connections to our SR will require mapping. As project moves forward, Caltrans will request plans showing the State right of way (ROW) delineated with bearings, distances along with SR boundary determination. Caltrans ROW Record Maps mapping are available by contacting the District 3 ROW Map counter at: d3rwmaprequest@dot.ca.gov.

Encroachment Permit

Any project or work, including access modification and drainage work, that takes place along or within the State's ROW requires an encroachment permit issued by Caltrans. To apply, a completed encroachment permit application, environmental

documentation, and five sets of plans clearly indicating State ROW must be submitted to Encroachment Permits Offices as indicated below:

Hikmat Bsaibess
California Department of Transportation
District 3, Office of Permits
703 B Street
Marysville, CA 95901
D3encpermit@dot.ca.gov

Please provide our office with copies of any further actions regarding this proposal. We would appreciate the opportunity to review and comment on any changes related to this development.

If you have any questions regarding these comments or require additional information, please contact Satwinder Dhatt, Local Development Review Coordinator, by phone (530) 821-8261 or via email at satwinder.dhatt@dot.ca.gov.

Sincerely,

Angelina Healy, Associate Transportation Planner, Acting on behalf of

GARY ARNOLD, Branch Chief
Local Development Review and Complete Streets
Division of Planning, Local Assistance, and Sustainability
California Department of Transportation, District 3

Aileen Mahoney

From: Tia Klumpp <tklumpp@auburn.ca.gov>
Sent: Thursday, December 5, 2024 12:59 PM
To: Barry Miller; Aileen Mahoney
Subject: [EXT] FW: COMMENTS TO REQUEST FOR REVIEW FOR THE NOTICE OF PREPARATION FOR THE DRAFT ENVIRONMENTAL IMPACT REPORT, AUBURN GENERAL PLAN UPDATE, SCH#2024110190, PLACER COUNTY
Attachments: 2024110190_Auburn_General_Plan.pdf

Follow Up Flag: Follow up
Flag Status: Flagged

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Good Afternoon,

Please see below in response to the Draft EIR for the GP update. I have acknowledged the email letting them know that we would reach out with any questions.

Thanks!
Tia

From: Minkel, Peter G.@Waterboards <Peter.Minkel2@waterboards.ca.gov>
Sent: Thursday, December 5, 2024 12:35 PM
To: Tia Klumpp <tklumpp@auburn.ca.gov>
Cc: Yang, Houa@Waterboards <Houa.Yang@waterboards.ca.gov>; WB-RB5S-chron <RB5S-chron@Waterboards.ca.gov>; State.Clearinghouse@opr.ca.gov
Subject: COMMENTS TO REQUEST FOR REVIEW FOR THE NOTICE OF PREPARATION FOR THE DRAFT ENVIRONMENTAL IMPACT REPORT, AUBURN GENERAL PLAN UPDATE, SCH#2024110190, PLACER COUNTY

Tia,

Enclosed are our comments for your Project. We want the permits required in the record for planning purposes. Please email if you have any questions.

Pete

Peter Minkel
401 Water Quality Certification and Dredging Unit
Central Valley Regional Water Quality Control Board
11020 Sun Center Drive, Suite 200
Rancho Cordova, CA 95670

5 December 2024

Tia Klumpp
City of Auburn
1225 Lincoln Way
Auburn, CA 95603
tklumpp@auburn.ca.gov

COMMENTS TO REQUEST FOR REVIEW FOR THE NOTICE OF PREPARATION FOR THE DRAFT ENVIRONMENTAL IMPACT REPORT, AUBURN GENERAL PLAN UPDATE, SCH#2024110190, PLACER COUNTY

Pursuant to the State Clearinghouse's 6 November 2024 request, the Central Valley Regional Water Quality Control Board (Central Valley Water Board) has reviewed the *Request for Review for the Notice of Preparation for the Draft Environmental Impact Report* for the Auburn General Plan Update, located in Placer County.

Our agency is delegated with the responsibility of protecting the quality of surface and groundwaters of the state; therefore our comments will address concerns surrounding those issues.

I. Regulatory Setting

Basin Plan

The Central Valley Water Board is required to formulate and adopt Basin Plans for all areas within the Central Valley region under Section 13240 of the Porter-Cologne Water Quality Control Act. Each Basin Plan must contain water quality objectives to ensure the reasonable protection of beneficial uses, as well as a program of implementation for achieving water quality objectives with the Basin Plans. Federal regulations require each state to adopt water quality standards to protect the public health or welfare, enhance the quality of water and serve the purposes of the Clean Water Act. In California, the beneficial uses, water quality objectives, and the Antidegradation Policy are the State's water quality standards. Water quality standards are also contained in the National Toxics Rule, 40 CFR Section 131.36, and the California Toxics Rule, 40 CFR Section 131.38.

The Basin Plan is subject to modification as necessary, considering applicable laws, policies, technologies, water quality conditions and priorities. The original Basin Plans were adopted in 1975, and have been updated and revised periodically as required, using Basin Plan amendments. Once the Central Valley Water Board has adopted a Basin Plan amendment in noticed public hearings, it must be approved by

the State Water Resources Control Board (State Water Board), Office of Administrative Law (OAL) and in some cases, the United States Environmental Protection Agency (USEPA). Basin Plan amendments only become effective after they have been approved by the OAL and in some cases, the USEPA. Every three (3) years, a review of the Basin Plan is completed that assesses the appropriateness of existing standards and evaluates and prioritizes Basin Planning issues. For more information on the *Water Quality Control Plan for the Sacramento and San Joaquin River Basins*, please visit our website:
http://www.waterboards.ca.gov/centralvalley/water_issues/basin_plans/

All wastewater discharges must comply with the Antidegradation Policy (State Water Board Resolution 68-16) and the Antidegradation Implementation Policy contained in the Basin Plan. The Antidegradation Implementation Policy is available on page 74 at:
https://www.waterboards.ca.gov/centralvalley/water_issues/basin_plans/sacsjr_201805.pdf

In part it states:

Any discharge of waste to high quality waters must apply best practicable treatment or control not only to prevent a condition of pollution or nuisance from occurring, but also to maintain the highest water quality possible consistent with the maximum benefit to the people of the State.

This information must be presented as an analysis of the impacts and potential impacts of the discharge on water quality, as measured by background concentrations and applicable water quality objectives.

The antidegradation analysis is a mandatory element in the National Pollutant Discharge Elimination System and land discharge Waste Discharge Requirements (WDRs) permitting processes. The environmental review document should evaluate potential impacts to both surface and groundwater quality.

II. Permitting Requirements

Construction Storm Water General Permit

Dischargers whose project disturb one or more acres of soil or where projects disturb less than one acre but are part of a larger common plan of development that in total disturbs one or more acres, are required to obtain coverage under the General Permit for Storm Water Discharges Associated with Construction and Land Disturbance Activities (Construction General Permit), Construction General Permit Order No. 2009-0009-DWQ. Construction activity subject to this permit includes clearing, grading, grubbing, disturbances to the ground, such as stockpiling, or excavation, but does not include regular maintenance activities performed to restore the original line, grade, or capacity of the facility. The Construction General Permit requires the development and implementation of a Storm Water Pollution Prevention Plan (SWPPP). For more information on the Construction General Permit, visit the State Water Resources Control Board website at:
http://www.waterboards.ca.gov/water_issues/programs/stormwater/constpermits.shtml

Phase I and II Municipal Separate Storm Sewer System (MS4) Permits[1]

The Phase I and II MS4 permits require the Permittees reduce pollutants and runoff flows from new development and redevelopment using Best Management Practices (BMPs) to the maximum extent practicable (MEP). MS4 Permittees have their own development standards, also known as Low Impact Development (LID)/post-construction standards that include a hydromodification component. The MS4 permits also require specific design concepts for LID/post-construction BMPs in the early stages of a project during the entitlement and CEQA process and the development plan review process.

For more information on which Phase I MS4 Permit this project applies to, visit the Central Valley Water Board website at:
http://www.waterboards.ca.gov/centralvalley/water_issues/storm_water/municipal_permits/

For more information on the Phase II MS4 permit and who it applies to, visit the State Water Resources Control Board at:
http://www.waterboards.ca.gov/water_issues/programs/stormwater/phase_ii_municipal.shtml

Industrial Storm Water General Permit

Storm water discharges associated with industrial sites must comply with the regulations contained in the Industrial Storm Water General Permit Order No. 2014-0057-DWQ. For more information on the Industrial Storm Water General Permit, visit the Central Valley Water Board website at:
http://www.waterboards.ca.gov/centralvalley/water_issues/storm_water/industrial_general_permits/index.shtml

Clean Water Act Section 404 Permit

If the project will involve the discharge of dredged or fill material in navigable waters or wetlands, a permit pursuant to Section 404 of the Clean Water Act may be needed from the United States Army Corps of Engineers (USACE). If a Section 404 permit is required by the USACE, the Central Valley Water Board will review the permit application to ensure that discharge will not violate water quality standards. If the project requires surface water drainage realignment, the applicant is advised to contact the Department of Fish and Game for information on Streambed Alteration Permit requirements. If you have any questions regarding the Clean Water Act Section 404 permits, please contact the Regulatory Division of the Sacramento District of USACE at (916) 557-5250.

Clean Water Act Section 401 Permit – Water Quality Certification

If an USACE permit (e.g., Non-Reporting Nationwide Permit, Nationwide Permit, Letter of Permission, Individual Permit, Regional General Permit, Programmatic

[1] Municipal Permits = The Phase I Municipal Separate Storm Water System (MS4) Permit covers medium sized Municipalities (serving between 100,000 and 250,000 people) and large sized municipalities (serving over 250,000 people). The Phase II MS4 provides coverage for small municipalities, including non-traditional Small MS4s, which include military bases, public campuses, prisons and hospitals.

General Permit), or any other federal permit (e.g., Section 10 of the Rivers and Harbors Act or Section 9 from the United States Coast Guard), is required for this project due to the disturbance of waters of the United States (such as streams and wetlands), then a Water Quality Certification must be obtained from the Central Valley Water Board prior to initiation of project activities. There are no waivers for 401 Water Quality Certifications. For more information on the Water Quality Certification, visit the Central Valley Water Board website at: https://www.waterboards.ca.gov/centralvalley/water_issues/water_quality_certification/

Waste Discharge Requirements – Discharges to Waters of the State

If USACE determines that only non-jurisdictional waters of the State (i.e., "non-federal" waters of the State) are present in the proposed project area, the proposed project may require a Waste Discharge Requirement (WDR) permit to be issued by Central Valley Water Board. Under the California Porter-Cologne Water Quality Control Act, discharges to all waters of the State, including all wetlands and other waters of the State including, but not limited to, isolated wetlands, are subject to State regulation. For more information on the Waste Discharges to Surface Water NPDES Program and WDR processes, visit the Central Valley Water Board website at:https://www.waterboards.ca.gov/centralvalley/water_issues/waste_to_surface_water/

Projects involving excavation or fill activities impacting less than 0.2 acre or 400 linear feet of non-jurisdictional waters of the state and projects involving dredging activities impacting less than 50 cubic yards of non-jurisdictional waters of the state may be eligible for coverage under the State Water Resources Control Board Water Quality Order No. 2004-0004-DWQ (General Order 2004-0004). For more information on the General Order 2004-0004, visit the State Water Resources Control Board website at: https://www.waterboards.ca.gov/board_decisions/adopted_orders/water_quality/2004/wqo/wqo2004-0004.pdf

Dewatering Permit

If the proposed project includes construction or groundwater dewatering to be discharged to land, the proponent may apply for coverage under State Water Board General Water Quality Order (Low Threat General Order) 2003-0003 or the Central Valley Water Board's Waiver of Report of Waste Discharge and Waste Discharge Requirements (Low Threat Waiver) R5-2018-0085. Small temporary construction dewatering projects are projects that discharge groundwater to land from excavation activities or dewatering of underground utility vaults. Dischargers seeking coverage under the General Order or Waiver must file a Notice of Intent with the Central Valley Water Board prior to beginning discharge.

For more information regarding the Low Threat General Order and the application process, visit the Central Valley Water Board website at: http://www.waterboards.ca.gov/board_decisions/adopted_orders/water_quality/2003/wqo/wqo2003-0003.pdf

For more information regarding the Low Threat Waiver and the application process, visit the Central Valley Water Board website at: https://www.waterboards.ca.gov/centralvalley/board_decisions/adopted_orders/waivers/r5-2018-0085.pdf

Limited Threat General NPDES Permit

If the proposed project includes construction dewatering and it is necessary to discharge the groundwater to waters of the United States, the proposed project will require coverage under a National Pollutant Discharge Elimination System (NPDES) permit. Dewatering discharges are typically considered a low or limited threat to water quality and may be covered under the General Order for *Limited Threat Discharges to Surface Water* (Limited Threat General Order). A complete Notice of Intent must be submitted to the Central Valley Water Board to obtain coverage under the Limited Threat General Order. For more information regarding the Limited Threat General Order and the application process, visit the Central Valley Water Board website at: https://www.waterboards.ca.gov/centralvalley/board_decisions/adopted_orders/general_orders/r5-2016-0076-01.pdf

NPDES Permit

If the proposed project discharges waste that could affect the quality of surface waters of the State, other than into a community sewer system, the proposed project will require coverage under a National Pollutant Discharge Elimination System (NPDES) permit. A complete Report of Waste Discharge must be submitted with the Central Valley Water Board to obtain a NPDES Permit. For more information regarding the NPDES Permit and the application process, visit the Central Valley Water Board website at: https://www.waterboards.ca.gov/centralvalley/help/permit/

If you have questions regarding these comments, please contact me at (916) 464-4684 or Peter.Minkel2@waterboards.ca.gov.

Peter G. Minkel
Engineering Geologist

cc: State Clearinghouse unit, Governor's Office of Planning and Research, Sacramento

Docusign Envelope ID: C74C5ECB-1C52-4391-A6C4-809F6CCAA62B

State of California – Natural Resources Agency
DEPARTMENT OF FISH AND WILDLIFE
North Central Region
1701 Nimbus Road, Suite A
Rancho Cordova, CA 95670-4599
(916) 358-2900
www.wildlife.ca.gov

GAVIN NEWSOM, Governor
CHARLTON H. BONHAM, Director

December 6, 2024

Tia Klumpp
Senior Planner
City of Auburn, Planning Department
1225 Lincoln Way
Auburn, CA 95603
tklumpp@auburn.ca.gov

Subject: NOTICE OF PREPARATION OF AN ENVIRONMENTAL IMPACT REPORT FOR THE AUBURN GENERAL PLAN UPDATE
SCH No. 2024110190

Dear Tia Klumpp:

The California Department of Fish and Wildlife (CDFW) received and reviewed the Notice of Preparation of an Environmental Impact Report (EIR) from City of Auburn for the Auburn General Plan Update (Project) in Placer County pursuant the California Environmental Quality Act (CEQA) statute and guidelines.[1]

Thank you for the opportunity to provide comments and recommendations regarding those activities involved in the Project that may affect California fish, wildlife, plants and their habitats. Likewise, CDFW appreciates the opportunity to provide comments regarding those aspects of the Project that it, by law, may need to exercise its own regulatory authority under the Fish and Game Code (Fish & G. Code).

CDFW ROLE

CDFW is California's Trustee Agency for fish and wildlife resources and holds those resources in trust by statute for all the people of the State (Fish & G. Code, §§ 711.7, subd. (a) & 1802; Pub. Resources Code, § 21070; CEQA Guidelines § 15386, subd. (a).). CDFW, in its trustee capacity, has jurisdiction over the conservation, protection, and management of fish, wildlife, native plants, and habitat necessary for biologically sustainable populations of those species (Fish & G. Code, § 1802.). Similarly, for purposes of CEQA, CDFW provides, as available, biological expertise during public agency environmental review efforts, focusing specifically on projects and related activities that have the potential to adversely affect fish and wildlife resources.

1 CEQA is codified in the California Public Resources Code in section 21000 et seq. The "CEQA Guidelines" are found in Title 14 of the California Code of Regulations, commencing with section 15000.

Docusign Envelope ID: C74C5ECB-1C52-4391-A6C4-809F6CCAA62B

CDFW may also act as a Responsible Agency under CEQA. (Pub. Resources Code, § 21069; CEQA Guidelines, § 15381.) CDFW expects that it may need to exercise regulatory authority as provided by the Fish and Game Code. As proposed, for example, the Project may be subject to CDFW's lake and streambed alteration regulatory authority. (Fish & G. Code, § 1600 et seq.) Likewise, to the extent implementation of the Project as proposed may result in "take" as defined by State law of any species protected under the California Endangered Species Act (CESA) (Fish & G. Code, § 2050 et seq.), the project proponent may seek related take authorization as provided by the Fish and Game Code.

PROJECT DESCRIPTION SUMMARY

The Project site encompasses the entirety of the City of Auburn (City), the City's Spere of Influence (SOI), and some areas outside the SOI, including an area south of the SOI and City limits approximately following Shirland Tract Road; an area to the west including parcels along Ophir Road, Wise Road, and Millertown Road; and a small area in the northeast of the SOI in the Bowman Area.

The Project consists of updating the City's General Plan to guide how and where the City will grow over the next 20 years. The Plan covers topics such as land use, transportation, housing, conservation, open space, and public safety. The Project includes an update of the City's General Plan Map, including new land use categories and potential changes to the permitted uses and development intensities on various sites inside the City limits and in the SOI. The General Plan will provide a foundation for future activities related to annexation, capital improvements, economic development, and rezoning.

COMMENTS AND RECOMMENDATIONS

CDFW offers the comments and recommendations presented below to assist the City of Auburn in adequately identifying and/or mitigating future project's significant, or potentially significant, impacts on biological resources. The comments and recommendations are also offered to enable CDFW to adequately review and comment on proposed projects with respect to impacts on biological resources. CDFW recommends that the forthcoming EIR address the following in order to reduce impacts to biological resources from future development to a less than significant level and provide more protection for sensitive resources within the City limits and SOI.

Project Description

The Project description should include the whole action as defined in the CEQA Guidelines § 15378 and should include appropriate detailed exhibits disclosing the entire Project area.

As required by § 15126.6 of the CEQA Guidelines, the EIR should include an appropriate range of reasonable and feasible alternatives that would attain most of the basic Project objectives and avoid or minimize significant impacts to resources under CDFW's jurisdiction.

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Assessment of Biological Resources

Section 15125(c) of the CEQA Guidelines states that knowledge of the regional setting of a project is critical to the assessment of environmental impacts and that special emphasis should be placed on environmental resources that are rare or unique to the region. To enable CDFW staff to adequately review and comment on the Project, the EIR should include a complete assessment of the flora and fauna within and adjacent to the Project footprint, with emphasis on identifying rare, threatened, endangered, and other sensitive species and their associated habitats. CDFW recommends the EIR specifically include:

1. A general assessment of all habitat types located within the Project footprint. CDFW recommends that floristic, alliance- and/or association-based mapping and assessment be completed following, *The Manual of California Vegetation*, second edition (Sawyer 2009). Adjoining habitat areas should also be included in this assessment where site activities could lead to direct or indirect impacts offsite. Habitat mapping at the alliance level will help establish baseline vegetation conditions.

2. A general biological inventory of the fish, amphibian, reptile, bird, and mammal species that are known to be present or have the potential to be present within each habitat type within the Project area and adjacent areas that could be affected by the Project. CDFW recommends that the California Natural Diversity Database (CNDDB), as well as previous studies performed in the area, be consulted to assess the potential presence of sensitive species and habitats. A nine United States Geologic Survey 7.5-minute quadrangle search is recommended to determine what may occur in the region, larger if the Project area extends past one quad (see *Data Use Guidelines* on the CDFW webpage www.wildlife.ca.gov/Data/CNDDB/Maps-and-Data). Please review the webpage for information on how to access the database to obtain current information on any previously reported sensitive species and habitat, including Significant Natural Areas identified under Chapter 12 of the Fish and Game Code, in the vicinity of the Project. CDFW recommends that CNDDB Field Survey Forms be completed and submitted to CNDDB to document survey results. Online forms can be obtained and submitted at: https://www.wildlife.ca.gov/Data/CNDDB/Submitting-Data.

   Please note that CDFW's CNDDB is not exhaustive in terms of the data it houses, nor is it an absence database. CDFW recommends that it be used as a starting point in gathering information about the potential presence of species within the general area of the Project site. Other sources for identification of species and habitats near or adjacent to the Project area should include, but may not be limited to, State and federal resource agency lists, California Wildlife Habitat Relationship System, California Native Plant Society Inventory, agency contacts, environmental documents for other projects in the vicinity, academics, and professional or scientific organizations.

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3. A complete inventory of rare, threatened, endangered, and other sensitive species that are known to be present or have the potential to be present within the Project area and adjacent areas that could be affected by the Project, including California Species of Special Concern and California Fully Protected Species (Fish & G. Code § § 3511, 4700, 5050, and 5515). Species to be addressed should include all those which meet the CEQA definition (CEQA Guidelines § 15380). The inventory should address seasonal variations in use of the Project area and should not be limited to resident species.

4. Information on the regional setting that is critical to an assessment of environmental impacts, with special emphasis on resources that are rare or unique to the region (CEQA Guidelines § 15125[c]).

Analysis of Direct, Indirect, and Cumulative Impacts to Biological Resources

The EIR should provide a thorough discussion of the Project's potential direct, indirect, and cumulative impacts on biological resources. To ensure that Project impacts on biological resources are fully analyzed, the following information should be included in the EIR:

1. The EIR should define the threshold of significance for each impact and describe the criteria used to determine whether the impacts are significant (CEQA Guidelines, § 15064, subd. (f)). The EIR must demonstrate that the significant environmental impacts of the Project were adequately investigated and discussed, and it must permit the significant effects of the Project to be considered in the full environmental context.

2. A discussion of potential impacts from lighting, noise, human activity, and wildlife-human interactions created by Project activities especially those adjacent to natural areas, exotic and/or invasive species occurrences, and drainages. The EIR should address Project-related changes to drainage patterns and water quality within, upstream, and downstream of the Project site, including: volume, velocity, and frequency of existing and post-Project surface flows; polluted runoff; soil erosion and/or sedimentation in streams and water bodies; and post-Project fate of runoff from the Project site.

3. A discussion of potential indirect Project impacts on biological resources, including resources in areas adjacent to the Project footprint, such as nearby public lands (e.g., National Forests, State Parks, etc.), open space, adjacent natural habitats, riparian ecosystems, wildlife corridors, and any designated and/or proposed reserve or mitigation lands (e.g., preserved lands associated with a Conservation or Recovery Plan, or other conserved lands).

4. A cumulative effects analysis developed as described under CEQA Guidelines section 15130. The EIR should discuss the Project's cumulative impacts to natural resources and determine if that contribution would result in a significant impact. The EIR should include a list of present, past, and probable future

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projects producing related impacts to biological resources or shall include a summary of the projections contained in an adopted local, regional, or statewide plan, that consider conditions contributing to a cumulative effect. The cumulative analysis shall include impact analysis of vegetation and habitat reductions within the area and their potential cumulative effects. Please include all potential direct and indirect Project-related impacts to riparian areas, wetlands, wildlife corridors or wildlife movement areas, aquatic habitats, sensitive species and/or special-status species, open space, and adjacent natural habitats in the cumulative effects analysis.

Mitigation Measures for Project Impacts to Biological Resources

The EIR should include appropriate and adequate avoidance, minimization, and/or mitigation measures for all direct, indirect, and cumulative impacts that are expected to occur as a result of the construction and long-term operation and maintenance of the Project. CDFW also recommends the environmental documentation provide scientifically supported discussion regarding adequate avoidance, minimization, and/or mitigation measures to address the Project's significant impacts upon fish and wildlife and their habitat. For individual projects, mitigation must be roughly proportional to the level of impacts, including cumulative impacts, in accordance with the provisions of CEQA (Guidelines § § 15126.4(a)(4)(B), 15064, 15065, and 16355). In order for mitigation measures to be effective, they must be specific, enforceable, and feasible actions that will improve environmental conditions. When proposing measures to avoid, minimize, or mitigate impacts, CDFW recommends consideration of the following:

1. *Fully Protected Species*: Several Fully Protected Species (Fish & G. Code § 3511) have the potential to occur within or adjacent to the Project area, including, but not limited to: white-tailed kite (*Elanus leucurus*), bald eagle (*Haliaeetus leucocephalus*), golden eagle (*Aquila chrysaetos*), and California black rail (*Laterallus jamaicensis coturniculus*). Project activities described in the EIR should be designed to completely avoid any fully protected species that have the potential to be present within or adjacent to the Project area. If fully protected species cannot be completely avoided, the Project should obtain incidental take coverage for all species that have the potential to be present within or adjacent to the Project Area[2]. CDFW also recommends the EIR fully analyze potential adverse impacts to fully protected species due to habitat modification, loss of foraging habitat, and/or interruption of migratory and breeding behaviors. CDFW recommends that the City include in the analysis how appropriate avoidance, minimization and mitigation measures will reduce indirect impacts to fully protected species.

2. *Species of Special Concern*: Several Species of Special Concern (SSC) have the potential to occur within or adjacent to the Project area, including, but not limited

2 CDFW may only issue incidental take permits for specified projects if certain conditions are satisfied per SB 147.

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to: California red-legged frog (*Rana draytonii*), purple martin (*Progne subis*), yellow-breasted chat (*Icteria virens*), loggerhead shrike (*Lanius ludovicianus*), yellow warbler (*Setophaga petechia*), olive-sided flycatcher (*Contopus cooperi*), fisher (*Pekania pennanti*), American badger (*Taxidea taxus*), pallid bat (*Antrozous pallidus*), Townsend's big-eared bat (*Corynorhinus townsendii*), northwestern pond turtle (*Actinemys marmorata*), and coast horned lizard (*Phrynosoma blainvillii*). Project activities described in the EIR should be designed to avoid any SSC that have the potential to be present within or adjacent to the Project area. CDFW also recommends that the EIR fully analyze potential adverse impacts to SSC due to habitat modification, loss of foraging habitat, and/or interruption of migratory and breeding behaviors. CDFW recommends the City include in the analysis how appropriate avoidance, minimization and mitigation measures will reduce impacts to SSC.

3. *Sensitive Plant Communities*: CDFW considers sensitive plant communities to be imperiled habitats having both local and regional significance. Plant communities, alliances, and associations with a statewide ranking of S-1, S-2, S-3, and S-4 should be considered sensitive and declining at the local and regional level. These ranks can be obtained by querying the CNDDB and are included in *The Manual of California Vegetation* (Sawyer 2009). The EIR should include measures to fully avoid and otherwise protect sensitive plant communities from Project-related direct and indirect impacts.

4. *Native Wildlife Nursery Sites*: CDFW recommends the EIR generally analyze potential adverse impacts to native wildlife nursery sites, including but not limited to bat maternity roosts. Based on review of Project materials, the Project site contains potential nursery site habitat for structure and tree roosting bats and is near potential foraging habitat. Bats are considered non-game mammals and are afforded protection by state law from take and/or harassment, (Fish & G. Code, § 4150; Cal. Code of Regs, § 251.1). CDFW recommends that the EIR fully identify the Project's potential impacts to native wildlife nursery sites, and include appropriate avoidance, minimization and mitigation measures to reduce impacts or mitigate any potential significant impacts to bat nursery sites.

5. *Mitigation*: CDFW considers adverse Project-related impacts to sensitive species and habitats to be significant to both local and regional ecosystems, and the EIR should include mitigation measures for adverse Project-related impacts to these resources. Mitigation measures should emphasize avoidance and reduction of Project impacts. For unavoidable impacts, onsite habitat restoration, enhancement, or permanent protection should be evaluated and discussed in detail. If onsite mitigation is not feasible or would not be biologically viable and therefore not adequately mitigate the loss of biological functions and values, offsite mitigation through habitat creation and/or acquisition and preservation in perpetuity should be addressed.

   The EIR should include measures to perpetually protect the targeted habitat values within mitigation areas from direct and indirect adverse impacts in order to

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meet mitigation objectives to offset Project-induced qualitative and quantitative losses of biological values. Specific issues that should be addressed include restrictions on access, proposed land dedications, long-term monitoring and management programs, control of illegal dumping, water pollution, increased human intrusion, etc.

6. *Habitat Revegetation/Restoration Plans*: Plans for restoration and revegetation within the Project area should be prepared by persons with expertise in the regional ecosystems and native plant restoration techniques. Plans should include, at a minimum: (a) the location of restoration sites and assessment of appropriate reference sites; (b) the plant species to be used, sources of local propagules, container sizes, and seeding rates; (c) a schematic depicting the mitigation area; (d) a local seed and cuttings and planting schedule; (e) a description of the irrigation methodology; (f) measures to control exotic vegetation on site; (g) specific success criteria; (h) a detailed monitoring program; (i) contingency measures should the success criteria not be met; and (j) identification of the party responsible for meeting the success criteria and providing for conservation of the mitigation site in perpetuity. Monitoring of restoration areas should extend across a sufficient time frame to ensure that the new habitat is established, self-sustaining, and capable of surviving drought.

   CDFW recommends that local propagules be collected and used for restoration purposes, where feasible. Onsite seed collection should be appropriately timed to ensure the viability of the seeds when planted. Onsite vegetation mapping at the alliance and/or association level should be used to develop appropriate restoration goals and local plant palettes. Reference areas should be identified to help guide restoration efforts. Restoration objectives should include protecting special habitat elements or re-creating them in areas affected by the Project. Examples may include retention of woody material, logs, snags, rocks, and brush piles. Fish and Game Code sections 1002, 1002.5 and 1003 authorize CDFW to issue permits for the take or possession of plants and wildlife for scientific, educational, and propagation purposes. Please see our website for more information on Scientific Collecting Permits at www.wildlife.ca.gov/Licensing/Scientific-Collecting#53949678-regulations-.

7. *Nesting Birds*: Please note that it is the Project proponent's responsibility to comply with all applicable laws related to nesting birds and birds of prey. Migratory non-game native bird species are protected by international treaty under the federal Migratory Bird Treaty Act (MBTA) of 1918, as amended (16 U.S.C. 703 *et seq.*). CDFW implemented the MBTA by adopting the Fish and Game Code section 3513. Fish and Game Code sections 3503, 3503.5 and 3800 provide additional protection to nongame birds, birds of prey, their nests and eggs. Sections 3503, 3503.5, and 3513 of the Fish and Game Code afford protective measures as follows: section 3503 states that it is unlawful to take, possess, or needlessly destroy the nest or eggs of any bird, except as otherwise provided by the Fish and Game Code or any regulation made pursuant thereto; section 3503.5 states that is it unlawful to take, possess, or destroy any birds in the orders Falconiformes or Strigiformes (birds-of-

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prey) or to take, possess, or destroy the nest or eggs of any such bird except as otherwise provided by the Fish and Game Code or any regulation adopted pursuant thereto; and section 3513 states that it is unlawful to take or possess any migratory nongame bird as designated in the MBTA or any part of such migratory nongame bird except as provided by rules and regulations adopted by the Secretary of the Interior under provisions of the MBTA.

Potential habitat for nesting birds and birds of prey is present within the Project area. CDFW recommends the EIR include specific avoidance and minimization measures to ensure that impacts to nesting birds or their nests do not occur.

8. *Translocation of Species*: CDFW generally does not support the use of relocation, salvage, and/or transplantation as the sole mitigation for impacts to rare, threatened, or endangered species as these efforts are generally experimental in nature and largely unsuccessful. Therefore, the EIR should include mitigation measures utilizing habitat restoration, conservation, and/or preservation, in addition to avoidance and minimization measures, if it is determined that there may be impacts to rare, threatened, or endangered species.

The EIR should incorporate mitigation performance standards that would ensure that impacts are reduced to a less-than-significant level. Mitigation measures proposed in the EIR should be made a condition of approval of the Project. Please note that obtaining a permit from CDFW by itself with no other mitigation proposal may constitute mitigation deferral. CEQA Guidelines section 15126.4, subdivision (a)(1)(B) states that formulation of mitigation measures should not be deferred until some future time. To avoid deferring mitigation in this way, the EIR should describe avoidance, minimization and mitigation measures that would be implemented should the impact occur.

California Endangered Species Act

CDFW is responsible for ensuring appropriate conservation of fish and wildlife resources including threatened, endangered, and/or candidate plant and animal species, pursuant to CESA. CDFW recommends that a CESA Incidental Take Permit (ITP) be obtained if the Project has the potential to result in "take" (Fish & G. Code § 86 defines "take" as "hunt, pursue, catch, capture, or kill, or attempt to hunt, pursue, catch, capture, or kill") of State-listed CESA species, either through construction or over the life of the Project.

State-listed or candidate species with the potential to occur in the area include but are not limited to: Crotch's bumble bee (*Bombus crotchii*), western bumble bee (*Bombus occidentalis*), foothill yellow-legged frog (*Rana boylii*), willow flycatcher (*Empidonax traillii*), and tricolored blackbird (*Agelaius tricolor*).

The EIR should disclose the potential of the Project to take State-listed species and how the impacts will be avoided, minimized, and mitigated. Please note that mitigation measures that are adequate to reduce impacts to a less-than significant level to meet CEQA requirements may not be enough for the issuance of an ITP. To facilitate the

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issuance of an ITP, if applicable, CDFW recommends the EIR include measures to minimize and fully mitigate the impacts to any State-listed species the Project has potential to take. CDFW encourages early consultation with staff to determine appropriate measures to facilitate future permitting processes and to engage with the U.S. Fish and Wildlife Service and/or National Marine Fisheries Service to coordinate specific measures if both State and federally listed species may be present within the Project vicinity.

Native Plant Protection Act

The Native Plant Protection Act (Fish & G. Code §1900 *et seq*.) prohibits the take or possession of State-listed rare and endangered plants, including any part or product thereof, unless authorized by CDFW or in certain limited circumstances. Take of State-listed rare and/or endangered plants due to Project activities may only be permitted through an ITP or other authorization issued by CDFW pursuant to California Code of Regulations, Title 14, section 786.9 subdivision (b).

Lake and Streambed Alteration Program

The EIR should identify all perennial, intermittent, and ephemeral rivers, streams, lakes, other hydrologically connected aquatic features, and any associated biological resources/habitats present within the entire Project footprint (including utilities, access and staging areas). The environmental document should analyze all potential temporary, permanent, direct, indirect and/or cumulative impacts to the above-mentioned features and associated biological resources/habitats that may occur because of the Project. If it is determined the Project will result in significant impacts to these resources the EIR shall propose appropriate avoidance, minimization and/or mitigation measures to reduce impacts to a less-than-significant level.

Section 1602 of the Fish and Game Code requires an entity to notify CDFW prior to commencing any activity that may do one or more of the following:

1. Substantially divert or obstruct the natural flow of any river, stream or lake;

2. Substantially change or use any material from the bed, channel or bank of any river, stream, or lake; or

3. Deposit debris, waste or other materials where it may pass into any river, stream or lake.

Please note that "any river, stream or lake" includes those that are episodic (i.e., those that are dry for periods of time) as well as those that are perennial (i.e., those that flow year-round). This includes ephemeral streams and watercourses with a subsurface flow. It may also apply to work undertaken within the flood plain of a body of water.

If upon review of an entity’s notification, CDFW determines that the Project activities may substantially adversely affect an existing fish or wildlife resource, a Lake and Streambed Alteration (LSA) Agreement will be issued which will include reasonable measures necessary to protect the resource. CDFW’s issuance of an LSA Agreement is

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a “project” subject to CEQA (see Pub. Resources Code 21065). To facilitate issuance of an LSA Agreement, if one is necessary, the EIR should fully identify the potential impacts to the lake, stream, or riparian resources, and provide adequate avoidance, mitigation, and monitoring and reporting commitments. Early consultation with CDFW is recommended, since modification of the Project may avoid or reduce impacts to fish and wildlife resources. All LSA Notification types must be submitted online through CDFW’s Environmental Permit Information Management System (EPIMS). For more information about EPIMS, please visit https://wildlife.ca.gov/Conservation/Environmental-Review/EPIMS. More information about LSA Notifications, paper forms and fees may be found at https://www.wildlife.ca.gov/Conservation/Environmental-Review/LSA.

Please note that other agencies may use specific methods and definitions to determine impacts to areas subject to their authorities. These methods and definitions often do not include all needed information for CDFW to determine the extent of fish and wildlife resources affected by activities subject to Notification under Fish and Game Code section 1602. Therefore, CDFW does not recommend relying solely on methods developed specifically for delineating areas subject to other agencies’ jurisdiction (such as United States Army Corps of Engineers) when mapping lakes, streams, wetlands, floodplains, riparian areas, etc. in preparation for submitting a Notification of an LSA.

CDFW relies on the lead agency environmental document analysis when acting as a responsible agency issuing an LSA Agreement. CDFW recommends lead agencies coordinate with us as early as possible, since potential modification of the proposed Project may avoid or reduce impacts to fish and wildlife resources and expedite the Project approval process.

The following information will be required for the processing of an LSA Notification and CDFW recommends incorporating this information into any forthcoming CEQA document(s) to avoid subsequent documentation and Project delays:

1. Mapping and quantification of lakes, streams, and associated fish and wildlife habitat (e.g., riparian habitat, freshwater wetlands, etc.) that will be temporarily and/or permanently impacted by the Project, including impacts from access and staging areas. Please include an estimate of impact to each habitat type.

2. Discussion of specific avoidance, minimization, and mitigation measures to reduce Project impacts to fish and wildlife resources to a less-than-significant level. Please refer to section 15370 of the CEQA Guidelines.

Based on review of Project materials, maps, and aerial photography, the Project site supports several streams and associated riparian habitat. CDFW recommends the EIR fully identify the Project’s potential impacts to the stream and/or its associated vegetation and wetlands.

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Placer County Conservation Program

The Project is located within the Plan Area of the Placer County Conservation Program (PCCP). The PCCP comprises three planning documents published by Placer County: the Western Placer County Habitat Conservation Plan and Natural Community Conservation Plan (HCP/NCCP), the Western Placer County Aquatic Resources Program, and the Western Placer County In-Lieu Fee Program.

CEQA Guidelines section 15125(d) states that EIRs must discuss any inconsistencies between projects and applicable plans (including habitat conservation plans/natural community conservation plans). CDFW recommends the EIR include a discussion of the Project's consistency with the PCCP and how the City will ensure that implementation of the Project does not impede the PCCP's ability to meet its biological goals and objectives. The PCCP documents can be found at: http://www.placer.ca.gov/3362/Placer-County-Conservation-Program.

ENVIRONMENTAL DATA

CEQA requires that information developed in environmental impact reports and negative declarations be incorporated into a database, which may be used to make subsequent or supplemental environmental determinations (Pub. Resources Code, § 21003, subd. (e)). Accordingly, please report any special-status species and natural communities detected during Project surveys to CNDDB. The CNNDB field survey form can be found at the following link: https://www.wildlife.ca.gov/Data/CNDDB/Submitting-Data. The completed form can be submitted online or mailed electronically to CNDDB at the following email address: CNDDB@wildlife.ca.gov.

FILING FEES

The Project, as proposed, would have an effect on fish and wildlife, and assessment of filing fees is necessary. Fees are payable upon filing of the Notice of Determination by the City and serve to help defray the cost of environmental review by CDFW. Payment of the fee is required in order for the underlying project approval to be operative, vested, and final. (Cal. Code Regs, tit. 14, § 753.5; Fish & G. Code § 711.4; Pub. Resources Code, § 21089.)

CONCLUSION

Pursuant to Public Resources Code sections 21092 and 21092.2, CDFW requests written notification of proposed actions and pending decisions regarding the Project. Written notifications shall be directed to: California Department of Fish and Wildlife North Central Region, 1701 Nimbus Road, Rancho Cordova, CA 95670 or emailed to R2CEQA@wildlife.ca.gov.

CDFW appreciates the opportunity to comment on the Notice of Preparation of the EIR for the Auburn General Plan Update and recommends that the City address CDFW's comments and concerns in the forthcoming EIR. CDFW personnel are

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available for consultation regarding biological resources and strategies to minimize impacts.

If you have any questions regarding the comments provided in this letter or wish to schedule a meeting and/or site visit, please contact Patrick Moeszinger, Senior Environmental Scientist (Specialist) at (916) 767-3935 or patrick.moeszinger@wildlife.ca.gov.

Sincerely,

DocuSigned by:
Tanya Sheya
1ABC45303752499...

Tanya Sheya
Environmental Program Manager

ec: Dylan Wood, Senior Environmental Scientist (Supervisory)
Patrick Moeszinger, Senior Environmental Scientist (Specialist)
Department of Fish and Wildlife

Office of Planning and Research, State Clearinghouse, Sacramento

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REFERENCES

Sawyer, J. O., T. Keeler-Wolf, and J. M. Evens. 2009. A Manual of California Vegetation, 2nd ed. California Native Plant Society Press, Sacramento, California. http://vegetation.cnps.org/

COUNTY OF Placer
HEALTH & HUMAN SERVICES
ENVIRONMENTAL HEALTH

MEMORANDUM

DATE: December 17, 2024

TO: City of Auburn

FROM: Danielle Pohlman, REHS

SUBJECT: NOP – General Plan Update

Environmental Health has reviewed notice of preparation to prepare an EIR for the City of Auburn General Plan Update and has the following comments:

1. Environmental Health looks forward to the opportunity to provide comments on the Draft Environmental Impact Report and the Draft General Plan Update, especially with respect to any discussion on groundwater wells and onsite sewage disposal where the Division has jursidication.

Environmental Health ▪ 11434 B Ave, Suite 400 ▪ Auburn, CA 95603
(530) 745-2300 Office ▪ (530) 745-2370 fax ▪ environmentalhealth@placer.ca.gov

December 20, 2024 via email: tklumpp@auburn.ca.gov

Tia Klumpp, Senior Planner
City of Auburn, Planning Department
1225 Lincoln Way
Auburn, CA 95603

Subject: NOP for the Auburn General Plan Update EIR

Dear Ms. Klumpp,

The Placer County Community Development Resource Agency (CDRA) appreciates the opportunity to provide comments on the Notice of Preparation (NOP) for the Environmental Impact Report (EIR) for the City of Auburn General Plan Update. To foster continued coordination between the two jurisdictions, we request that County staff be given the opportunity to review draft technical documents identifying impacts and potential mitigation measures related to infrastructure planning, including transportation, sewer, water, and drainage.

We have reviewed the NOP and would like to offer the following input regarding the scope of the EIR, ensuring that the analysis thoroughly addresses key issues of importance to Placer County and its residents:

1. **Coordination with County Plans and Policies:**
    - We request that the EIR assess consistency with, and potential impacts to, Placer County's General Plan, particularly in areas where the City's Sphere of Influence (SOI) overlaps with County jurisdictions.
    - The analysis should examine how proposed changes to land use and development intensities could affect existing County policies related to growth management, open space preservation, and regional infrastructure planning.
    - Placer County recently completed the Mobility and Infill Acceleration Study (MIAS), funded through the Caltrans Sustainable Communities Grant Program. The study provides strategies for reducing vehicle miles traveled (VMT), improving air quality, and promoting infill development near the City of Auburn. The City's EIR should incorporate MIAS findings, especially regarding land use and mobility improvements that align with regional sustainability and smart growth goals. Key opportunity areas, such as Bell Road and Luther Road in North Auburn, offer potential for coordinated planning between the City and County.
2. **Wildfire and Hazard Mitigation:**
    - The General Plan Update must thoroughly address the wildfire risk in and around the expanded SOI, including areas designated as high fire hazard severity zones.

- The EIR should evaluate the potential for increased wildfire risk due to new development and identify mitigation measures that align with County and State wildfire hazard reduction strategies. Refer to the Placer County Sustainability Plan and the 2021 Placer County Local Hazard Mitigation Plan for these strategies.

3. **Public Services and Utilities:**
   - The proposed land use changes should be evaluated for their potential impact on public services, including fire, law enforcement, and schools, especially in unincorporated areas adjacent to the City.
   - Consideration should also be given to the capacity of existing utility infrastructure to accommodate increased growth in the SOI.
4. **Environmental Resources:**
   - The EIR should include a detailed analysis of potential impacts to biological resources, particularly in areas identified for conservation under County plans including the Placer County Conservation Program (PCCP).
   - Special attention should be given to cumulative impacts on air quality, water resources, and greenhouse gas emissions in the context of regional efforts to meet sustainability and climate goals.
5. **Public Involvement and Regional Collaboration:**
   - We request opportunities for County staff to participate in discussions regarding mitigation measures and alternatives to ensure alignment with regional priorities. County staff are available to engage early in the process, prior to the release of public review draft documents, to provide input and promote coordination that supports effective and cohesive planning outcomes.
6. **Environmental Health**
   - Environmental Health looks forward to the opportunity to provide comments on the Draft Environmental Impact Report and the Draft General Plan Update, especially with respect to any discussion on groundwater wells and onsite sewage disposal where the Division has jurisdiction.

Placer County looks forward to continuing collaboration with the City of Auburn on this important effort. Please feel free to contact Leigh Chavez at 530.745.3077 or lchavez@placer.ca.gov if you have any questions or require additional information regarding these comments.

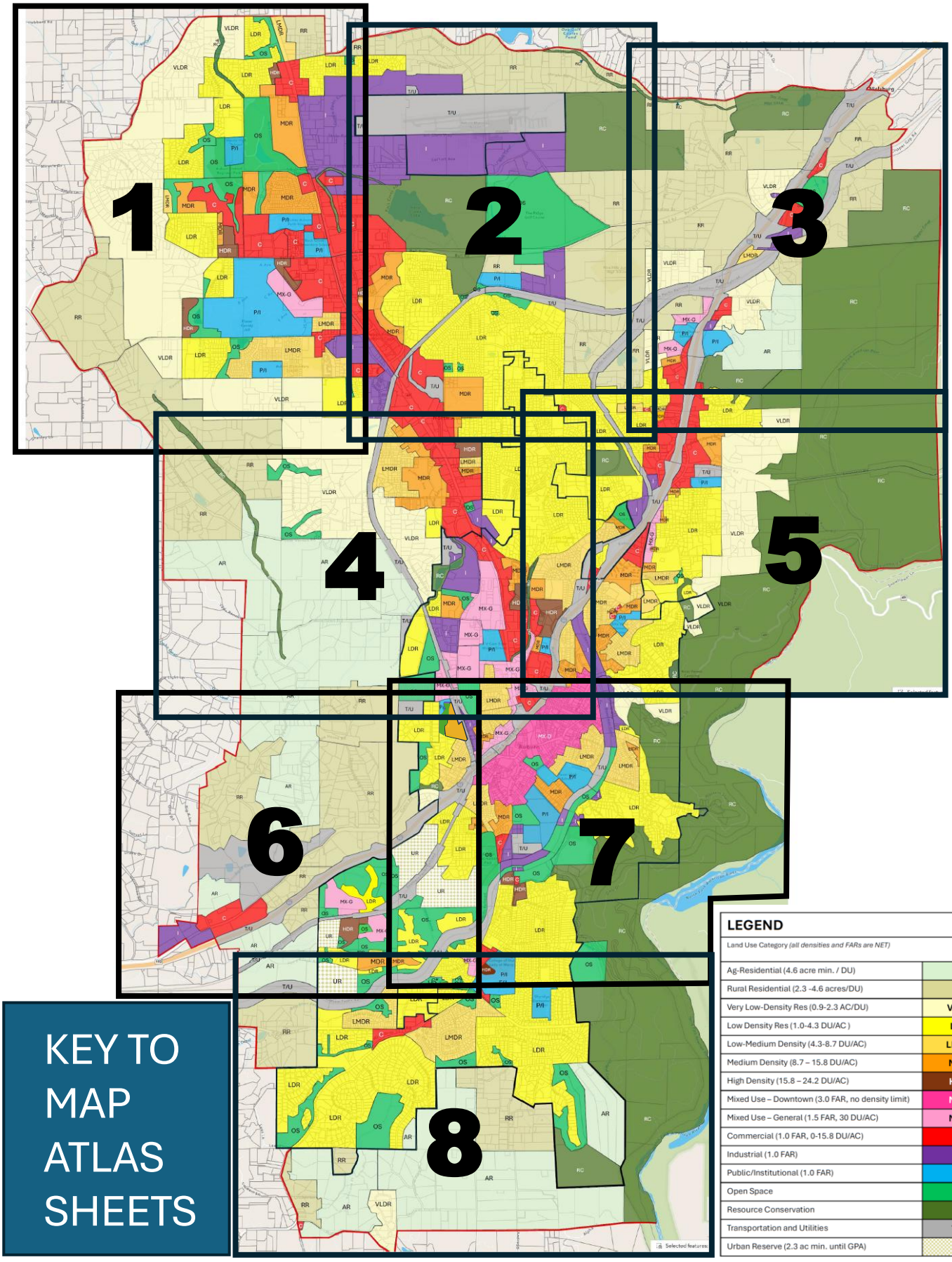
Thank you for your consideration, and we look forward to reviewing the Draft EIR.

Sincerely,

LEIGH CHAVEZ, PRINCIPAL PLANNER
ENVIRONMENTAL COORDINATOR

Appendix B

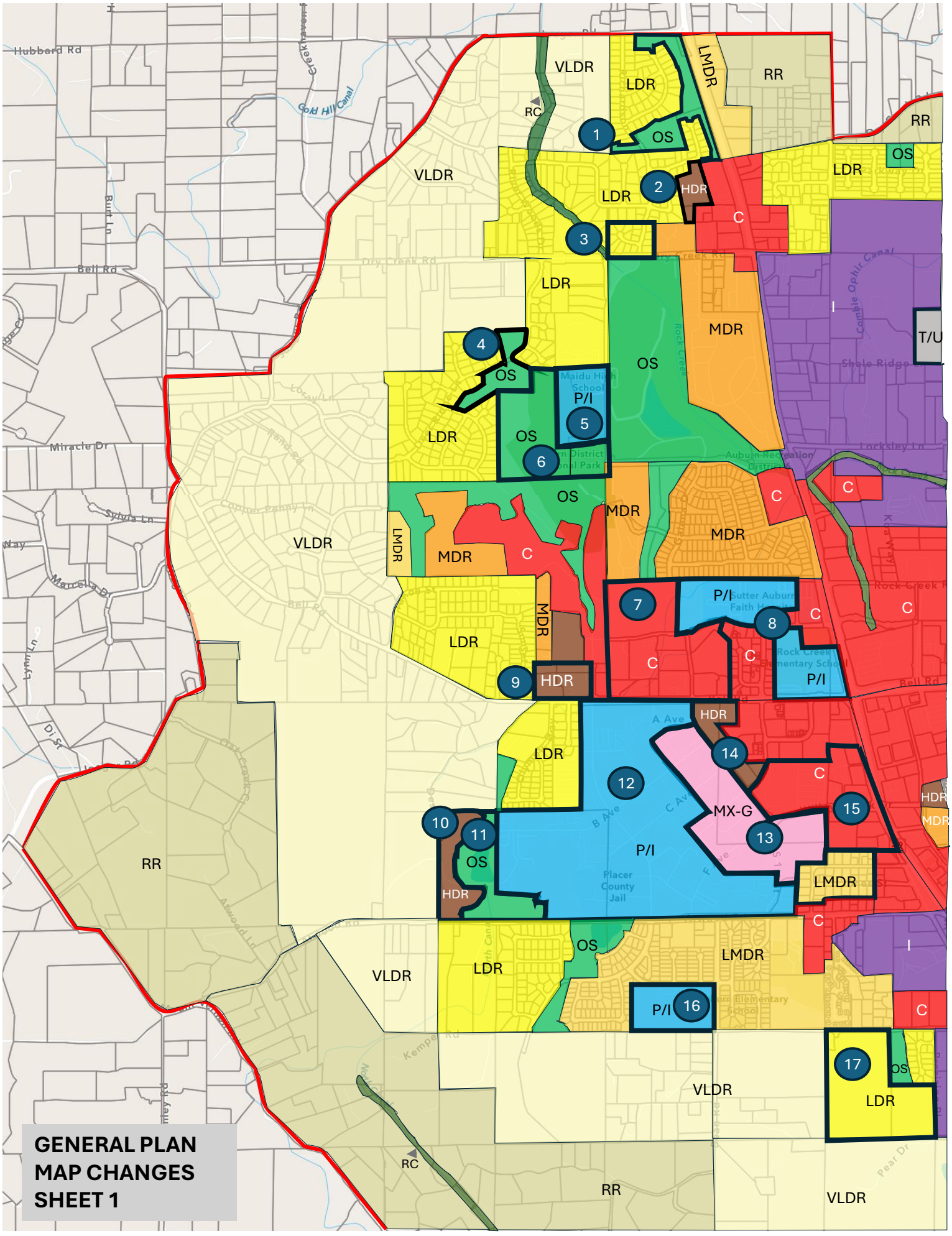
Proposed General Plan Land Use Map Changes



KEY TO MAP ATLAS SHEETS

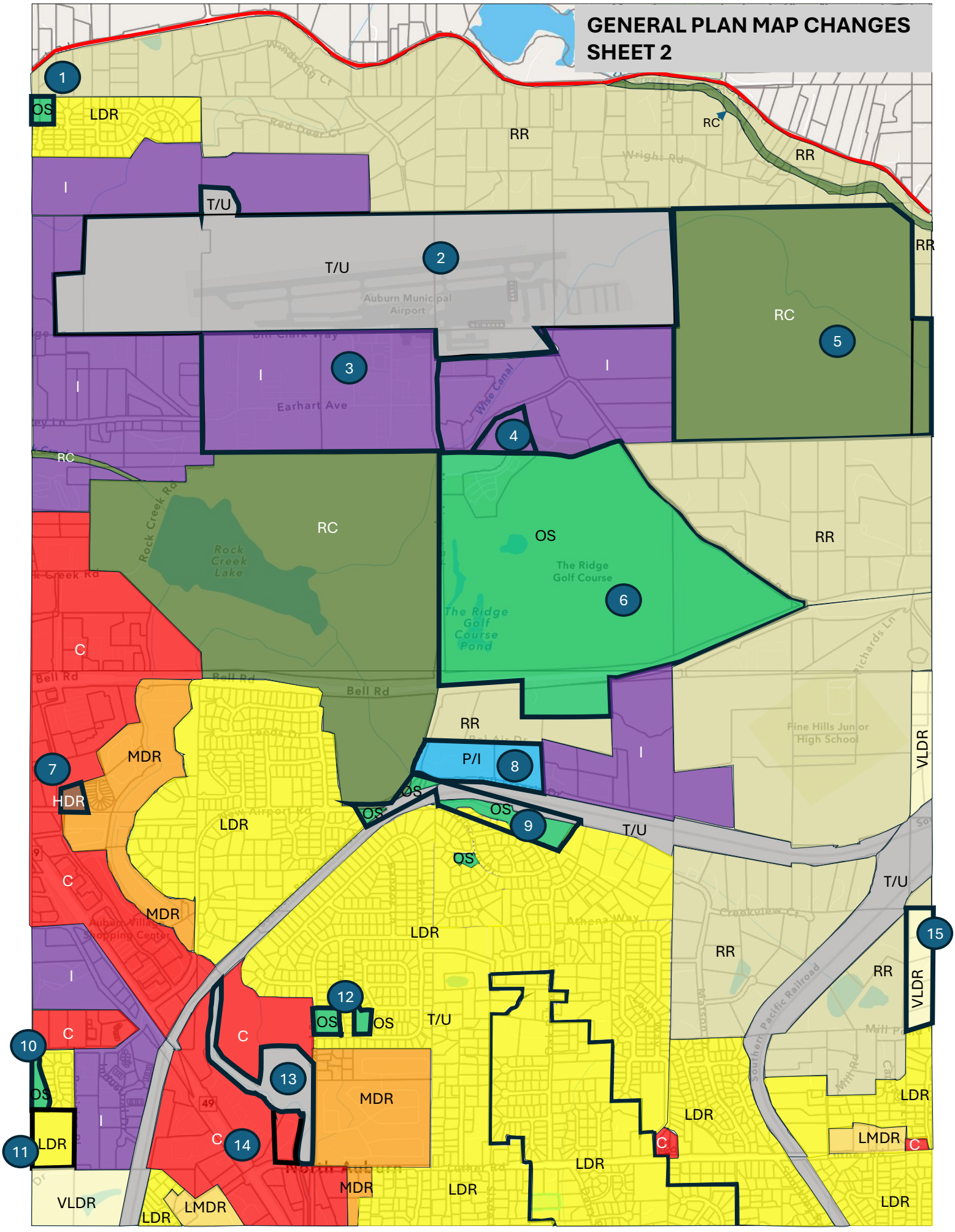
LEGEND	
Land Use Category *(all densities and FARs are NET)*	
Ag-Residential (4.6 acre min. / DU)	AR
Rural Residential (2.3 -4.6 acres/DU)	RR
Very Low-Density Res (0.9-2.3 AC/DU)	VLDR
Low Density Res (1.0-4.3 DU/AC)	LDR
Low-Medium Density (4.3-8.7 DU/AC)	LMDR
Medium Density (8.7 – 15.8 DU/AC)	MDR
High Density (15.8 – 24.2 DU/AC)	HDR
Mixed Use – Downtown (3.0 FAR, no density limit)	MXD
Mixed Use – General (1.5 FAR, 30 DU/AC)	MXG
Commercial (1.0 FAR, 0-15.8 DU/AC)	C
Industrial (1.0 FAR)	I
Public/Institutional (1.0 FAR)	P/I
Open Space	OS
Resource Conservation	RC
Transportation and Utilities	T/U
Urban Reserve (2.3 ac min. until GPA)	UR

AUBURN GENERAL PLAN 2045
DRAFT LAND USE MAP


VLDR
LDR
LMDR
RR
OS
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2
HDR
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MDR
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T/U
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P/I
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HDR
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13
MX-G
10
11
LMDR
16
17
Hubbard Rd
Gold Hill Canal
Bell Rd
Miracle Dr
Dry Creek Rd
Rock Creek
Combie Ophir Canal
Shale Ridge
Locksley Ln
Rock Creek Elementary School
Placer County Jail
Kempe Rd
Pear Dr
GENERAL PLAN
MAP CHANGES
SHEET 1

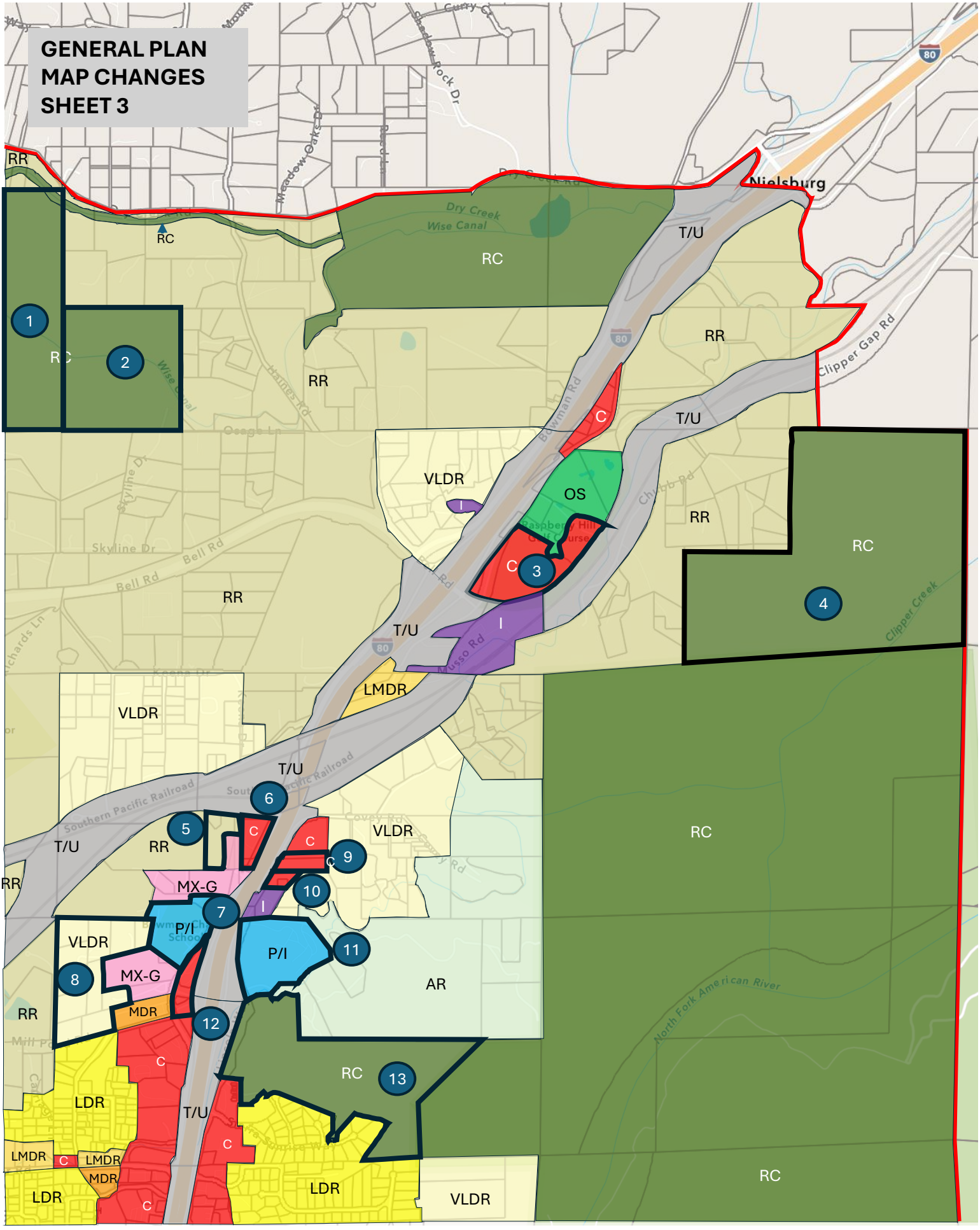
SHEET 1

		General Plan Designation		
ID	**Jurisdiction**	**Current**	**Proposed**	**Rationale**
1	County	LDR (1.1-2.5 DUA)	Open Space	Permanently designated common open space in a subdivision
2	County	Commercial	HDR	County Housing Opportunity site, recently rezoned to 30 DUA
3	County	MDR (5-10 DUA)	LDR (1.1-4.3 DUA)	Designation reflects actual development pattern, which is single family
4	County	LDR (1.1-2.5 DUA)	Open Space	Permanently designated common open space in a subdivision
5	County	LDR (1.1-2.5 DUA)	Public/Instit.	Public buildings (Placer School for Adults)
6	County	LDR (1.1-2.5 DUA)	Open Space	Recreation Park 24 acre expansion area (Marriott Meadows)
7	County	Mixed Use	Commercial	Limiting high density housing potential within overflight zone
8	County	Office	Public/Instit.	Hospital facilities (institutional uses)
9	County	Mixed Use	HDR	Reflects recent senior housing development
10	County	Gov Ctr Master Plan	HDR	Mapping actual specific plan proposed land use (for consistency)
11	County	Gov Ctr Master Plan	Open Space	Mapping actual specific plan proposed land use (for consistency)
12	County	Gov Ctr Master Plan	Public/Instit.	Mapping actual specific plan proposed land use (for consistency)
13	County	Gov Ctr Master Plan	MX-G	Mapping actual specific plan proposed land use (for consistency)
14	County	Gov Ctr Master Plan	HDR	Reflects recent high density development (Mercy North Auburn)
15	County	Mixed Use	Commercial	Limiting high density housing potential within overflight zone
16	County	MDR (5-10 DUA)	Public/Inst.	Auburn Elementary School
17	County	LDR (1.1-2.5 DUA)	LDR (1.1-4.3 DUA)	Designation consistent with prevailing land use / housing in area. Potential single family housing opportunity


GENERAL PLAN MAP CHANGES
SHEET 2
1
OS
LDR
RR
RC
I
T/U
2
T/U
Auburn Municipal Airport
RR
RC
5
I
3
I
Earhart Ave
I
Wise Canal
4
RC
RC
Rock Creek Rd
Rock Creek Lake
OS
The Ridge Golf Course
6
RR
The Ridge Golf Course Pond
C
Bell Rd
Bell Rd
Bell Rd
RR
P/I
8
7
MDR
HDR
LDR
OS
OS
OS
9
T/U
OS
C
MDR
Auburn Village Shopping Center
LDR
T/U
Creekview Ct
RR
15
VLDR
I
12
OS
OS
T/U
C
C
10
13
MDR
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49
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VLDR
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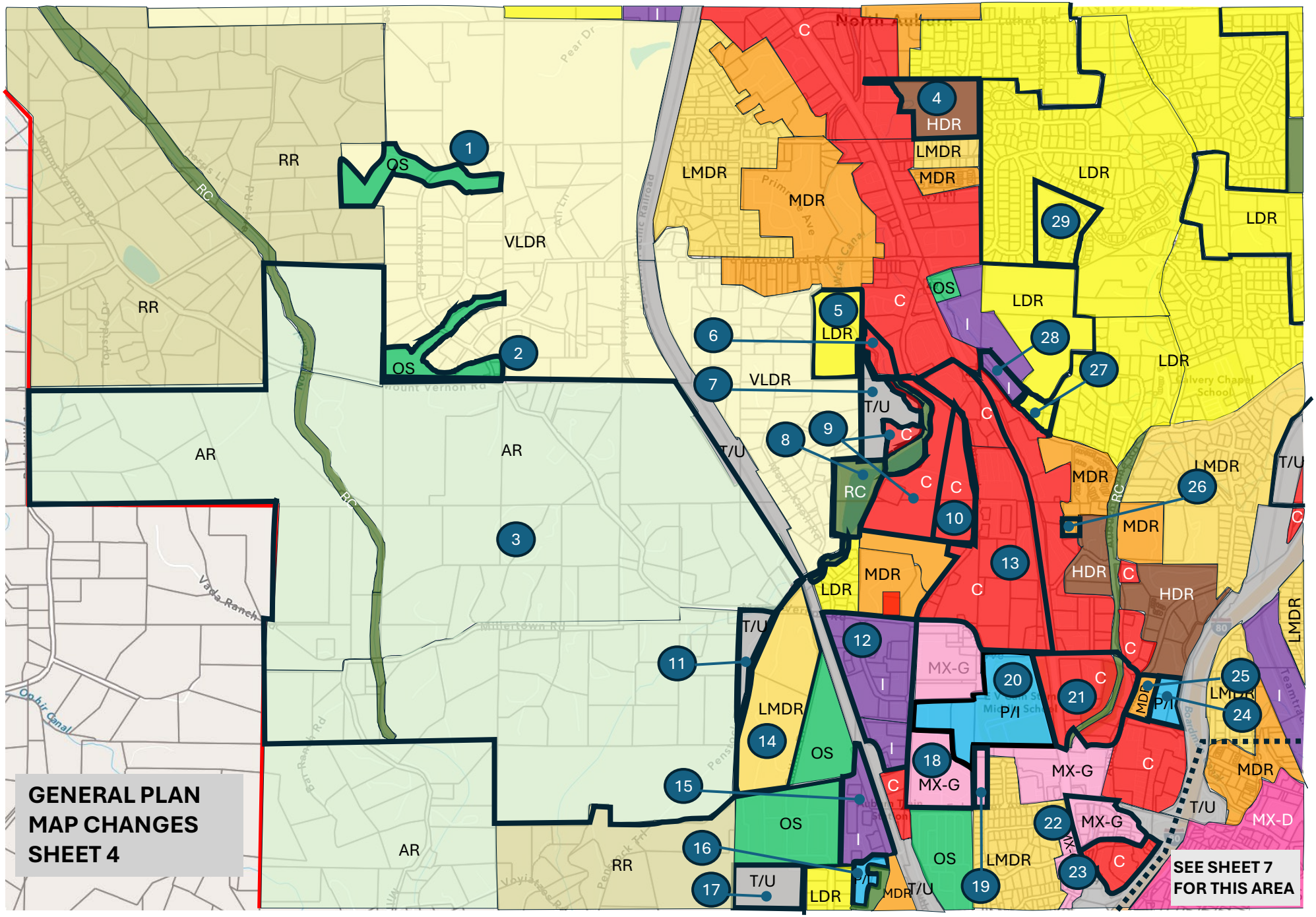
SHEET 2

ID	Jurisdiction	General Plan Designation		Rationale
		Current	Proposed	
1	County	LMDR (2-5 DUA)	Open Space	This is North Park (a Placer County Park facility)
2	City	Industrial/Public	Transp/Utility	
3	City	Industrial/Public	Industrial	Not a substantive change. Ind/Public category now called "Industrial"
4	County	Open Space/ Business Park	Industrial	Vacant privately owned land with potential for light industry (not open space)
5	County	Rural Estate (4.6 -10 Ac/DU)	Resource Cons	Placer Land Trust has a conservation easement over this entire site
6	County	Open Space/ Business Park	Open Space	Site was developed as Ridge Golf Course in 1999, not a business park
7	County	Commercial	HDR	County Housing site, recently rezoned for 30 DUA
8	County	Industrial	Public/Inst.	Site includes public facilities (Placer Union HS District facilities)
9	County	LMDR (2-5 DUA)	Open Space	These are permanent open space sites within a subdivision
10	County	LDR (1-2 DUA)	Open Space	Permanent OS/flood control within a subdivision
11	County	LDR (1-2 DUA)	LDR (2-5 DUA)	Designation reflects prevailing development patterms amd land uses
12	County	LMDR (2-5 DUA)	Open Space	Permanent open space within a subdivision, plus Spring Meadows Park
13	County	Industrial	Transp/Utility	PG&E utility yard (utility designation)
14	County	Industrial	Commercial	Part of existing shopping center (not industrial). Zoned commercial.
15	County	Mixed Use	VLDR (0.5 to 1.1 DUA)	County's Draft Bowman Land Use Map restores lower density res here


GENERAL PLAN
MAP CHANGES
SHEET 3
RR
RC
Nielsburg
Dry Creek
Wise Canal
RC
T/U
RR
Clipper Gap Rd
1
2
RC
RR
Haines Rd
Osage Ln
Skyline Dr
Bell Rd
C
T/U
VLDR
OS
I
Raspberry Hill
Golf Course
C
3
RR
RC
4
Clipper Creek
T/U
I
Musso Rd
LMDR
VLDR
T/U
Southern Pacific Railroad
6
5
C
C
VLDR
T/U
RR
C
9
RR
MX-G
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P/I
VLDR
P/I
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MX-G
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RR
MDR
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MDR
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LDR
VLDR
RC
North Fork American River
RC

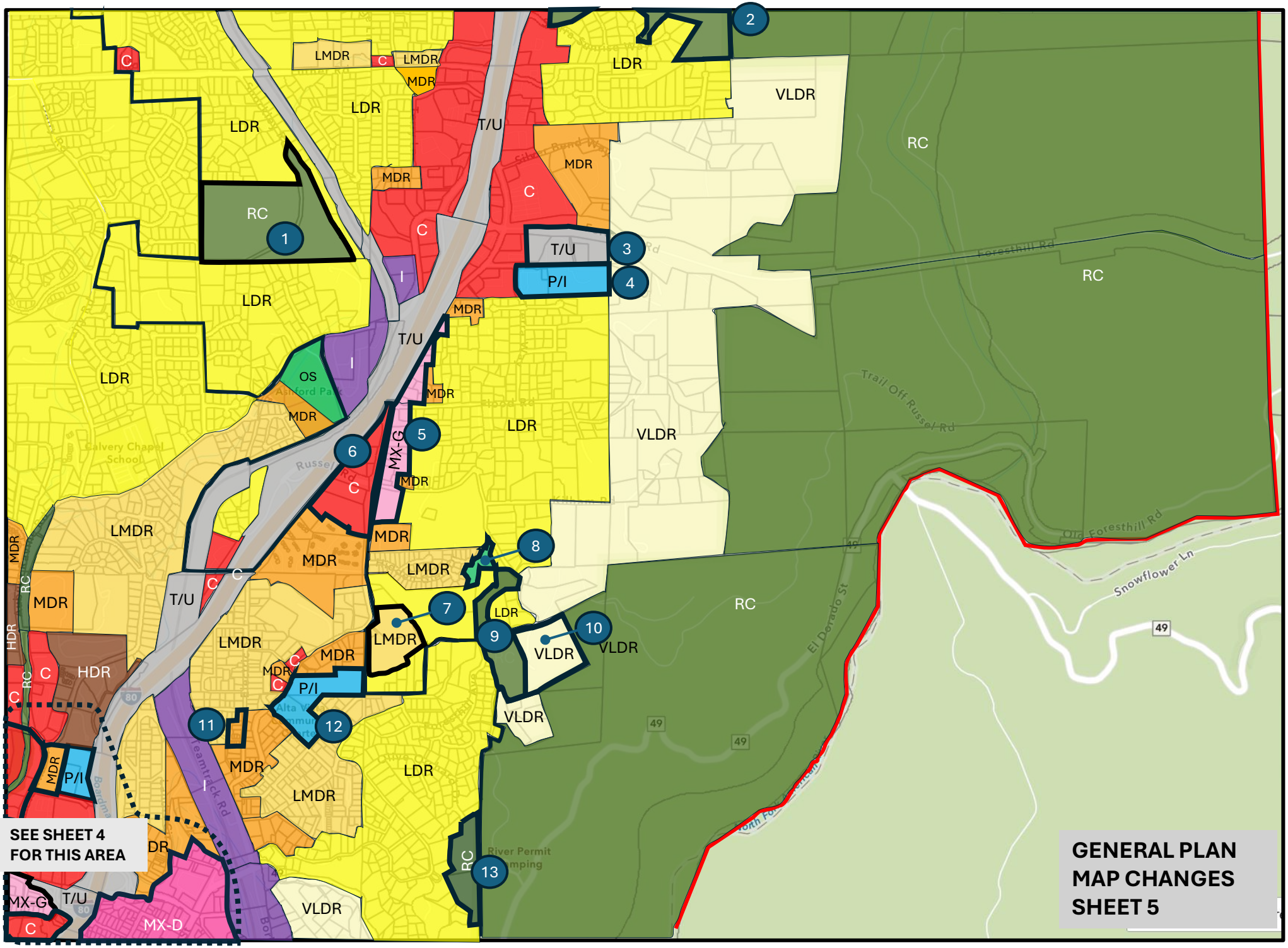
SHEET 3

ID	Jurisdiction	General Plan Designation		Rationale
		Current	Proposed	
1	County	Rural Estate (4.6 -10 Ac/DU)	Resource Con	Entire site is covered by Placer Land Trust Conservation Easement
2	County	Rural Res (2.3 - 4.6 Ac/DU)	Resource Con	Entire site is covered by Placer Land Trust Conservation Easement
3	County	Commercial/ Open Space	Commercial/ Open Space	Same designation, but shape is redrawn to avoid irregular "blobs" on site
4	County	Rural Estate (4.6 -10 Ac/DU)	Resource Con	Entire site is covered by Placer Land Trust Conservation Easement
5	County	Mixed Use	Rural Res (2.3-4.6 Ac/DU)	County Draft Bowman Land Use Map recommend restoring Rural Res here
6	County	Mixed Use	Commercial	County Draft Bowman Land Use Map recommended restoring Comm'l here
7	County	Mixed Use	Public/Instit.	Bowman School campus
8	County	Mixed Use	VLDR (0.9-2.3 Ac/DU)	County Draft Bowman Land Use Map recommended restoring lower density here
9	County	Rural Low (0.9 - 2.3 Ac/DU)	Commercial	Vacant land w freeway frontage, adjoins commercial in Bowman
10	County	Industrial	Commercial	Vacant land w freeway frontage, adjoins commercial in Bowman
11	County	Industrial	Public/Instit.	This is the CALFIRE regional facility in Bowman
12	County	Open Space	Commercial	These are developed commercial properties
13	County	LDR (1.1-2.5 DUA)	Resource Con	CanyonView site is owned by Placer Land Trust and is permanent open space


GENERAL PLAN
MAP CHANGES
SHEET 4
SEE SHEET 7
FOR THIS AREA
RR
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VLDR
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MDR
HDR
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MX-G
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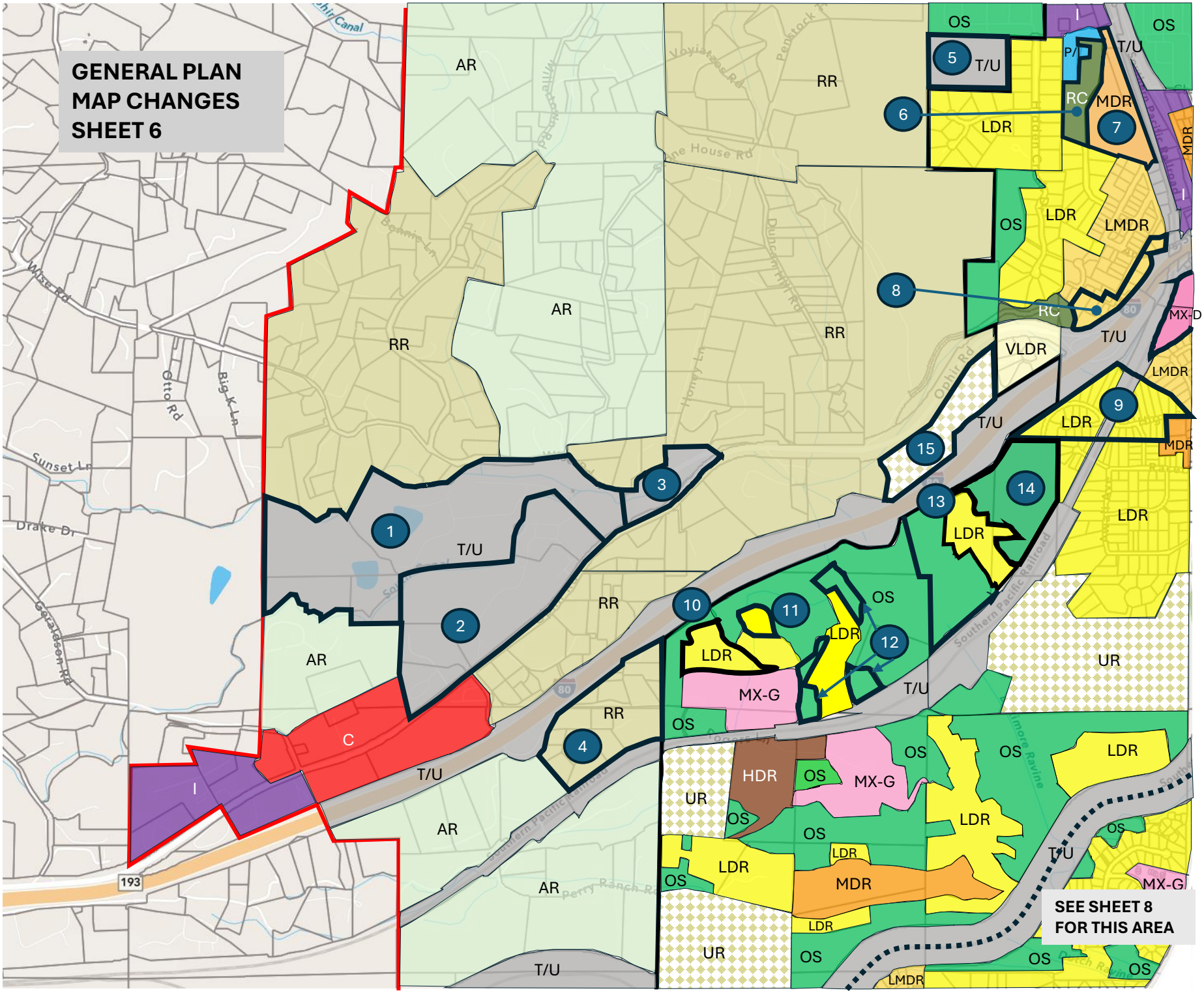
SHEET 4

ID	Jurisdictio	General Plan Designation		Rationale
		Current	Proposed	
1	County	Rural Low (0.9 - 2.3 Ac/DU)	Open Space	Common open space within a subdivision (Vineyard HOA)
2	County	Rural Low (0.9 - 2.3 Ac/DU)	Open Space	Common open space within a subdivision (Vineyard HOA)
3	County	Rural Res (2.3 - 4.6 Ac/DU)	Ag Res (4.6 Ac Min)	Zoning requires 200,000 SF (4.6 ac) parcels, which is consistent with A-R. Area is primarily agricultural (vineyards, etc.)
4	County	Commercial	HDR	County Housing Site (Canal St) and it was recently rezoned to 30 DUA
5	County	LDR (1.1-2.5 DUA)	LDR (1.1-4.3 DUA)	Studied as a County Housing Site. Designation matches prevailing land use pattern and development trends; presumes single family detached
6	County	LDR (1.1-2.5 DUA)	Commercial	Avoids split parcels--applies to the rear of commercial parcels with Nevada St frontage. LDR does not work on the rear portions.
7	City	Urban Low (2-4 DUA)	Transp/Util.	PG&E property
8	City	Urban Low (2-4 DUA)	Resource Con	Wise Forebay canal ROW and perimeter lands. Most of area is in Placer Land Trust conservation easement.
9	City	Urban Low (2-4 DUA)	Commercial	Part of large site on Nevada Street. Economic Dev. opportunity for City
10	City	Mixed Use	Commercial	Part of large site on Nevada Street. Economic Dev. opportunity for City
11	County	Rural Res (2.3 - 4.6 Ac/DU)	Transp/Util.	PG&E property
12	City	Commercial	Industrial	Reflects existing uses, which are industrial and office/flex
13	City	Mixed Use	Commercial	Most developed land in this area is C-2 commercial, while the undeveloped land is better suited as commercial/ MDR than high intensity mixed use
14	City	Urban Low (2-4 DUA)	LDR (4.3-8.7 DUA)	Improves economic feasibility of proposed residental project
15	City	Urban Low (2-4 DUA)	Industrial	Reflects existing use (Creekside Business Park--office/flex)
16	City	Industrial	Public/Inst.	Reflects existing use (City Corp Yard)
17	County	Open Space	Transp/Util.	PG&E property
18	City	Public	MX-G	Domes site, mixed use opportunity
19	City	Commercial	MX-G	Office Bldg east of Domes on Palm Av, extension of Domes mixed use area
20	City	Mixed Use	Public/Inst.	EV Cain School - public use; incl Library and County education offices
21	City	Mixed Use	Commercial	Commercially zoned and built out with office & automotive uses
22	City	HDR (10-15 DUA)	MX-G	Commercially zoned. Currently a mix of housing and commercial use
23	City	Mixed Use	Commercial	Holiday Inn, In-N-Out Burger. Retain major revenue generators.
24	City	Commercial	Public/Inst.	School District offices and facilities
25	City	Commercial	MDR (8.7-15.8 DUA)	Reflects existing uses (relatively new medium density housing)
26	City	Commercial	MDR (8.7-15.8 DUA)	Reflects existing uses
27	City	Commercial	LDR (1.1-4.3 DUA)	Existing homes, R-1-10 zoning, reflects existing use. Avoids split designation on parcels.
28	City	Commercial	Industrial	Reflects existing use-Same owner as concrete plant on Marguerite Mine Rd
29	City	Private OS	LDR (1.1-4.3 DUA)	Reflects existing uses. This is now a developed subdivision (Westwood Dr)


SEE SHEET 4
FOR THIS AREA
GENERAL PLAN
MAP CHANGES
SHEET 5
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LDR
VLDR
LMDR
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OS
MX-C
MX-D
MX-G
Foresthill Rd
Old Foresthill Rd
Trail Off Russel Rd
Snowflower Ln
El Dorado St
Teamtrick Rd
Calvery Chapel School
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80

SHEET 5

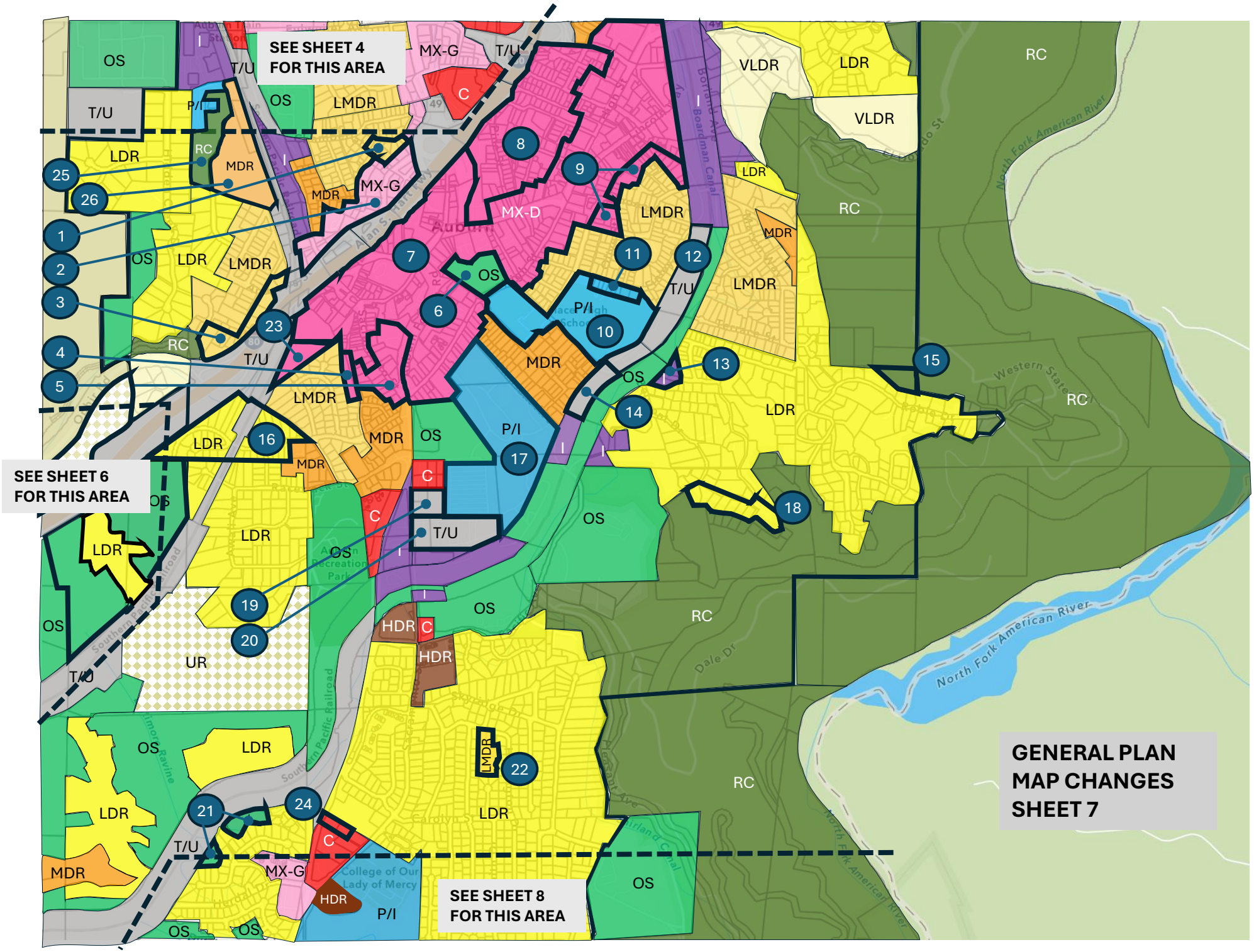
		General Plan Designation		
ID	**Jurisdiction**	**Current**	**Proposed**	**Rationale**
1	County	LMDR (2-5 DUA)	Resource Con	Land acquired by ARD as permanent open space--no improvements
2	County	Rural Low (0.9 - 2.3 Ac/DU)	Resource Con	Land acquired by Placer Land Trust (Canyon View Open Space)
3	County	Industrial	Transp/Utilities	PCWA water treatment facilities
4	County	Comm/ LDR (2-5 DUA)	Public/Institut.	PCWA offices and public facilities
5	County	Commercial	MX-G	Mix of residential and commercial uses along Lincoln Way adjacent to City limits, with a few opportunities for mixed use.
6	City	MixedUse	Commercial	Proposed RV park, highway serving area on Russell Road at I-80
7	County	LMDR (2-5 DUA)	LMDR (4.3-8.7 DUA)	Opportunity for townhome/small lot development. County had proposed 30 DUA on this property.
8	County	MDR (5-10 DUA)	Open Space	Dedicated open space area within Hidden Glen subdivision
9	City/County	UrbLow(2-4 DUA)	Resource Con	Placer Land Trust Conservation Easement
10	City	UrbLow(2-4 DUA)	VLDR (0.5 to 1.1 DUA)	9.5-ac parcel on edge of canyon with several homes, Ag. Residential zoning
11	City	LMDR (6 DUA)	MDR (8.7-15.8 DUA)	One block, zoned R-3 with mix of apts. and SF homes. Reflects existing uses and zoning
12	City	OS/ MDR (10 DUA)	Public/Institut.	Reflects actual use--Alta Vista School
13	City	LDR (1-2 DUA)	Resource Con	Placer Land Trust Conservation Easement


GENERAL PLAN
MAP CHANGES
SHEET 6
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Ophir Canal
Wise Rd
Otto Rd
Big K Ln
Sunset Ln
Drake Dr
Gustafson Rd
Bonnie Ln
Stone House Rd
Duncan Hill Rd
Honey Ln
Ophir Rd
Penstock Rd
Vbyiatsas Rd
Perry Ranch Rd
Southern Pacific Railroad
Rogers Ln
Dunmore Ravine
80
193
SEE SHEET 8
FOR THIS AREA

SHEET 6

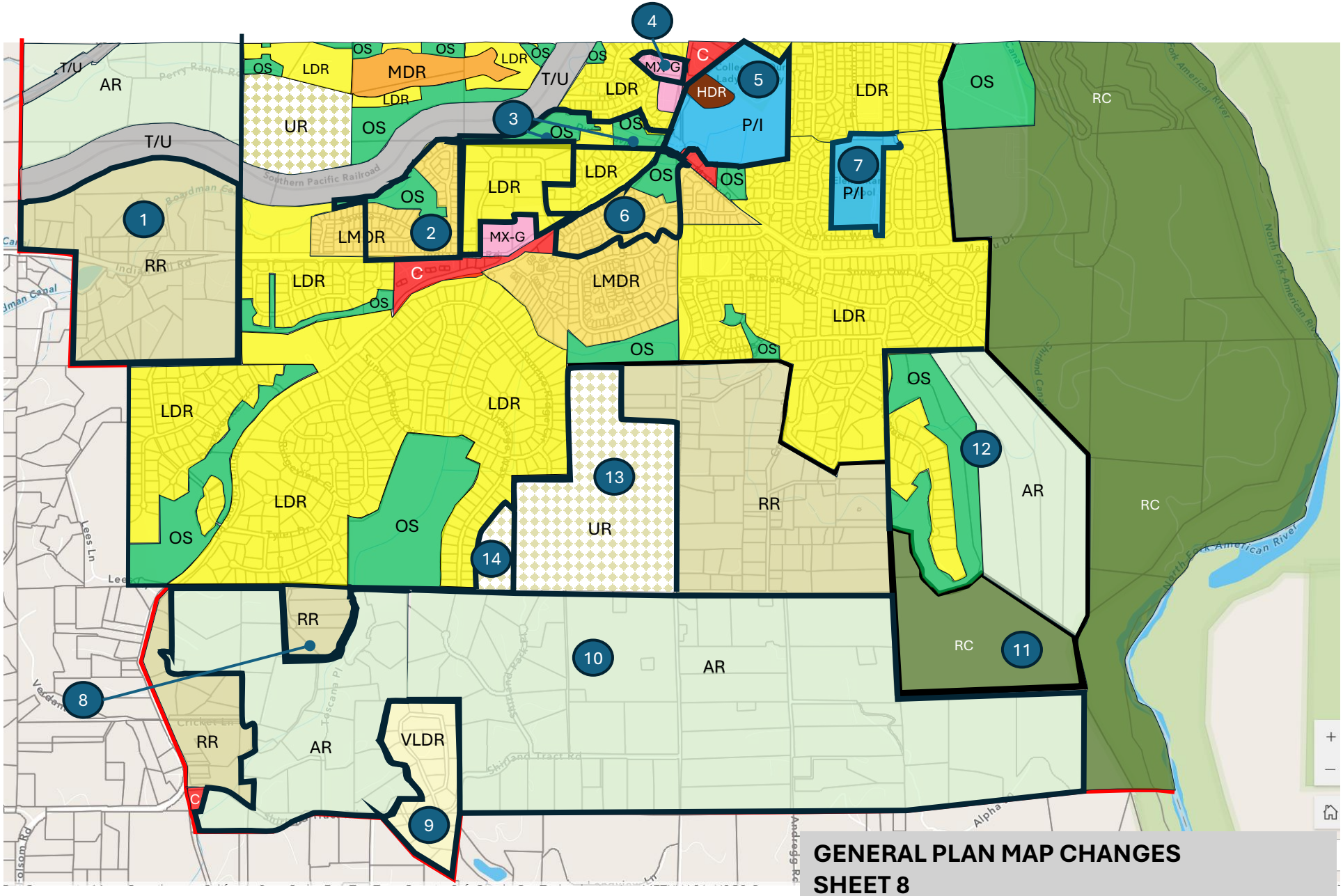
ID	Jurisdict	General Plan Designation Current	Proposed	Rationale
1	City	Ind/Public	Transp./Utiities	City wastewater plant. This is not a substantive change
2	County	Industrial	Transp./Utiities	PCWA various facilities, adjacent to City wastewater plant
3	County	Rural Res (2.3 -4.6 Ac/DU)	Transp./Utiities	PG&E facilties, immediately east of City wastewater plant
4	County	Rural Res (1-10 ac min)	Rural Res (2.3-4.6 Ac/DU)	The 1-10 ac category does not exist on Auburn's Plan and is from an older plan for Newcastle. RR (2.3-4.6 ac/unit) is the best fit for this area based on lot sizes.
5	County	Open Space	Transp./Utiities	PG&E property
6	City	See Note (1) below	Resource Conservation	Riparian corridor on Blocker Dr site
7	City		MDR (8.7-15.8 DUA)	Previously recommended for Industrial; MDR now recommended as balanced response to community feedback and state/regional climate directives re: density and transit.
8	City	Open Space	LMDR (4.3-8.7 DUA)	May have been mapped as OS in 1993 in anticipation of I-80 widening, but is privately owned and developed w SF homes, a church, etc.
9	City	MDR (5-10 DUA)	LDR (1.1-4.3 DUA)	Reflects existing uses. Developed neighborhood zoned R-1-15 and consisting of SF homes on lots larger than 10,000 SF
10	City	MXD	LDR (1.1-4.3 DUA)	More realistic allocation of development potential in BRSP area
11	City	Open Space	LDR (1.1-4.3 DUA)	More realistic allocation of development potential in BRSP area
12	City	LDR (1.1-4.3 DUA)	Open Space	More realistic allocation of development potential in BRSP area
13	City	Urban Reserve	LDR (1.1-4.3 DUA)	Baltimore Ravine Study Area conceptual development proposal
14	City	Urban Reserve	Open Space	Baltimore Ravine Study Area conceptual development proposal
15	County	Rural Res (2.3 -4.6 Ac/DU)	Urban Reserve	14-ac vacant parcel abuts city limits and contains abandoned service station. Logical location for annexation.

Note 1: Site was shown as Urban Residential in the 1993 Plan. The site was rezoned to Open Space, Industrial, and SF Residential in the late 1990s, but there is no record of a concurrent General Plan Amendment.


SEE SHEET 4
FOR THIS AREA
SEE SHEET 6
FOR THIS AREA
SEE SHEET 8
FOR THIS AREA
GENERAL PLAN
MAP CHANGES
SHEET 7
OS
T/U
LDR
MDR
LMDR
MX-G
MX-D
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North Fork American River
Western States
Auburn
Dale Dr
Boardman Canal
Southern Pacific Railroad
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SHEET 7

ID	Jurisdiction	General Plan Designation		Rationale
		Current	Proposed	
1	City	Commercial	LMDR (4.3-8.7 DUA)	Reflects existing uses. Developed neighborhood zoned R-1-5
2	City	Commercial	MX-G	Currently a mix of commercial and residential uses, including several apartment buildings. Area has freeway frontage and redev. potential
3	City	Open Space	LMDR (4.3-8.7 DUA)	NOT open space. These are private lots with single family homes, zoned R-1-7. May have been a plan to widen I-80 at one time.
4	City	LMDR (6 DUA)	MX-D	Part of Form Based Code Area (Brewery Ln)
5	City	HDR (10-15 DUA)	MX-D	Part of Form Based Code Area (Sacramento St)
6	City	HDR (10-15 DUA)	Open Space	School St Park Preserve
7	City	Commercial	MX-D	Form Based Code Area (includes all Downtown Commercial land and several public buildings)
8	City	HDR (10-15 DUA)	MX-D	Residential (R-3) portion of the Form Based Code area
9	City	LMDR (6 DUA)	MX-D	Part of Form Based Code Area (Cherry, Orange, Magnolia)
10	City	Open Space	Public/Instit.	Placer High School campus
11	City	LMDR (6 DUA)	Public/Instit.	Placer High School campus
12	City	Industrial	Transp/Utilities	Portion of UPRR ROW used for stadium parking and open space, not industry. Transportation designation continues to allow flexibility.
13	City	Urban Low (2-4 DUA)	Industrial	M-2 zoned vacant parcel(s) next to railroad (Gold St)
14	City	HDR (10-15 DUA)	Transp/Utilities	This is UP ROW and not a residential use
15	City	Urban Low (2-4 DUA)	Resource Cons	USA owned, part of the ASRA
16	City	MDR (5-10 DUA)	LDR (1.1-4.3 DUA)	Reflects existing uses. Developed neighborhood zoned R-1-15 and consisting of SF homes on lots larger than 10,000 SF
17	City	Open Space	Public/Instit.	Gold Country Fairgrounds
18	City	Open Space	LDR (1.1-4.3 DUA)	Private parcels, zoned R-1-20. Not part of the ASRA
19	City	Commercial	Transp/Utilities	PG&E service uses
20	City	Industrial	Transp/Utilities	PG&E service uses
21	City	Urban Low (2-4 DUA)	Open Space	Common open space in subdivision
22	City	Urban Low (2-4 DUA)	LMDR (4.3-8.7 DUA)	Underutilized property--Housing Opportunity
23	City	MDR (5-10 DUA)	MX-D	Hillside portion of Park Victorian hotel property within the FBC area
24	City	Urban Low (2-4 DUA)	Comm	Correction of longstanding map error. Property is zoned C-1
25	City	See Sheet 6 (shape 6)		
26	City	See Sheet 6 (shape 7)		



GENERAL PLAN MAP CHANGES
SHEET 8

SHEET 8

ID	Jurisdiction	General Plan Designation		Rationale
		Current	Proposed	
1	County	Rural Estate (4.6 -10 Ac/DU)	Rural Res (2.3-4.6 Ac/DU)	Current des. requires 4.6 acres, while which does not match zoning or prevailing pattern. Rural Res (2-5 acre lots) is better fit.
2	City	Mixed Use	OS/ LMDR (4.3-8.7 DUA)	1993 designation pre-dates subdivision of this site as a SF neighborhood
3	City	Urban Low (2-4 DUA)	Open Space	Sites are common open space within a newer subdivision
4	City	Office	MX-G	Potential mixed use opportunity. Office park, townhome-type design
5	City	Urban Low (2-4 DUA)	P/I and HDR	Mercy Center (institutional use) and Mercy Senior Housing (apts)
6	City	Commercial	OS/ LMDR (4.3-8.7 DUA)	1993 designation pre-dates subdivision of this site as Southridge, with common (HOA) open space area
7	City	Urban Low (2-4 DUA)	Public/Instit.	Skyridge Elementary
8	City	LDR (1-2 Ac/DU)	Rural Res (2.3-4.6 Ac/DU)	Reflects actual density, which is 2-3 acre lots
9	County	Rural Res (2.3 - 4.6 Ac/DU)	VLDR (0.5 to 1.1 DUA)	Reflects actual density, which is 1-2 acre lots
10	County	Rural Res (2.3 - 4.6 Ac/DU)	Ag Res (4.6 Ac Min)	Reflects zoning (4.6-acre min) and actual parcel patterns (mostly over 5 ac)
11	City	LDR (1-2 Ac/DU)	Resource Cons	Placer Land Trust Conservation Easement
12	City	RDR (1 DU/2 ac)	LDR/OS/AR	Reflects actual lot sizes and uses in Eagles Nest subdivision (post 1993)
13	County	Rural Res (2.3 - 4.6 Ac/DU)	Urban Reserve	UR would not change RR zoning, but merely indicates this is a logical expansion area for residential uses in the event other areas are not developed. About half of this area is owned by AUSD.
14	City	Urban Low (2-4 DUA)	Urban Reserve	See note above. Zoning (currently not consistent with the GP) would remain Agricultural.

Appendix C

Proposed City Municipal Code Amendments

ORDINANCE NO. 26-XX

AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF AUBURN REPEALING SECTION 159.019 OF, AND ADDING SECTIONS 159.048, 159.049, AND 159.550 TO 159.566 TO THE AUBURN MUNICIPAL CODE REGARDING CANNABIS RETAIL BUSINESSES

THE CITY COUNCIL OF THE CITY OF AUBURN DOES ORDAIN AS FOLLOWS:

Section One. Code Repeal. Section 159.019 of Chapter 159 of Title XV of the Auburn Municipal Code is hereby repealed in its entirety.

Section Two. Code Addition. Section 159.048 (Retail Cannabis (C-2-RC) is hereby added to Chapter 159 (Uses Permitted) of Title XV of the Auburn Municipal Code to read as follows:

159.048 Central Business District – Retail Cannabis (C-2-RC)

A. The following uses shall be permitted in the Central Business District – Retail Cannabis (C-2-RC) zone district:

   1. All uses as permitted in the C-2 District.

   2. Cannabis retail business as regulated by §§ 159.550 et seq.

B. Cannabis retail businesses shall be subject to the following development standards:

   1. *Parking requirements*. Cannabis retail businesses shall provide a minimum of one (1) parking space per employee present onsite at any time, plus 1 parking space per 200 square feet of gross floor area open to the public.

   1. Delivery operations if authorized shall be considered part of the gross floor area calculation for parking purposes.

   2. A cannabis retail business may reduce the required number of automobile parking spaces by providing secure bicycle parking spaces on-site, as follows:

      a. For every two (2) secure bicycle parking spaces, the cannabis retail business may reduce automobile parking requirements by one (1) space, which may offset up to three (3) automobile spaces.

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b. Bicycle parking spaces must be conveniently located and secured to ensure safety and usability.

2. Where a cannabis retail business is located within a multi-use or mixed-use development, the City may allow shared parking agreements with other on-site uses to satisfy parking requirements, provided the total parking supply meets demand projections based on combined uses.

3. Notwithstanding the parking regulations above, development requirements, including setbacks, lot coverage, and other site-specific standards, shall be governed by the regulations set forth in Appendix A: District Regulations for the C-2 District.

Section Three. Code Addition. Section 159.049 (Retail Cannabis (C-3-RC)) is hereby added to Chapter 159 (Uses Permitted) of Title XV of the Auburn Municipal Code to read as follows:

159.049 Regional Commercial – Retail Cannabis (C-3-RC)

A. The following uses shall be permitted in the Regional Commercial – Retail Cannabis (C-3-RC) zone district:

1. All uses as permitted in the C-3 District.

2. Cannabis retail business as regulated by §§ 159.550 et seq.

B. Cannabis Retail businesses shall be subject to the following development standards:

1. *Parking requirements*. Cannabis retail businesses shall provide a minimum of one (1) parking space per employee present onsite at any time, plus one (1) parking space per 200 square feet of gross floor area open to the public.

2. Delivery operations if authorized shall be considered part of the gross floor area calculation for parking purposes.

3. A cannabis retail business may reduce the required number of automobile parking spaces by providing secure bicycle parking spaces on-site, as follows:

a. For every two (2) secure bicycle parking spaces, the cannabis retail business may reduce automobile parking requirements by one (1) space, which may offset up to three (3) automobile spaces.

b. Bicycle parking spaces must be conveniently located and secured to ensure safety and usability.

4. Where a cannabis retail business is located within a multi-use or mixed-use development, the City may allow shared parking agreements with other on-site uses to satisfy parking requirements, provided the total parking supply meets demand projections based on combined uses.

5. Notwithstanding the parking regulations above, development requirements, including setbacks, lot coverage, and other site-specific standards, shall be governed by the regulations set forth in Appendix A: District Regulations for the C-3 District.

Section Four. Code Addition. Sections 159.550 to 159.566 (Subchapter 159 (Retail Cannabis)) are hereby added to Chapter 159 of Title XV of the Auburn Municipal Code to read as follows:

159.550 Purpose.

The purpose of this subchapter is to regulate all retail cannabis activity in the City to the extent authorized by and in accordance with law, including, without limitation, to provide for the licensure and regulation of cannabis retail businesses within the City.

159.551 Definitions.

As used in this subchapter, the following meanings shall apply unless the context clearly indicates a contrary intent:

The following words and terms shall have the meanings ascribed to them in Business and Professions Code section 26001 as that statute may be amended or renumbered from time to time: "cannabis," "cannabis accessories," "cannabis products," "cultivation," "retail cannabis activity," "delivery," "license," "operation," "person," "premises," "sale."

"Authorized grower" means a person who is twenty-one (21) years of age or older and who is lawfully permitted under California Health and Safety Code

Sections 11362.1 and 11362.2 to cultivate not more than six (6) living cannabis plants for personal use at a single, private residence. An authorized grower shall not include any person cultivating cannabis for commercial purposes under a state cannabis license, nor any person cultivating in violation of state law or this chapter.

"Cannabis retail business(es)" means any business and its premises from which adult use cannabis and/or adult use cannabis products are offered for sale and/or delivery that is licensed pursuant to applicable provisions of State law and this subchapter.

"City Manager" means the City Manager or his or her designee.

"Consumption" means smoking, vaporizing, or ingesting of adult use cannabis and/or adult use cannabis products including, but not limited to, ingestion by topical product, aerosol, or oils.

"Day care" means a State-authorized facility serving children (operated per the California Child Day Care Facilities Act), in which such care is conducted as a business.

"Director" The Planning Director or their designee or any other person authorized by the City Manager to administer this chapter.

"Gross receipts" has the same meaning as the meaning ascribed to it in Revenue and Taxation Code section 6012, as that statute may be amended or renumbered from time to time.

"Interested part(y/ies)" means all of the following:

A. Any person with an aggregate ownership interest, other than a security interest, lien, or encumbrance, of at least 10 percent of the cannabis retail business;

B. Partners, officers, directors, and stockholders of every corporation, limited liability company, joint venture, or general or limited partnership that own at least 10 percent of the cannabis retail business or that is one of the partners in the cannabis retail business;

C. The manager(s) of the cannabis retail business; and

D. Employees and agents of the cannabis retail business.

"Manager" means a person with responsibility for the establishment, registration, supervision, or oversight of the operation of a cannabis retail

business, including, but not limited to, a person who performs the functions of a board member, director, officer, owner, operating officer, or manager of the cannabis retail business.

"Primary residence" means the place where a person, by custom and practice, makes his or her principal domicile and address and to which the person intends to return following any temporary absence, such as a vacation. Residence is evidenced by actual daily physical presence, use and occupancy of the primary residence, and the use of the residential address for domestic purposes, such as, but not limited to, preparation of and eating of meals, regular mail delivery, and vehicle and voter registration.

"Private residence" means a house, an apartment unit, a mobile home, or other similar dwelling.

"Responsible part(y/ies)" means one or more individuals who have an ownership interest in a cannabis retail business and are designated to be personally responsible for compliance with all terms and conditions of the retail cannabis permit, all other permits required by the City, and all ordinances and regulations of the City. Any person having an ownership interest of more than fifty percent in a cannabis retail business shall be designated a responsible party on the application. If no individual owns more than fifty percent of a cannabis retail business, the individual owning the largest share shall be a responsible party, and if multiple individuals have the same percentage interest, each one shall be a responsible party. More than one individual can be designated a responsible party.

"Retail cannabis permit" means a permit issued pursuant to the provisions of this subchapter.

"Youth center" means a public or private facility that is primarily used to host recreational or social activities for minors, including, but not limited to, private youth membership organizations or clubs, social service teenage club facilities, video arcades, or similar amusement park facilities.

159.552 Compliance with State and Local Law.

A. Except as expressly authorized by State law and this subchapter, all retail cannabis activity is prohibited in the City regardless of any licenses issued under State law.

B. Cannabis retail businesses shall operate in conformance with all requirements and standards set forth in State law and this subchapter.

C. No person shall open or operate a cannabis retail business without possessing the following:

1. A retail cannabis permit issued by the City pursuant to Section 159.553,
2. A conditional use permit for use of the property as a cannabis retail business issued by the City pursuant to Section 159.556, and
3. An appropriate Type 10, Storefront Retailer license issued by the State.

D. Prior to beginning operations in the City, a cannabis retail business shall submit to the City Manager a copy of an appropriate license issued by the State for its operation.

E. Personal cultivation of cannabis shall only occur by an authorized grower in compliance with all requirements and standards set forth in State law and this subchapter. No person shall cultivate cannabis for personal use without first obtaining a cultivation permit pursuant to Section 159.557.

159.553 Retail Cannabis Permit Required.

A. Retail Cannabis Permit Application. A person may apply for a retail cannabis permit by submitting an application to the City during an application period designated by resolution of the City Council. Each person may submit only one application during a designated application period. The application shall be on a form approved by the City Manager and shall include:

1. **Non-Refundable Application Fee.** A non-refundable application fee in an amount determined by resolution of the City Council.
2. **Application Information**.
   a. The printed full name, signature, date of birth and present address and telephone number of all interested parties for the cannabis retail business, and designation of responsible parties.
   b. A primary physical and mailing address, if different, for notices and other mailed information.
   c. The names and addresses of all cannabis retail businesses operated by responsible parties for the five years preceding the date of the application.

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d. A list identifying any litigation, or settled claims not litigated, in which interested parties have been involved during the five years immediately preceding the date of the application

e. A statement whether any business currently operated by an interested party, or operated by an interested party in the five years immediately preceding the date of the application, has been investigated by a government agency or the permit, license, or other authorization for the operation of such business has been revoked or suspended.

f. Live Scan for each interested party that was conducted within 14 days immediately preceding the date of the application.

g. The name and telephone number of an emergency contact available at all times. The emergency contact must reside within a thirty-minute drive of the cannabis retail business.

h. A certification, under penalty of perjury, that the information in the application is true and correct and that no person listed in the application, as an interested party, a responsible party, or an applicant, or as an owner, director, officer, or board member of the applicant, has been convicted of a felony.

3. **Business Site Information.**

   a. Floor Plan. A scaled floor plan for each level of each building that makes up the business site, including, but not limited to, the entrances, exits, walls, cannabis storage areas and customer-access areas.

   b. Site Plan. A scaled site plan, including, but not limited to, all buildings, structures, driveways, parking lots, landscape areas, and boundaries.

   c. Property Owner's Consent. Evidence of the legal right to occupy and to use the proposed location for a cannabis retail business.

4. **Odor Control Plan.** A list and description of proposed odor control devices and techniques to prevent odors from cannabis and cannabis products from being detectable off-premises.

5. **Business Operations Information.**

   a. Business Plan. A plan describing how the cannabis retail business will operate in accordance with the operating requirements of Section 159.559, this code, State law, and

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other applicable laws and regulations. The business plan must also include the following:

1. Proposed days and hours of operation; and
2. Record-keeping procedures.

b. Community Relations Plan. A plan describing outreach and communications with the surrounding community, including the neighborhood and businesses, and a designated contact person responsible for implementing the plan.

c. Community Benefit Plan. A plan describing community benefits the cannabis retail business intends to provide to the surrounding community. The plan shall include a description of the applicant's commitment to enter into a community benefit agreement with the City. The community benefit agreement shall include, but not be limited to, provisions to implement the plan and other requirements of the City and payment of a "community benefit fee," which shall be a percentage of gross revenues derived from the cannabis retail business, as established by resolution of the City Council. The community benefit fee shall be remitted quarterly and shall be used to support City services including, but not limited to, public safety, parks, infrastructure, community services and programs, and other services. Execution of the community benefit agreement shall be a condition of approval of the use permit required pursuant to Section 159.556.

d. Neighborhood Responsibility Plan. A plan to address potential effects of the cannabis retail business on the surrounding neighborhood area.

e. Inventory Control Procedures. A list and description of procedures for inventory control including prevention of diversion of cannabis and cannabis products, employee screening, securing and storage of cannabis and cannabis products, personnel policies, and record-keeping procedures.

f. Tax Compliance. A current copy of the responsible party's City business license tax certificate, State sales tax seller's permit, and responsible party or parties' most recent year's financial statement and tax returns, as applicable.

g. Insurance. Proof of insurance, as required by Section 159.559(H).

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6. **Appearance.** A description of how the cannabis retail business will conform with the appearance requirements of Section 159.560.
7. **Security Plan**. An operations and security plan in conformance with Section 159.561.
8. **Indemnification**. An agreement, on a form provided by the City Manager, whereby the responsible party defends, indemnifies and holds harmless the City and its officers, employees, agents, independent contractors, and volunteers, from and against any and all claims or suits arising out of or related to the application.
9. **Certification.** A statement in writing by the responsible party that he or she certifies under penalty of perjury that all the information contained in the application is true and correct.

B. In addition to any other reason established by resolution of the City Council, a retail cannabis permit application shall be automatically disqualified if:

1. The application is incomplete, filed late, or is not responsive to the requirements of this subchapter.
2. The application contains a false or misleading statement or an omission of any material fact.
3. The operation of the business site described in the application fails to comply with any of the requirements in this code, State law, or any other applicable law or regulation.
4. An interested party has been convicted of an offense that is substantially related to the qualifications, functions, or duties of the business or profession for which the application is made.
5. The proposed location for the cannabis retail business is within 200 feet of a public park, any school providing instruction in kindergarten or grades 1 through 12, day care center or youth center that is in existence at the time the application is submitted, measured in a straight line from the closest property line of the public park, school, day care center or youth center to the closest point of the premises where the cannabis retail business is proposed.
6. An interested party has operated a cannabis retail business within five years immediately preceding the date of the application for which a State or local license, permit, or other authorization has been revoked.

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7. Operation of the proposed site for the cannabis retail business, as represented in the application, is a threat to the public health, safety, or welfare or would create a public nuisance.

C. The City Manager, a third-party consultant hired for this purpose, and/or a committee or committees of persons appointed by the City Manager for this purpose, shall rank retail cannabis permit applications by the following criteria, giving equal weight to each, and shall, thereafter, report to the City Council the ranking of each application:

1. Community Benefit. Applicants' commitment to the City demonstrated through local hiring and community support. This includes evaluation of the community benefit plan required pursuant to Section 159.553(A)(5)(c).
2. Equity and Labor. Applicants' commitment to equity ownership and competitive compensation in comparison to other mainstream commercial businesses.
3. Messaging. Applicants' commitment to responsible messaging practices.
4. Control of Business Location. Applicants' control of a site to ensure a successful and timely transition from being awarded a permit to opening the business.
5. Financial Investment. Applicants' plans and capital to support a vibrant business within the City.
6. Proximity to law enforcement. The proposed site's proximity to the police department, the fire department, and emergency medical technician services, including any station or substation. Closer proximity to law enforcement will be prioritized.
7. Other Criteria. Any other criteria established by resolution of the City Council.

D. The City Council may issue one retail cannabis permit to the highest ranked application. The City Council may choose to not offer a retail cannabis permit to the highest ranked application if it makes any of the following findings:

1. The highest ranked application does not provide substantial benefits to City residents;
2. The highest ranked application will be detrimental to other uses in the surrounding area;

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3. The highest ranked application is incompatible with the character of the location the cannabis retail business is proposed in; or

4. The highest ranked application may directly or indirectly create or exacerbate public nuisance conditions, as defined by state law or Chapter 95 of this code.

E. If two or more applications are equally ranked highest, the City Council may designate the highest ranked applicant by analyzing each such application based on the criteria set forth in Section 159.553(C)

F. The responsible party or parties selected shall have the opportunity to apply for a use permit as required by Section 159.556.

G. A retail cannabis permit shall expire twelve months after the date of issuance. In accordance with this subchapter, a responsible party may apply for a renewal of a retail cannabis permit prior to its expiration in accordance with Section 159.554.

H. Notwithstanding any other provision of this subchapter or this code, or any regulations adopted thereunder, the City Council shall not issue more than one (1) retail cannabis permit per 8,500 residents of the City and no more than two (2) retail cannabis permits in total.

159.554 Retail Cannabis Permit renewal.

A. An application for renewal of a retail cannabis permit shall be filed by a responsible party at least sixty (60) days before the expiration of the permit. The renewal application shall be filed on a form approved by the City Manager and shall include a renewal application fee established by resolution of the City Council.

B. The City Manager shall grant or deny renewal applications in writing and, if the renewal application is denied, shall specify the reasons for its denial.

C. The City Manager shall only grant a renewal permit if he or she makes the following findings, which the applicant has the burden to satisfy by substantial evidence:

1. The cannabis retail business has substantially complied with the business operations information as described in Section 159.553(A)(5);

2. The cannabis retail business provides substantial benefits to City residents. This includes, but is not limited to, a history of timely payment of the community benefit fee referenced in Section

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159.553(A)(5)(c) and required by the community benefit agreement;

3. The cannabis retail business has not been detrimental to other uses in the surrounding area; and
4. The cannabis retail business has not directly or indirectly created or exacerbated public nuisance conditions, as defined by state law or Chapter 95 of this Code.

D. An application for renewal of a retail cannabis permit **shall** be denied if any of the following exist:

1. The retail cannabis permit is revoked before renewal.
2. The cannabis retail business has not timely paid the community benefit fee described in Section 159.553(A)(5)(c).
3. The responsible party conducted unpermitted retail cannabis activity in the City at any time preceding the renewal application.
4. Any of the grounds for denying a permit application, as described in Section 159.553(B).
5. The cannabis retail business, or any responsible party or interested party, has violated any provision of this subchapter or this code, or any regulations adopted thereunder, or State law, or any conditions on the use permit authorizing the cannabis retail business.
6. The City Manager does not make the findings required by Section 159.554(C).

E. An application for renewal of a retail cannabis permit **may** be denied if any of the following exist:

1. The retail cannabis permit is suspended at the time the application is submitted or thereafter.
2. The application is filed late.
3. The cannabis retail business, or any responsible party or interested party, has received a notice of violation, abatement order, and/or administrative citation under Sections 10.80 et seq. and/or 159.999, for violating any provision of this subchapter or any provision of this code related to its operations, during the prior twelve months and the notice of violation, abatement order, and/or administrative citation has not been resolved in favor of

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the party to whom it was issued at the time the application is submitted.

4. The cannabis retail business has not been in regular and continuous operation in the three months immediately preceding the date the application is submitted.

F. Notwithstanding anything to the contrary in this section, the City Manager may accept a late application submitted fewer than sixty (60) days before, but no later than, expiration of the permit upon a showing of good cause by the applicant. Good cause shall be limited to circumstances beyond the reasonable control of the applicant, interested parties, and/or responsible parties.

G. If a timely and complete application for renewal of a retail cannabis permit is filed, or the City Manager accepts an application under Subdivision F. of this section, the permit's expiration shall be stayed until a decision on the renewal application is issued.

159.555 Retail Cannabis Permit Suspension or Revocation.

A. A retail cannabis permit may be suspended or revoked if one or more of the circumstances upon which a retail cannabis permit application or renewal application may be or must be denied, as described in Sections 159.553(B) and 159.554(D), or 159.554(E), exists.

B. The City Manager has discretion to choose the appropriate administrative action based on the severity and regularity of the violations. The City Manager shall provide notice of the revocation or suspension in writing. The notice shall describe the reason for suspension or revocation.

C. Pursuant to Business and Professions Code Section 26200(c), the City Manager shall promptly notify the Bureau of Cannabis Control within the Business, Consumer Services, and Housing Agency upon the City's revocation of any local license, permit, or authorization for a State licensee to engage in retail cannabis activity within the City.

159.556 Use Permit Required

A. **Purpose and application.** The purpose of this section is to protect the public health, safety, and welfare, enact strong and effective regulatory and enforcement controls in compliance with State law, protect neighborhood character, and minimize potential for negative impacts on people, communities, and the environment within the City by establishing land use requirements and development standards for

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cannabis retail businesses. Cannabis retail businesses include locations where adult use cannabis and/or adult use cannabis products are offered for sale and/or delivery and which are licensed pursuant to the provisions of State law and this subchapter. Therefore, this section recognizes that cannabis retail businesses require land use controls due to State legal constraints on retail cannabis activity, and the potential environmental and social impacts associated with cannabis retail businesses.

B. Requirements.

1. No person or entity shall operate or conduct a cannabis retail business without first obtaining a use permit from the City pursuant to this section and Sections 159.405 et seq. of this code. Any use permit authorizing a cannabis retail business pursuant to this subchapter shall be conditioned on the holder obtaining and maintaining a retail cannabis permit pursuant to this subchapter and an appropriate license issued by the State for its operation.

2. No person shall have any entitlement or vested right to operate a cannabis retail business solely by virtue of issuance of a use permit. Operation of a cannabis retail business also requires issuance of a retail cannabis permit under this subchapter, which is a revocable privilege and not a right in the City, and a license issued by the State. The applicant bears the burden of proving that all qualifications for both permits and the state license have been satisfied and continuously maintained prior to operating or conducting a cannabis retail business in the City.

3. A use permit application shall include all information required for a retail cannabis permit application pursuant to Section 159.553(A).

4. Notwithstanding any other provision of this subchapter or this code, or any regulations adopted thereunder, a cannabis retail business shall not operate in land use designations other than C-2-RC and C-3-RC, Retail Cannabis.

B. **Uses requiring a use permit.** Cannabis retail businesses shall be permitted in areas demarcated with C-2-RC and C-3-RC, Retail Cannabis, subject to a use permit under this section and a retail cannabis permit under this subchapter.

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C. **General conditions.** The following general conditions shall be required for all use permits issued for a cannabis retail business on land designated as C-2-RC and C-3-RC, Retail Cannabis:

1. Obtaining and maintaining a retail cannabis permit under this subchapter and an appropriate license issued by the State for its operations.
2. Operating in substantial compliance with the application materials submitted pursuant to Section 159.553.
3. Operating in compliance with Sections 159.559, 159.560, 159.561, 159.562, and 159.565, and any regulations adopted pursuant to Section 159.563.
4. No cannabis retail business may be located on a property that directly abuts a residential zoning district, except that a cannabis retail business may be located on a property directly abutting the rear yard of a private residence.
5. No cannabis retail business may be within 200 feet of a public park, any school providing instruction in kindergarten or grades 1 through 12, day care center or youth center that is in existence at the time the application is submitted, measured in a straight line from the closest property line of the public park, school, day care center or youth center to the closest point of the premises where the cannabis retail business is proposed.
6. Payment of applicable current and future State and local taxes, fees, and assessments, and all applicable community benefit fees and related penalties established by the City and/or required by the community benefit agreement.
7. An executed and effective community benefit agreement as described in Section 159.553(A)(5)(c).
8. Prohibition of the possession, storage, sale, distribution or consumption of alcoholic beverages on the premises, or the holding of license from the State Division of Alcoholic Beverage Control for the sale of alcoholic beverages, or operating a business that sells alcoholic beverages on the premises of or adjacent to the cannabis retail business.

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9. No cannabis, cannabis products, or cannabis accessories may be displayed in windows or visible from the public right-of-way or from places accessible to the general public.
10. No Cannabis, cannabis products, or cannabis accessories may be consumed on the premises.
11. Prohibition of minors and persons under the age of twenty-one (21) on the premises, even if accompanied by a parent or guardian.
12. Prohibition of outdoor storage of cannabis or cannabis products.
13. Any other development, design, and/or operational standards deemed necessary or appropriate for the cannabis retail business under consideration, provided that such conditions do not conflict with operational requirements applicable pursuant to other provisions of this code. A cannabis retail business may be limited to sale or sale and delivery.

D. **Criteria for a use permit.** In addition to the findings required by Section 159.408, the following findings shall be required before granting a use permit for a cannabis retail business on land designated as C-2-RC and C-3-RC, Retail Cannabis:

1. The proposed use provides quantifiable benefit to the community;
2. The proposed use will not be environmentally detrimental to existing or potential commercial and residential uses in the surrounding area;
3. The street network is suitable and adequate to carry projected traffic that is generated by the proposed use;
4. The design of the structure or structures is compatible with the character of the City; and
5. The existing or proposed utility, police and fire services are adequate to serve the proposed use.

159.557 Personal Cannabis Cultivation.

A. **Cultivation; regulations for residential zones.** When authorized by state law, an authorized grower will be allowed to cultivate cannabis indoors only on a parcel with a private residence in a residential zone, subject to the following regulations:

1. The private residence is the primary residence of the authorized grower.
2. The authorized grower does not exceed the maximum allowed cultivation of six (6) cannabis plants per private residence or accessory structure(s), regardless of whether they are mature cannabis plants or immature cannabis plants, and regardless of whether the cultivation is for a medical purpose or a non-medical purpose.
3. Cannabis cultivation may not occur in both an accessory structure and a private residence on the same parcel. Only one (1) cultivation area is allowed per private residence.
4. From a public right-of-way, there must be no exterior evidence of cannabis cultivation either within or outside the private residence or accessory structure.
5. The private residence must maintain kitchen, bathrooms, and primary bedrooms for their intended use and not be primarily or exclusively used for cannabis cultivation.
6. The cannabis cultivation area must not constitute a nuisance or adversely affect the health or safety of the occupants of the same property or other properties by creating dust, glare, heat, noise, noxious gasses, odor, smoke, traffic, vibration, or other impacts, and must not be maintained so as to constitute a hazard due to use or storage of materials, processes, products, or wastes.

B. **Outdoor marijuana cultivation.** It is hereby declared to be unlawful, a public nuisance, and a violation of this subsection for any person owning, leasing, occupying, or having charge or possession of any parcel, property, and/or private residence, within any zoning district in the city, to cause or allow such parcel, property, and/or private residence to be used for the outdoor cultivation of cannabis plants.

C. **Indoor cultivation of cannabis restricted to authorized growers.** It is hereby declared to be unlawful, a public nuisance, and a violation of this subsection for any person owning, leasing, occupying, or having charge or possession of any parcel, property, and/or private residence, within the city to cause or allow such parcel, property, and/or private residence to be used for the cultivation of cannabis, unless the person

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is authorized by state law to grow cannabis, and such person is complying with all requirements of this section.

D. **Cultivation Permit required.**

1. Prior to and while engaging in any indoor cultivation of cannabis pursuant to this section, an authorized grower must obtain and maintain in force a cultivation permit from the Planning Director or her or his designee, which cultivation permit will be granted upon the submission and verification of the information required in Section 159.557(D)(1)(a) and (b). The following information will be required with the initial cultivation permit application and any subsequent permit extensions:

    a. The physical site address where the cannabis will be cultivated; and

    b. The name and proof of age of each authorized grower who participates in the cannabis cultivation on any parcel, property, and/or private residence where cannabis will be cultivated.

2. Unless revoked pursuant to this section, the initial cultivation permit will be valid for one (1) year and may be extended thereafter in increments of one (1) year in accordance with Section 159.557(D)(1).

3. An application for a cultivation permit and any cultivation permit renewal as required by this section must be accompanied by a non-refundable application fee, as established by resolution of the City Council.

4. Any cultivation permit issued pursuant to this section will be subject to suspension or revocation, for any violation of this subchapter, this code, or other federal, state, or local law, by the Planning Director or her or his designee within ten (10) days after notice thereof.

159.558 Appeal.

A. The following decisions are not appealable:

1. Ranking of applications pursuant to Section 159.553(C); and
2. Disqualification of an application pursuant to Section 159.553(D).

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B. The following decisions may be appealed to the City Council no later than ten (10) calendar days after issuance:

1. Denial of a retail cannabis permit renewal application pursuant to Section 159.554(D) or (E);
2. Suspension or revocation of a retail cannabis permit pursuant to Section 159.555; and
3. Action on a use permit application pursuant to Sections 159.556 and 159.409;
4. Denial, suspension, or revocation of a cultivation permit pursuant to Section 156.557.

C. Appeals shall follow the procedures set forth in Chapter 162 (Land Use Appeals) of this code. For appeals of decisions of the City Manager, "Director" and "City Manager" shall have the same meaning for purposes of Chapter 162 (Land Use Appeals).

D. If the appeal includes a notice of violation, abatement order, and/or an administrative citation issued under Sections 10.80 et seq. and/or 159.999 of this code, the City Council may choose to consolidate appeals in a single hearing pursuant to this section or may choose to bifurcate the appeals under the application sections.

E. If no timely appeal is submitted, the decision becomes final, non-appealable, and not subject to judicial review due to a failure to exhaust administrative remedies.

159.559 Operating requirements.

The following operating requirements shall apply to any cannabis retail business operating in the City:

A. No cannabis or cannabis products shall be visible from the exterior of the building. No outdoor storage of cannabis or cannabis products is permitted.

B. The cannabis retail business shall utilize a point-of-sale tracking system to track and report on all aspects of business, including, but not limited to, cannabis tracking, inventory data, and gross sales (by weight and by sale) and shall ensure that such information is compatible with the City's record-keeping systems. The system must be able to produce historical transactional data for review by the City.

C. The cannabis retail business shall not allow persons under the age of 21 years on the premises or sell cannabis or cannabis products to such persons.

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D. The cannabis retail business shall not employ persons under 21 years of age.

E. The cannabis retail business shall use odor control systems to ensure that cannabis odors are not detectable off-premises. Odor control systems shall include, but are not limited to, ventilation and exhaust systems.

F. The cannabis retail business shall post the original copy of their retail cannabis permit in a location readily-visible to the public.

G. The cannabis retail business shall maintain a comprehensive general liability combined single occurrence insurance policy issued by an "A" rated insurance carrier in an amount not less than five million dollars ($5,000,000) with primary coverage, naming the City and its officers, employees, agents, and volunteers as additional insured.

H. The cannabis retail business shall ensure all delivery, loading and unloading areas are within a secured area.

I. The cannabis retail business shall pay all employees in lawful money of the United States as hourly or salaried employees of the business and all federal, state, and local laws pertaining to employees shall be followed including, but not limited to, workers' compensation laws.

J. The cannabis retail business shall update the City at least once per month if there are any changes to the information submitted as part of the application pursuant to Section 159.553.

K. The cannabis retail business shall substantially comply with the business plan, community relations plan, community benefit plan and neighborhood responsibilities plan submitted to the City with the application pursuant to Section 159.553. The cannabis retail business may submit a request, in writing, to the City Manager to amend such plans.

L. The cannabis retail business shall comply with all conditions placed on the use permit issued for the property.

M. The City Manager may adopt regulations imposing additional requirements on cannabis retail businesses, including the maximum amount of cannabis and cannabis products allowed on the site, the number and type of equipment allowed, and security measures.

159.560 Appearance.

A. Signage shall be limited to the name of the business and its address only. This includes any signage or advertising on vehicles associated with the business, including those used for delivery.

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B. Business signage shall not include symbols, graphics, or imagery that resemble medical, pharmaceutical, or recreational cannabis icons unless expressly approved as part of a City-reviewed and approved design package.

C. The exterior of the cannabis retail business shall be designed to maintain a high-quality, professional appearance consistent with Auburn's streetscape character, be visually unobtrusive, and maintain public safety. Considerations for design shall include:

1. Building exteriors should reflect the scale, materials, and color palette typical of a historic goldrush-era town. Muted, natural colors are preferred, and bright or neon colors shall not be used.

2. Exterior improvements, including awnings, lighting, and decorative elements, should be designed to complement the architecture and streetscape of the district in which the building is located.

3. Signs should be modest in size, style, and illumination, consistent with character of Auburn.

4. Flashing, animated, or internally illuminated signs are prohibited.

5. Modifications or enhancements to windows and doors should respect historic patterns, proportions, and materials, yet not be out of place with the existing streetscape.

6. Security measures should be designed to blend with the building's aesthetic rather than appear utilitarian.

7. Landscaping, planters, or decorative screening may be used to soften the visual impact of the building and enhance pedestrian experience.

8. Safety devices, such as bollards or barriers, should be incorporated to protect pedestrians and enhance building safety, but should be designed or finished to appear as architectural or decorative elements, such as planters, fencing, or artwork.

159.561 Security measures.

A. A cannabis retail business shall maintain and implement a security plan for the cannabis retail business which:

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1. Deters and prevents unauthorized entrance into areas containing cannabis or cannabis products and theft of cannabis or cannabis products.
2. Protects customers and the public from potential harms associated with the cannabis retail business.

B. The security plan shall be submitted to and maintained on file with the City Manager and the Chief of Police and shall be reviewed at least once annually.

C. A cannabis retail business shall notify the City Manager and the Chief of Police within 24 hours of discovering any of the following:
1. Significant discrepancies in quantity, type, composition, or other characteristics of cannabis or cannabis products identified during inventory.
2. Diversion, theft, loss, or any other criminal activity involving the cannabis retail business or any agent or employee of the cannabis retail business.
3. The loss or unauthorized alteration of records related to cannabis or cannabis products, or employees or agents, of the cannabis retail business.
4. Any breach of security.

D. The City Manager, Chief of Police, and any other City employee charged with enforcing provisions of this code, may enter the location of a cannabis retail business at any time during regular hours of operation without notice and inspect the location as well as recordings and records maintained pursuant to this subchapter or State law. No person shall refuse to allow, impede, obstruct, or interfere with an inspection or the review of records, including, but not limited to, the concealment, destruction, or falsification of any recordings or records.

159.562 Records and reporting.

A. Cannabis retail businesses shall maintain the following records in physical format for at least three years on the business site, and shall produce them to the City within 48 hours of receipt of a request from the City:
1. The name, address, and telephone numbers of the owner and landlord of the property.

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2. The name, date of birth, address, and telephone number of each manager and staff of the cannabis retail business; the date each was hired; and the nature of each manager's and staff's participation in the cannabis retail business.
3. A written accounting of all income and expenditures of the cannabis retail business, including, but not limited to, cash and in-kind transactions.
4. A copy of the cannabis retail business's commercial general liability insurance policy and all other insurance policies related to the business.
5. A copy of the cannabis retail business's most recent year's financial statement and tax return.
6. An inventory record documenting the dates and amounts of cannabis and cannabis products received at the business site, the daily amounts of cannabis and cannabis products stored on the site, and the daily amounts of cannabis and cannabis products sold from the site.

B. The cannabis retail business shall report any loss, damage, or destruction of these records to the City Manager within twenty-four hours of the loss, damage, or destruction.

159.563 Regulations and fees.

A. The City Council, the City Manager, and/or the Chief of Police may establish all regulations necessary or convenient to implement the requirements and fulfill the policies of this subchapter and to expand upon the same.

1. Regulations shall be published on the City's website.

2. Following written notice to all cannabis retail businesses and an opportunity to comment, which shall be considered and responded to prior to the effective date, regulations shall have the same force and effect of law and become effective upon the date of approval.

B. The City Council may, by resolution, adopt such fees to implement this subchapter with respect to the application and qualification for, and the selection, future selection, investigation, process, issuance, renewal, and revocation and suspension of, retail cannabis permits.

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159.564 Limitations on City liability.

The City shall not be liable for issuing, or failing to issue, suspending, revoking or failing to renew, a retail cannabis permit pursuant to this subchapter or otherwise approving or disapproving the operation of any cannabis retail business pursuant to this subchapter.

159.565 Assignment prohibited.

A. No person shall operate a cannabis retail business under a retail cannabis permit issued pursuant to this subchapter at any place or location other than that identified on the permit.

B. No person shall transfer ownership or control of a retail cannabis permit issued pursuant to this subchapter, and/or a cannabis retail business licensed under this subchapter, unless and until that person first obtains the consent of the City Manager and the proposed transferee submits all required application materials, pays all applicable fees and charges, and independently meets the requirements of this subchapter such that the transferee would be entitled to the issuance of an original retail cannabis permit.

C. Any attempt to transfer or any transfer of a retail cannabis permit in violation of this section is hereby declared void and the retail cannabis permit deemed immediately forfeited and no longer of any force or effect.

159.566 Violations.

A. A violation of any provision of this subchapter shall be subject to administrative enforcement under Section 10.80 et seq. of this code in addition to any other legal and/or equitable remedies available under law and this code.

B. A violation of any provision of this subchapter shall constitute a public nuisance which may be abated and/or enjoined pursuant to law and this code.

C. Each responsible party as to a cannabis retail business shall be jointly and severally liable for all violations of State laws or of regulations and ordinances of the City, whether committed by the permittee or an employee or agent of the permittee.

D. Notwithstanding any other provision of this code, no conduct which is protected from criminal liability pursuant to State or Federal law shall be made criminal by this code.

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Section Five. Zoning Map Amendment. The Zoning Map of the City of Auburn is hereby amended such that the parcels listed on Exhibit "A" hereto are rezoned to the corresponding designation shown thereon. This zone change establishes the "Central Commercial District – Retail Cannabis (C-2-RC)" and "Regional Commercial – Retail Cannabis (C-3-RC)" designations within areas currently zoned C-2 (Central Business District) and C-3 (Regional Commercial), respectively, to allow for the operation of cannabis retail businesses as regulated under §§ 159.550 et seq of the Auburn Municipal Code.

Section Six. CEQA. [TO BE ADDED]

Section Seven. Severability. If any section, subsection, subdivision, paragraph, sentence, clause or phrase of this Ordinance is for any reason held to be invalid or unenforceable, such invalidity or unenforceability shall not affect the validity or enforceability of the remaining sections, subsections, subdivisions, paragraphs, sentences, clauses or phrases of this Ordinance or the rules adopted hereby. The City Council of the City of Auburn hereby declares that it would have adopted each section, subsection, subdivision, paragraph, sentence, clause or phrase hereof, irrespective of the fact that any one or more other remaining sections, subsections, subdivisions, paragraphs, sentences, clauses or phrases hereof be declared invalid or unenforceable.

Section Eight. Inconsistent Provisions. Any provision of the Auburn Municipal Code or appendices thereto inconsistent with the provisions of this Ordinance, to the extent of such inconsistencies, and no further, is hereby repealed or modified to the extent necessary to implement the provisions of this Ordinance.

Section Nine. Publication and Effective Date. This ordinance shall take effect 30 days after final adoption. The City Clerk shall certify to the passage and adoption of this Ordinance and shall give notice of its adoption as required by law. Pursuant to Government Code section 36933, a summary of this Ordinance may be published and posted in lieu of publication and posting of the entire text.

INTRODUCED by the City Council on the _____ day of _____ 2026; and

PASSED AND ADOPTED at a regular meeting of the City Council on the _____ day of _____, 2026, by the following vote:

Ayes:

DRAFT

Noes:

Absent:

Abstain:

DATED: _____, 2026

_____

Kelley Davis, Mayor

ATTEST:

_____

Amy Lind, City Clerk

DRAFT

Appendix D

CalEEMod Modeling Output

2025 Auburn GPU - City Baseline Detailed Report

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1.1. Basic Project Information

Data Field	Value
Project Name	2025 Auburn GPU - City Baseline
Operational Year	2045
Lead Agency	—
Land Use Scale	Plan/community
Analysis Level for Defaults	County
Windspeed (m/s)	2.30000
Precipitation (days)	32.4000
Location	Auburn, CA, USA
County	Placer-Sacramento
City	Auburn
Air District	Placer County APCD
Air Basin	Sacramento Valley
TAZ	435
EDFZ	4
Electric Utility	Pacific Gas & Electric Company
Gas Utility	Pacific Gas & Electric
App Version	2022.1.1.37

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
User Defined Commercial	1.000000	User Defined Unit	0.00000	0.00000	0.00000	—	3.00000	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

No measures selected

2. Emissions Summary

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.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	309.619	285.612	196.871	3,209.40	8.57716	3.26269	897.586	900.849	3.06274	227.791	230.854	0.00000	871,669	871,669	21.5179	29.4251	216.523	881,192
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	285.427	261.541	234.667	2,536.28	7.77363	3.26430	897.586	900.851	3.06428	227.791	230.855	0.00000	790,393	790,393	23.2969	32.2359	5.61526	800,587
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	287.023	263.202	218.017	2,593.73	7.94135	3.26337	878.940	882.203	3.06339	223.130	226.193	0.00000	807,357	807,357	22.3257	30.9000	93.4937	817,217
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	52.3817	48.0344	39.7880	473.356	1.44930	0.59556	160.407	161.002	0.55907	40.7211	41.2802	0.00000	133,667	133,667	3.69627	5.11584	15.4789	135,300

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	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	309.619	285.612	196.871	3,209.40	8.57716	3.26269	897.586	900.849	3.06274	227.791	230.854	—	871,669	871,669	21.5179	29.4251	216.523	881,192

Area	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Waste	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	309.619	285.612	196.871	3,209.40	8.57716	3.26269	897.586	900.849	3.06274	227.791	230.854	0.00000	871,669	871,669	21.5179	29.4251	216.523	881,192
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	285.427	261.541	234.667	2,536.28	7.77363	3.26430	897.586	900.851	3.06428	227.791	230.855	—	790,393	790,393	23.2969	32.2359	5.61526	800,587
Area	0.00000	0.00000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Waste	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	285.427	261.541	234.667	2,536.28	7.77363	3.26430	897.586	900.851	3.06428	227.791	230.855	0.00000	790,393	790,393	23.2969	32.2359	5.61526	800,587
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	287.023	263.202	218.017	2,593.73	7.94135	3.26337	878.940	882.203	3.06339	223.130	226.193	—	807,357	807,357	22.3257	30.9000	93.4937	817,217
Area	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Waste	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	287.023	263.202	218.017	2,593.73	7.94135	3.26337	878.940	882.203	3.06339	223.130	226.193	0.00000	807,357	807,357	22.3257	30.9000	93.4937	817,217
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	52.3817	48.0344	39.7880	473.356	1.44930	0.59556	160.407	161.002	0.55907	40.7211	41.2802	—	133,667	133,667	3.69627	5.11584	15.4789	135,300
Area	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Waste	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	52.3817	48.0344	39.7880	473.356	1.44930	0.59556	160.407	161.002	0.55907	40.7211	41.2802	0.00000	133,667	133,667	3.69627	5.11584	15.4789	135,300

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

Mobile source emissions results are presented in Sections 2.6. No further detailed breakdown of emissions is available.

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	TOG	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	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.2.3. 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	TOG	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	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.3. 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	TOG	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	0.00000	0.00000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.00000	0.00000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	0.00000	0.00000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.00000	0.00000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	0.00000	0.00000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	0.00000	0.00000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Architect Coatings	0.00000	0.00000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000

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	TOG	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	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

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

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
User Defined Commercial	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
User Defined Commercial	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
User Defined Commercial	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000

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	TOG	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)

Equipment Type	TOG	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	TOG	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	TOG	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	TOG	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	TOG	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	TOG	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

5.9. 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
Total all Land Uses	109,219	109,219	109,219	39,864,935	1,268,383	1,268,383	1,268,383	462,959,795

5.10. Operational Area Sources

5.10.1. Hearths

Land Use	Hearth Type	Unmitigated (number)	Mitigated (number)
User Defined Commercial	Wood Fireplaces	0	0
User Defined Commercial	Gas Fireplaces	0	0
User Defined Commercial	Propane Fireplaces	0	0
User Defined Commercial	Electric Fireplaces	0	0
User Defined Commercial	No Fireplaces	0	0
User Defined Commercial	Conventional Wood Stoves	0	0
User Defined Commercial	Catalytic Wood Stoves	0	0
User Defined Commercial	Non-Catalytic Wood Stoves	0	0
User Defined Commercial	Pellet Wood Stoves	0	0

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)
0.00000	0.00000	0.00000	0.00000	—

5.10.3. Landscape Equipment

Season	Unit	Value
Snow Days	day/yr	0.00000
Summer Days	day/yr	180.000

5.11. Operational Energy Consumption

5.11.1. Unmitigated

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
User Defined Commercial	0.00000	0.00000

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

5.16.2. Process Boilers

5.17. User Defined

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. Biomass Cover Type

5.18.1.1. Unmitigated

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)

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	29.0800	annual days of extreme heat
Extreme Precipitation	13.2000	annual days with precipitation above 20 mm

Sea Level Rise	—	meters of inundation depth
Wildfire	1.99000	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	5	0	0	N/A
Extreme Precipitation	4	0	0	N/A
Sea Level Rise	N/A	N/A	N/A	N/A
Wildfire	1	0	0	N/A
Flooding	0	0	0	N/A
Drought	0	0	0	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	0	0	0	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	5	1	1	4

Extreme Precipitation	4	1	1	4
Sea Level Rise	N/A	N/A	N/A	N/A
Wildfire	1	1	1	2
Flooding	1	1	1	2
Drought	1	1	1	2
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	1	1	1	2

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	75.1213
AQ-PM	6.60859
AQ-DPM	74.7853
Drinking Water	0.14987
Lead Risk Housing	83.4531
Pesticides	43.7241
Toxic Releases	5.82646
Traffic	58.5625
Effect Indicators	—

CleanUp Sites	0.00000
Groundwater	86.0867
Haz Waste Facilities/Generators	50.1390
Impaired Water Bodies	12.4528
Solid Waste	42.3139
Sensitive Population	—
Asthma	55.3963
Cardio-vascular	49.2522
Low Birth Weights	3.77213
Socioeconomic Factor Indicators	—
Education	26.9425
Housing	72.5982
Linguistic	2.81500
Poverty	68.8317
Unemployment	70.9006

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	32.87565764
Employed	11.27935327
Median HI	8.37931477
Education	—
Bachelor's or higher	49.69844732
High school enrollment	100
Preschool enrollment	64.42961632
Transportation	—

Auto Access	23.58526883
Active commuting	86.64185808
Social	—
2-parent households	1.475683306
Voting	84.61439754
Neighborhood	—
Alcohol availability	27.56319774
Park access	42.21737457
Retail density	64.93006544
Supermarket access	28.71808033
Tree canopy	98.25484409
Housing	—
Homeownership	22.34056204
Housing habitability	29.11587322
Low-inc homeowner severe housing cost burden	10.93288849
Low-inc renter severe housing cost burden	15.15462595
Uncrowded housing	93.44283331
Health Outcomes	—
Insured adults	50.62235339
Arthritis	0.0
Asthma ER Admissions	51.2
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	2.6

Cognitively Disabled	20.1
Physically Disabled	30.9
Heart Attack ER Admissions	60.3
Mental Health Not Good	0.0
Chronic Kidney Disease	0.0
Obesity	0.0
Pedestrian Injuries	78.5
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	0.0
Children	40.5
Elderly	22.8
English Speaking	90.2
Foreign-born	2.3
Outdoor Workers	94.2
Climate Change Adaptive Capacity	—
Impervious Surface Cover	77.9
Traffic Density	55.9
Traffic Access	23.0
Other Indices	—
Hardship	64.6
Other Decision Support	—

2016 Voting	74.3

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	43.0000
Healthy Places Index Score for Project Location (b)	36.0000
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	Yes
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

8.1. Justifications

Screen	Justification
Operations: Hearths	Baseline VMT emissions ONLY.
Operations: Energy Use	Baseline VMT emissions ONLY.
Operations: Water and Waste Water	Baseline VMT emissions ONLY.

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1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	2025 Auburn GPU - Unincorporated Baseline
Operational Year	2045
Lead Agency	—
Land Use Scale	Plan/community
Analysis Level for Defaults	County
Windspeed (m/s)	2.30000
Precipitation (days)	32.4000
Location	Auburn, CA, USA
County	Placer-Sacramento
City	Auburn
Air District	Placer County APCD
Air Basin	Sacramento Valley
TAZ	435
EDFZ	4
Electric Utility	Pacific Gas & Electric Company
Gas Utility	Pacific Gas & Electric
App Version	2022.1.1.37

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
User Defined Commercial	1.000000	User Defined Unit	0.00000	0.00000	0.00000	—	3.00000	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

No measures selected

2. Emissions Summary

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.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	674.437	619.748	441.883	7,316.77	19.7135	7.47208	2,066.07	2,073.54	7.01474	524.332	531.346	0.00000	2,003,404	2,003,404	48.1980	66.6380	498.395	2,024,965
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	622.184	567.994	527.221	5,735.18	17.8632	7.47549	2,066.07	2,073.55	7.01800	524.332	531.350	0.00000	1,816,247	1,816,247	51.7865	72.9887	12.9253	1,839,305
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	625.956	571.804	489.935	5,886.00	18.2497	7.47351	2,023.15	2,030.63	7.01611	513.602	520.618	0.00000	1,855,337	1,855,337	49.8031	69.9973	215.205	1,877,657
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	114.237	104.354	89.4131	1,074.20	3.33056	1.36392	369.225	370.589	1.28044	93.7323	95.0127	0.00000	307,172	307,172	8.24548	11.5889	35.6296	310,868

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

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	674.437	619.748	441.883	7,316.77	19.7135	7.47208	2,066.07	2,073.54	7.01474	524.332	531.346	—	2,003,404	2,003,404	48.1980	66.6380	498.395	2,024,965
Area	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Waste	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	674.437	619.748	441.883	7,316.77	19.7135	7.47208	2,066.07	2,073.54	7.01474	524.332	531.346	0.00000	2,003,404	2,003,404	48.1980	66.6380	498.395	2,024,965
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	622.184	567.994	527.221	5,735.18	17.8632	7.47549	2,066.07	2,073.55	7.01800	524.332	531.350	—	1,816,247	1,816,247	51.7865	72.9887	12.9253	1,839,305
Area	0.00000	0.00000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Waste	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	622.184	567.994	527.221	5,735.18	17.8632	7.47549	2,066.07	2,073.55	7.01800	524.332	531.350	0.00000	1,816,247	1,816,247	51.7865	72.9887	12.9253	1,839,305
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	625.956	571.804	489.935	5,886.00	18.2497	7.47351	2,023.15	2,030.63	7.01611	513.602	520.618	—	1,855,337	1,855,337	49.8031	69.9973	215.205	1,877,657
Area	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Waste	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	625.956	571.804	489.935	5,886.00	18.2497	7.47351	2,023.15	2,030.63	7.01611	513.602	520.618	0.00000	1,855,337	1,855,337	49.8031	69.9973	215.205	1,877,657
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	114.237	104.354	89.4131	1,074.20	3.33056	1.36392	369.225	370.589	1.28044	93.7323	95.0127	—	307,172	307,172	8.24548	11.5889	35.6296	310,868
Area	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Waste	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	114.237	104.354	89.4131	1,074.20	3.33056	1.36392	369.225	370.589	1.28044	93.7323	95.0127	0.00000	307,172	307,172	8.24548	11.5889	35.6296	310,868

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

Mobile source emissions results are presented in Sections 2.6. No further detailed breakdown of emissions is available.

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	TOG	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	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.2.3. 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	TOG	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	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.3. 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	TOG	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	0.00000	0.00000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.00000	0.00000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	0.00000	0.00000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Architect Coatings	0.00000	0.00000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	0.00000	0.00000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	0.00000	0.00000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.00000	0.00000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000

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	TOG	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	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.5. 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	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
User Defined Commercial	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
User Defined Commercial	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
User Defined Commercial	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000

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	TOG	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)

Equipment Type	TOG	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	TOG	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	TOG	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	TOG	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	TOG	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	TOG	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

5.9. 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
Total all Land Uses	231,611	231,611	231,611	84,538,015	2,919,576	2,919,576	2,919,576	1,065,645,240

5.10. Operational Area Sources

5.10.1. Hearths

Land Use	Hearth Type	Unmitigated (number)	Mitigated (number)
User Defined Commercial	Wood Fireplaces	0	0
User Defined Commercial	Gas Fireplaces	0	0
User Defined Commercial	Propane Fireplaces	0	0
User Defined Commercial	Electric Fireplaces	0	0
User Defined Commercial	No Fireplaces	0	0
User Defined Commercial	Conventional Wood Stoves	0	0
User Defined Commercial	Catalytic Wood Stoves	0	0
User Defined Commercial	Non-Catalytic Wood Stoves	0	0
User Defined Commercial	Pellet Wood Stoves	0	0

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)
0.00000	0.00000	0.00000	0.00000	—

5.10.3. Landscape Equipment

Season	Unit	Value
Snow Days	day/yr	0.00000
Summer Days	day/yr	180.000

5.11. Operational Energy Consumption

5.11.1. Unmitigated

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
User Defined Commercial	0.00000	0.00000

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

5.16.2. Process Boilers

5.17. User Defined

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. Biomass Cover Type

5.18.1.1. Unmitigated

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)

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	29.0800	annual days of extreme heat
Extreme Precipitation	13.2000	annual days with precipitation above 20 mm
Sea Level Rise	—	meters of inundation depth
Wildfire	1.99000	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	5	0	0	N/A
Extreme Precipitation	4	0	0	N/A
Sea Level Rise	N/A	N/A	N/A	N/A
Wildfire	1	0	0	N/A
Flooding	0	0	0	N/A
Drought	0	0	0	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	0	0	0	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	5	1	1	4
Extreme Precipitation	4	1	1	4
Sea Level Rise	N/A	N/A	N/A	N/A
Wildfire	1	1	1	2
Flooding	1	1	1	2
Drought	1	1	1	2
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	1	1	1	2

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	75.1213
AQ-PM	6.60859
AQ-DPM	74.7853
Drinking Water	0.14987

Lead Risk Housing	83.4531
Pesticides	43.7241
Toxic Releases	5.82646
Traffic	58.5625
Effect Indicators	—
CleanUp Sites	0.00000
Groundwater	86.0867
Haz Waste Facilities/Generators	50.1390
Impaired Water Bodies	12.4528
Solid Waste	42.3139
Sensitive Population	—
Asthma	55.3963
Cardio-vascular	49.2522
Low Birth Weights	3.77213
Socioeconomic Factor Indicators	—
Education	26.9425
Housing	72.5982
Linguistic	2.81500
Poverty	68.8317
Unemployment	70.9006

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	32.87565764
Employed	11.27935327
Median HI	8.37931477

Education	—
Bachelor's or higher	49.69844732
High school enrollment	100
Preschool enrollment	64.42961632
Transportation	—
Auto Access	23.58526883
Active commuting	86.64185808
Social	—
2-parent households	1.475683306
Voting	84.61439754
Neighborhood	—
Alcohol availability	27.56319774
Park access	42.21737457
Retail density	64.93006544
Supermarket access	28.71808033
Tree canopy	98.25484409
Housing	—
Homeownership	22.34056204
Housing habitability	29.11587322
Low-inc homeowner severe housing cost burden	10.93288849
Low-inc renter severe housing cost burden	15.15462595
Uncrowded housing	93.44283331
Health Outcomes	—
Insured adults	50.62235339
Arthritis	0.0
Asthma ER Admissions	51.2
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	2.6
Cognitively Disabled	20.1
Physically Disabled	30.9
Heart Attack ER Admissions	60.3
Mental Health Not Good	0.0
Chronic Kidney Disease	0.0
Obesity	0.0
Pedestrian Injuries	78.5
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	0.0
Children	40.5
Elderly	22.8
English Speaking	90.2
Foreign-born	2.3
Outdoor Workers	94.2
Climate Change Adaptive Capacity	—
Impervious Surface Cover	77.9

Traffic Density	55.9
Traffic Access	23.0
Other Indices	—
Hardship	64.6
Other Decision Support	—
2016 Voting	74.3

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	43.0000
Healthy Places Index Score for Project Location (b)	36.0000
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	Yes
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

8.1. Justifications

Screen	Justification

Operations: Hearths	Baseline VMT emissions ONLY.
Operations: Energy Use	Baseline VMT emissions ONLY.
Operations: Water and Waste Water	Baseline VMT emissions ONLY.

2045 Auburn GPU - City Buildout Detailed Report

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1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	2045 Auburn GPU - City Buildout
Operational Year	2045
Lead Agency	—
Land Use Scale	Plan/community
Analysis Level for Defaults	County
Windspeed (m/s)	2.30000
Precipitation (days)	32.4000
Location	Auburn, CA, USA
County	Placer-Sacramento
City	Auburn
Air District	Placer County APCD
Air Basin	Sacramento Valley
TAZ	435
EDFZ	4
Electric Utility	Pacific Gas & Electric Company
Gas Utility	Pacific Gas & Electric
App Version	2022.1.1.43

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
Single Family Housing	287.000	Dwelling Unit	93.1818	559,650	3,361,590	—	749.000	—

Apartments Mid Rise	223.000	Dwelling Unit	5.86842	214,080	0.00000	—	582.000	—
Apartments High Rise	787.000	Dwelling Unit	12.6935	755,520	0.00000	—	2,054.00	—
General Office Building	420.238	1000sqft	9.64734	420,238	0.00000	—	—	—
General Heavy Industry	163.350	1000sqft	3.75000	163,350	0.00000	—	—	—
Hotel	80.0000	Room	2.66667	116,160	0.00000	—	—	—
Government (Civic Center)	11.5000	1000sqft	0.26400	11,500.0	0.00000	—	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Transportation	T-30*	Use Cleaner-Fuel Vehicles
Transportation	T-34*	Provide Bike Parking
Transportation	T-35*	Provide Tra c Calming Measures
Transportation	T-37*	Dedicate Land for Bike Trails
Transportation	T-43*	Provide Real-Time Transit Information
Transportation	T-50*	Required Project Contributions to Transportation Infrastructure Improvement
Energy	E-1	Buildings Exceed 2019 Title 24 Building Envelope Energy Efficiency Standards
Energy	E-12-A	Install Alternative Type of Water Heater in Place of Gas Storage Tank Heater in Residences
Energy	E-12-B	Install Electric Space Heater in Place of Natural Gas Heaters in Residences

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

2. Emissions Summary

2.3. 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.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	422.760	394.073	237.264	3,752.50	9.77734	4.70550	1,014.47	1,019.18	4.45759	257.455	261.913	1,176.47	1,011,171	1,012,348	145.951	34.4359	480.455	1,026,739
Mit.	422.464	393.925	234.669	3,750.97	9.76118	4.50077	1,014.47	1,018.97	4.25286	257.455	261.708	1,176.47	1,007,109	1,008,286	145.529	34.4133	480.455	1,022,660
% Reduced	< 0.5%	< 0.5%	1%	< 0.5%	< 0.5%	4%	—	< 0.5%	5%	—	< 0.5%	—	< 0.5%	< 0.5%	< 0.5%	< 0.5%	—	< 0.5%
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	382.542	354.735	279.340	2,892.62	8.86426	4.61953	1,014.47	1,019.09	4.39294	257.455	261.848	1,176.47	919,000	920,177	148.039	37.6315	242.082	935,334
Mit.	382.246	354.587	276.746	2,891.09	8.84810	4.41480	1,014.47	1,018.89	4.18821	257.455	261.643	1,176.47	914,938	916,115	147.617	37.6089	242.082	931,255
% Reduced	< 0.5%	< 0.5%	1%	< 0.5%	< 0.5%	4%	—	< 0.5%	5%	—	< 0.5%	—	< 0.5%	< 0.5%	< 0.5%	< 0.5%	—	< 0.5%
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	390.374	362.275	260.798	3,005.94	9.05624	4.66176	993.399	998.061	4.42467	252.186	256.611	1,176.47	938,326	939,502	146.903	36.1079	341.404	954,276
Mit.	390.078	362.126	258.203	3,004.40	9.04008	4.45703	993.399	997.856	4.21994	252.186	256.406	1,176.47	934,264	935,440	146.481	36.0852	341.404	950,197
% Reduced	< 0.5%	< 0.5%	1%	< 0.5%	< 0.5%	4%	—	< 0.5%	5%	—	< 0.5%	—	< 0.5%	< 0.5%	< 0.5%	< 0.5%	—	< 0.5%
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	71.2432	66.1151	47.5957	548.584	1.65276	0.85077	181.295	182.146	0.80750	46.0240	46.8315	194.777	155,351	155,545	24.3214	5.97808	56.5233	157,991
Mit.	71.1891	66.0881	47.1221	548.303	1.64981	0.81341	181.295	182.109	0.77014	46.0240	46.7942	194.777	154,678	154,873	24.2516	5.97432	56.5233	157,316
% Reduced	< 0.5%	< 0.5%	1%	< 0.5%	< 0.5%	4%	—	< 0.5%	5%	—	< 0.5%	—	< 0.5%	< 0.5%	< 0.5%	< 0.5%	—	< 0.5%

2.4. 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	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	356.812	329.576	224.535	3,640.04	9.69941	3.69440	1,014.47	1,018.17	3.46789	257.455	260.923	—	985,723	985,723	24.5594	33.4533	244.720	996,551
Area	64.6121	63.8297	0.93959	104.889	0.00504	0.08784	—	0.08784	0.06644	—	0.06644	0.00000	323.943	323.943	0.01356	0.00272	—	325.093
Energy	1.33629	0.66815	11.7891	7.57137	0.07289	0.92326	—	0.92326	0.92326	—	0.92326	—	24,802.9	24,802.9	2.95042	0.22943	—	24,945.1
Water	—	—	—	—	—	—	—	—	—	—	—	305.461	321.598	627.059	31.3736	0.75050	—	1,635.05
Waste	—	—	—	—	—	—	—	—	—	—	—	871.005	0.00000	871.005	87.0539	0.00000	—	3,047.35
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	235.735	235.735
Total	422.760	394.073	237.264	3,752.50	9.77734	4.70550	1,014.47	1,019.18	4.45759	257.455	261.913	1,176.47	1,011,171	1,012,348	145.951	34.4359	480.455	1,026,739
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	328.852	301.713	267.551	2,885.05	8.79137	3.69627	1,014.47	1,018.17	3.46968	257.455	260.925	—	893,876	893,876	26.6610	36.6516	6.34650	905,471
Area	52.3539	52.3539	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Energy	1.33629	0.66815	11.7891	7.57137	0.07289	0.92326	—	0.92326	0.92326	—	0.92326	—	24,802.9	24,802.9	2.95042	0.22943	—	24,945.1
Water	—	—	—	—	—	—	—	—	—	—	—	305.461	321.598	627.059	31.3736	0.75050	—	1,635.05
Waste	—	—	—	—	—	—	—	—	—	—	—	871.005	0.00000	871.005	87.0539	0.00000	—	3,047.35
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	235.735	235.735
Total	382.542	354.735	279.340	2,892.62	8.86426	4.61953	1,014.47	1,019.09	4.39294	257.455	261.848	1,176.47	919,000	920,177	148.039	37.6315	242.082	935,334
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	330.638	303.593	248.546	2,946.64	8.98087	3.69519	993.399	997.094	3.46865	252.186	255.655	—	913,041	913,041	25.5181	35.1266	105.669	924,253
Area	58.3991	58.0132	0.46336	51.7261	0.00248	0.04332	—	0.04332	0.03277	—	0.03277	0.00000	159.753	159.753	0.00669	0.00134	—	160.320
Energy	1.33629	0.66815	11.7891	7.57137	0.07289	0.92326	—	0.92326	0.92326	—	0.92326	—	24,802.9	24,802.9	2.95042	0.22943	—	24,945.1
Water	—	—	—	—	—	—	—	—	—	—	—	305.461	321.598	627.059	31.3736	0.75050	—	1,635.05

Waste	—	—	—	—	—	—	—	—	—	—	—	871.005	0.00000	871.005	87.0539	0.00000	—	3,047.35
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	235.735	235.735
Total	390.374	362.275	260.798	3,005.94	9.05624	4.66176	993.399	998.061	4.42467	252.186	256.611	1,176.47	938,326	939,502	146.903	36.1079	341.404	954,276
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	60.3415	55.4058	45.3596	537.762	1.63901	0.67437	181.295	181.970	0.63303	46.0240	46.6570	—	151,164	151,164	4.22481	5.81562	17.4947	153,021
Area	10.6578	10.5874	0.08456	9.44001	0.00045	0.00791	—	0.00791	0.00598	—	0.00598	0.00000	26.4489	26.4489	0.00111	0.00022	—	26.5428
Energy	0.24387	0.12194	2.15151	1.38178	0.01330	0.16849	—	0.16849	0.16849	—	0.16849	—	4,106.41	4,106.41	0.48848	0.03798	—	4,129.94
Water	—	—	—	—	—	—	—	—	—	—	—	50.5726	53.2442	103.817	5.19425	0.12425	—	270.701
Waste	—	—	—	—	—	—	—	—	—	—	—	144.205	0.00000	144.205	14.4128	0.00000	—	504.524
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	39.0286	39.0286
Total	71.2432	66.1151	47.5957	548.584	1.65276	0.85077	181.295	182.146	0.80750	46.0240	46.8315	194.777	155,351	155,545	24.3214	5.97808	56.5233	157,991

2.5. 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	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	356.812	329.576	224.535	3,640.04	9.69941	3.69440	1,014.47	1,018.17	3.46789	257.455	260.923	—	985,723	985,723	24.5594	33.4533	244.720	996,551
Area	64.6121	63.8297	0.93959	104.889	0.00504	0.08784	—	0.08784	0.06644	—	0.06644	0.00000	323.943	323.943	0.01356	0.00272	—	325.093
Energy	1.03997	0.51999	9.19438	6.03563	0.05673	0.71853	—	0.71853	0.71853	—	0.71853	—	20,741.0	20,741.0	2.52881	0.20675	—	20,865.8
Water	—	—	—	—	—	—	—	—	—	—	—	305.461	321.598	627.059	31.3736	0.75050	—	1,635.05
Waste	—	—	—	—	—	—	—	—	—	—	—	871.005	0.00000	871.005	87.0539	0.00000	—	3,047.35
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	235.735	235.735
Total	422.464	393.925	234.669	3,750.97	9.76118	4.50077	1,014.47	1,018.97	4.25286	257.455	261.708	1,176.47	1,007,109	1,008,286	145.529	34.4133	480.455	1,022,660
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	328.852	301.713	267.551	2,885.05	8.79137	3.69627	1,014.47	1,018.17	3.46968	257.455	260.925	—	893,876	893,876	26.6610	36.6516	6.34650	905,471

Area	52.3539	52.3539	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Energy	1.03997	0.51999	9.19438	6.03563	0.05673	0.71853	—	0.71853	0.71853	—	0.71853	—	20,741.0	20,741.0	2.52881	0.20675	—	20,865.8
Water	—	—	—	—	—	—	—	—	—	—	—	305.461	321.598	627.059	31.3736	0.75050	—	1,635.05
Waste	—	—	—	—	—	—	—	—	—	—	—	871.005	0.00000	871.005	87.0539	0.00000	—	3,047.35
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	235.735	235.735
Total	382.246	354.587	276.746	2,891.09	8.84810	4.41480	1,014.47	1,018.89	4.18821	257.455	261.643	1,176.47	914,938	916,115	147.617	37.6089	242.082	931,255
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	330.638	303.593	248.546	2,946.64	8.98087	3.69519	993.399	997.094	3.46865	252.186	255.655	—	913,041	913,041	25.5181	35.1266	105.669	924,253
Area	58.3991	58.0132	0.46336	51.7261	0.00248	0.04332	—	0.04332	0.03277	—	0.03277	0.00000	159.753	159.753	0.00669	0.00134	—	160.320
Energy	1.03997	0.51999	9.19438	6.03563	0.05673	0.71853	—	0.71853	0.71853	—	0.71853	—	20,741.0	20,741.0	2.52881	0.20675	—	20,865.8
Water	—	—	—	—	—	—	—	—	—	—	—	305.461	321.598	627.059	31.3736	0.75050	—	1,635.05
Waste	—	—	—	—	—	—	—	—	—	—	—	871.005	0.00000	871.005	87.0539	0.00000	—	3,047.35
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	235.735	235.735
Total	390.078	362.126	258.203	3,004.40	9.04008	4.45703	993.399	997.856	4.21994	252.186	256.406	1,176.47	934,264	935,440	146.481	36.0852	341.404	950,197
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	60.3415	55.4058	45.3596	537.762	1.63901	0.67437	181.295	181.970	0.63303	46.0240	46.6570	—	151,164	151,164	4.22481	5.81562	17.4947	153,021
Area	10.6578	10.5874	0.08456	9.44001	0.00045	0.00791	—	0.00791	0.00598	—	0.00598	0.00000	26.4489	26.4489	0.00111	0.00022	—	26.5428
Energy	0.18979	0.09490	1.67797	1.10150	0.01035	0.13113	—	0.13113	0.13113	—	0.13113	—	3,433.90	3,433.90	0.41867	0.03423	—	3,454.57
Water	—	—	—	—	—	—	—	—	—	—	—	50.5726	53.2442	103.817	5.19425	0.12425	—	270.701
Waste	—	—	—	—	—	—	—	—	—	—	—	144.205	0.00000	144.205	14.4128	0.00000	—	504.524
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	39.0286	39.0286
Total	71.1891	66.0881	47.1221	548.303	1.64981	0.81341	181.295	182.109	0.77014	46.0240	46.7942	194.777	154,678	154,873	24.2516	5.97432	56.5233	157,316

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

Mobile source emissions results are presented in Sections 2.6. No further detailed breakdown of emissions is available.

4.1.2. Mitigated

Mobile source emissions results are presented in Sections 2.5. No further detailed breakdown of emissions is available.

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	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	1,367.46	1,367.46	0.22122	0.02682	—	1,380.98
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	—	563.033	563.033	0.09109	0.01104	—	568.601
Apartments High Rise	—	—	—	—	—	—	—	—	—	—	—	—	1,987.03	1,987.03	0.32146	0.03896	—	2,006.68
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	4,915.32	4,915.32	0.79519	0.09639	—	4,963.92
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	—	943.015	943.015	0.15256	0.01849	—	952.340
Hotel	—	—	—	—	—	—	—	—	—	—	—	—	397.814	397.814	0.06436	0.00780	—	401.748
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	134.510	134.510	0.02176	0.00264	—	135.840
Total	—	—	—	—	—	—	—	—	—	—	—	—	10,308.2	10,308.2	1.66764	0.20214	—	10,410.1

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	1,367.46	1,367.46	0.22122	0.02682	—	1,380.98
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	—	563.033	563.033	0.09109	0.01104	—	568.601
Apartments High Rise	—	—	—	—	—	—	—	—	—	—	—	—	1,987.03	1,987.03	0.32146	0.03896	—	2,006.68
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	4,915.32	4,915.32	0.79519	0.09639	—	4,963.92
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	—	943.015	943.015	0.15256	0.01849	—	952.340
Hotel	—	—	—	—	—	—	—	—	—	—	—	—	397.814	397.814	0.06436	0.00780	—	401.748
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	134.510	134.510	0.02176	0.00264	—	135.840
Total	—	—	—	—	—	—	—	—	—	—	—	—	10,308.2	10,308.2	1.66764	0.20214	—	10,410.1
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	226.398	226.398	0.03663	0.00444	—	228.637
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	—	93.2166	93.2166	0.01508	0.00183	—	94.1383
Apartments High Rise	—	—	—	—	—	—	—	—	—	—	—	—	328.975	328.975	0.05322	0.00645	—	332.228

General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	813.787	813.787	0.13165	0.01596	—	821.834
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	—	156.127	156.127	0.02526	0.00306	—	157.671
Hotel	—	—	—	—	—	—	—	—	—	—	—	—	65.8627	65.8627	0.01066	0.00129	—	66.5139
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	22.2697	22.2697	0.00360	0.00044	—	22.4899
Total	—	—	—	—	—	—	—	—	—	—	—	—	1,706.64	1,706.64	0.27610	0.03347	—	1,723.51

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	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	1,340.30	1,340.30	0.21683	0.02628	—	1,353.55
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	—	544.562	544.562	0.08810	0.01068	—	549.946
Apartments High Rise	—	—	—	—	—	—	—	—	—	—	—	—	1,918.60	1,918.60	0.31039	0.03762	—	1,937.57
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	4,277.02	4,277.02	0.69193	0.08387	—	4,319.32
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	—	891.911	891.911	0.14429	0.01749	—	900.730

Hotel	—	—	—	—	—	—	—	—	—	—	—	—	370.967	370.967	0.06001	0.00727	—	374.635
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	117.043	117.043	0.01893	0.00230	—	118.200
Total	—	—	—	—	—	—	—	—	—	—	—	—	9,460.41	9,460.41	1.53049	0.18551	—	9,553.96
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	1,340.30	1,340.30	0.21683	0.02628	—	1,353.55
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	—	544.562	544.562	0.08810	0.01068	—	549.946
Apartments High Rise	—	—	—	—	—	—	—	—	—	—	—	—	1,918.60	1,918.60	0.31039	0.03762	—	1,937.57
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	4,277.02	4,277.02	0.69193	0.08387	—	4,319.32
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	—	891.911	891.911	0.14429	0.01749	—	900.730
Hotel	—	—	—	—	—	—	—	—	—	—	—	—	370.967	370.967	0.06001	0.00727	—	374.635
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	117.043	117.043	0.01893	0.00230	—	118.200
Total	—	—	—	—	—	—	—	—	—	—	—	—	9,460.41	9,460.41	1.53049	0.18551	—	9,553.96
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	221.902	221.902	0.03590	0.00435	—	224.096

Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	—	90.1584	90.1584	0.01459	0.00177	—	91.0499
Apartments High Rise	—	—	—	—	—	—	—	—	—	—	—	—	317.647	317.647	0.05139	0.00623	—	320.787
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	708.110	708.110	0.11456	0.01389	—	715.112
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	—	147.666	147.666	0.02389	0.00290	—	149.126
Hotel	—	—	—	—	—	—	—	—	—	—	—	—	61.4178	61.4178	0.00994	0.00120	—	62.0251
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	19.3777	19.3777	0.00313	0.00038	—	19.5694
Total	—	—	—	—	—	—	—	—	—	—	—	—	1,566.28	1,566.28	0.25339	0.03071	—	1,581.77

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	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	0.24668	0.12334	2.10795	0.89700	0.01346	0.17043	—	0.17043	0.17043	—	0.17043	—	2,675.68	2,675.68	0.23680	0.00504	—	2,683.10
Apartments Mid Rise	0.09088	0.04544	0.77657	0.33046	0.00496	0.06279	—	0.06279	0.06279	—	0.06279	—	985.725	985.725	0.08724	0.00186	—	988.459

Apartments High Rise	0.32071	0.16036	2.74064	1.16623	0.01749	0.22158	—	0.22158	0.22158	—	0.22158	—	3,478.77	3,478.77	0.30787	0.00655	—	3,488.42
General Office Building	0.35845	0.17922	3.25862	2.73724	0.01955	0.24766	—	0.24766	0.24766	—	0.24766	—	3,888.08	3,888.08	0.34409	0.00732	—	3,898.87
General Heavy Industry	0.20009	0.10005	1.81903	1.52799	0.01091	0.13825	—	0.13825	0.13825	—	0.13825	—	2,170.41	2,170.41	0.19208	0.00409	—	2,176.43
Hotel	0.10968	0.05484	0.99708	0.83755	0.00598	0.07578	—	0.07578	0.07578	—	0.07578	—	1,189.68	1,189.68	0.10529	0.00224	—	1,192.98
Government (Civic Center)	0.00981	0.00490	0.08917	0.07491	0.00054	0.00678	—	0.00678	0.00678	—	0.00678	—	106.399	106.399	0.00942	0.00020	—	106.694
Total	1.33629	0.66815	11.7891	7.57137	0.07289	0.92326	—	0.92326	0.92326	—	0.92326	—	14,494.7	14,494.7	1.28278	0.02729	—	14,535.0
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	0.24668	0.12334	2.10795	0.89700	0.01346	0.17043	—	0.17043	0.17043	—	0.17043	—	2,675.68	2,675.68	0.23680	0.00504	—	2,683.10
Apartments Mid Rise	0.09088	0.04544	0.77657	0.33046	0.00496	0.06279	—	0.06279	0.06279	—	0.06279	—	985.725	985.725	0.08724	0.00186	—	988.459
Apartments High Rise	0.32071	0.16036	2.74064	1.16623	0.01749	0.22158	—	0.22158	0.22158	—	0.22158	—	3,478.77	3,478.77	0.30787	0.00655	—	3,488.42
General Office Building	0.35845	0.17922	3.25862	2.73724	0.01955	0.24766	—	0.24766	0.24766	—	0.24766	—	3,888.08	3,888.08	0.34409	0.00732	—	3,898.87
General Heavy Industry	0.20009	0.10005	1.81903	1.52799	0.01091	0.13825	—	0.13825	0.13825	—	0.13825	—	2,170.41	2,170.41	0.19208	0.00409	—	2,176.43
Hotel	0.10968	0.05484	0.99708	0.83755	0.00598	0.07578	—	0.07578	0.07578	—	0.07578	—	1,189.68	1,189.68	0.10529	0.00224	—	1,192.98

Government	0.00981	0.00490	0.08917	0.07491	0.00054	0.00678	—	0.00678	0.00678	—	0.00678	—	106.399	106.399	0.00942	0.00020	—	106.694
Total	1.33629	0.66815	11.7891	7.57137	0.07289	0.92326	—	0.92326	0.92326	—	0.92326	—	14,494.7	14,494.7	1.28278	0.02729	—	14,535.0
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	0.04502	0.02251	0.38470	0.16370	0.00246	0.03110	—	0.03110	0.03110	—	0.03110	—	442.989	442.989	0.03920	0.00083	—	444.218
Apartments Mid Rise	0.01658	0.00829	0.14172	0.06031	0.00090	0.01146	—	0.01146	0.01146	—	0.01146	—	163.198	163.198	0.01444	0.00031	—	163.651
Apartments High Rise	0.05853	0.02927	0.50017	0.21284	0.00319	0.04044	—	0.04044	0.04044	—	0.04044	—	575.950	575.950	0.05097	0.00108	—	577.547
General Office Building	0.06542	0.03271	0.59470	0.49955	0.00357	0.04520	—	0.04520	0.04520	—	0.04520	—	643.716	643.716	0.05697	0.00121	—	645.502
General Heavy Industry	0.03652	0.01826	0.33197	0.27886	0.00199	0.02523	—	0.02523	0.02523	—	0.02523	—	359.336	359.336	0.03180	0.00068	—	360.333
Hotel	0.02002	0.01001	0.18197	0.15285	0.00109	0.01383	—	0.01383	0.01383	—	0.01383	—	196.965	196.965	0.01743	0.00037	—	197.512
Government (Civic Center)	0.00179	0.00090	0.01627	0.01367	0.00010	0.00124	—	0.00124	0.00124	—	0.00124	—	17.6156	17.6156	0.00156	0.00003	—	17.6644
Total	0.24387	0.12194	2.15151	1.38178	0.01330	0.16849	—	0.16849	0.16849	—	0.16849	—	2,399.77	2,399.77	0.21238	0.00452	—	2,406.43

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

Single Family Housing	0.17944	0.08972	1.53340	0.65251	0.00979	0.12398	—	0.12398	0.12398	—	0.12398	—	1,946.38	1,946.38	0.17225	0.00366	—	1,951.78
Apartments Mid Rise	0.06537	0.03268	0.55861	0.23770	0.00357	0.04516	—	0.04516	0.04516	—	0.04516	—	709.053	709.053	0.06275	0.00134	—	711.020
Apartments High Rise	0.23168	0.11584	1.97984	0.84249	0.01264	0.16007	—	0.16007	0.16007	—	0.16007	—	2,513.07	2,513.07	0.22241	0.00473	—	2,520.04
General Office Building	0.28398	0.14199	2.58159	2.16854	0.01549	0.19620	—	0.19620	0.19620	—	0.19620	—	3,080.27	3,080.27	0.27260	0.00580	—	3,088.81
General Heavy Industry	0.19002	0.09501	1.72749	1.45109	0.01036	0.13129	—	0.13129	0.13129	—	0.13129	—	2,061.18	2,061.18	0.18241	0.00388	—	2,066.90
Hotel	0.08171	0.04085	0.74281	0.62396	0.00446	0.05645	—	0.05645	0.05645	—	0.05645	—	886.292	886.292	0.07844	0.00167	—	888.750
Government (Civic Center)	0.00777	0.00389	0.07065	0.05934	0.00042	0.00537	—	0.00537	0.00537	—	0.00537	—	84.2930	84.2930	0.00746	0.00016	—	84.5268
Total	1.03997	0.51999	9.19438	6.03563	0.05673	0.71853	—	0.71853	0.71853	—	0.71853	—	11,280.5	11,280.5	0.99832	0.02124	—	11,311.8
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	0.17944	0.08972	1.53340	0.65251	0.00979	0.12398	—	0.12398	0.12398	—	0.12398	—	1,946.38	1,946.38	0.17225	0.00366	—	1,951.78
Apartments Mid Rise	0.06537	0.03268	0.55861	0.23770	0.00357	0.04516	—	0.04516	0.04516	—	0.04516	—	709.053	709.053	0.06275	0.00134	—	711.020
Apartments High Rise	0.23168	0.11584	1.97984	0.84249	0.01264	0.16007	—	0.16007	0.16007	—	0.16007	—	2,513.07	2,513.07	0.22241	0.00473	—	2,520.04
General Office Building	0.28398	0.14199	2.58159	2.16854	0.01549	0.19620	—	0.19620	0.19620	—	0.19620	—	3,080.27	3,080.27	0.27260	0.00580	—	3,088.81

General Heavy Industry	0.19002	0.09501	1.72749	1.45109	0.01036	0.13129	—	0.13129	0.13129	—	0.13129	—	2,061.18	2,061.18	0.18241	0.00388	—	2,066.90
Hotel	0.08171	0.04085	0.74281	0.62396	0.00446	0.05645	—	0.05645	0.05645	—	0.05645	—	886.292	886.292	0.07844	0.00167	—	888.750
Government (Civic Center)	0.00777	0.00389	0.07065	0.05934	0.00042	0.00537	—	0.00537	0.00537	—	0.00537	—	84.2930	84.2930	0.00746	0.00016	—	84.5268
Total	1.03997	0.51999	9.19438	6.03563	0.05673	0.71853	—	0.71853	0.71853	—	0.71853	—	11,280.5	11,280.5	0.99832	0.02124	—	11,311.8
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	0.03275	0.01637	0.27985	0.11908	0.00179	0.02263	—	0.02263	0.02263	—	0.02263	—	322.246	322.246	0.02852	0.00061	—	323.140
Apartments Mid Rise	0.01193	0.00596	0.10195	0.04338	0.00065	0.00824	—	0.00824	0.00824	—	0.00824	—	117.392	117.392	0.01039	0.00022	—	117.717
Apartments High Rise	0.04228	0.02114	0.36132	0.15375	0.00231	0.02921	—	0.02921	0.02921	—	0.02921	—	416.067	416.067	0.03682	0.00078	—	417.221
General Office Building	0.05183	0.02591	0.47114	0.39576	0.00283	0.03581	—	0.03581	0.03581	—	0.03581	—	509.974	509.974	0.04513	0.00096	—	511.389
General Heavy Industry	0.03468	0.01734	0.31527	0.26482	0.00189	0.02396	—	0.02396	0.02396	—	0.02396	—	341.252	341.252	0.03020	0.00064	—	342.198
Hotel	0.01491	0.00746	0.13556	0.11387	0.00081	0.01030	—	0.01030	0.01030	—	0.01030	—	146.736	146.736	0.01299	0.00028	—	147.143
Government (Civic Center)	0.00142	0.00071	0.01289	0.01083	0.00008	0.00098	—	0.00098	0.00098	—	0.00098	—	13.9557	13.9557	0.00124	0.00003	—	13.9944
Total	0.18979	0.09490	1.67797	1.10150	0.01035	0.13113	—	0.13113	0.13113	—	0.13113	—	1,867.62	1,867.62	0.16528	0.00352	—	1,872.80

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	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Consumer Products	47.9467	47.9467	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	4.40727	4.40727	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	12.2582	11.4757	0.93959	104.889	0.00504	0.08784	—	0.08784	0.06644	—	0.06644	—	323.943	323.943	0.01356	0.00272	—	325.093
Total	64.6121	63.8297	0.93959	104.889	0.00504	0.08784	—	0.08784	0.06644	—	0.06644	0.00000	323.943	323.943	0.01356	0.00272	—	325.093
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Consumer Products	47.9467	47.9467	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	4.40727	4.40727	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	52.3539	52.3539	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000

Consum Products	8.75026	8.75026	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.80433	0.80433	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	1.10324	1.03282	0.08456	9.44001	0.00045	0.00791	—	0.00791	0.00598	—	0.00598	—	26.4489	26.4489	0.00111	0.00022	—	26.5428
Total	10.6578	10.5874	0.08456	9.44001	0.00045	0.00791	—	0.00791	0.00598	—	0.00598	0.00000	26.4489	26.4489	0.00111	0.00022	—	26.5428

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	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Consumer Products	47.9467	47.9467	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	4.40727	4.40727	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	12.2582	11.4757	0.93959	104.889	0.00504	0.08784	—	0.08784	0.06644	—	0.06644	—	323.943	323.943	0.01356	0.00272	—	325.093
Total	64.6121	63.8297	0.93959	104.889	0.00504	0.08784	—	0.08784	0.06644	—	0.06644	0.00000	323.943	323.943	0.01356	0.00272	—	325.093
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000

Consum Products	47.9467	47.9467	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	4.40727	4.40727	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	52.3539	52.3539	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Consumer Products	8.75026	8.75026	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.80433	0.80433	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	1.10324	1.03282	0.08456	9.44001	0.00045	0.00791	—	0.00791	0.00598	—	0.00598	—	26.4489	26.4489	0.00111	0.00022	—	26.5428
Total	10.6578	10.5874	0.08456	9.44001	0.00045	0.00791	—	0.00791	0.00598	—	0.00598	0.00000	26.4489	26.4489	0.00111	0.00022	—	26.5428

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	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	18.0752	59.1067	77.1820	1.86297	0.04520	—	137.224

Apartme Mid Rise	—	—	—	—	—	—	—	—	—	—	—	14.0445	12.8279	26.8724	1.44218	0.03447	—	73.1983
Apartme nts High Rise	—	—	—	—	—	—	—	—	—	—	—	49.5651	45.2716	94.8367	5.08966	0.12164	—	258.328
General Office Building	—	—	—	—	—	—	—	—	—	—	—	143.125	130.727	273.851	14.6969	0.35126	—	745.948
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	72.3852	66.1149	138.500	7.43297	0.17765	—	377.263
Hotel	—	—	—	—	—	—	—	—	—	—	—	3.88870	3.55184	7.44054	0.39932	0.00954	—	20.2674
Govern ment (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	4.37781	3.99858	8.37639	0.44954	0.01074	—	22.8166
Total	—	—	—	—	—	—	—	—	—	—	—	305.461	321.598	627.059	31.3736	0.75050	—	1,635.05
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	18.0752	59.1067	77.1820	1.86297	0.04520	—	137.224
Apartme nts Mid Rise	—	—	—	—	—	—	—	—	—	—	—	14.0445	12.8279	26.8724	1.44218	0.03447	—	73.1983
Apartme nts High Rise	—	—	—	—	—	—	—	—	—	—	—	49.5651	45.2716	94.8367	5.08966	0.12164	—	258.328
General Office Building	—	—	—	—	—	—	—	—	—	—	—	143.125	130.727	273.851	14.6969	0.35126	—	745.948
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	72.3852	66.1149	138.500	7.43297	0.17765	—	377.263

Hotel	—	—	—	—	—	—	—	—	—	—	—	3.88870	3.55184	7.44054	0.39932	0.00954	—	20.2674
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	4.37781	3.99858	8.37639	0.44954	0.01074	—	22.8166
Total	—	—	—	—	—	—	—	—	—	—	—	305.461	321.598	627.059	31.3736	0.75050	—	1,635.05
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	2.99256	9.78580	12.7784	0.30844	0.00748	—	22.7191
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	2.32523	2.12381	4.44903	0.23877	0.00571	—	12.1188
Apartments High Rise	—	—	—	—	—	—	—	—	—	—	—	8.20607	7.49523	15.7013	0.84265	0.02014	—	42.7691
General Office Building	—	—	—	—	—	—	—	—	—	—	—	23.6959	21.6433	45.3392	2.43324	0.05815	—	123.500
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	11.9842	10.9461	22.9303	1.23061	0.02941	—	62.4602
Hotel	—	—	—	—	—	—	—	—	—	—	—	0.64382	0.58805	1.23187	0.06611	0.00158	—	3.35551
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	0.72480	0.66201	1.38681	0.07443	0.00178	—	3.77755
Total	—	—	—	—	—	—	—	—	—	—	—	50.5726	53.2442	103.817	5.19425	0.12425	—	270.701

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

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	18.0752	59.1067	77.1820	1.86297	0.04520	—	137.224
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	14.0445	12.8279	26.8724	1.44218	0.03447	—	73.1983
Apartments High Rise	—	—	—	—	—	—	—	—	—	—	—	49.5651	45.2716	94.8367	5.08966	0.12164	—	258.328
General Office Building	—	—	—	—	—	—	—	—	—	—	—	143.125	130.727	273.851	14.6969	0.35126	—	745.948
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	72.3852	66.1149	138.500	7.43297	0.17765	—	377.263
Hotel	—	—	—	—	—	—	—	—	—	—	—	3.88870	3.55184	7.44054	0.39932	0.00954	—	20.2674
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	4.37781	3.99858	8.37639	0.44954	0.01074	—	22.8166
Total	—	—	—	—	—	—	—	—	—	—	—	305.461	321.598	627.059	31.3736	0.75050	—	1,635.05
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	18.0752	59.1067	77.1820	1.86297	0.04520	—	137.224
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	14.0445	12.8279	26.8724	1.44218	0.03447	—	73.1983
Apartments High Rise	—	—	—	—	—	—	—	—	—	—	—	49.5651	45.2716	94.8367	5.08966	0.12164	—	258.328

General Office Building	—	—	—	—	—	—	—	—	—	—	—	143.125	130.727	273.851	14.6969	0.35126	—	745.948
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	72.3852	66.1149	138.500	7.43297	0.17765	—	377.263
Hotel	—	—	—	—	—	—	—	—	—	—	—	3.88870	3.55184	7.44054	0.39932	0.00954	—	20.2674
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	4.37781	3.99858	8.37639	0.44954	0.01074	—	22.8166
Total	—	—	—	—	—	—	—	—	—	—	—	305.461	321.598	627.059	31.3736	0.75050	—	1,635.05
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	2.99256	9.78580	12.7784	0.30844	0.00748	—	22.7191
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	2.32523	2.12381	4.44903	0.23877	0.00571	—	12.1188
Apartments High Rise	—	—	—	—	—	—	—	—	—	—	—	8.20607	7.49523	15.7013	0.84265	0.02014	—	42.7691
General Office Building	—	—	—	—	—	—	—	—	—	—	—	23.6959	21.6433	45.3392	2.43324	0.05815	—	123.500
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	11.9842	10.9461	22.9303	1.23061	0.02941	—	62.4602
Hotel	—	—	—	—	—	—	—	—	—	—	—	0.64382	0.58805	1.23187	0.06611	0.00158	—	3.35551
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	0.72480	0.66201	1.38681	0.07443	0.00178	—	3.77755
Total	—	—	—	—	—	—	—	—	—	—	—	50.5726	53.2442	103.817	5.19425	0.12425	—	270.701

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	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	89.7776	0.00000	89.7776	8.97295	0.00000	—	314.101
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	88.8680	0.00000	88.8680	8.88204	0.00000	—	310.919
Apartments High Rise	—	—	—	—	—	—	—	—	—	—	—	313.634	0.00000	313.634	31.3466	0.00000	—	1,097.30
General Office Building	—	—	—	—	—	—	—	—	—	—	—	210.629	0.00000	210.629	21.0516	0.00000	—	736.919
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	109.164	0.00000	109.164	10.9106	0.00000	—	381.928
Hotel	—	—	—	—	—	—	—	—	—	—	—	23.6055	0.00000	23.6055	2.35929	0.00000	—	82.5877
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	35.3274	0.00000	35.3274	3.53085	0.00000	—	123.599
Total	—	—	—	—	—	—	—	—	—	—	—	871.005	0.00000	871.005	87.0539	0.00000	—	3,047.35
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	89.7776	0.00000	89.7776	8.97295	0.00000	—	314.101
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	88.8680	0.00000	88.8680	8.88204	0.00000	—	310.919
Apartments High Rise	—	—	—	—	—	—	—	—	—	—	—	313.634	0.00000	313.634	31.3466	0.00000	—	1,097.30
General Office Building	—	—	—	—	—	—	—	—	—	—	—	210.629	0.00000	210.629	21.0516	0.00000	—	736.919
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	109.164	0.00000	109.164	10.9106	0.00000	—	381.928
Hotel	—	—	—	—	—	—	—	—	—	—	—	23.6055	0.00000	23.6055	2.35929	0.00000	—	82.5877
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	35.3274	0.00000	35.3274	3.53085	0.00000	—	123.599
Total	—	—	—	—	—	—	—	—	—	—	—	871.005	0.00000	871.005	87.0539	0.00000	—	3,047.35
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	14.8637	0.00000	14.8637	1.48557	0.00000	—	52.0031
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	14.7131	0.00000	14.7131	1.47052	0.00000	—	51.4762
Apartments High Rise	—	—	—	—	—	—	—	—	—	—	—	51.9257	0.00000	51.9257	5.18978	0.00000	—	181.670
General Office Building	—	—	—	—	—	—	—	—	—	—	—	34.8720	0.00000	34.8720	3.48533	0.00000	—	122.005

General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	18.0734	0.00000	18.0734	1.80637	0.00000	—	63.2326
Hotel	—	—	—	—	—	—	—	—	—	—	—	3.90816	0.00000	3.90816	0.39061	0.00000	—	13.6733
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	5.84886	0.00000	5.84886	0.58457	0.00000	—	20.4632
Total	—	—	—	—	—	—	—	—	—	—	—	144.205	0.00000	144.205	14.4128	0.00000	—	504.524

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	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	89.7776	0.00000	89.7776	8.97295	0.00000	—	314.101
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	88.8680	0.00000	88.8680	8.88204	0.00000	—	310.919
Apartments High Rise	—	—	—	—	—	—	—	—	—	—	—	313.634	0.00000	313.634	31.3466	0.00000	—	1,097.30
General Office Building	—	—	—	—	—	—	—	—	—	—	—	210.629	0.00000	210.629	21.0516	0.00000	—	736.919
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	109.164	0.00000	109.164	10.9106	0.00000	—	381.928
Hotel	—	—	—	—	—	—	—	—	—	—	—	23.6055	0.00000	23.6055	2.35929	0.00000	—	82.5877

Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	35.3274	0.00000	35.3274	3.53085	0.00000	—	123.599
Total	—	—	—	—	—	—	—	—	—	—	—	871.005	0.00000	871.005	87.0539	0.00000	—	3,047.35
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	89.7776	0.00000	89.7776	8.97295	0.00000	—	314.101
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	88.8680	0.00000	88.8680	8.88204	0.00000	—	310.919
Apartments High Rise	—	—	—	—	—	—	—	—	—	—	—	313.634	0.00000	313.634	31.3466	0.00000	—	1,097.30
General Office Building	—	—	—	—	—	—	—	—	—	—	—	210.629	0.00000	210.629	21.0516	0.00000	—	736.919
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	109.164	0.00000	109.164	10.9106	0.00000	—	381.928
Hotel	—	—	—	—	—	—	—	—	—	—	—	23.6055	0.00000	23.6055	2.35929	0.00000	—	82.5877
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	35.3274	0.00000	35.3274	3.53085	0.00000	—	123.599
Total	—	—	—	—	—	—	—	—	—	—	—	871.005	0.00000	871.005	87.0539	0.00000	—	3,047.35
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	14.8637	0.00000	14.8637	1.48557	0.00000	—	52.0031
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	14.7131	0.00000	14.7131	1.47052	0.00000	—	51.4762

Apartments High Rise	—	—	—	—	—	—	—	—	—	—	—	51.9257	0.00000	51.9257	5.18978	0.00000	—	181.670
General Office Building	—	—	—	—	—	—	—	—	—	—	—	34.8720	0.00000	34.8720	3.48533	0.00000	—	122.005
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	18.0734	0.00000	18.0734	1.80637	0.00000	—	63.2326
Hotel	—	—	—	—	—	—	—	—	—	—	—	3.90816	0.00000	3.90816	0.39061	0.00000	—	13.6733
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	5.84886	0.00000	5.84886	0.58457	0.00000	—	20.4632
Total	—	—	—	—	—	—	—	—	—	—	—	144.205	0.00000	144.205	14.4128	0.00000	—	504.524

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	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4.00822	4.00822
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.53324	1.53324
Apartments High Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5.41104	5.41104

General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.65634	0.65634
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	42.5207	42.5207
Hotel	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	181.588	181.588
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.01796	0.01796
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	235.735	235.735
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4.00822	4.00822
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.53324	1.53324
Apartments High Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5.41104	5.41104
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.65634	0.65634
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	42.5207	42.5207
Hotel	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	181.588	181.588
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.01796	0.01796
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	235.735	235.735

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.66361	0.66361
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.25385	0.25385
Apartments High Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.89586	0.89586
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.10866	0.10866
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	7.03979	7.03979
Hotel	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	30.0639	30.0639
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00297	0.00297
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	39.0286	39.0286

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	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4.00822	4.00822

Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.53324	1.53324
Apartments High Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5.41104	5.41104
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.65634	0.65634
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	42.5207	42.5207
Hotel	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	181.588	181.588
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.01796	0.01796
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	235.735	235.735
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4.00822	4.00822
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.53324	1.53324
Apartments High Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5.41104	5.41104
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.65634	0.65634
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	42.5207	42.5207

Hotel	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	181.588	181.588
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.01796	0.01796
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	235.735	235.735
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.66361	0.66361
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.25385	0.25385
Apartments High Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.89586	0.89586
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.10866	0.10866
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	7.03979	7.03979
Hotel	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	30.0639	30.0639
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00297	0.00297
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	39.0286	39.0286

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	TOG	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	TOG	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	TOG	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	TOG	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	TOG	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	TOG	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	TOG	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	TOG	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	TOG	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	TOG	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	TOG	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	TOG	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

5.9. 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
Total all Land Uses	126,998	126,998	126,998	46,354,270	1,433,557	1,433,557	1,433,557	523,248,305

5.9.2. Mitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Total all Land Uses	126,998	126,998	126,998	46,354,270	1,433,557	1,433,557	1,433,557	523,248,305

5.10. Operational Area Sources

5.10.1. Hearths

Land Use	Hearth Type	Unmitigated (number)	Mitigated (number)
Single Family Housing	Wood Fireplaces	0	0
Single Family Housing	Gas Fireplaces	0	0
Single Family Housing	Propane Fireplaces	0	0
Single Family Housing	Electric Fireplaces	0	0
Single Family Housing	No Fireplaces	0	0
Single Family Housing	Conventional Wood Stoves	0	0
Single Family Housing	Catalytic Wood Stoves	0	0
Single Family Housing	Non-Catalytic Wood Stoves	0	0
Single Family Housing	Pellet Wood Stoves	0	0
Apartments Mid Rise	Wood Fireplaces	0	0
Apartments Mid Rise	Gas Fireplaces	0	0
Apartments Mid Rise	Propane Fireplaces	0	0
Apartments Mid Rise	Electric Fireplaces	0	0
Apartments Mid Rise	No Fireplaces	0	0
Apartments Mid Rise	Conventional Wood Stoves	0	0
Apartments Mid Rise	Catalytic Wood Stoves	0	0
Apartments Mid Rise	Non-Catalytic Wood Stoves	0	0
Apartments Mid Rise	Pellet Wood Stoves	0	0
Apartments High Rise	Wood Fireplaces	0	0
Apartments High Rise	Gas Fireplaces	0	0
Apartments High Rise	Propane Fireplaces	0	0
Apartments High Rise	Electric Fireplaces	0	0
Apartments High Rise	No Fireplaces	0	0
Apartments High Rise	Conventional Wood Stoves	0	0
Apartments High Rise	Catalytic Wood Stoves	0	0
Apartments High Rise	Non-Catalytic Wood Stoves	0	0
Apartments High Rise	Pellet Wood Stoves	0	0

General Office Building	Wood Fireplaces	0	0
General Office Building	Gas Fireplaces	0	0
General Office Building	Propane Fireplaces	0	0
General Office Building	Electric Fireplaces	0	0
General Office Building	No Fireplaces	0	0
General Office Building	Conventional Wood Stoves	0	0
General Office Building	Catalytic Wood Stoves	0	0
General Office Building	Non-Catalytic Wood Stoves	0	0
General Office Building	Pellet Wood Stoves	0	0
General Heavy Industry	Wood Fireplaces	0	0
General Heavy Industry	Gas Fireplaces	0	0
General Heavy Industry	Propane Fireplaces	0	0
General Heavy Industry	Electric Fireplaces	0	0
General Heavy Industry	No Fireplaces	0	0
General Heavy Industry	Conventional Wood Stoves	0	0
General Heavy Industry	Catalytic Wood Stoves	0	0
General Heavy Industry	Non-Catalytic Wood Stoves	0	0
General Heavy Industry	Pellet Wood Stoves	0	0
Hotel	Wood Fireplaces	0	0
Hotel	Gas Fireplaces	0	0
Hotel	Propane Fireplaces	0	0
Hotel	Electric Fireplaces	0	0
Hotel	No Fireplaces	0	0
Hotel	Conventional Wood Stoves	0	0
Hotel	Catalytic Wood Stoves	0	0
Hotel	Non-Catalytic Wood Stoves	0	0
Hotel	Pellet Wood Stoves	0	0
Government (Civic Center)	Wood Fireplaces	0	0

Government (Civic Center)	Gas Fireplaces	0	0
Government (Civic Center)	Propane Fireplaces	0	0
Government (Civic Center)	Electric Fireplaces	0	0
Government (Civic Center)	No Fireplaces	0	0
Government (Civic Center)	Conventional Wood Stoves	0	0
Government (Civic Center)	Catalytic Wood Stoves	0	0
Government (Civic Center)	Non-Catalytic Wood Stoves	0	0
Government (Civic Center)	Pellet Wood Stoves	0	0

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)
3,096,731	1,032,244	1,066,872	355,624	—

5.10.3. Landscape Equipment

Season	Unit	Value
Snow Days	day/yr	0.00000
Summer Days	day/yr	180.000

5.10.4. Landscape Equipment - Mitigated

Season	Unit	Value
Snow Days	day/yr	0.00000
Summer Days	day/yr	180.000

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)
Single Family Housing	2,446,879	203.983	0.0330	0.0040	8,348,837
Apartments Mid Rise	1,007,472	203.983	0.0330	0.0040	3,075,726
Apartments High Rise	3,555,517	203.983	0.0330	0.0040	10,854,691
General Office Building	8,795,303	203.983	0.0330	0.0040	12,131,859
General Heavy Industry	1,687,399	203.983	0.0330	0.0040	6,772,264
Hotel	711,835	203.983	0.0330	0.0040	3,712,124
Government (Civic Center)	240,687	203.983	0.0330	0.0040	331,994

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)
Single Family Housing	2,398,288	203.983	0.0330	0.0040	6,073,239
Apartments Mid Rise	974,420	203.983	0.0330	0.0040	2,212,437
Apartments High Rise	3,433,080	203.983	0.0330	0.0040	7,841,445
General Office Building	7,653,155	203.983	0.0330	0.0040	9,611,272
General Heavy Industry	1,595,954	203.983	0.0330	0.0040	6,431,435
Hotel	663,795	203.983	0.0330	0.0040	2,765,467
Government (Civic Center)	209,432	203.983	0.0330	0.0040	263,017

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Single Family Housing	9,432,664	47,270,503
Apartments Mid Rise	7,329,213	0.00000
Apartments High Rise	25,865,876	0.00000
General Office Building	74,690,475	0.00000

General Heavy Industry	37,774,688	0.00000
Hotel	2,029,342	0.00000
Government (Civic Center)	2,284,586	0.00000

5.12.2. Mitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Single Family Housing	9,432,664	47,270,503
Apartments Mid Rise	7,329,213	0.00000
Apartments High Rise	25,865,876	0.00000
General Office Building	74,690,475	0.00000
General Heavy Industry	37,774,688	0.00000
Hotel	2,029,342	0.00000
Government (Civic Center)	2,284,586	0.00000

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Single Family Housing	166.582	0.00000
Apartments Mid Rise	164.894	0.00000
Apartments High Rise	581.947	0.00000
General Office Building	390.821	0.00000
General Heavy Industry	202.554	0.00000
Hotel	43.8000	0.00000
Government (Civic Center)	65.5500	0.00000

5.13.2. Mitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Single Family Housing	166.582	0.00000
Apartments Mid Rise	164.894	0.00000
Apartments High Rise	581.947	0.00000
General Office Building	390.821	0.00000
General Heavy Industry	202.554	0.00000
Hotel	43.8000	0.00000
Government (Civic Center)	65.5500	0.00000

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
Single Family Housing	Average room A/C & Other residential A/C and heat pumps	R-410A	2,088.00	0.00225	2.50000	2.50000	10.00000
Single Family Housing	Household refrigerators and/or freezers	R-134a	1,430.00	0.11538	0.60000	0.00000	1.000000
Apartments Mid Rise	Average room A/C & Other residential A/C and heat pumps	R-410A	2,088.00	0.00225	2.50000	2.50000	10.00000
Apartments Mid Rise	Household refrigerators and/or freezers	R-134a	1,430.00	0.11538	0.60000	0.00000	1.000000
Apartments High Rise	Average room A/C & Other residential A/C and heat pumps	R-410A	2,088.00	0.00225	2.50000	2.50000	10.00000
Apartments High Rise	Household refrigerators and/or freezers	R-134a	1,430.00	0.11538	0.60000	0.00000	1.000000
General Office Building	Other commercial A/C and heat pumps	R-410A	2,088.00	0.00180	4.00000	4.00000	18.0000

General Heavy Industry	Other commercial A/C and heat pumps	R-410A	2,088.00	0.30000	4.00000	4.00000	18.0000
Hotel	Other commercial A/C and heat pumps	R-410A	2,088.00	1.80000	4.00000	4.00000	18.0000
Hotel	Walk-in refrigerators and freezers	R-404A	3,922.00	0.00040	7.50000	7.50000	20.0000
Government (Civic Center)	Other commercial A/C and heat pumps	R-410A	2,088.00	0.00180	4.00000	4.00000	18.0000

5.14.2. Mitigated

Land Use	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
Single Family Housing	Average room A/C & Other residential A/C and heat pumps	R-410A	2,088.00	0.00225	2.50000	2.50000	10.00000
Single Family Housing	Household refrigerators and/or freezers	R-134a	1,430.00	0.11538	0.60000	0.00000	1.000000
Apartments Mid Rise	Average room A/C & Other residential A/C and heat pumps	R-410A	2,088.00	0.00225	2.50000	2.50000	10.00000
Apartments Mid Rise	Household refrigerators and/or freezers	R-134a	1,430.00	0.11538	0.60000	0.00000	1.000000
Apartments High Rise	Average room A/C & Other residential A/C and heat pumps	R-410A	2,088.00	0.00225	2.50000	2.50000	10.00000
Apartments High Rise	Household refrigerators and/or freezers	R-134a	1,430.00	0.11538	0.60000	0.00000	1.000000
General Office Building	Other commercial A/C and heat pumps	R-410A	2,088.00	0.00180	4.00000	4.00000	18.0000
General Heavy Industry	Other commercial A/C and heat pumps	R-410A	2,088.00	0.30000	4.00000	4.00000	18.0000
Hotel	Other commercial A/C and heat pumps	R-410A	2,088.00	1.80000	4.00000	4.00000	18.0000

Hotel	Walk-in refrigerators and freezers	R-404A	3,922.00	0.00040	7.50000	7.50000	20.0000
Government (Civic Center)	Other commercial A/C and heat pumps	R-410A	2,088.00	0.00180	4.00000	4.00000	18.0000

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

5.15.2. Mitigated

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

5.16.2. Process Boilers

5.17. User Defined

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	29.0800	annual days of extreme heat
Extreme Precipitation	13.2000	annual days with precipitation above 20 mm
Sea Level Rise	—	meters of inundation depth
Wildfire	1.99000	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	5	0	0	N/A
Extreme Precipitation	4	0	0	N/A
Sea Level Rise	N/A	N/A	N/A	N/A
Wildfire	1	0	0	N/A
Flooding	0	0	0	N/A
Drought	0	0	0	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	0	0	0	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	5	1	1	4
Extreme Precipitation	4	1	1	4
Sea Level Rise	N/A	N/A	N/A	N/A
Wildfire	1	1	1	2
Flooding	1	1	1	2
Drought	1	1	1	2

Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	1	1	1	2

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	75.1213
AQ-PM	6.60859
AQ-DPM	74.7853
Drinking Water	0.14987
Lead Risk Housing	83.4531
Pesticides	43.7241
Toxic Releases	5.82646
Traffic	58.5625
Effect Indicators	—
CleanUp Sites	0.00000
Groundwater	86.0867
Haz Waste Facilities/Generators	50.1390
Impaired Water Bodies	12.4528
Solid Waste	42.3139

Sensitive Population	—
Asthma	55.3963
Cardio-vascular	49.2522
Low Birth Weights	3.77213
Socioeconomic Factor Indicators	—
Education	26.9425
Housing	72.5982
Linguistic	2.81500
Poverty	68.8317
Unemployment	70.9006

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	32.87565764
Employed	11.27935327
Median HI	8.37931477
Education	—
Bachelor's or higher	49.69844732
High school enrollment	100
Preschool enrollment	64.42961632
Transportation	—
Auto Access	23.58526883
Active commuting	86.64185808
Social	—
2-parent households	1.475683306
Voting	84.61439754

Neighborhood	—
Alcohol availability	27.56319774
Park access	42.21737457
Retail density	64.93006544
Supermarket access	28.71808033
Tree canopy	98.25484409
Housing	—
Homeownership	22.34056204
Housing habitability	29.11587322
Low-inc homeowner severe housing cost burden	10.93288849
Low-inc renter severe housing cost burden	15.15462595
Uncrowded housing	93.44283331
Health Outcomes	—
Insured adults	50.62235339
Arthritis	0.0
Asthma ER Admissions	51.2
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	2.6
Cognitively Disabled	20.1
Physically Disabled	30.9
Heart Attack ER Admissions	60.3
Mental Health Not Good	0.0
Chronic Kidney Disease	0.0

Obesity	0.0
Pedestrian Injuries	78.5
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	0.0
Children	40.5
Elderly	22.8
English Speaking	90.2
Foreign-born	2.3
Outdoor Workers	94.2
Climate Change Adaptive Capacity	—
Impervious Surface Cover	77.9
Traffic Density	55.9
Traffic Access	23.0
Other Indices	—
Hardship	64.6
Other Decision Support	—
2016 Voting	74.3

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	43.0000

Healthy Places Index Score for Project Location (b)	36.0000
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	Yes
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

8.1. Justifications

Screen	Justification
Operations: Hearths	Information provided to Rincon.
Operations: Refrigerants	Information provided to Rincon.

8.5. Operations

8.5.2. Area Sources

8.5.2.1. Hearths

Land Use	Model Parameter	Units	Default Value	New Value
Single Family Housing	Wood Fireplaces	—	43	0
Single Family Housing	Gas Fireplaces	—	144	0

Single Family Housing	No Fireplaces	—	100	0
Single Family Housing	Hours/Day	—	3	0
Single Family Housing	Days/Year	—	82	0
Single Family Housing	Wood Mass	lb/year	3,078	0
Single Family Housing	Conventional Wood Stoves	—	14	0
Single Family Housing	Catalytic Wood Stoves	—	14	0
Single Family Housing	Non-Catalytic Wood Stoves	—	14	0
Single Family Housing	Days/Year	—	82	0
Single Family Housing	Wood Mass	lb/year	3,019	0
Apartments Mid Rise	Gas Fireplaces	—	67	0
Apartments Mid Rise	No Fireplaces	—	156	0
Apartments High Rise	Gas Fireplaces	—	236	0
Apartments High Rise	No Fireplaces	—	551	0

2045 Auburn GPU - Unincorporated Detailed Report

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1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	2045 Auburn GPU - Unincorporated
Operational Year	2045
Lead Agency	—
Land Use Scale	Plan/community
Analysis Level for Defaults	County
Windspeed (m/s)	2.30000
Precipitation (days)	32.4000
Location	Auburn, CA, USA
County	Placer-Sacramento
City	Auburn
Air District	Placer County APCD
Air Basin	Sacramento Valley
TAZ	435
EDFZ	4
Electric Utility	Pacific Gas & Electric Company
Gas Utility	Pacific Gas & Electric
App Version	2022.1.1.43

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
Single Family Housing	208.000	Dwelling Unit	67.5325	405,600	2,436,274	—	543.000	—

Apartments Mid Rise	57.0000	Dwelling Unit	1.50000	54,720.0	0.00000	—	149.000	—
Apartments High Rise	1,001.00	Dwelling Unit	16.1452	960,960	0.00000	—	2,613.00	—
General Office Building	698.245	1000sqft	16.0295	698,245	0.00000	—	—	—
General Heavy Industry	583.450	1000sqft	13.3942	583,450	0.00000	—	—	—
Hotel	171.000	Room	5.70000	248,292	0.00000	—	—	—
Government (Civic Center)	15.0000	1000sqft	0.34435	15,000.0	0.00000	—	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Transportation	T-30*	Use Cleaner-Fuel Vehicles
Transportation	T-34*	Provide Bike Parking
Transportation	T-35*	Provide Tra c Calming Measures
Transportation	T-37*	Dedicate Land for Bike Trails
Transportation	T-43*	Provide Real-Time Transit Information
Transportation	T-50*	Required Project Contributions to Transportation Infrastructure Improvement
Energy	E-1	Buildings Exceed 2019 Title 24 Building Envelope Energy Efficiency Standards
Energy	E-12-A	Install Alternative Type of Water Heater in Place of Gas Storage Tank Heater in Residences
Energy	E-12-B	Install Electric Space Heater in Place of Natural Gas Heaters in Residences

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

2. Emissions Summary

2.3. 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.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	856.751	792.833	519.693	8,388.34	22.2719	10.0500	2,320.29	2,330.34	9.49874	588.848	598.347	1,913.35	2,291,441	2,293,355	252.043	76.9278	1,111.03	2,323,691
Mit.	856.360	792.638	516.230	8,386.03	22.2506	9.77982	2,320.29	2,330.07	9.22856	588.848	598.076	1,913.35	2,285,766	2,287,680	251.436	76.8917	1,111.03	2,317,990
% Reduced	< 0.5%	< 0.5%	1%	< 0.5%	< 0.5%	3%	—	< 0.5%	3%	—	< 0.5%	—	< 0.5%	< 0.5%	< 0.5%	< 0.5%	—	< 0.5%
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	778.648	716.508	614.721	6,480.87	20.1870	9.90244	2,320.29	2,330.19	9.38793	588.848	598.236	1,913.35	2,080,807	2,082,720	256.181	84.0859	565.827	2,114,748
Mit.	778.257	716.313	611.258	6,478.56	20.1656	9.63227	2,320.29	2,329.92	9.11776	588.848	597.966	1,913.35	2,075,131	2,077,045	255.573	84.0498	565.827	2,109,047
% Reduced	< 0.5%	< 0.5%	1%	< 0.5%	< 0.5%	3%	—	< 0.5%	3%	—	< 0.5%	—	< 0.5%	< 0.5%	< 0.5%	< 0.5%	—	< 0.5%
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	792.011	729.314	573.190	6,714.30	20.6244	9.97487	2,272.09	2,282.07	9.44225	576.798	586.240	1,913.35	2,124,927	2,126,841	253.900	80.7074	792.996	2,158,032
Mit.	791.620	729.118	569.728	6,711.99	20.6031	9.70469	2,272.09	2,281.80	9.17207	576.798	585.970	1,913.35	2,119,252	2,121,165	253.292	80.6713	792.996	2,152,331
% Reduced	< 0.5%	< 0.5%	1%	< 0.5%	< 0.5%	3%	—	< 0.5%	3%	—	< 0.5%	—	< 0.5%	< 0.5%	< 0.5%	< 0.5%	—	< 0.5%
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	144.542	133.100	104.607	1,225.36	3.76396	1.82041	414.656	416.477	1.72321	105.266	106.989	316.777	351,806	352,123	42.0360	13.3620	131.289	357,287
Mit.	144.471	133.064	103.975	1,224.94	3.76007	1.77111	414.656	416.428	1.67390	105.266	106.939	316.777	350,866	351,183	41.9354	13.3560	131.289	356,343

% Reduced	< 0.5%	< 0.5%	1%	< 0.5%	< 0.5%	3%	—	< 0.5%	3%	—	< 0.5%	—	< 0.5%	< 0.5%	< 0.5%	< 0.5%	—	< 0.5%

2.4. 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	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	767.051	705.488	499.093	8,234.84	22.1465	8.40105	2,320.29	2,328.69	7.88671	588.848	596.735	—	2,250,670	2,250,670	54.4639	75.1125	559.720	2,274,975
Area	87.5327	86.2611	1.22848	139.383	0.00712	0.15146	—	0.15146	0.11454	—	0.11454	0.00000	468.352	468.352	0.01962	0.00396	—	470.024
Energy	2.16743	1.08371	19.3712	14.1116	0.11822	1.49750	—	1.49750	1.49750	—	1.49750	—	39,733.4	39,733.4	4.70521	0.36240	—	39,959.0
Water	—	—	—	—	—	—	—	—	—	—	—	590.107	569.861	1,159.97	60.6009	1.44884	—	3,106.74
Waste	—	—	—	—	—	—	—	—	—	—	—	1,323.24	0.00000	1,323.24	132.253	0.00000	—	4,629.58
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	551.311	551.311
Total	856.751	792.833	519.693	8,388.34	22.2719	10.0500	2,320.29	2,330.34	9.49874	588.848	598.347	1,913.35	2,291,441	2,293,355	252.043	76.9278	1,111.03	2,323,691
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	707.503	646.447	595.350	6,466.76	20.0687	8.40495	2,320.29	2,328.70	7.89044	588.848	596.738	—	2,040,503	2,040,503	58.6213	82.2747	14.5156	2,066,501
Area	68.9778	68.9778	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Energy	2.16743	1.08371	19.3712	14.1116	0.11822	1.49750	—	1.49750	1.49750	—	1.49750	—	39,733.4	39,733.4	4.70521	0.36240	—	39,959.0
Water	—	—	—	—	—	—	—	—	—	—	—	590.107	569.861	1,159.97	60.6009	1.44884	—	3,106.74
Waste	—	—	—	—	—	—	—	—	—	—	—	1,323.24	0.00000	1,323.24	132.253	0.00000	—	4,629.58
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	551.311	551.311
Total	778.648	716.508	614.721	6,480.87	20.1870	9.90244	2,320.29	2,330.19	9.38793	588.848	598.236	1,913.35	2,080,807	2,082,720	256.181	84.0859	565.827	2,114,748
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Mobile	711.715	650.729	553.213	6,631.46	20.5027	8.40268	2,272.09	2,280.49	7.88827	576.798	584.686	—	2,084,39	2,084,39	56.3305	78.8942	241.684	2,109,55
Area	78.1281	77.5010	0.60583	68.7368	0.00351	0.07469	—	0.07469	0.05648	—	0.05648	0.00000	230.968	230.968	0.00967	0.00195	—	231.792
Energy	2.16743	1.08371	19.3712	14.1116	0.11822	1.49750	—	1.49750	1.49750	—	1.49750	—	39,733.4	39,733.4	4.70521	0.36240	—	39,959.0
Water	—	—	—	—	—	—	—	—	—	—	—	590.107	569.861	1,159.97	60.6009	1.44884	—	3,106.74
Waste	—	—	—	—	—	—	—	—	—	—	—	1,323.24	0.00000	1,323.24	132.253	0.00000	—	4,629.58
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	551.311	551.311
Total	792.011	729.314	573.190	6,714.30	20.6244	9.97487	2,272.09	2,282.07	9.44225	576.798	586.240	1,913.35	2,124,927	2,126,841	253.900	80.7074	792.996	2,158,032
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	129.888	118.758	100.961	1,210.24	3.74174	1.53349	414.656	416.190	1.43961	105.266	106.705	—	345,095	345,095	9.32615	13.0618	40.0136	349,261
Area	14.2584	14.1439	0.11056	12.5445	0.00064	0.01363	—	0.01363	0.01031	—	0.01031	0.00000	38.2394	38.2394	0.00160	0.00032	—	38.3759
Energy	0.39556	0.19778	3.53524	2.57536	0.02158	0.27329	—	0.27329	0.27329	—	0.27329	—	6,578.31	6,578.31	0.77900	0.06000	—	6,615.67
Water	—	—	—	—	—	—	—	—	—	—	—	97.6989	94.3470	192.046	10.0332	0.23987	—	514.357
Waste	—	—	—	—	—	—	—	—	—	—	—	219.078	0.00000	219.078	21.8961	0.00000	—	766.479
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	91.2759	91.2759
Total	144.542	133.100	104.607	1,225.36	3.76396	1.82041	414.656	416.477	1.72321	105.266	106.989	316.777	351,806	352,123	42.0360	13.3620	131.289	357,287

2.5. 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	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	767.051	705.488	499.093	8,234.84	22.1465	8.40105	2,320.29	2,328.69	7.88671	588.848	596.735	—	2,250,670	2,250,670	54.4639	75.1125	559.720	2,274,975
Area	87.5327	86.2611	1.22848	139.383	0.00712	0.15146	—	0.15146	0.11454	—	0.11454	0.00000	468.352	468.352	0.01962	0.00396	—	470.024
Energy	1.77638	0.88819	15.9084	11.8010	0.09689	1.22732	—	1.22732	1.22732	—	1.22732	—	34,058.2	34,058.2	4.09792	0.32630	—	34,257.9
Water	—	—	—	—	—	—	—	—	—	—	—	590.107	569.861	1,159.97	60.6009	1.44884	—	3,106.74
Waste	—	—	—	—	—	—	—	—	—	—	—	1,323.24	0.00000	1,323.24	132.253	0.00000	—	4,629.58

Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	551.311	551.311
Total	856.360	792.638	516.230	8,386.03	22.2506	9.77982	2,320.29	2,330.07	9.22856	588.848	598.076	1,913.35	2,285,766	2,287,680	251.436	76.8917	1,111.03	2,317,990
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	707.503	646.447	595.350	6,466.76	20.0687	8.40495	2,320.29	2,328.70	7.89044	588.848	596.738	—	2,040,503	2,040,503	58.6213	82.2747	14.5156	2,066,501
Area	68.9778	68.9778	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Energy	1.77638	0.88819	15.9084	11.8010	0.09689	1.22732	—	1.22732	1.22732	—	1.22732	—	34,058.2	34,058.2	4.09792	0.32630	—	34,257.9
Water	—	—	—	—	—	—	—	—	—	—	—	590.107	569.861	1,159.97	60.6009	1.44884	—	3,106.74
Waste	—	—	—	—	—	—	—	—	—	—	—	1,323.24	0.00000	1,323.24	132.253	0.00000	—	4,629.58
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	551.311	551.311
Total	778.257	716.313	611.258	6,478.56	20.1656	9.63227	2,320.29	2,329.92	9.11776	588.848	597.966	1,913.35	2,075,131	2,077,045	255.573	84.0498	565.827	2,109,047
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	711.715	650.729	553.213	6,631.46	20.5027	8.40268	2,272.09	2,280.49	7.88827	576.798	584.686	—	2,084,393	2,084,393	56.3305	78.8942	241.684	2,109,553
Area	78.1281	77.5010	0.60583	68.7368	0.00351	0.07469	—	0.07469	0.05648	—	0.05648	0.00000	230.968	230.968	0.00967	0.00195	—	231.792
Energy	1.77638	0.88819	15.9084	11.8010	0.09689	1.22732	—	1.22732	1.22732	—	1.22732	—	34,058.2	34,058.2	4.09792	0.32630	—	34,257.9
Water	—	—	—	—	—	—	—	—	—	—	—	590.107	569.861	1,159.97	60.6009	1.44884	—	3,106.74
Waste	—	—	—	—	—	—	—	—	—	—	—	1,323.24	0.00000	1,323.24	132.253	0.00000	—	4,629.58
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	551.311	551.311
Total	791.620	729.118	569.728	6,711.99	20.6031	9.70469	2,272.09	2,281.80	9.17207	576.798	585.970	1,913.35	2,119,252	2,121,165	253.292	80.6713	792.996	2,152,331
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	129.888	118.758	100.961	1,210.24	3.74174	1.53349	414.656	416.190	1.43961	105.266	106.705	—	345,095	345,095	9.32615	13.0618	40.0136	349,261
Area	14.2584	14.1439	0.11056	12.5445	0.00064	0.01363	—	0.01363	0.01031	—	0.01031	0.00000	38.2394	38.2394	0.00160	0.00032	—	38.3759
Energy	0.32419	0.16209	2.90327	2.15368	0.01768	0.22399	—	0.22399	0.22399	—	0.22399	—	5,638.73	5,638.73	0.67846	0.05402	—	5,671.79
Water	—	—	—	—	—	—	—	—	—	—	—	97.6989	94.3470	192.046	10.0332	0.23987	—	514.357

Waste	—	—	—	—	—	—	—	—	—	—	—	219.078	0.00000	219.078	21.8961	0.00000	—	766.479
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	91.2759	91.2759
Total	144.471	133.064	103.975	1,224.94	3.76007	1.77111	414.656	416.428	1.67390	105.266	106.939	316.777	350,866	351,183	41.9354	13.3560	131.289	356,343

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

Mobile source emissions results are presented in Sections 2.6. No further detailed breakdown of emissions is available.

4.1.2. Mitigated

Mobile source emissions results are presented in Sections 2.5. No further detailed breakdown of emissions is available.

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	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	991.049	991.049	0.16033	0.01943	—	1,000.85
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	—	143.914	143.914	0.02328	0.00282	—	145.337
Apartments High Rise	—	—	—	—	—	—	—	—	—	—	—	—	2,527.34	2,527.34	0.40887	0.04956	—	2,552.33

General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	8,167.03	8,167.03	1.32125	0.16015	—	8,247.79
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	—	3,368.24	3,368.24	0.54491	0.06605	—	3,401.55
Hotel	—	—	—	—	—	—	—	—	—	—	—	—	850.328	850.328	0.13756	0.01667	—	858.736
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	175.448	175.448	0.02838	0.00344	—	177.183
Total	—	—	—	—	—	—	—	—	—	—	—	—	16,223.4	16,223.4	2.62458	0.31813	—	16,383.8
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	991.049	991.049	0.16033	0.01943	—	1,000.85
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	—	143.914	143.914	0.02328	0.00282	—	145.337
Apartments High Rise	—	—	—	—	—	—	—	—	—	—	—	—	2,527.34	2,527.34	0.40887	0.04956	—	2,552.33
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	8,167.03	8,167.03	1.32125	0.16015	—	8,247.79
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	—	3,368.24	3,368.24	0.54491	0.06605	—	3,401.55
Hotel	—	—	—	—	—	—	—	—	—	—	—	—	850.328	850.328	0.13756	0.01667	—	858.736
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	175.448	175.448	0.02838	0.00344	—	177.183
Total	—	—	—	—	—	—	—	—	—	—	—	—	16,223.4	16,223.4	2.62458	0.31813	—	16,383.8

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	164.079	164.079	0.02654	0.00322	—	165.702
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	—	23.8267	23.8267	0.00385	0.00047	—	24.0623
Apartments High Rise	—	—	—	—	—	—	—	—	—	—	—	—	418.430	418.430	0.06769	0.00821	—	422.567
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	1,352.15	1,352.15	0.21875	0.02651	—	1,365.52
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	—	557.651	557.651	0.09022	0.01094	—	563.165
Hotel	—	—	—	—	—	—	—	—	—	—	—	—	140.781	140.781	0.02278	0.00276	—	142.174
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	29.0474	29.0474	0.00470	0.00057	—	29.3346
Total	—	—	—	—	—	—	—	—	—	—	—	—	2,685.96	2,685.96	0.43453	0.05267	—	2,712.52

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	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	971.989	971.989	0.15725	0.01906	—	981.601

Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	—	140.146	140.146	0.02267	0.00275	—	141.531
Apartments High Rise	—	—	—	—	—	—	—	—	—	—	—	—	2,439.96	2,439.96	0.39473	0.04785	—	2,464.09
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	7,106.47	7,106.47	1.14967	0.13935	—	7,176.74
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	—	3,185.71	3,185.71	0.51538	0.06247	—	3,217.21
Hotel	—	—	—	—	—	—	—	—	—	—	—	—	792.942	792.942	0.12828	0.01555	—	800.783
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	152.664	152.664	0.02470	0.00299	—	154.174
Total	—	—	—	—	—	—	—	—	—	—	—	—	14,789.9	14,789.9	2.39268	0.29002	—	14,936.1
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	971.989	971.989	0.15725	0.01906	—	981.601
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	—	140.146	140.146	0.02267	0.00275	—	141.531
Apartments High Rise	—	—	—	—	—	—	—	—	—	—	—	—	2,439.96	2,439.96	0.39473	0.04785	—	2,464.09
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	7,106.47	7,106.47	1.14967	0.13935	—	7,176.74
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	—	3,185.71	3,185.71	0.51538	0.06247	—	3,217.21

Hotel	—	—	—	—	—	—	—	—	—	—	—	—	792.942	792.942	0.12828	0.01555	—	800.783
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	152.664	152.664	0.02470	0.00299	—	154.174
Total	—	—	—	—	—	—	—	—	—	—	—	—	14,789.9	14,789.9	2.39268	0.29002	—	14,936.1
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	160.924	160.924	0.02603	0.00316	—	162.515
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	—	23.2027	23.2027	0.00375	0.00045	—	23.4321
Apartments High Rise	—	—	—	—	—	—	—	—	—	—	—	—	403.963	403.963	0.06535	0.00792	—	407.957
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	1,176.56	1,176.56	0.19034	0.02307	—	1,188.19
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	—	527.430	527.430	0.08533	0.01034	—	532.646
Hotel	—	—	—	—	—	—	—	—	—	—	—	—	131.281	131.281	0.02124	0.00257	—	132.579
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	25.2753	25.2753	0.00409	0.00050	—	25.5252
Total	—	—	—	—	—	—	—	—	—	—	—	—	2,448.63	2,448.63	0.39614	0.04802	—	2,472.85

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

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	0.17878	0.08939	1.52771	0.65009	0.00975	0.12352	—	0.12352	0.12352	—	0.12352	—	1,939.17	1,939.17	0.17162	0.00365	—	1,944.55
Apartments Mid Rise	0.02323	0.01161	0.19850	0.08447	0.00127	0.01605	—	0.01605	0.01605	—	0.01605	—	251.957	251.957	0.02230	0.00047	—	252.655
Apartments High Rise	0.40792	0.20396	3.48587	1.48335	0.02225	0.28184	—	0.28184	0.28184	—	0.28184	—	4,424.71	4,424.71	0.39158	0.00833	—	4,436.98
General Office Building	0.59558	0.29779	5.41436	4.54806	0.03249	0.41149	—	0.41149	0.41149	—	0.41149	—	6,460.23	6,460.23	0.57173	0.01216	—	6,478.15
General Heavy Industry	0.71469	0.35735	6.49719	5.45764	0.03898	0.49379	—	0.49379	0.49379	—	0.49379	—	7,752.23	7,752.23	0.68607	0.01460	—	7,773.73
Hotel	0.23444	0.11722	2.13126	1.79025	0.01279	0.16198	—	0.16198	0.16198	—	0.16198	—	2,542.94	2,542.94	0.22505	0.00479	—	2,550.00
Government (Civic Center)	0.01279	0.00640	0.11631	0.09770	0.00070	0.00884	—	0.00884	0.00884	—	0.00884	—	138.781	138.781	0.01228	0.00026	—	139.166
Total	2.16743	1.08371	19.3712	14.1116	0.11822	1.49750	—	1.49750	1.49750	—	1.49750	—	23,510.0	23,510.0	2.08063	0.04427	—	23,575.2
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	0.17878	0.08939	1.52771	0.65009	0.00975	0.12352	—	0.12352	0.12352	—	0.12352	—	1,939.17	1,939.17	0.17162	0.00365	—	1,944.55
Apartments Mid Rise	0.02323	0.01161	0.19850	0.08447	0.00127	0.01605	—	0.01605	0.01605	—	0.01605	—	251.957	251.957	0.02230	0.00047	—	252.655
Apartments High Rise	0.40792	0.20396	3.48587	1.48335	0.02225	0.28184	—	0.28184	0.28184	—	0.28184	—	4,424.71	4,424.71	0.39158	0.00833	—	4,436.98

General Office Building	0.59558	0.29779	5.41436	4.54806	0.03249	0.41149	—	0.41149	0.41149	—	0.41149	—	6,460.23	6,460.23	0.57173	0.01216	—	6,478.15
General Heavy Industry	0.71469	0.35735	6.49719	5.45764	0.03898	0.49379	—	0.49379	0.49379	—	0.49379	—	7,752.23	7,752.23	0.68607	0.01460	—	7,773.73
Hotel	0.23444	0.11722	2.13126	1.79025	0.01279	0.16198	—	0.16198	0.16198	—	0.16198	—	2,542.94	2,542.94	0.22505	0.00479	—	2,550.00
Government (Civic Center)	0.01279	0.00640	0.11631	0.09770	0.00070	0.00884	—	0.00884	0.00884	—	0.00884	—	138.781	138.781	0.01228	0.00026	—	139.166
Total	2.16743	1.08371	19.3712	14.1116	0.11822	1.49750	—	1.49750	1.49750	—	1.49750	—	23,510.0	23,510.0	2.08063	0.04427	—	23,575.2
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	0.03263	0.01631	0.27881	0.11864	0.00178	0.02254	—	0.02254	0.02254	—	0.02254	—	321.051	321.051	0.02841	0.00060	—	321.942
Apartments Mid Rise	0.00424	0.00212	0.03623	0.01542	0.00023	0.00293	—	0.00293	0.00293	—	0.00293	—	41.7143	41.7143	0.00369	0.00008	—	41.8300
Apartments High Rise	0.07445	0.03722	0.63617	0.27071	0.00406	0.05144	—	0.05144	0.05144	—	0.05144	—	732.561	732.561	0.06483	0.00138	—	734.593
General Office Building	0.10869	0.05435	0.98812	0.83002	0.00593	0.07510	—	0.07510	0.07510	—	0.07510	—	1,069.56	1,069.56	0.09466	0.00201	—	1,072.53
General Heavy Industry	0.13043	0.06522	1.18574	0.99602	0.00711	0.09012	—	0.09012	0.09012	—	0.09012	—	1,283.47	1,283.47	0.11359	0.00242	—	1,287.03
Hotel	0.04278	0.02139	0.38895	0.32672	0.00233	0.02956	—	0.02956	0.02956	—	0.02956	—	421.013	421.013	0.03726	0.00079	—	422.181
Government (Civic Center)	0.00233	0.00117	0.02123	0.01783	0.00013	0.00161	—	0.00161	0.00161	—	0.00161	—	22.9769	22.9769	0.00203	0.00004	—	23.0406
Total	0.39556	0.19778	3.53524	2.57536	0.02158	0.27329	—	0.27329	0.27329	—	0.27329	—	3,892.35	3,892.35	0.34447	0.00733	—	3,903.15

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	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	0.12982	0.06491	1.10941	0.47209	0.00708	0.08970	—	0.08970	0.08970	—	0.08970	—	1,408.20	1,408.20	0.12463	0.00265	—	1,412.11
Apartments Mid Rise	0.01642	0.00821	0.14030	0.05970	0.00090	0.01134	—	0.01134	0.01134	—	0.01134	—	178.085	178.085	0.01576	0.00034	—	178.579
Apartments High Rise	0.29479	0.14739	2.51911	1.07196	0.01608	0.20367	—	0.20367	0.20367	—	0.20367	—	3,197.57	3,197.57	0.28298	0.00602	—	3,206.44
General Office Building	0.47184	0.23592	4.28944	3.60313	0.02574	0.32600	—	0.32600	0.32600	—	0.32600	—	5,118.01	5,118.01	0.45294	0.00964	—	5,132.21
General Heavy Industry	0.67872	0.33936	6.17020	5.18297	0.03702	0.46894	—	0.46894	0.46894	—	0.46894	—	7,362.08	7,362.08	0.65154	0.01386	—	7,382.50
Hotel	0.17465	0.08733	1.58775	1.33371	0.00953	0.12067	—	0.12067	0.12067	—	0.12067	—	1,894.45	1,894.45	0.16766	0.00357	—	1,899.70
Government (Civic Center)	0.01014	0.00507	0.09215	0.07740	0.00055	0.00700	—	0.00700	0.00700	—	0.00700	—	109.947	109.947	0.00973	0.00021	—	110.252
Total	1.77638	0.88819	15.9084	11.8010	0.09689	1.22732	—	1.22732	1.22732	—	1.22732	—	19,268.3	19,268.3	1.70524	0.03628	—	19,321.8
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	0.12982	0.06491	1.10941	0.47209	0.00708	0.08970	—	0.08970	0.08970	—	0.08970	—	1,408.20	1,408.20	0.12463	0.00265	—	1,412.11

Apartments	0.01642	0.00821	0.14030	0.05970	0.00090	0.01134	—	0.01134	0.01134	—	0.01134	—	178.085	178.085	0.01576	0.00034	—	178.579
Apartments High Rise	0.29479	0.14739	2.51911	1.07196	0.01608	0.20367	—	0.20367	0.20367	—	0.20367	—	3,197.57	3,197.57	0.28298	0.00602	—	3,206.44
General Office Building	0.47184	0.23592	4.28944	3.60313	0.02574	0.32600	—	0.32600	0.32600	—	0.32600	—	5,118.01	5,118.01	0.45294	0.00964	—	5,132.21
General Heavy Industry	0.67872	0.33936	6.17020	5.18297	0.03702	0.46894	—	0.46894	0.46894	—	0.46894	—	7,362.08	7,362.08	0.65154	0.01386	—	7,382.50
Hotel	0.17465	0.08733	1.58775	1.33371	0.00953	0.12067	—	0.12067	0.12067	—	0.12067	—	1,894.45	1,894.45	0.16766	0.00357	—	1,899.70
Government (Civic Center)	0.01014	0.00507	0.09215	0.07740	0.00055	0.00700	—	0.00700	0.00700	—	0.00700	—	109.947	109.947	0.00973	0.00021	—	110.252
Total	1.77638	0.88819	15.9084	11.8010	0.09689	1.22732	—	1.22732	1.22732	—	1.22732	—	19,268.3	19,268.3	1.70524	0.03628	—	19,321.8
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	0.02369	0.01185	0.20247	0.08616	0.00129	0.01637	—	0.01637	0.01637	—	0.01637	—	233.144	233.144	0.02063	0.00044	—	233.791
Apartments Mid Rise	0.00300	0.00150	0.02560	0.01090	0.00016	0.00207	—	0.00207	0.00207	—	0.00207	—	29.4839	29.4839	0.00261	0.00006	—	29.5657
Apartments High Rise	0.05380	0.02690	0.45974	0.19563	0.00293	0.03717	—	0.03717	0.03717	—	0.03717	—	529.394	529.394	0.04685	0.00100	—	530.862
General Office Building	0.08611	0.04306	0.78282	0.65757	0.00470	0.05949	—	0.05949	0.05949	—	0.05949	—	847.346	847.346	0.07499	0.00160	—	849.696
General Heavy Industry	0.12387	0.06193	1.12606	0.94589	0.00676	0.08558	—	0.08558	0.08558	—	0.08558	—	1,218.88	1,218.88	0.10787	0.00230	—	1,222.26
Hotel	0.03187	0.01594	0.28976	0.24340	0.00174	0.02202	—	0.02202	0.02202	—	0.02202	—	313.648	313.648	0.02776	0.00059	—	314.517

Government	0.00185	0.00092	0.01682	0.01413	0.00010	0.00128	—	0.00128	0.00128	—	0.00128	—	18.2030	18.2030	0.00161	0.00003	—	18.2535
Total	0.32419	0.16209	2.90327	2.15368	0.01768	0.22399	—	0.22399	0.22399	—	0.22399	—	3,190.09	3,190.09	0.28232	0.00601	—	3,198.94

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	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Consumer Products	63.4781	63.4781	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	5.49964	5.49964	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	18.5550	17.2834	1.22848	139.383	0.00712	0.15146	—	0.15146	0.11454	—	0.11454	—	468.352	468.352	0.01962	0.00396	—	470.024
Total	87.5327	86.2611	1.22848	139.383	0.00712	0.15146	—	0.15146	0.11454	—	0.11454	0.00000	468.352	468.352	0.01962	0.00396	—	470.024
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Consumer Products	63.4781	63.4781	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Architectural	5.49964	5.49964	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	68.9778	68.9778	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Consumer Products	11.5848	11.5848	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	1.00368	1.00368	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	1.66995	1.55550	0.11056	12.5445	0.00064	0.01363	—	0.01363	0.01031	—	0.01031	—	38.2394	38.2394	0.00160	0.00032	—	38.3759
Total	14.2584	14.1439	0.11056	12.5445	0.00064	0.01363	—	0.01363	0.01031	—	0.01031	0.00000	38.2394	38.2394	0.00160	0.00032	—	38.3759

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	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Consumer Products	63.4781	63.4781	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	5.49964	5.49964	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Landscape	18.5550	17.2834	1.22848	139.383	0.00712	0.15146	—	0.15146	0.11454	—	0.11454	—	468.352	468.352	0.01962	0.00396	—	470.024
Total	87.5327	86.2611	1.22848	139.383	0.00712	0.15146	—	0.15146	0.11454	—	0.11454	0.00000	468.352	468.352	0.01962	0.00396	—	470.024
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Consumer Products	63.4781	63.4781	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	5.49964	5.49964	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	68.9778	68.9778	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Consumer Products	11.5848	11.5848	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	1.00368	1.00368	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	1.66995	1.55550	0.11056	12.5445	0.00064	0.01363	—	0.01363	0.01031	—	0.01031	—	38.2394	38.2394	0.00160	0.00032	—	38.3759
Total	14.2584	14.1439	0.11056	12.5445	0.00064	0.01363	—	0.01363	0.01031	—	0.01031	0.00000	38.2394	38.2394	0.00160	0.00032	—	38.3759

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	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	13.0998	42.8369	55.9367	1.35016	0.03275	—	99.4518
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	3.58985	3.27888	6.86873	0.36863	0.00881	—	18.7099
Apartments High Rise	—	—	—	—	—	—	—	—	—	—	—	63.0428	57.5818	120.625	6.47363	0.15472	—	328.572
General Office Building	—	—	—	—	—	—	—	—	—	—	—	237.808	217.208	455.016	24.4196	0.58363	—	1,239.43
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	258.544	236.148	494.692	26.5489	0.63452	—	1,347.50
Hotel	—	—	—	—	—	—	—	—	—	—	—	8.31209	7.59206	15.9042	0.85354	0.02040	—	43.3216
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	5.71018	5.21554	10.9257	0.58636	0.01401	—	29.7608
Total	—	—	—	—	—	—	—	—	—	—	—	590.107	569.861	1,159.97	60.6009	1.44884	—	3,106.74
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	13.0998	42.8369	55.9367	1.35016	0.03275	—	99.4518
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	3.58985	3.27888	6.86873	0.36863	0.00881	—	18.7099

Apartme High Rise	—	—	—	—	—	—	—	—	—	—	—	63.0428	57.5818	120.625	6.47363	0.15472	—	328.572
General Office Building	—	—	—	—	—	—	—	—	—	—	—	237.808	217.208	455.016	24.4196	0.58363	—	1,239.43
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	258.544	236.148	494.692	26.5489	0.63452	—	1,347.50
Hotel	—	—	—	—	—	—	—	—	—	—	—	8.31209	7.59206	15.9042	0.85354	0.02040	—	43.3216
Govern ment (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	5.71018	5.21554	10.9257	0.58636	0.01401	—	29.7608
Total	—	—	—	—	—	—	—	—	—	—	—	590.107	569.861	1,159.97	60.6009	1.44884	—	3,106.74
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	2.16882	7.09214	9.26097	0.22354	0.00542	—	16.4654
Apartme nts Mid Rise	—	—	—	—	—	—	—	—	—	—	—	0.59434	0.54286	1.13720	0.06103	0.00146	—	3.09763
Apartme nts High Rise	—	—	—	—	—	—	—	—	—	—	—	10.4375	9.53332	19.9708	1.07178	0.02562	—	54.3988
General Office Building	—	—	—	—	—	—	—	—	—	—	—	39.3718	35.9613	75.3331	4.04295	0.09663	—	205.201
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	42.8049	39.0970	81.9019	4.39548	0.10505	—	223.094
Hotel	—	—	—	—	—	—	—	—	—	—	—	1.37616	1.25695	2.63311	0.14131	0.00338	—	7.17239
Govern ment (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	0.94539	0.86349	1.80888	0.09708	0.00232	—	4.92724

Total	—	—	—	—	—	—	—	—	—	—	—	97.6989	94.3470	192.046	10.0332	0.23987	—	514.357

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	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	13.0998	42.8369	55.9367	1.35016	0.03275	—	99.4518
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	3.58985	3.27888	6.86873	0.36863	0.00881	—	18.7099
Apartments High Rise	—	—	—	—	—	—	—	—	—	—	—	63.0428	57.5818	120.625	6.47363	0.15472	—	328.572
General Office Building	—	—	—	—	—	—	—	—	—	—	—	237.808	217.208	455.016	24.4196	0.58363	—	1,239.43
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	258.544	236.148	494.692	26.5489	0.63452	—	1,347.50
Hotel	—	—	—	—	—	—	—	—	—	—	—	8.31209	7.59206	15.9042	0.85354	0.02040	—	43.3216
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	5.71018	5.21554	10.9257	0.58636	0.01401	—	29.7608
Total	—	—	—	—	—	—	—	—	—	—	—	590.107	569.861	1,159.97	60.6009	1.44884	—	3,106.74
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	13.0998	42.8369	55.9367	1.35016	0.03275	—	99.4518
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	3.58985	3.27888	6.86873	0.36863	0.00881	—	18.7099
Apartments High Rise	—	—	—	—	—	—	—	—	—	—	—	63.0428	57.5818	120.625	6.47363	0.15472	—	328.572
General Office Building	—	—	—	—	—	—	—	—	—	—	—	237.808	217.208	455.016	24.4196	0.58363	—	1,239.43
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	258.544	236.148	494.692	26.5489	0.63452	—	1,347.50
Hotel	—	—	—	—	—	—	—	—	—	—	—	8.31209	7.59206	15.9042	0.85354	0.02040	—	43.3216
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	5.71018	5.21554	10.9257	0.58636	0.01401	—	29.7608
Total	—	—	—	—	—	—	—	—	—	—	—	590.107	569.861	1,159.97	60.6009	1.44884	—	3,106.74
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	2.16882	7.09214	9.26097	0.22354	0.00542	—	16.4654
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	0.59434	0.54286	1.13720	0.06103	0.00146	—	3.09763
Apartments High Rise	—	—	—	—	—	—	—	—	—	—	—	10.4375	9.53332	19.9708	1.07178	0.02562	—	54.3988
General Office Building	—	—	—	—	—	—	—	—	—	—	—	39.3718	35.9613	75.3331	4.04295	0.09663	—	205.201

General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	42.8049	39.0970	81.9019	4.39548	0.10505	—	223.094
Hotel	—	—	—	—	—	—	—	—	—	—	—	1.37616	1.25695	2.63311	0.14131	0.00338	—	7.17239
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	0.94539	0.86349	1.80888	0.09708	0.00232	—	4.92724
Total	—	—	—	—	—	—	—	—	—	—	—	97.6989	94.3470	192.046	10.0332	0.23987	—	514.357

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	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	65.0858	0.00000	65.0858	6.50509	0.00000	—	227.713
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	22.7514	0.00000	22.7514	2.27392	0.00000	—	79.5995
Apartments High Rise	—	—	—	—	—	—	—	—	—	—	—	398.990	0.00000	398.990	39.8776	0.00000	—	1,395.93
General Office Building	—	—	—	—	—	—	—	—	—	—	—	349.970	0.00000	349.970	34.9782	0.00000	—	1,224.42
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	389.910	0.00000	389.910	38.9701	0.00000	—	1,364.16

Hotel	—	—	—	—	—	—	—	—	—	—	—	50.4568	0.00000	50.4568	5.04298	0.00000	—	176.531
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	46.0793	0.00000	46.0793	4.60546	0.00000	—	161.216
Total	—	—	—	—	—	—	—	—	—	—	—	1,323.24	0.00000	1,323.24	132.253	0.00000	—	4,629.58
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	65.0858	0.00000	65.0858	6.50509	0.00000	—	227.713
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	22.7514	0.00000	22.7514	2.27392	0.00000	—	79.5995
Apartments High Rise	—	—	—	—	—	—	—	—	—	—	—	398.990	0.00000	398.990	39.8776	0.00000	—	1,395.93
General Office Building	—	—	—	—	—	—	—	—	—	—	—	349.970	0.00000	349.970	34.9782	0.00000	—	1,224.42
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	389.910	0.00000	389.910	38.9701	0.00000	—	1,364.16
Hotel	—	—	—	—	—	—	—	—	—	—	—	50.4568	0.00000	50.4568	5.04298	0.00000	—	176.531
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	46.0793	0.00000	46.0793	4.60546	0.00000	—	161.216
Total	—	—	—	—	—	—	—	—	—	—	—	1,323.24	0.00000	1,323.24	132.253	0.00000	—	4,629.58
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	10.7757	0.00000	10.7757	1.07699	0.00000	—	37.7005

Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	3.76676	0.00000	3.76676	0.37647	0.00000	—	13.1786
Apartments High Rise	—	—	—	—	—	—	—	—	—	—	—	66.0573	0.00000	66.0573	6.60219	0.00000	—	231.112
General Office Building	—	—	—	—	—	—	—	—	—	—	—	57.9414	0.00000	57.9414	5.79104	0.00000	—	202.717
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	64.5541	0.00000	64.5541	6.45195	0.00000	—	225.853
Hotel	—	—	—	—	—	—	—	—	—	—	—	8.35370	0.00000	8.35370	0.83492	0.00000	—	29.2268
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	7.62895	0.00000	7.62895	0.76249	0.00000	—	26.6911
Total	—	—	—	—	—	—	—	—	—	—	—	219.078	0.00000	219.078	21.8961	0.00000	—	766.479

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	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	65.0858	0.00000	65.0858	6.50509	0.00000	—	227.713
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	22.7514	0.00000	22.7514	2.27392	0.00000	—	79.5995

Apartments High Rise	—	—	—	—	—	—	—	—	—	—	—	398.990	0.00000	398.990	39.8776	0.00000	—	1,395.93
General Office Building	—	—	—	—	—	—	—	—	—	—	—	349.970	0.00000	349.970	34.9782	0.00000	—	1,224.42
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	389.910	0.00000	389.910	38.9701	0.00000	—	1,364.16
Hotel	—	—	—	—	—	—	—	—	—	—	—	50.4568	0.00000	50.4568	5.04298	0.00000	—	176.531
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	46.0793	0.00000	46.0793	4.60546	0.00000	—	161.216
Total	—	—	—	—	—	—	—	—	—	—	—	1,323.24	0.00000	1,323.24	132.253	0.00000	—	4,629.58
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	65.0858	0.00000	65.0858	6.50509	0.00000	—	227.713
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	22.7514	0.00000	22.7514	2.27392	0.00000	—	79.5995
Apartments High Rise	—	—	—	—	—	—	—	—	—	—	—	398.990	0.00000	398.990	39.8776	0.00000	—	1,395.93
General Office Building	—	—	—	—	—	—	—	—	—	—	—	349.970	0.00000	349.970	34.9782	0.00000	—	1,224.42
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	389.910	0.00000	389.910	38.9701	0.00000	—	1,364.16
Hotel	—	—	—	—	—	—	—	—	—	—	—	50.4568	0.00000	50.4568	5.04298	0.00000	—	176.531

Government	—	—	—	—	—	—	—	—	—	—	—	46.0793	0.00000	46.0793	4.60546	0.00000	—	161.216
Total	—	—	—	—	—	—	—	—	—	—	—	1,323.24	0.00000	1,323.24	132.253	0.00000	—	4,629.58
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	10.7757	0.00000	10.7757	1.07699	0.00000	—	37.7005
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	3.76676	0.00000	3.76676	0.37647	0.00000	—	13.1786
Apartments High Rise	—	—	—	—	—	—	—	—	—	—	—	66.0573	0.00000	66.0573	6.60219	0.00000	—	231.112
General Office Building	—	—	—	—	—	—	—	—	—	—	—	57.9414	0.00000	57.9414	5.79104	0.00000	—	202.717
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	64.5541	0.00000	64.5541	6.45195	0.00000	—	225.853
Hotel	—	—	—	—	—	—	—	—	—	—	—	8.35370	0.00000	8.35370	0.83492	0.00000	—	29.2268
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	7.62895	0.00000	7.62895	0.76249	0.00000	—	26.6911
Total	—	—	—	—	—	—	—	—	—	—	—	219.078	0.00000	219.078	21.8961	0.00000	—	766.479

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

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2.90491	2.90491
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.39190	0.39190
Apartments High Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	6.88240	6.88240
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.09054	1.09054
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	151.875	151.875
Hotel	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	388.144	388.144
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02343	0.02343
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	551.311	551.311
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2.90491	2.90491
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.39190	0.39190
Apartments High Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	6.88240	6.88240

General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.09054	1.09054
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	151.875	151.875
Hotel	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	388.144	388.144
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02343	0.02343
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	551.311	551.311
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.48094	0.48094
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.06488	0.06488
Apartments High Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.13946	1.13946
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.18055	0.18055
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	25.1446	25.1446
Hotel	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	64.2616	64.2616
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00388	0.00388
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	91.2759	91.2759

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	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2.90491	2.90491
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.39190	0.39190
Apartments High Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	6.88240	6.88240
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.09054	1.09054
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	151.875	151.875
Hotel	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	388.144	388.144
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02343	0.02343
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	551.311	551.311
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2.90491	2.90491

Apartments	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.39190	0.39190
Apartments High Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	6.88240	6.88240
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.09054	1.09054
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	151.875	151.875
Hotel	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	388.144	388.144
Government (Civic Center)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02343	0.02343
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	551.311	551.311
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.48094	0.48094
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.06488	0.06488
Apartments High Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.13946	1.13946
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.18055	0.18055
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	25.1446	25.1446
Hotel	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	64.2616	64.2616

Government	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00388	0.00388
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	91.2759	91.2759

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	TOG	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	TOG	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	TOG	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	TOG	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	TOG	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	TOG	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	TOG	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	TOG	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	TOG	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	TOG	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	TOG	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	TOG	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

5.9. 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

Total all Land Uses	265,091	265,091	265,091	96,758,215	3,278,814	3,278,814	3,278,814	1,196,767,110

5.9.2. Mitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Total all Land Uses	265,091	265,091	265,091	96,758,215	3,278,814	3,278,814	3,278,814	1,196,767,110

5.10. Operational Area Sources

5.10.1. Hearths

Land Use	Hearth Type	Unmitigated (number)	Mitigated (number)
Single Family Housing	Wood Fireplaces	0	0
Single Family Housing	Gas Fireplaces	104	104
Single Family Housing	Propane Fireplaces	0	0
Single Family Housing	Electric Fireplaces	0	0
Single Family Housing	No Fireplaces	73	73
Single Family Housing	Conventional Wood Stoves	0	0
Single Family Housing	Catalytic Wood Stoves	0	0
Single Family Housing	Non-Catalytic Wood Stoves	0	0
Single Family Housing	Pellet Wood Stoves	0	0
Apartments Mid Rise	Wood Fireplaces	0	0
Apartments Mid Rise	Gas Fireplaces	17	17
Apartments Mid Rise	Propane Fireplaces	0	0
Apartments Mid Rise	Electric Fireplaces	0	0
Apartments Mid Rise	No Fireplaces	40	40
Apartments Mid Rise	Conventional Wood Stoves	0	0
Apartments Mid Rise	Catalytic Wood Stoves	0	0
Apartments Mid Rise	Non-Catalytic Wood Stoves	0	0
Apartments Mid Rise	Pellet Wood Stoves	0	0

Apartments High Rise	Wood Fireplaces	0	0
Apartments High Rise	Gas Fireplaces	300	300
Apartments High Rise	Propane Fireplaces	0	0
Apartments High Rise	Electric Fireplaces	0	0
Apartments High Rise	No Fireplaces	701	701
Apartments High Rise	Conventional Wood Stoves	0	0
Apartments High Rise	Catalytic Wood Stoves	0	0
Apartments High Rise	Non-Catalytic Wood Stoves	0	0
Apartments High Rise	Pellet Wood Stoves	0	0
General Office Building	Wood Fireplaces	0	0
General Office Building	Gas Fireplaces	0	0
General Office Building	Propane Fireplaces	0	0
General Office Building	Electric Fireplaces	0	0
General Office Building	No Fireplaces	0	0
General Office Building	Conventional Wood Stoves	0	0
General Office Building	Catalytic Wood Stoves	0	0
General Office Building	Non-Catalytic Wood Stoves	0	0
General Office Building	Pellet Wood Stoves	0	0
General Heavy Industry	Wood Fireplaces	0	0
General Heavy Industry	Gas Fireplaces	0	0
General Heavy Industry	Propane Fireplaces	0	0
General Heavy Industry	Electric Fireplaces	0	0
General Heavy Industry	No Fireplaces	0	0
General Heavy Industry	Conventional Wood Stoves	0	0
General Heavy Industry	Catalytic Wood Stoves	0	0
General Heavy Industry	Non-Catalytic Wood Stoves	0	0
General Heavy Industry	Pellet Wood Stoves	0	0
Hotel	Wood Fireplaces	0	0

Hotel	Gas Fireplaces	0	0
Hotel	Propane Fireplaces	0	0
Hotel	Electric Fireplaces	0	0
Hotel	No Fireplaces	0	0
Hotel	Conventional Wood Stoves	0	0
Hotel	Catalytic Wood Stoves	0	0
Hotel	Non-Catalytic Wood Stoves	0	0
Hotel	Pellet Wood Stoves	0	0
Government (Civic Center)	Wood Fireplaces	0	0
Government (Civic Center)	Gas Fireplaces	0	0
Government (Civic Center)	Propane Fireplaces	0	0
Government (Civic Center)	Electric Fireplaces	0	0
Government (Civic Center)	No Fireplaces	0	0
Government (Civic Center)	Conventional Wood Stoves	0	0
Government (Civic Center)	Catalytic Wood Stoves	0	0
Government (Civic Center)	Non-Catalytic Wood Stoves	0	0
Government (Civic Center)	Pellet Wood Stoves	0	0

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)
2,878,092	959,364	2,317,481	772,494	—

5.10.3. Landscape Equipment

Season	Unit	Value
Snow Days	day/yr	0.00000
Summer Days	day/yr	180.000

5.10.4. Landscape Equipment - Mitigated

Season	Unit	Value
Snow Days	day/yr	0.00000
Summer Days	day/yr	180.000

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)
Single Family Housing	1,773,348	203.983	0.0330	0.0040	6,050,725
Apartments Mid Rise	257,515	203.983	0.0330	0.0040	786,172
Apartments High Rise	4,522,329	203.983	0.0330	0.0040	13,806,285
General Office Building	14,613,805	203.983	0.0330	0.0040	20,157,649
General Heavy Industry	6,027,014	203.983	0.0330	0.0040	24,189,025
Hotel	1,521,547	203.983	0.0330	0.0040	7,934,665
Government (Civic Center)	313,940	203.983	0.0330	0.0040	433,035

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)
Single Family Housing	1,739,244	203.983	0.0330	0.0040	4,393,971
Apartments Mid Rise	250,771	203.983	0.0330	0.0040	555,672
Apartments High Rise	4,365,976	203.983	0.0330	0.0040	9,977,274
General Office Building	12,716,074	203.983	0.0330	0.0040	15,969,576
General Heavy Industry	5,700,394	203.983	0.0330	0.0040	22,971,661
Hotel	1,418,863	203.983	0.0330	0.0040	5,911,186

Government (Civic Center)	273,172	203.983	0.0330	0.0040	343,065

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Single Family Housing	6,836,216	34,258,758
Apartments Mid Rise	1,873,386	0.00000
Apartments High Rise	32,899,291	0.00000
General Office Building	124,101,701	0.00000
General Heavy Industry	134,922,813	0.00000
Hotel	4,337,718	0.00000
Government (Civic Center)	2,979,895	0.00000

5.12.2. Mitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Single Family Housing	6,836,216	34,258,758
Apartments Mid Rise	1,873,386	0.00000
Apartments High Rise	32,899,291	0.00000
General Office Building	124,101,701	0.00000
General Heavy Industry	134,922,813	0.00000
Hotel	4,337,718	0.00000
Government (Civic Center)	2,979,895	0.00000

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)

Single Family Housing	120.767	0.00000
Apartments Mid Rise	42.2152	0.00000
Apartments High Rise	740.325	0.00000
General Office Building	649.368	0.00000
General Heavy Industry	723.478	0.00000
Hotel	93.6225	0.00000
Government (Civic Center)	85.5000	0.00000

5.13.2. Mitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Single Family Housing	120.767	0.00000
Apartments Mid Rise	42.2152	0.00000
Apartments High Rise	740.325	0.00000
General Office Building	649.368	0.00000
General Heavy Industry	723.478	0.00000
Hotel	93.6225	0.00000
Government (Civic Center)	85.5000	0.00000

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
Single Family Housing	Average room A/C & Other residential A/C and heat pumps	R-410A	2,088.00	0.00225	2.50000	2.50000	10.00000
Single Family Housing	Household refrigerators and/or freezers	R-134a	1,430.00	0.11538	0.60000	0.00000	1.000000

Apartments Mid Rise	Average room A/C & Other residential A/C and heat pumps	R-410A	2,088.00	0.00225	2.50000	2.50000	10.00000
Apartments Mid Rise	Household refrigerators and/or freezers	R-134a	1,430.00	0.11538	0.60000	0.00000	1.000000
Apartments High Rise	Average room A/C & Other residential A/C and heat pumps	R-410A	2,088.00	0.00225	2.50000	2.50000	10.00000
Apartments High Rise	Household refrigerators and/or freezers	R-134a	1,430.00	0.11538	0.60000	0.00000	1.000000
General Office Building	Other commercial A/C and heat pumps	R-410A	2,088.00	0.00180	4.00000	4.00000	18.0000
General Heavy Industry	Other commercial A/C and heat pumps	R-410A	2,088.00	0.30000	4.00000	4.00000	18.0000
Hotel	Other commercial A/C and heat pumps	R-410A	2,088.00	1.80000	4.00000	4.00000	18.0000
Hotel	Walk-in refrigerators and freezers	R-404A	3,922.00	0.00040	7.50000	7.50000	20.0000
Government (Civic Center)	Other commercial A/C and heat pumps	R-410A	2,088.00	0.00180	4.00000	4.00000	18.0000

5.14.2. Mitigated

Land Use	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
Single Family Housing	Average room A/C & Other residential A/C and heat pumps	R-410A	2,088.00	0.00225	2.50000	2.50000	10.00000
Single Family Housing	Household refrigerators and/or freezers	R-134a	1,430.00	0.11538	0.60000	0.00000	1.000000
Apartments Mid Rise	Average room A/C & Other residential A/C and heat pumps	R-410A	2,088.00	0.00225	2.50000	2.50000	10.00000

Apartments Mid Rise	Household refrigerators and/or freezers	R-134a	1,430.00	0.11538	0.60000	0.00000	1.000000
Apartments High Rise	Average room A/C & Other residential A/C and heat pumps	R-410A	2,088.00	0.00225	2.50000	2.50000	10.00000
Apartments High Rise	Household refrigerators and/or freezers	R-134a	1,430.00	0.11538	0.60000	0.00000	1.000000
General Office Building	Other commercial A/C and heat pumps	R-410A	2,088.00	0.00180	4.00000	4.00000	18.0000
General Heavy Industry	Other commercial A/C and heat pumps	R-410A	2,088.00	0.30000	4.00000	4.00000	18.0000
Hotel	Other commercial A/C and heat pumps	R-410A	2,088.00	1.80000	4.00000	4.00000	18.0000
Hotel	Walk-in refrigerators and freezers	R-404A	3,922.00	0.00040	7.50000	7.50000	20.0000
Government (Civic Center)	Other commercial A/C and heat pumps	R-410A	2,088.00	0.00180	4.00000	4.00000	18.0000

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

5.15.2. Mitigated

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

5.16.2. Process Boilers

5.17. User Defined

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	29.0800	annual days of extreme heat
Extreme Precipitation	13.2000	annual days with precipitation above 20 mm
Sea Level Rise	—	meters of inundation depth
Wildfire	1.99000	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	5	0	0	N/A
Extreme Precipitation	4	0	0	N/A
Sea Level Rise	N/A	N/A	N/A	N/A
Wildfire	1	0	0	N/A
Flooding	0	0	0	N/A
Drought	0	0	0	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	0	0	0	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	5	1	1	4
Extreme Precipitation	4	1	1	4
Sea Level Rise	N/A	N/A	N/A	N/A
Wildfire	1	1	1	2
Flooding	1	1	1	2
Drought	1	1	1	2
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	1	1	1	2

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	75.1213

AQ-PM	6.60859
AQ-DPM	74.7853
Drinking Water	0.14987
Lead Risk Housing	83.4531
Pesticides	43.7241
Toxic Releases	5.82646
Traffic	58.5625
Effect Indicators	—
CleanUp Sites	0.00000
Groundwater	86.0867
Haz Waste Facilities/Generators	50.1390
Impaired Water Bodies	12.4528
Solid Waste	42.3139
Sensitive Population	—
Asthma	55.3963
Cardio-vascular	49.2522
Low Birth Weights	3.77213
Socioeconomic Factor Indicators	—
Education	26.9425
Housing	72.5982
Linguistic	2.81500
Poverty	68.8317
Unemployment	70.9006

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	32.87565764
Employed	11.27935327
Median HI	8.37931477
Education	—
Bachelor's or higher	49.69844732
High school enrollment	100
Preschool enrollment	64.42961632
Transportation	—
Auto Access	23.58526883
Active commuting	86.64185808
Social	—
2-parent households	1.475683306
Voting	84.61439754
Neighborhood	—
Alcohol availability	27.56319774
Park access	42.21737457
Retail density	64.93006544
Supermarket access	28.71808033
Tree canopy	98.25484409
Housing	—
Homeownership	22.34056204
Housing habitability	29.11587322
Low-inc homeowner severe housing cost burden	10.93288849
Low-inc renter severe housing cost burden	15.15462595
Uncrowded housing	93.44283331
Health Outcomes	—
Insured adults	50.62235339
Arthritis	0.0

Asthma ER Admissions	51.2
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	2.6
Cognitively Disabled	20.1
Physically Disabled	30.9
Heart Attack ER Admissions	60.3
Mental Health Not Good	0.0
Chronic Kidney Disease	0.0
Obesity	0.0
Pedestrian Injuries	78.5
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	0.0
Children	40.5
Elderly	22.8
English Speaking	90.2
Foreign-born	2.3

Outdoor Workers	94.2
Climate Change Adaptive Capacity	—
Impervious Surface Cover	77.9
Traffic Density	55.9
Traffic Access	23.0
Other Indices	—
Hardship	64.6
Other Decision Support	—
2016 Voting	74.3

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	43.0000
Healthy Places Index Score for Project Location (b)	36.0000
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	Yes
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

8.1. Justifications

Screen	Justification
Operations: Hearths	Information provided to Rincon.
Operations: Refrigerants	Information provided to Rincon.

8.5. Operations

8.5.2. Area Sources

8.5.2.1. Hearths

Land Use	Model Parameter	Units	Default Value	New Value
Single Family Housing	Wood Fireplaces	—	31	0
Single Family Housing	Hours/Day	—	3	0
Single Family Housing	Days/Year	—	82	0
Single Family Housing	Wood Mass	lb/year	3,078	0
Single Family Housing	Conventional Wood Stoves	—	10	0
Single Family Housing	Catalytic Wood Stoves	—	10	0
Single Family Housing	Non-Catalytic Wood Stoves	—	10	0
Single Family Housing	Days/Year	—	82	0
Single Family Housing	Wood Mass	lb/year	3,019	0

Appendix E

Special-Status Species Tables

Special-Status Plant Species in the Regional Vicinity of the Plan Area

Scientific Name Common Name	Status Fed/State ESA CRPR	Habitat Requirements	Potential to Occur	Rationale
Allium jepsonii Jepson's onion	None/None G2/S2 1B.2	Perennial bulbiferous herb. Chaparral, cismontane woodland, lower montane coniferous forest. Serpentinite, volcanic. Elevations: 985-4330ft. (300-1320m.) Blooms Apr-Aug.	Present	Suitable habitat is present, this species has been previously documented in the Plan Area, and is assumed extant in the CNDDB (CDFW 2024c).
Balsamorhiza macrolepis big-scale balsamroot	None/None G2/S2 1B.2	Perennial herb. Chaparral, cismontane woodland, valley and foothill grassland. Serpentinite (sometimes). Elevations: 150-5100ft. (45-1555m.) Blooms Mar-Jun.	Moderate	Suitable habitat is present in the Plan Area.
Calystegia stebbinsii Stebbins' morning-glory	FE/SCE G1/S1 1B.1	Perennial rhizomatous herb. Chaparral, cismontane woodland. Gabbroic (sometimes), seeps (sometimes). Elevations: 605-3575ft. (185-1090m.) Blooms Apr-Jul.	Moderate	Suitable habitat is present in the Plan Area.
Carex xerophila chaparral sedge	None/None G2/S2 1B.2	Perennial herb. Chaparral, cismontane woodland, lower montane coniferous forest. Gabbroic, serpentinite. Elevations: 1445-2525ft. (440-770m.) Blooms Mar-Jun.	Moderate	Suitable habitat is present in the Plan Area.
Ceanothus roderickii Pine Hill ceanothus	FE/SCR G1/S1 1B.1	Perennial evergreen shrub. Chaparral, cismontane woodland. Gabbroic (sometimes), serpentinite (sometimes). Elevations: 805-3575ft. (245-1090m.) Blooms Apr-Jun.	Moderate	Suitable habitat is present in the Plan Area.
Chlorogalum grandiflorum Red Hills soaproot	None/None G3/S3 1B.2	Perennial bulbiferous herb. Chaparral, cismontane woodland, lower montane coniferous forest. Gabbroic, serpentinite. Elevations: 805-5545ft. (245-1690m.) Blooms May-Jun.	Moderate	Suitable habitat is present in the Plan Area.
Galium californicum ssp. *sierrae* El Dorado bedstraw	FE/SCR G5T1/S1 1B.2	Perennial herb. Chaparral, cismontane woodland, lower montane coniferous forest. In pine-oak woodland or chaparral. Restricted to gabbroic or serpentine soils. Elevations: 330-1920ft. (100-585m.) Blooms May-Jun.	Moderate	Suitable habitat is present in the Plan Area.

Scientific Name Common Name	Status Fed/State ESA CRPR	Habitat Requirements	Potential to Occur	Rationale
Gratiola heterosepala Boggs Lake hedge-hyssop	None/SCE G2/S2 1B.2	Annual herb. Marshes and swamps, vernal pools. Clay soils; usually in vernal pools, sometimes on lake margins. 4-. Elevations: 35-7790ft. (10-2375m.) Blooms Apr-Aug.	Moderate	Suitable habitat is present in the Plan Area.
Packera layneae Layne's ragwort	FT/SCR G2/S2 1B.2	Perennial herb. Chaparral, cismontane woodland. Ultramafic soil (serpentine or gabbro); occasionally along streams. Elevations: 655-3560ft. (200-1085m.) Blooms Apr-Aug.	Moderate	Suitable habitat is present in the Plan Area.
Viburnum ellipticum oval-leaved viburnum	None/None G4G5/S3 2B.3	Perennial deciduous shrub. Chaparral, cismontane woodland, lower montane coniferous forest. Elevations: 705-4595ft. (215-1400m.) Blooms May-Jun.	Present	Suitable habitat is present, this species has been previously documented in the Plan Area, and is assumed extant in the CNDDB (CDFW 2024c).
Wyethia reticulata El Dorado County mule ears	None/None G2/S2 1B.2	Perennial herb. Chaparral, cismontane woodland, lower montane coniferous forest. Stony red clay and gabbroic soils; often in openings in gabbro chaparral. Elevations: 605-2065ft. (185-630m.) Blooms Apr-Aug.	Moderate	Suitable habitat is present in the Plan Area.

BSA = Biological Study Area; ft. = feet; m. = meter

Regional Vicinity refers to within a nine-quad search radius of site (in this case, a seven-quad search was conducted).

Status (Federal/State)

FE = Federal Endangered
FT = Federal Threatened
SE = State Endangered
ST = State Threatened
SR = State Rare
SCR = State Candidate Rare
SCE = State Candidate Endangered

CRPR (California Native Plant Society California Rare Plant Rank)

1B = Rare, Threatened, or Endangered in California and elsewhere
2B= Rare, Threatened, or Endangered in California, but more common elsewhere

CRPR Threat Code Extension

.1 = Seriously endangered in California (>80% of occurrences threatened/high degree and immediacy of threat)
.2 = Moderately threatened in California (20-80% of occurrences threatened/moderate degree and immediacy of threat)
.3 = Not very endangered in California (<20% of occurrences threatened/low degree and immediacy of threat)

Other Statuses

G1 or S1 Critically Imperiled Globally or Subnationally (state)
G2 or S2 Imperiled Globally or Subnationally (state)
G3 or S3 Vulnerable to extirpation or extinction Globally or Subnationally (state)
G4/5 or S4/5 Apparently secure, common and abundant

Additional notations may be provided as follows

T – Intraspecific Taxon (subspecies, varieties, and other designations below the level of species)
Q – Questionable taxonomy that may reduce conservation priority
? – Inexact numeric rank

Special-Status Wildlife Species in the Regional Vicinity of the Plan Area

Scientific Name Common Name	Status Fed/State ESA CDFW	Habitat Requirements	Potential to Occur	Rationale
Invertebrates				
Bombus occidentalis western bumble bee	None/SCE G3/S1	Once common and widespread, species has declined precipitously from central CA to southern B.C., perhaps from disease. .	Low	Though suitable habitat exists in the Plan Area, there are no documented records in the CDDDB less than 20 years old.
Branchinecta lynchi vernal pool fairy shrimp	FT/None G3/S3	Endemic to the grasslands of the Central Valley, Central Coast mountains, and South Coast mountains, in astatic rain-filled pools. Inhabit small, clear-water sandstone-depression pools and grassed swale, earth slump, or basalt-flow depression pools.	Low	Suitable habitat is limited and marginal in the Plan Area.
Desmocerus californicus dimorphus valley elderberry longhorn beetle	FT/None G3T3/S3	Occurs only in the Central Valley of California, in association with blue elderberry (Sambucus mexicana). Prefers to lay eggs in elderberries 2-8 inches in diameter; some preference shown for "stressed" elderberries.	Moderate	This species is known to occur long the American River and west of the Plan Area in the Auburn Ravine.
Fish				
Oncorhynchus mykiss irideus pop. 11 steelhead - Central Valley DPS	FT/None G5T2Q/S2	Populations in the Sacramento and San Joaquin rivers and their tributaries. .	Moderate	Suitable spawning and rearing habitat is present in the American and Bear Rivers as well as numerous smaller tributaries.
Amphibians				
Rana boylii pop. 3 foothill yellow-legged frog - north Sierra DPS	None/ST G3T2/S2	Yuba River to Middle Fork American River, and Sutter Buttes. Subbasins (HU 8) Butte Creek, Honcut Headwaters - Lower Feather, Upper Yuba, Upper Bear, Upper Coon - Upper Auburn, North Fork American, and Lower American in SUT, YUB, SIE, NEV, and PLA Co. Partly shaded shallow streams and riffles with a rocky substrate in a variety of habitats. Needs at least some cobble-sized substrate for egg-laying and at least 15 weeks to attain metamorphosis.	Moderate	The species is known to occur in the North and Middle Fork American Rivers within the Plan Area.

Scientific Name Common Name	Status Fed/State ESA CDFW	Habitat Requirements	Potential to Occur	Rationale
Reptiles				
Emys marmorata western pond turtle	FPT/None G3G4/S3 SSC	A thoroughly aquatic turtle of ponds, marshes, rivers, streams and irrigation ditches, usually with aquatic vegetation, below 6000 ft elevation. Needs basking sites and suitable (sandy banks or grassy open fields) upland habitat up to 0.5 km from water for egg-laying.	Present	Present in open water habitats and slow-moving streams throughout the Plan Area.
Birds				
Elanus leucurus white-tailed kite	None/None G5/S3S4 FP	Rolling foothills and valley margins with scattered oaks and river bottomlands or marshes next to deciduous woodland. Open grasslands, meadows, or marshes for foraging close to isolated, dense-topped trees for nesting and perching.	High	Species has confirmed nest sites within the Auburn State Recreation Area less than 1 mile from the Plan Area.
Falco peregrinus anatum American peregrine falcon	FD/SD G4T4/S3S4	Near wetlands, lakes, rivers, or other water; on cliffs, banks, dunes, mounds; also, human-made structures. Nest consists of a scrape or a depression or ledge in an open site.	High	Species has confirmed nest sites within the Auburn State Recreation Area less than 1 mile from the Plan Area.
Haliaeetus leucocephalus bald eagle	FD/SE G5/S3 FP	Ocean shore, lake margins, and rivers for both nesting and wintering. Most nests within 1 mile of water. Nests in large, old-growth, or dominant live tree with open branches, especially ponderosa pine. Roosts communally in winter.	Low	Species nests along the Bear and American Rivers but is generally restricted to riverine and riparian habitats.
Laterallus jamaicensis coturniculus California black rail	None/ST G3T1/S2 FP	Inhabits freshwater marshes, wet meadows and shallow margins of saltwater marshes bordering larger bays. Needs water depths of about 1 inch that do not fluctuate during the year and dense vegetation for nesting habitat.	Low	Suitable habitat is not present in the Plan Area.
Pandion haliaetus osprey	None/None G5/S4 WL	Ocean shore, bays, freshwater lakes, and larger streams. Large nests built in tree-tops within 15 miles of a good fish-producing body of water.	Moderate	Potentially suitable nesting habitat exists along the Auburn Ravine and American River. Suitable open water foraging habitat is present in the Plan Area.

Scientific Name Common Name	Status Fed/State ESA CDFW	Habitat Requirements	Potential to Occur	Rationale
Progne subis purple martin	None/None G5/S3 SSC	Inhabits woodlands, low elevation coniferous forest of Douglas-fir, ponderosa pine, and Monterey pine. Nests in old woodpecker cavities mostly; also in human-made structures. Nest often located in tall, isolated tree/snag.	Moderate	Suitable habitat present throughout the Plan Area, especially in denser woodland habitats.
Riparia riparia bank swallow	None/ST G5/S3	Colonial nester; nests primarily in riparian and other lowland habitats west of the desert. Requires vertical banks/cliffs with fine-textured/sandy soils near streams, rivers, lakes, ocean to dig nesting hole.	Low	Suitable nesting habitat is not present in the Plan Area.
Mammals				
Antrozous pallidus pallid bat	None/None G4/S3 SSC	Found in a variety of habitats including deserts, grasslands, shrublands, woodlands, and forests. Most common in open, dry habitats with rocky areas for roosting. Roosts in crevices of rock outcrops, caves, mine tunnels, buildings, bridges, and hollows of live and dead trees which must protect bats from high temperatures. Very sensitive to disturbance of roosting sites.	Moderate	There is marginally suitable roosting habitat and riparian trees and suitable foraging habitat throughout the Plan Area.
Corynorhinus townsendii Townsend's big-eared bat	None/None G4/S2 SSC	Occurs throughout California in a wide variety of habitats. Most common in mesic sites, typically coniferous or deciduous forests. Roosts in the open, hanging from walls & ceilings in caves, lava tubes, bridges, and buildings. This species is extremely sensitive to human disturbance.	Moderate	There is marginally suitable roosting habitat and riparian trees and suitable foraging habitat throughout the Plan Area.

ft. = feet; km = kilometer

Regional Vicinity refers to within a nine-quad search radius of site (in this case, a seven-quad search was conducted).

Scientific Name Common Name	Status Fed/State ESA CDFW	Habitat Requirements	Potential to Occur	Rationale

Status (Federal/State)

FE = Federal Endangered
FT = Federal Threatened
FPT = Federal Proposed Threatened
FD = Federal Delisted
FC = Federal Candidate
SE = State Endangered
ST = State Threatened
SCE = State Candidate Endangered
SD = State Delisted
SSC = CDFW Species of Special Concern
FP = CDFW Fully Protected
WL = CDFW Watch List

Other Statuses

G1 or S1 Critically Imperiled Globally or Subnationally (state)
G2 or S2 Imperiled Globally or Subnationally (state)
G3 or S3 Vulnerable to extirpation or extinction Globally or Subnationally (state)
G4/5 or S4/5 Apparently secure, common and abundant

Additional notations may be provided as follows

T – Intraspecific Taxon (subspecies, varieties, and other designations below the level of species)
Q – Questionable taxonomy that may reduce conservation priority

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Appendix F

Historic Properties List

Table 1 City of Auburn Designated Historic Districts

Property APN	Address	Contributor/Non-Contributor
Old Town Historic District		
002-225-012-000	135 Court Street	Contributor
002-240-072-000	221 Sacramento Street	Contributor
004-032-007-000	212 Sacramento Street	Contributor
002-225-011-000	165 Court Street	Contributor
002-223-001-000 +	130 Maple Street	Contributor
002-230-008-000	135 Sacramento Street	Contributor
004-011-045-000	289 Washington Street	Contributor
004-011-047-000	218 Washington Street	Contributor
002-230-044-000	1425 Lincoln Way	Contributor
004-032-039-000	250 Sacramento Street	Contributor
002-224-011-000	299 Commercial Street	Contributor
002-223-011-000	164 Maple Street	Contributor
004-012-006-000 *	No Address	Contributor
002-225-006-000	1586 Lincoln Way	Contributor
002-225-007-000	1590 Lincoln Way	Contributor
002-230-006-000	157 Sacramento Street	Contributor
002-230-007-000	149 Sacramento Street	Contributor
004-032-003-000	206 Sacramento Street	Contributor
004-011-020-000	198 Sacramento Street	Contributor
004-011-018-000	150 Sacramento Street	Contributor
Downtown Historic District		
002-100-018-000	851 High Street	Non-Contributor
002-076-001-000	858 High Street	Contributor
002-152-010-000	895 Lincoln Way	Non-Contributor
002-110-005-000	815 Lincoln Way	Contributor
002-190-018-000	1155 Lincoln Way	Contributor
002-152-011-000	885 Lincoln Way	Non-Contributor
002-145-008-000	904 Lincoln Way	Contributor
002-152-012-000	881 Lincoln Way	Non-Contributor
002-110-012-000	809 Lincoln Way	Non-Contributor
002-110-001-000	805 Lincoln Way	Non-Contributor
002-121-016-000	799 Lincoln Way	Contributor
002-145-007-000	900 Lincoln Way	Contributor
002-145-014-000 * +	956 Lincoln Way	Contributor
002-152-001-000	875 Lincoln Way	Non-Contributor
002-145-006-000	908 Lincoln Way	Contributor
002-151-003-000	1085 High Street	Contributor
002-100-016-000	913 High Street	Non-Contributor

Property APN	Address	Contributor/Non-Contributor
002-100-006-000	814 Lincoln Way	Non-Contributor
002-100-020-000	812 Lincoln Way	Non-Contributor
002-152-008-000	925 Lincoln Way	Contributor
002-100-011-000	895 High Street	Non-Contributor
002-145-012-000	928 Lincoln Way	Contributor
002-145-013-000	940 Lincoln Way	Contributor
002-145-027-000	No Address On File	Contributor
002-145-015-000	958 Lincoln Way	Contributor
002-145-016-000	974 Lincoln Way	Non-Contributor
002-154-018-000	843 Lincoln Way	Non-Contributor
002-092-018-000	No Address On File	Non-Contributor
002-154-001-000	839 Lincoln Way	Non-Contributor
002-151-002-000	1031 High Street	Contributor
002-110-010-000	835 Lincoln Way	Non-Contributor
002-100-017-000	818 Lincoln Way	Contributor
002-100-003-000	800 Lincoln Way	Contributor
002-100-004-000	808 Lincoln Way	Non-Contributor
002-076-002-000	896 High Street	Non-Contributor
002-100-002-000	153 Cleveland Avenue	Contributor
002-110-009-000	833 Lincoln Way	Non-Contributor
002-091-013-000	900 High Street	Non-Contributor
002-145-011-000	922 Lincoln Way	Contributor
002-145-010-000	920 Lincoln Way	Contributor
002-152-009-000	905 Lincoln Way	Contributor
002-145-009-000	916 Lincoln Way	Contributor
002-145-024-000	No Address On File	Contributor
002-110-011-000	825 Lincoln Way	Non-Contributor
002-110-007-000	823 Lincoln Way	Non-Contributor
002-110-006-000	819 Lincoln Way	Contributor
002-145-029-000	994 Lincoln Way	Non-Contributor
002-153-001-000	935 Lincoln Way	Contributor
002-190-033-000	No Address On File	Non-Contributor
002-190-020-000	1025 Lincoln Way	Non-Contributor
002-190-021-000	1011 Lincoln Way	Non-Contributor
002-190-023-000	985 Lincoln Way	Contributor
002-201-001-000	1101 High Street	Non-Contributor
002-190-024-000	973 Lincoln Way	Contributor
002-190-034-000 *	949 Lincoln Way	Contributor
002-145-028-000	984 Lincoln Way	Contributor
002-151-003-000	1085 High Street	Contributor

Property APN	Address	Contributor/Non-Contributor
002-092-036-000	1050 High Street	Contributor
002-201-013-000	1103 High Street	Contributor
002-154-043-000	853 Lincoln Way	Contributor
002-190-036-000	991 Lincoln Way	Contributor

* - Also listed in the NRHP

+ - Also listed in Auburn Register of Historic Buildings

Table 2 City of Auburn Potential Historic Districts

Property APN	Address	Contributor/Non-Contributor
Historic College Way District		
004-062-045-000	100 College Way	Contributor
004-062-029-000	108 College Way	Non-Contributor
004-062-030-000	112 College Way	Non-Contributor
004-062-002-000	118 College Way	Contributor
004-062-039-000	124 College Way	Contributor
004-062-033-000	126 College Way	Contributor
004-062-005-000	130 College Way	Contributor
004-062-006-000	136 College Way	Contributor
004-062-007-000	142 College Way	Contributor
004-062-008-000	146 College Way	Non-Contributor
004-062-036-000	150 College Way	Non-Contributor
004-062-031-000	156 College Way	Non-Contributor
004-062-037-000	162 College Way	Contributor
004-062-012-000	168 College Way	Contributor
004-062-013-000	174 College Way	Contributor
004-071-001-000	188 College Way	Non-Contributor
004-071-002-000	192 College Way	Contributor
004-071-003-000	196 College Way	Contributor
004-072-043-000	103 Knoll Street	Contributor
004-072-036-000	199 College Way	Contributor
004-072-016-000	193 College Way	Contributor
004-072-017-000	189 College Way	Non-Contributor
004-072-018-000	183 College Way	Non-Contributor
004-072-035-000	181 College Way	Contributor
004-063-007-000	173 College Way	Contributor
004-063-008-000	167 College Way	Contributor
004-063-009-000	161 College Way	Contributor
004-063-010-000	155 College Way	Contributor
004-063-011-000	151 College Way	Contributor

Property APN	Address	Contributor/Non-Contributor
Historic Crutcher Court District		
002-092-007-000	100 Crutcher Court	Contributor
002-092-008-000	136 Crutcher Court	Contributor
002-092-009-000	162 Crutcher Court	Contributor
002-092-010-000	190 Crutcher Court	Contributor
002-092-015-000	199 Crutcher Court	Contributor
002-092-014-000	173 Crutcher Court	Contributor
002-092-013-000	145 Crutcher Court	Non-Contributor
Historic Flint Station/Camp Flint Area		
004-210-002-000	Union Pacific Railroad	Contributor
004-220-047-000	Overlook Park	Contributor
Historic Hale College Tract		
002-201-004-000	130 Orange Street	Contributor
002-203-003-000	145 Orange Street	Contributor
002-190-008-000	1140 High Street	Contributor
004-041-009-000	244 Orange Street	Contributor
004-042-015-000	1161 High Street	Contributor
004-042-011-000	117 Agard Street	Contributor
004-042-019-000	129 Agard Street	Contributor
004-042-008-000	135 Agard Street	Contributor
Historic Huntley District		
003-061-028-000	100 Oak Street	Non- Contributor
003-061-020-000	122 Oak Street	Non-Contributor
003-061-022-000	140 Oak Street	Non-Contributor
003-061-023-000	160 Oak Street	Contributor
003-061-004-000	166 Oak Street	Contributor
003-061-006-000	196 Oak Street	Non-Contributor
003-061-007-000	277 Huntley Avenue	Non-Contributor
003-061-025-000	259 Huntley Avenue	Contributor
003-061-009-000	247 Huntley Avenue	Contributor
003-061-010-000	231 Huntley Avenue	Non-Contributor
003-061-011-000	215 Huntley Avenue	Contributor
003-061-012-000	201 Huntley Avenue	Contributor
003-061-013-000	135 Grace Street	Contributor
003-061-014-000	105 Grace Street	Contributor
003-081-003-000	100 Grace Street	Non-Contributor
003-081-004-000	136 Grace Street	Contributor
003-081-005-000	168 Grace Street	Contributor
003-081-011-000	190 Grace Street	Contributor
003-081-010-000	175 Huntley Avenue	Non-Contributor

Property APN	Address	Contributor/Non-Contributor
003-081-007-000	165 Huntley Avenue	Contributor
003-083-017-000	200 Grace Street	Non-Contributor
003-083-018-000	209 Foresthill Avenue	Contributor
003-082-017-000	210 Oak Street	Contributor
003-082-018-000	230 Oak Street	Non-Contributor
003-082-008-000	260 Oak Street	Non-Contributor
003-082-019-000	274 Huntley Avenue	Contributor
003-082-021-000	250 Huntley Avenue	Non-Contributor
003-082-004-000	250 Huntley Avenue	Non-Contributor
003-082-003-000	246 Huntley Avenue	Contributor
003-082-002-000	240 Huntley Avenue	Contributor
003-082-016-000	208 Huntley Avenue	Non-Contributor
003-082-001-000	215 Grace Street	Contributor
003-082-014-000	295 Grace Street	Contributor
003-082-015-000	225 Foresthill Avenue	Contributor
003-082-011-000	235 Foresthill Avenue	Contributor
003-082-010-000	241 Foresthill Avenue	Contributor
Historic Parkside Terrace District		
002-210-044-000	195 Parkside Terrace	Contributor
002-210-043-000	177 Parkside Terrace	Contributor
002-210-042-000	155 Parkside Terrace	Contributor
002-210-041-000	145 Parkside Terrace	Contributor
002-210-040-000	129 Parkside Terrace	Non-Contributor
002-210-039-000	119 Parkside Terrace	Contributor
002-210-004-000	375 Finley Street	Contributor
002-210-005-000	198 Parkside Terrace	Non-Contributor
002-210-034-000	188 Parkside Terrace	Contributor
002-210-035-000	140 Parkside Terrace	Contributor
002-210-036-000	126 Parkside Terrace	Contributor
002-210-037-000	118 Parkside Terrace	Contributor
Historic Placer High School District		
004-043-002-000	275 Orange Street	Contributor
004-050-011-000	275 Orange Street	Contributor
Historic Tuttle District		
002-072-012-000	101 Tuttle Street	Contributor
002-075-008-000	190 Reamer Street	Contributor
002-075-007-000	180 Reamer Street	Non-Contributor
002-075-006-000	164 Reamer Street	Contributor
002-075-016-000 +	144 Reamer Street	Contributor
002-076-007-000	125 Reamer Street	Contributor

Property APN	Address	Contributor/Non-Contributor
002-076-006-000	145 Reamer Street	Contributor
002-073-012-000	159 Reamer Street	Contributor
002-073-021-000	165 Reamer Street	Contributor
002-073-026-000	183 Reamer Street	Contributor
002-073-009-000	191 Reamer Street	Contributor
002-073-008-000	203 Reamer Street	Contributor

Source: City of Auburn Historic Design Review Commission

* - Also listed in the NRHP

+ - Also listed in Auburn Register of Historic Buildings

Table 3 Plan Area Potential Historical Resources

Property APN	Address	Historic Name
001-000-Row-000		Marguerite Mine
001-012-006-000	615 Auburn Ravine Road	Holsclaw Home
001-031-062-000	311 Nevada Street	Auburn Hardwoods, Pacific Fruit Exchange, Old Frei
001-032-034-000	175 Fulweiler Avenue	The Domes
001-051-031-000	201 Nevada Street	Duran Residence, Southern Pacific Railroad Section
001-051-032-000	205 Nevada Street	Fruit Packing Sheds
001-052-001-000	170 Fulweiler Avenue	Old Auburn District Cemetery
001-072-017-000	373 Elm Avenue	
001-073-006-000	261 Garfield Street	
001-073-007-000	245 Garfield Street	
001-073-020-000	365 Elm Avenue	
001-075-Row-000		
001-082-023-000	325 Chamberlain Avenue	
001-141-010-000	125 Nevada Street	Dependener House
002-040-002-000	416 High Street	
002-040-006-000	462 High Street	Conrad Johnson House
002-040-008-000	478 High Street	
002-040-010-000	124 Hoffman Avenue	
002-040-021-000	430 High Street	
002-051-005-000	231 Hoffman Avenue	
002-051-008-000	347 Landis Ci	
002-051-009-000	339 Landis Ci	
002-051-018-000	No Address On File	Witherspoon Maternity Home
002-053-001-000	185 Hoffman Avenue	
002-053-003-000	199 Hoffman Avenue	
002-053-010-000	510 High Street	Buick Garage
002-071-013-000	204 Center Street	
002-072-007-000	233 Center Street	

Property APN	Address	Historic Name
002-072-008-000	225 Center Street	
002-072-011-000	125 Tuttle Street	
002-072-013-000	218 Reamer Street	
002-072-014-000	224 Reamer Street	Clegg Home
002-072-037-000	271 Center Street	
002-073-004-000	227 Reamer Street	
002-073-005-000	221 Reamer Street	
002-073-006-000	215 Reamer Street	
002-073-007-000	209 Reamer Street	
002-073-015-000	240 Walsh Street	
002-073-016-000	242 Walsh Street	Merz Home
002-073-020-000	206 Walsh Street	
002-074-012-000	170 Center Street	
002-074-023-000	156 Center Street	
002-074-043-000	No Address On File	
002-075-001-000	190 Tuttle Street	
002-075-002-000	173 Center Street	
002-075-009-000	152 Tuttle Street	
002-075-010-000	174 Tuttle Street	
002-076-008-000	127 Agnes Street	
002-082-009-000	Lincoln Way	Ford And Bequettes Grocery
002-082-014-000	164 Cleveland Avenue	Powers Mansion/Mackay House
002-091-008-000	146 Kenmass Avenue	
002-091-009-000	140 Kenmass Avenue	
002-092-023-000	146 Placer Street	
002-092-024-000	154 Placer Street	
002-092-040-000	153 Kenmass Avenue	Huntley House
002-092-044-000	1030 High Street	Pacific Gas & Electric Co. Garage; Auburn Journal
002-092-050-000	130 Placer Street	Chisholm Home
002-110-002-000	160 Cherry Avenue	
002-110-003-000	195 Cherry Avenue	
002-110-004-000	138 Magnolia Avenue	
002-110-008-000	170 Magnolia Avenue	
002-121-001-000	679 Lincoln Way	Auburn Lumber Company
002-121-011-000	185 Cherry Avenue	Bambrock Studio
002-121-015-000	729 Lincoln Way	Pullen Home
002-121-017-000	791 Lincoln Way	
002-121-019-000	249 Cherry Avenue	
002-122-002-000	216 Cherry Avenue	
002-122-006-000	274 Cherry Avenue	

Property APN	Address	Historic Name
002-122-007-000	284 Cherry Avenue	
002-122-008-000	198 Boardman Street	Ogle Home
002-122-010-000	171 Tennis Way	Henry Adams Residence
002-122-015-000	145 Magnolia Avenue	Duryea Residence
002-122-018-000	133 Morgan Court	Ferdinand Morgan Rental
002-122-020-000	145 Morgan Court	Morgan Rental
002-122-022-000	154 Morgan Court	
002-122-024-000	230 Cherry Avenue	
002-122-027-000	248 Cherry Avenue	Mulford Residence
002-122-028-000	181 Tennis Way	Charlie Mccloud Residence
002-122-029-000	191 Tennis Way	Charlie Mccloud Rental
002-122-030-000	155 Tennis Way	
002-132-004-000	No Address On File	
002-133-008-000	167 Pine Street	Robinson Home
002-133-021-000	191 Pine Street	D. M. Linninger Home
002-133-023-000	179 Pine Street	
002-141-001-000	198 Pine Street	
002-141-002-000	186 Pine Street	
002-141-003-000	180 Pine Street	
002-141-004-000	174 Pine Street	
002-141-005-000	168 Pine Street	
002-141-006-000	162 Pine Street	
002-141-007-000	156 Pine Street	
002-141-008-000	150 Pine Street	
002-141-009-000	140 Pine Street	
002-141-011-000	124 Pine Street	
002-144-002-000	195 Almond Street	Dyer Home
002-144-003-000	185 Almond Street	Chamberlain Home
002-144-005-000	165 Almond Street	
002-144-006-000	155 Almond Street	
002-144-008-000	171 Placer Street	Mcbride Home
002-145-001-000	188 Almond Street	
002-145-018-000	146 Almond Street	Rupley Home
002-145-019-000	150 Almond Street	Bessie Desmond, Beauty Parlor.
002-145-020-000	158 Almond Street	Longhurst Residence
002-145-021-000	968 Lincoln Way	Elder Home
002-145-022-000	174 Almond Street	Hollenbeck Residence
002-145-032-000	139 Placer Street	
002-152-007-000	185 Linden Avenue	Jacobs House
002-154-003-000	154 Tennis Way	

Property APN	Address	Historic Name
002-154-004-000	164 Tennis Way	
002-154-005-000	170 Tennis Way	
002-154-006-000	178 Tennis Way	Folsom Home
002-154-008-000	294 Boardman Street	Shields Home
002-154-009-000	375 Linden Avenue	
002-154-010-000	359 Linden Avenue	
002-154-011-000	351 Linden Avenue	Trent Home
002-154-012-000	339 Linden Avenue	Klump Family Home
002-154-014-000	143 Hillmont Avenue	
002-154-027-000	186 Tennis Way	
002-154-028-000	200 Boardman Street	
002-154-032-000	102 Hillmont Avenue	
002-155-003-000	100 Olive Street	
002-155-005-000	191 California Street	
002-155-009-000	284 Linden Avenue	Bigelow Home
002-155-013-000	200 Linden Avenue	Lardner Mill
002-155-015-000	101 Orange Street	Gridley Lewis Home/W. B. Lardner Home
002-155-Row-000		Original Locher House
002-156-001-000	109 Olive Street	
002-156-008-000	133 Olive Street	
002-156-011-000	336 Linden Avenue	Bill Prewett House
002-156-013-000	131 Olive Street	Mellinger Home
002-156-014-000	177 Olive Street	
002-156-015-000	211 California Street	
002-156-017-000	394 Linden Avenue	Reeves House
002-156-018-000	362 Linden Avenue	Judge Prewett House
002-156-019-000	255 California Street	Lukens Home
002-156-020-000	390 Boardman Street	Purington House
002-161-004-000	499 Linden Avenue	Anderson Home
002-161-005-000	453 Linden Avenue	Beilis House
002-162-003-000	456 Linden Avenue	
002-162-014-000	296 California Street	Misley House
002-162-015-000	351 Boardman Street	
002-162-020-000	345 Boardman Street	
002-162-021-000	400 Linden Avenue	
002-162-025-000	436 Linden Avenue	
002-171-018-000	1308 Lincoln Way	Keena Residents
002-171-035-000	100 East Street	Veterans Memorial Hall & Grounds
002-171-039-000	1348 Lincoln Way	Auburn Methodist Church, Pioneer United Methodist

Property APN	Address	Historic Name
002-171-040-000	1388 Lincoln Way	
002-171-Row-000		Pioneer Methodist Church
002-172-011-000	126 East Street	
002-173-002-000	135 Pine Street	
002-173-008-000	139 Pine Street	
002-173-012-000	1162 Lincoln Way	St. Joseph's Catholic Church
002-173-014-000	1128 Lincoln Way	Kindopp Residence
002-180-004-000	146 Oakwood Drive	Hussey Residence
002-180-011-000	1331 Lincoln Way	Chapel Of The Hills
002-180-014-000	1273 Lincoln Way	
002-180-020-000	1373 Lincoln Way	
002-190-010-000	1144 High Street	
002-190-030-000	1130 High Street	
002-190-031-000	1134 High Street	Sparks Home
002-201-003-000	148 Lewis Street	St. Luke's Episcopal Church
002-201-005-000	136 Orange Street	Giesendorfer Home
002-201-006-000	150 Orange Street	
002-201-007-000	162 Orange Street	Robinson House
002-201-008-000	172 Orange Street	
002-201-009-000	1133 High Street	Louis Klumpp Home
002-201-010-000	1125 High Street	Robie House
002-201-012-000	1111 High Street	W. R. Arthur
002-202-001-000	190 Orange Street	
002-202-004-000	151 Finley Street	
002-202-005-000	135 Finley Street	
002-202-006-000	1141 High Street	
002-202-007-000	1139 High Street	
002-203-001-000	125 Orange Street	
002-203-002-000	135 Orange Street	
002-203-004-000	151 Orange Street	
002-203-005-000	161 Orange Street	
002-203-006-000	175 Orange Street	
002-203-007-000	185 Orange Street	
002-203-008-000	199 Orange Street	Nelson/Heyer Home
002-204-001-000	160 California Street	Martin Home
002-204-002-000	190 California Street	Hamilton Home
002-204-003-000	230 Olive Street	
002-204-004-000	242 Olive Street	
002-204-005-000	256 Olive Street	
002-204-006-000	268 Olive Street	

Property APN	Address	Historic Name
002-204-007-000	215 Finley Street	
002-204-008-000	209 Finley Street	
002-210-009-000	445 Finley Street	
002-210-010-000	449 Finley Street	
002-210-046-000	235 Olive Street	Threlkell Home
002-210-048-000	265 Olive Street	
002-210-049-000	345 Finley Street	
002-210-056-000	201 Olive Street	Wallace Home
002-210-057-000	217 Olive Street	Walsh Home
002-224-014-000	215 Maple Street	Stars & Stripes Office
002-224-016-000	219 Maple Street	First County Hospital
002-225-001-000	1522 Lincoln Way	Fred Brye Home
002-225-005-000	1580 Lincoln Way	
002-225-014-000	1568 Lincoln Way	
002-225-021-000	1566 Lincoln Way	Chop House, Tailings
002-230-002-000	197 Sacramento Street	
002-230-024-000	1208 High Street	
002-230-042-000	107 Sacramento Street	Old Butcher Shop
002-240-001-000	1226 High Street	
002-240-002-000	1234 High Street	
002-240-019-000	215 Sacramento Street	
002-250-004-000	578 Lincoln Way	Auburn Iron Works
002-250-Row-000		Hook & Ladder #1
003-012-007-000	186 Electric Street	
003-012-008-000	202 Electric Street	
003-012-020-000	224 Electric Street	
003-032-011-000	183 Electric Street	
003-032-058-000	140 Walker Drive	
003-041-016-000	206 Lincoln Way	
003-051-010-000	318 Lincoln Way	
003-052-012-000	115 Electric Street	
003-052-020-000	300 Lincoln Way	
003-053-005-000	124 Electric Street	
003-053-009-000	294 Lincoln Way	
003-053-010-000	132 Electric Street	
003-053-011-000	134 Electric Street	
003-061-015-000	275 Lincoln Way	
003-062-001-000	397 Foresthill Avenue	
003-062-006-000	325 Foresthill Avenue	
003-062-010-000	354 Huntley Avenue	

Property APN	Address	Historic Name
003-062-016-000	315 Foresthill Avenue	
003-062-019-000	Huntley Avenue	
003-062-020-000	365 Foresthill Avenue	
003-063-006-000	173 Oak Street	Alta Vista School
003-075-010-000	150 Greenfield Avenue	Mcdermott Home
003-076-007-000	480 Foresthill Avenue	
003-081-001-000	297 Lincoln Way	
003-081-002-000	293 Lincoln Way	
003-081-009-000	131 Huntley Avenue	
003-082-009-000	249 Foresthill Avenue	Dr. Snypp Home
003-083-006-000	203 Foresthill Avenue	
003-091-003-000	210 Foresthill Avenue	
003-091-009-000	248 Foresthill Avenue	
003-092-019-000	330 Foresthill Avenue	
003-111-001-000	425 Lincoln Way	Conroy Home
003-111-015-000	137 Aeolia Drive	
003-111-016-000	131 Aeolia Drive	
003-111-018-000	435 Lincoln Way	
003-111-023-000	185 Aeolia Drive	
003-111-025-000	125 Aeolia Drive	
003-111-040-000	175 Aeolia Drive	Burns Home
003-111-044-000	192 Orr Street	
003-111-046-000	169 Aeolia Drive	
003-121-001-000	110 Blair Street	
003-121-007-000	150 Blair Street	
003-122-003-000	123 Birdsall Avenue	Birdsall Home
003-124-004-000	306 Aeolia Drive	Girdley Home
003-124-005-000	320 Aeolia Drive	Miller Home
003-124-014-000	328 Aeolia Drive	Birdsall Olive Processing Plant
003-125-001-000	193 Aeolia Drive	Jason Smith House
003-126-015-000	255 Aeolia Drive	Ambrose Home
003-126-021-000	225 Aeolia Drive	Ambrose Home, Cassidy Home
003-140-022-000	302 Aeolia Drive	Van Norden Home
003-150-005-000	109 Gossonia Park	
003-150-011-000	175 Borland Avenue	Walsh Family Home
003-172-021-000	120 Gossonia Park	
003-172-023-000	155 Lubeck Road	Torask Home
003-172-031-000	208 Gossonia Park	Lubeck Home
003-200-036-000	205 Brook Road	Carriage House And Stables
003-220-007-000	6 Terrace Court	Howard Davis Home

Property APN	Address	Historic Name
004-041-001-000	1147 High Street	
004-041-002-000	124 Finley Street	
004-041-004-000	146 Finley Street	
004-041-007-000	190 Finley Street	First Church Of Christ Scientist
004-041-008-000	232 Orange Street	
004-041-011-000	1155 High Street	
004-042-005-000	254 Orange Street	
004-042-007-000	139 Agard Street	
004-042-020-000	111 Agard Street	
004-050-005-000	390 Finley Street	
004-061-004-000	1253 High Street	
004-061-005-000	1243 High Street	
004-061-007-000	1233 High Street	
004-062-014-000	182 College Way	Brundage Residence
004-062-017-000	167 Pleasant Avenue	
004-062-024-000	1219 High Street	J. M. Hamilton Home
004-062-035-000	149 Pleasant Avenue	
004-062-041-000	1223 High Street	
004-072-043-000	103 Knoll Street	
004-120-004-000	1293 High Street	
004-120-006-000	1285 High Street	
004-120-007-000	1279 High Street	Placer County Museum
004-120-008-000	1283 High Street	
004-120-012-000	1273 High Street	
004-120-017-000	1287 High Street	
004-132-002-000	191 Pleasant Avenue	
055-160-033-000	No Address On File	Maidu Burial Grounds

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Appendix G

Energy Calculation Sheets

Auburn General Plan

City of Auburn

Populate one of the following tables (Leave the other blank):

Annual VMT		Daily Vehicle Trips	
Annual VMT:	523,248,305	Daily Vehicle Trips:	
		Average Trip Distance:	

OR

Fleet Class	Fleet Mix
Light Duty Auto (LDA)	0.393731
Light Duty Truck 1 (LDT1)	0.033648
Light Duty Truck 2 (LDT2)	0.298283
Medium Duty Vehicle (MDV)	0.175377
Light Heavy Duty 1 (LHD1)	0.027930
Light Heavy Duty 2 (LHD2)	0.007685
Medium Heavy Duty (MHD)	0.020318
Heavy Heavy Duty (HHD)	0.012042
Other Bus (OBUS)	0.000670
Urban Bus (UBUS)	0.000527
Motorcycle (MCY)	0.026253
School Bus (SBUS)	0.001048
Motorhome (MH)	0.002488

Fuel Economy (MPG) [1]	
Passenger Vehicles	25.6
Light-Med Duty Trucks	18.5
Heavy Trucks/Other	8.1
Motorcycles	54.6

Fleet Mix

Vehicle Type	Percent	Fuel Type	Annual VMT: VMT	Vehicle Trips: VMT	Fuel Consumption (Gallons)
Passenger Vehicles	*39.37%*	*Gasoline*	206,019,249	0.00	8,047,627
Light-Medium Duty Trucks	*50.73%*	*Gasoline*	265,447,918	0.00	14,348,536
Heavy Trucks/Other	*7.27%*	*Diesel*	38,044,356	0.00	4,696,834
Motorcycle	*2.63%*	*Gasoline*	13,736,782	0.00	251,589

Total Gasoline Consumption (gallons)	**22,647,752**
Total Diesel Consumption (gallons)	**4,696,834**

Sources:

[1] United States Department of Transportation, Bureau of Transportation Statistics. 2026. National Transportation Statistics. Available at: https://www.bts.gov/topics/national-transportation-statistics.

Auburn General Plan

Unincorporated Planning Area

Populate one of the following tables (Leave the other blank):

Annual VMT		Daily Vehicle Trips	
Annual VMT:	1,196,767,110	Daily Vehicle Trips:	
		Average Trip Distance:	

OR

Fleet Class	Fleet Mix
Light Duty Auto (LDA)	0.393731
Light Duty Truck 1 (LDT1)	0.033648
Light Duty Truck 2 (LDT2)	0.298283
Medium Duty Vehicle (MDV)	0.175377
Light Heavy Duty 1 (LHD1)	0.027930
Light Heavy Duty 2 (LHD2)	0.007685
Medium Heavy Duty (MHD)	0.020318
Heavy Heavy Duty (HHD)	0.012042
Other Bus (OBUS)	0.000670
Urban Bus (UBUS)	0.000527
Motorcycle (MCY)	0.026253
School Bus (SBUS)	0.001048
Motorhome (MH)	0.002488

Fuel Economy (MPG) [1]	
Passenger Vehicles	25.6
Light-Med Duty Trucks	18.5
Heavy Trucks/Other	8.1
Motorcycles	54.6

Fleet Mix

Vehicle Type	Percent	Fuel Type	Annual VMT: VMT	Vehicle Trips: VMT	Fuel Consumption (Gallons)
Passenger Vehicles	*39.37%*	*Gasoline*	471,204,701	0.00	18,406,434
Light-Medium Duty Trucks	*50.73%*	*Gasoline*	607,129,224	0.00	32,817,796
Heavy Trucks/Other	*7.27%*	*Diesel*	87,014,584	0.00	10,742,541
Motorcycle	*2.63%*	*Gasoline*	31,418,600	0.00	575,432

Total Gasoline Consumption (gallons)	**51,799,662**
Total Diesel Consumption (gallons)	**10,742,541**

Sources:

[1] United States Department of Transportation, Bureau of Transportation Statistics. 2026. National Transportation Statistics. Available at: https://www.bts.gov/topics/national-transportation-statistics.

Appendix H

Noise Measurement Data

Measurement Location	Time of Day	Record #	Date	Time	Run Duration	Run Time	Pause	LASeq	LASE	LASmin	LASmin Time	LASmax	LASmax Time	LZpeak (max)	LZpeak (max) Time	LAS5.00	LAS10.00	LAS33.30	LAS50.00	LAS66.60	LAS90.00	SEA	LCSeq	LASeq	LCSeq - LASeq	LAIeq	LAeq	LAIeq - LAeq	Overload Count	Overload Duration
ST-1	Morning	1	2024-08-29	08:50:26	00:15:00.0	00:15:00.0	00:00:00.0	46.7	76.2	35.8	08:53:26	64.4	08:51:27	95.8	08:52:05	51.4	49.2	42.9	41.0	39.8	37.8	-99.9	59.7	46.7	13.0	47.9	46.7	1.2	0	0.0
	Evening	1	2024-08-29	16:49:32	00:15:00.0	00:15:00.0	00:00:00.0	48.4	77.9	33.5	16:56:22	69.9	16:59:14	97.9	16:56:50	53.7	46.8	39.0	37.7	36.4	35.0	-99.9	63.0	48.4	14.6	51.1	48.4	2.7	0	0.0
	Night	1	2024-08-29	22:06:53	00:05:00.0	00:05:00.0	00:00:00.0	33.1	57.9	29.9	22:11:48	45.5	22:06:53	85.1	22:06:53	36.0	34.7	32.8	32.2	31.7	30.8	-99.9	47.6	33.1	14.5	37.7	32.8	4.9	0	0.0
ST-2	Morning	1	2024-08-29	08:20:53	00:15:00.0	00:15:00.0	00:00:00.0	44.8	74.3	38.5	08:21:42	62.9	08:21:26	93.4	08:21:25	47.5	46.2	43.7	42.7	41.8	40.4	-99.9	58.2	44.8	13.4	47.4	44.8	2.6	0	0.0
	Evening	1	2024-08-29	15:58:49	00:15:00.0	00:15:00.0	00:00:00.0	48.1	77.6	32.6	16:01:47	64.8	16:02:53	87.1	15:58:49	54.0	50.5	43.1	41.4	40.1	35.9	-99.9	60.3	48.1	12.2	49.9	48.1	1.8	0	0.0
	Night	1	2024-08-29	23:21:11	00:05:00.0	00:05:00.0	00:00:00.0	36.2	61.0	27.7	23:23:42	44.1	23:21:11	86.4	23:21:11	38.9	38.4	37.0	36.1	35.0	30.2	-99.9	47.3	36.2	11.1	47.0	36.1	10.9	0	0.0
ST-3	Morning	1	2024-08-29	07:57:23	00:15:00.0	00:15:00.0	00:00:00.0	48.1	77.7	38.7	08:11:19	71.8	07:57:23	93.8	07:57:53	52.4	46.7	43.8	43.0	42.3	40.9	-99.9	57.7	48.1	9.6	50.2	48.1	2.1	0	0.0
	Evening	1	2024-08-29	16:20:32	00:15:00.0	00:15:00.0	00:00:00.0	45.6	75.1	37.4	16:26:02	63.2	16:27:12	92.6	16:32:10	47.2	45.3	43.2	42.4	41.8	39.9	-99.9	56.4	45.6	10.8	48.0	45.6	2.4	0	0.0
	Night	1	2024-08-29	23:09:05	00:05:00.0	00:05:00.0	00:00:00.0	41.5	66.3	29.1	23:13:24	59.2	23:09:54	84.9	23:09:05	42.9	35.6	33.2	32.4	31.7	30.2	-99.9	52.6	41.5	11.1	42.9	41.5	1.4	0	0.0
ST-4	Morning	1	2024-08-29	09:40:37	00:15:00.0	00:15:00.0	00:00:00.0	41.3	70.8	34.6	09:41:26	55.3	09:51:05	83.3	09:40:37	47.2	43.9	38.7	37.8	37.1	36.1	-99.9	55.7	41.3	14.4	46.1	41.3	4.8	0	0.0
	Evening	1	2024-08-29	17:38:58	00:15:00.0	00:15:00.0	00:00:00.0	48.4	77.9	37.6	17:44:05	64.8	17:46:05	95.3	17:44:55	55.0	51.9	44.1	41.9	40.9	38.9	-99.9	62.6	48.4	14.2	52.2	48.4	3.8	0	0.0
	Night	1	2024-08-29	22:34:30	00:05:00.0	00:05:00.0	00:00:00.0	44.8	69.6	42.6	22:38:56	51.9	22:34:30	83.4	22:34:30	46.4	46.0	45.0	44.6	44.1	43.5	-99.9	55.8	44.8	11.0	46.4	44.8	1.6	0	0.0
ST-5	Morning	1	2024-08-29	10:09:01	00:15:00.0	00:15:00.0	00:00:00.0	55.9	85.5	45.9	10:10:13	78.5	10:21:28	98.2	10:21:27	58.9	53.5	48.0	47.4	47.1	46.5	-99.9	64.2	55.9	8.3	58.1	55.9	2.2	0	0.0
	Evening	1	2024-08-29	18:04:37	00:15:00.0	00:15:00.0	00:00:00.0	48.3	77.9	43.4	18:14:13	64.8	18:11:02	87.9	18:08:14	50.6	48.1	46.0	45.7	44.4	43.9	-99.9	59.3	48.3	11.0	51.7	48.3	3.4	0	0.0
	Night	1	2024-08-29	22:50:33	00:05:00.0	00:05:00.0	00:00:00.0	45.7	70.5	42.9	22:55:31	50.8	22:54:25	89.2	22:50:33	47.7	47.1	45.7	45.4	45.0	44.0	-99.9	57.4	45.7	11.7	46.5	45.7	0.8	0	0.0
ST-6	Morning	1	2024-08-29	09:13:35	00:15:00.0	00:15:00.0	00:00:00.0	58.1	87.7	44.5	09:25:25	71.7	09:18:48	95.5	09:18:48	63.8	62.0	57.0	54.6	52.0	47.4	-99.9	69.8	58.1	11.7	60.7	58.1	2.6	0	0.0
	Evening	1	2024-08-29	17:11:24	00:15:00.0	00:15:00.0	00:00:00.0	58.4	88.0	47.5	17:22:12	71.7	17:17:29	100.9	17:23:03	63.2	61.6	58.3	55.9	53.6	50.1	-99.9	71.4	58.4	13.0	60.0	58.4	1.6	0	0.0
	Night	1	2024-08-29	22:19:42	00:05:00.0	00:05:00.0	00:00:00.0	52.2	76.9	40.9	22:23:03	61.9	22:24:37	94.2	22:24:35	59.0	56.7	50.6	44.7	43.3	41.9	-99.9	64.9	52.2	12.7	53.0	52.2	0.8	0	0.0

Meas Location	Number	Date	Time	Duration (sec)	Leq	SEL	Lmax	Lmin	Peak	Uwpk	L(2)	L(8)	L(10)	L(25)	L(50)	L(90)
LT-1	0	8/21/2024	18:16:16	2623.8	60	94.2	74.1	33.5	97.9	99.3	67.8	65.1	64.5	61.3	54.4	39.6
LT-1	0	8/21/2024	19:00:00	3600	59.2	94.7	79.8	31.2	94.3	104.2	67.3	64.4	63.7	59.6	49.5	36.8
LT-1	0	8/21/2024	20:00:00	3600	57.9	93.5	75.2	30.5	90.4	98.5	66	63.4	62.7	58.5	48.3	37
LT-1	0	8/21/2024	21:00:00	3600	56.2	91.8	74	31.1	93.5	102.8	65.4	61.8	60.9	54.5	46.1	34.5
LT-1	0	8/21/2024	22:00:00	3600	52.3	87.9	68.9	27.2	85.3	96.4	63.4	57.7	55.9	45.4	35.6	30.4
LT-1	0	8/21/2024	23:00:00	3600	50.1	85.7	71.5	26.6	83.1	99.6	61.5	51.7	48.9	40.4	33.6	29
LT-1	0	8/22/2024	0:00:00	3600	55.7	91.2	72.8	26.3	89	96.4	66.1	60.3	59.1	52.1	44.2	31.8
LT-1	0	8/22/2024	1:00:00	3600	60.8	96.3	77.2	25	88.6	101.1	70.5	67.5	66.6	56.2	43.7	29.7
LT-1	0	8/22/2024	2:00:00	3600	53	88.5	82.7	28.2	98.9	106.7	57	43.7	42.9	41.5	39.9	32.7
LT-1	0	8/22/2024	3:00:00	3600	46.8	82.3	67.2	24.2	82.8	92.4	57.5	42.5	40.6	31.3	29.2	26.2
LT-1	0	8/22/2024	4:00:00	3600	51	86.5	70.1	26.9	83.1	96.4	62.5	54.2	50.5	41.7	37.3	31.1
LT-1	0	8/22/2024	5:00:00	3600	56.2	91.8	77.7	31	90.6	99.1	66.2	61.6	60	47.1	40.4	35.2
LT-1	0	8/22/2024	6:00:00	3600	60	95.6	74.6	36.2	89.3	97.1	68.3	65.3	64.6	60.8	52.2	43.1
LT-1	0	8/22/2024	7:00:00	3600	62.3	97.9	73.9	39.8	91.1	94.7	68.9	66.8	66.4	63.9	59.7	46.4
LT-1	0	8/22/2024	8:00:00	3600	61.9	97.5	75.7	38.6	89.7	100.2	68.6	66.2	65.7	63.4	59.3	46.2
LT-1	0	8/22/2024	9:00:00	3600	60.6	96.2	79.8	35.3	93	100.7	67.8	65.2	64.7	61.7	56	43.2
LT-1	0	8/22/2024	10:00:00	3600	60.6	96.1	78.5	35.8	93.3	103.8	67.8	65.3	64.8	61.8	56.1	42.7
LT-1	0	8/22/2024	11:00:00	3600	60.3	95.9	77.2	37.4	88.9	101.6	68	65.2	64.6	61.3	55.3	42.6
LT-1	0	8/22/2024	12:00:00	3600	60.4	96	78.4	35.2	93.2	102.4	67.7	65.2	64.6	61.6	54.6	42.2
LT-1	0	8/22/2024	13:00:00	3600	60.1	95.7	76.1	37.1	89.2	99.6	67.3	65.2	64.7	61.7	55.5	43.1
LT-1	0	8/22/2024	14:00:00	3600	61.4	97	74.8	37.4	89.9	102.4	68.6	66.1	65.6	62.9	58.1	44.3
LT-1	0	8/22/2024	15:00:00	3600	62	97.6	79.9	36.6	94	102.4	68.8	66.5	66.1	63.5	58.6	44.5
LT-1	0	8/22/2024	16:00:00	3600	65.2	100.7	92.8	39.5	115.2	115.4	69.4	66.8	66.3	63.6	58.9	45.7
LT-1	0	8/22/2024	17:00:00	3600	61.6	97.2	78.2	40.6	94.6	103.8	68.5	66.3	65.8	63.1	58.2	45.9
LT-1	0	8/22/2024	18:00:00	3600	60.3	95.9	77.4	39	90.7	99.6	67.9	65.3	64.7	61.4	54.9	44.4
LT-1	0	8/22/2024	19:00:00	3600	59.4	95	72.8	39.2	85.8	100.7	67.2	64.8	64.2	60.4	53.1	44.5
LT-1	0	8/22/2024	20:00:00	3600	58.3	93.9	75.3	36.1	88.7	109.2	66.9	64.1	63.4	58.4	49.8	41.9
LT-1	0	8/22/2024	21:00:00	3600	57	92.6	72.3	35.3	85.7	103.8	66.1	63.2	62.2	55	46.5	40.6
LT-1	0	8/22/2024	22:00:00	3600	54.5	90.1	72.1	30	87.5	99.6	64.7	60	58.6	49.7	42.6	35.1
LT-1	0	8/22/2024	23:00:00	3600	50.9	86.5	67.9	28.7	82.1	99.6	62.5	53.6	50.1	42.5	38.7	32.8
LT-1	0	8/23/2024	0:00:00	3600	48.1	83.6	66.7	28.6	82.2	103.5	59.7	47.8	46.7	42.2	38.1	33.1
LT-1	0	8/23/2024	1:00:00	3600	47.7	83.3	68.7	32.8	82.2	102	56.7	46.7	45.8	42.7	39.8	35.7
LT-1	0	8/23/2024	2:00:00	3600	48.2	83.8	68.3	30.2	81.8	103.8	58.5	48.2	47.2	43.1	39.3	33.7
LT-1	0	8/23/2024	3:00:00	3600	47.6	83.2	66.5	28	81.8	102.2	59.7	46.4	45.2	41.1	37.4	32.4
LT-1	0	8/23/2024	4:00:00	3600	51	86.6	72	32.6	88	105.7	62.5	51.7	49.8	44.7	41.6	36.3
LT-1	0	8/23/2024	5:00:00	3600	55.9	91.5	77.3	30.2	91.4	98.5	66.1	61	59.7	48.9	41.6	34.7
LT-1	0	8/23/2024	6:00:00	3600	59.4	95	76.5	35.2	92.9	104.2	67.9	64.6	64	60	50.5	41.6
LT-1	0	8/23/2024	7:00:00	3600	62.3	97.9	76.6	35.7	94.2	100.9	69.4	66.7	66.2	63.8	59.1	45.5
LT-1	0	8/23/2024	8:00:00	3600	61.1	96.7	72.3	35	88.2	106.5	68.3	66	65.5	62.5	57.7	45.7
LT-1	0	8/23/2024	9:00:00	3600	60.2	95.8	74.5	40	88.5	102	67.5	65	64.6	61.6	55.5	44.5
LT-1	0	8/23/2024	10:00:00	3600	60.5	96.1	76.1	37.8	89.5	101.6	67.5	65.3	64.8	62	56.9	43.4
LT-1	0	8/23/2024	11:00:00	3600	61.1	96.7	82.5	34.1	97.4	103.5	68.4	65.4	64.8	61.7	55.2	41.7
LT-1	0	8/23/2024	12:00:00	3600	60.7	96.3	74.5	35.3	89.7	97.1	68.3	65.6	65.1	62	56.1	42.1
LT-1	0	8/23/2024	13:00:00	3600	60.7	96.3	74.6	36.5	87.4	102.4	67.9	65.8	65.3	62.3	56.1	41.5
LT-1	0	8/23/2024	14:00:00	3600	62.9	98.5	76.6	39.4	95.1	103.8	70.1	67.4	66.9	64.3	60.2	46.6
LT-1	0	8/23/2024	15:00:00	3600	62.4	98	81.3	36	94.1	100.2	68.7	66.6	66.2	63.8	59.5	44.4
LT-1	0	8/23/2024	16:00:00	3600	62.4	98	75.4	33.8	88.4	95.6	69	66.9	66.5	64.1	59.8	44.5
LT-1	0	8/23/2024	17:00:00	3600	61.6	97.2	77.6	33.1	89.4	98.5	68.8	66.4	66	63	57.6	41.9
LT-1	0	8/23/2024	18:00:00	3600	61.9	97.5	76.1	32	90.1	102.8	69.2	67	66.6	63.3	56	40.6
LT-1	0	8/23/2024	19:00:00	3600	59.3	94.8	73.2	31.2	86.4	96.4	67.9	65.1	64.4	59.7	49.1	37.3
LT-1	0	8/23/2024	20:00:00	3600	57	92.6	70.5	29.5	87.1	92.4	65.8	63.2	62.5	56.5	44.9	34.8
LT-1	0	8/23/2024	21:00:00	3600	57	92.6	78.1	26.3	94.2	96.4	66.4	62.9	61.8	53.9	40.7	30.6
LT-1	0	8/23/2024	22:00:00	3600	58.2	93.8	83.5	27.2	101	108.2	66.2	62.6	61.6	53.7	43	31.3
LT-1	0	8/23/2024	23:00:00	3600	54.5	90.1	71.4	24.3	84.7	93.6	65.1	60.5	59.5	48.2	38.9	27.5
LT-1	0	8/24/2024	0:00:00	3600	50.8	86.3	68.7	23	81.9	89.6	62.6	54.2	50.9	40.8	33.6	26.2
LT-1	0	8/24/2024	1:00:00	3600	47.1	82.7	69.1	26.5	84	94.7	58.5	40.6	39.8	36.6	34.1	29.6
LT-1	0	8/24/2024	2:00:00	3600	47.4	83	68.6	28.7	82	96.4	57.2	45.6	45	42.9	40.8	34
LT-1	0	8/24/2024	3:00:00	3600	46.8	82.4	68.6	21.1	83.3	89.6	57.5	38.8	36.9	32.1	28.1	23.3
LT-1	0	8/24/2024	4:00:00	3600	54.4	90	85.3	22.9	94.2	105.3	58.6	43.7	42.4	40.1	31.2	26
LT-1	0	8/24/2024	5:00:00	3600	53.9	89.5	73.4	29.8	86.3	94.7	65.5	56.2	53.1	44.5	40.4	34.1
LT-1	0	8/24/2024	6:00:00	3600	56.1	91.7	72.1	32.7	85.6	91.1	66.1	62.4	61.2	50.5	43.7	38.5
LT-1	0	8/24/2024	7:00:00	3600	58.6	94.2	71.2	29.7	87.3	93.6	67.1	64.6	64	58.4	48.4	39.1
LT-1	0	8/24/2024	8:00:00	3600	60.9	96.5	71.7	35.2	85.8	91.1	68.5	66.5	66	62.4	53.8	43.5
LT-1	0	8/24/2024	9:00:00	3600	62.8	98.4	74.5	37.1	88.1	97.1	69.7	67.7	67.2	64.4	59.1	47
LT-1	0	8/24/2024	10:00:00	3600	62.4	98	77.4	32.5	91.5	95.6	69.3	67	66.6	64.2	58.8	41.9
LT-1	0	8/24/2024	11:00:00	3600	63.7	99.3	81.4	36.3	94.4	102.8	71	68.1	67.6	64.9	60.1	43.8
LT-1	0	8/24/2024	12:00:00	3600	61.2	96.8	75.6	32.5	91.5	100.2	68.7	66.1	65.6	62.8	56.4	40.4
LT-1	0	8/24/2024	13:00:00	3600	61.8	97.4	81.4	31.5	97.3	106.5	68.8	66.3	65.8	62.8	57.2	40.6
LT-1	0	8/24/2024	14:00:00	3600	61	96.6	76.3	30.6	92.9	97.1	68.3	66	65.5	62.5	55.9	40.1
LT-1	0	8/24/2024	15:00:00	3600	61.1	96.7	76.7	29.6	93.2	100.2	68.9	66.2	65.6	62.2	55.5	39.7
LT-1	0	8/24/2024	16:00:00	3600	61.1	96.7	75.1	32.1	88.8	96.8	68.1	66.2	65.7	62.7	56.5	39
LT-1	0	8/24/2024	17:00:00	3600	60.1	95.7	73.5	31.1	88	95.6	67.9	65.2	64.7	61.5	53.5	35.8
LT-1	0	8/24/2024	18:00:00	3600	60.8	96.4	82.8	36.2	93.2	101.4	68.7	65.3	64.7	61	52.1	40

LT-1	0	8/24/2024	19:00:00	3600	60.8	96.4	86.6	36.7	100.6	108	68.4	64.8	64.1	60	50.3	40.3
LT-1	0	8/24/2024	20:00:00	3600	59	94.5	80.1	36.4	95.9	104.5	67.3	64	63.2	58.3	49.5	41.3
LT-1	0	8/24/2024	21:00:00	3600	63.1	98.7	91.9	37.2	106.1	110.7	67.7	63.7	62.9	56.8	46.9	41
LT-1	0	8/24/2024	22:00:00	3600	55.1	90.6	71	34.9	85.7	92.4	64.9	61.4	60.3	50.3	42.9	39.1
LT-1	0	8/24/2024	23:00:00	3600	54.2	89.8	73.6	34.4	95.4	96.4	65	59.9	57.8	46	41.5	38.4
LT-1	0	8/25/2024	0:00:00	3600	51.5	87.1	73.1	36.3	87.5	96.4	62.8	52	48.9	43.2	41.4	38.8
LT-1	0	8/25/2024	1:00:00	3600	49.1	84.6	70.1	36.3	83.1	95.6	59.7	48.7	47.1	43.4	41.5	38.7
LT-1	0	8/25/2024	2:00:00	3600	47.8	83.4	67.3	27.6	82.6	100.2	57.9	49.5	48.4	42.6	37.7	30.9
LT-1	0	8/25/2024	3:00:00	3600	45.1	80.7	67.4	26.2	82.7	89.6	53.8	38	37.1	34.1	32.3	29.4
LT-1	0	8/25/2024	4:00:00	3600	44.4	80	66.4	26.8	80	85.1	53.6	38	36.8	33.8	32	29.5
LT-1	0	8/25/2024	5:00:00	3600	50.1	85.7	73	26.6	87.7	91.1	61	47.6	45	38	35.1	29.5
LT-1	0	8/25/2024	6:00:00	3600	54.5	90.1	76.3	34.4	90.6	93.6	64.6	59.8	57.7	47.2	42.6	38.3
LT-1	0	8/25/2024	7:00:00	3600	57.3	92.9	72.1	35.8	84.6	94.7	66.5	63.4	62.6	56.3	46.9	40.6
LT-1	0	8/25/2024	8:00:00	3600	59.2	94.8	78.8	35	92.3	103.5	67.2	64.3	63.6	59.2	48.5	39.7
LT-1	0	8/25/2024	9:00:00	3600	59.8	95.4	78.5	31.8	90.8	103.2	67.8	65	64.4	60.9	51.9	39.4
LT-1	0	8/25/2024	10:00:00	3600	64.2	99.8	92	35.4	105.6	109.9	68.9	66.1	65.6	62.6	56.8	40.9
LT-1	0	8/25/2024	11:00:00	3600	61.2	96.8	74.9	36	87	101.1	68.2	66.1	65.6	62.8	57.1	42
LT-1	0	8/25/2024	12:00:00	3600	61.8	97.4	81.4	35	97.9	107.2	69.2	66.5	65.9	63.1	57.4	42.4
LT-1	0	8/25/2024	13:00:00	3600	61	96.6	75.6	38.6	89	98.5	68.3	66.1	65.7	62.6	56.1	42.4
LT-1	0	8/25/2024	14:00:00	3600	60.9	96.5	73.7	37.5	88.5	100.7	68.3	65.9	65.4	62.5	56.2	42.2
LT-1	0	8/25/2024	15:00:00	3600	60.9	96.5	79.1	38.1	93.6	99.6	68.8	66	65.4	61.7	54.1	41.9
LT-1	0	8/25/2024	16:00:00	3600	63.6	99.2	93.3	35.1	102.5	105.1	68.9	66.1	65.6	61.7	53.4	41.5
LT-1	0	8/25/2024	17:00:00	3600	60.1	95.7	75.5	36.2	94.1	100.2	68.2	65.5	64.8	61.2	52.7	40.6
LT-1	0	8/25/2024	18:00:00	3600	59.5	95.1	77.7	36.3	90.7	104.8	67.6	65	64.4	60.6	51.5	40.3
LT-1	0	8/25/2024	19:00:00	3600	59.1	94.7	74.2	36.9	89.5	100.2	67.3	64.7	64	59.7	50.3	41.5
LT-1	0	8/25/2024	20:00:00	3600	57.1	92.6	77.5	38.3	91.7	102	65.9	63.1	62.4	55.6	46.4	41.5
LT-1	0	8/25/2024	21:00:00	3600	56.2	91.7	73	39	86.6	99.1	65.7	61.9	61	53.6	46.2	41.8
LT-1	0	8/25/2024	22:00:00	3600	55	90.6	73.3	36.8	86.4	94.7	65.6	60.7	59.2	49	43.8	39.9
LT-1	0	8/25/2024	23:00:00	3600	53.3	88.9	71.6	34.6	89.6	91.1	64.4	58	55.6	44.7	41.7	38.5
LT-1	0	8/26/2024	0:00:00	3600	48	83.5	68.3	29.7	81.2	89.6	60.1	44.7	43	40	37.7	33.8
LT-1	0	8/26/2024	1:00:00	3600	46.8	82.3	69	29.5	82.4	87.6	56.3	40.1	39	36.4	34.7	32.4
LT-1	0	8/26/2024	2:00:00	3600	43.3	78.9	68.2	27.8	80.5	87.6	46.4	37.2	36.7	34.5	32.6	30.1
LT-1	0	8/26/2024	3:00:00	3600	44.4	80	65.9	28.6	79.7	85.1	52.3	38.7	37.7	35	33.1	30.7
LT-1	0	8/26/2024	4:00:00	3600	53.1	88.7	76.3	29.5	89.7	97.8	63.5	56.5	54.5	43.7	37.6	33.2
LT-1	0	8/26/2024	5:00:00	3600	56.8	92.4	78.4	33	91.9	102.8	66.3	62.2	60.9	50.9	43.5	38.3
LT-1	0	8/26/2024	6:00:00	3600	60.3	95.9	79.4	39.1	92.4	99.1	68.4	65.1	64.4	60.8	52.4	42.6
LT-1	0	8/26/2024	7:00:00	3600	62.6	98.2	76.1	42.1	91.1	95.6	69.7	67.1	66.7	64.1	59.9	47.7
LT-1	0	8/26/2024	8:00:00	3600	61.7	97.3	79.3	40.7	91.2	99.1	68.8	66.2	65.7	63.1	57.9	45.3
LT-1	0	8/26/2024	9:00:00	3600	60.2	95.8	74.1	33.8	88.2	94.7	67.5	65.1	64.6	62	55.6	43.5
LT-1	0	8/26/2024	10:00:00	3600	61	96.5	75.4	32.8	89.9	100.7	68.6	66	65.5	62.3	55.6	39.9
LT-1	0	8/26/2024	11:00:00	3600	60.8	96.4	78.9	34.2	90.8	99.1	68.4	65.6	65.1	62	55.4	39.8
LT-1	0	8/26/2024	12:00:00	3600	60.9	96.5	76.7	34.6	89.6	96.4	68.5	66.2	65.7	62.4	54.3	39.9
LT-1	0	8/26/2024	13:00:00	3600	61.8	97.4	75.2	36.9	90	100.2	68.7	66.6	66.1	63.4	58.3	44.2
LT-1	0	8/26/2024	14:00:00	3600	63.4	99	79.6	36.7	98.2	101.1	71.9	67.5	66.9	64	59.3	46.3
LT-1	0	8/26/2024	15:00:00	3600	62.6	98.1	84.5	36.6	100.2	108.6	69.7	67.1	66.6	63.6	57.9	42.4
LT-1	0	8/26/2024	16:00:00	3600	65.3	100.9	94.4	35.6	111.5	117.2	69.6	67.3	66.8	64	58.2	42.6
LT-1	0	8/26/2024	17:00:00	3600	62.3	97.9	76.9	36.2	89	101.6	69.3	67.1	66.6	63.9	59	44
LT-1	0	8/26/2024	18:00:00	3600	60.9	96.5	74.2	33.5	93.8	100.2	68.9	66.3	65.7	62.2	53.6	38.8
LT-1	0	8/26/2024	19:00:00	3600	58.8	94.4	75.3	33.6	88.2	99.1	67.5	64.4	63.7	58.9	48.4	38.5
LT-1	0	8/26/2024	20:00:00	3600	58.3	93.9	77.5	31.6	89.4	97.8	67	63.7	62.9	58	47.7	36
LT-1	0	8/26/2024	21:00:00	3600	56.3	91.8	74.5	29.7	100.1	101.6	65.8	62	61.1	52.4	41.6	32.3
LT-1	0	8/26/2024	22:00:00	3600	58.2	93.8	89.3	31.3	107.2	112.2	63.7	57.4	55.2	42.1	37.2	33.7
LT-1	0	8/26/2024	23:00:00	3600	51.4	87	70.4	31.2	85.5	92.4	63.4	52.6	49.1	39.9	37	33.9
LT-1	0	8/27/2024	0:00:00	3600	48.4	83.9	70.2	32.5	84.2	91.1	59.6	45.6	44.1	41.6	38.1	35.1
LT-1	0	8/27/2024	1:00:00	3600	44.8	80.4	65.8	31.1	79.4	87.6	54	43.9	42.8	39.5	37.5	34.7
LT-1	0	8/27/2024	2:00:00	3600	45.5	81.1	66	33.7	81.6	92.4	50.7	43.8	43.5	42.4	41.3	37.5
LT-1	0	8/27/2024	3:00:00	3600	46.8	82.3	68.2	31.9	90	94.7	56.3	42.6	41.7	39.6	38	35.1
LT-1	0	8/27/2024	4:00:00	3600	51	86.6	69	34	83.3	91.1	62.3	54	51.6	44.6	42	37.8
LT-1	0	8/27/2024	5:00:00	3600	57.8	93.4	81.6	37.7	96.1	103.8	66.5	62.5	61.6	52.7	44.2	40.1
LT-1	0	8/27/2024	6:00:00	3600	59.7	95.3	75	41.9	93	97.8	67.7	64.9	64.4	60.6	52.4	45.4
LT-1	0	8/27/2024	7:00:00	3600	63	98.6	77.7	44.6	90.8	97.1	69.1	67.1	66.7	64.6	60.8	49.4
LT-1	0	8/27/2024	8:00:00	3600	62	97.5	76.5	39.1	90.9	98.8	69.3	66.5	66	63.3	58.3	45.3
LT-1	0	8/27/2024	9:00:00	3600	61.4	97	76.3	36.2	89.4	101.6	69	66.1	65.5	62.6	57.7	42.3
LT-1	0	8/27/2024	10:00:00	3600	61.1	96.6	79.2	35.7	93	99.6	68	65.8	65.4	62.6	57.1	41.8
LT-1	0	8/27/2024	11:00:00	3600	61.5	97.1	72.8	34.7	88.4	97.8	68.8	66.3	65.8	63.2	58	42.3
LT-1	0	8/27/2024	12:00:00	3600	61.8	97.3	78	37	89.4	99.6	68.9	66.3	65.8	63	57.8	45.2
LT-1	0	8/27/2024	13:00:00	3600	62.3	97.9	81.7	39.4	96.6	105.1	69.4	66.9	66.3	63	57.3	46.2
LT-1	0	8/27/2024	14:00:00	3600	62	97.5	74.6	37.4	89.5	100.7	68.7	66.7	66.2	63.6	59.3	44.2
LT-1	0	8/27/2024	15:00:00	3600	62.7	98.3	79.6	38.4	96.5	102	69.6	67.3	66.9	64.3	59.4	43.1
LT-1	0	8/27/2024	16:00:00	3600	62.5	98	74.6	38.3	89.7	101.6	69.3	67	66.6	64.1	59.5	44.5
LT-1	0	8/27/2024	17:00:00	3600	61.9	97.5	74.3	36.1	87.1	95.6	68.9	66.9	66.4	63.6	58	43.4
LT-1	0	8/27/2024	18:00:00	3600	61.4	97	83.4	35.2	98	104.2	68.7	66.1	65.6	62.1	54.5	41.6
LT-1	0	8/27/2024	19:00:00	3600	58.8	94.3	72.4	35.3	88.2	100.2	67.5	64.6	63.9	59.2	49.9	38.9
LT-1	0	8/27/2024	20:00:00	3600	59.5	95.1	77.3	32	93.5	106.7	67.8	64.7	64.1	59.5	49.3	36.8
LT-1	0	8/27/2024	21:00:00	3600	56.5	92.1	73.6	31	91	96.4	66.2	62.4	61.5	53.3	44.6	36.4
LT-1	0	8/27/2024	22:00:00	3600	53.1	88.7	72.8	33.7	87.3	92.4	64.1	58.4	56.5	45.6	39.5	36.1

LT-1	0	8/27/2024	23:00:00	3600	51.7	87.2	71.4	30.5	85.1	89.6	63.3	54.3	51.3	41.4	37.8	34
LT-1	0	8/28/2024	0:00:00	3600	47.4	83	68.4	32.8	82.7	95.6	58.5	44.1	42.6	38.8	36.9	35.1
LT-1	0	8/28/2024	1:00:00	3600	44.5	80	67.1	34.1	80.8	91.8	51.8	41.1	40.7	39	37.6	35.7
LT-1	0	8/28/2024	2:00:00	3600	44.9	80.5	69	33.5	82.2	94.7	48.1	41.3	40.9	39.3	37.9	35.5
LT-1	0	8/28/2024	3:00:00	3600	44.1	79.7	66.3	33.1	80.7	96.4	50.1	44.1	43.5	40.3	38.5	35.9
LT-1	0	8/28/2024	4:00:00	3600	51.3	86.9	68.9	35.3	82.8	93.6	62.8	53.9	51.4	45.7	41.7	38.3
LT-1	0	8/28/2024	5:00:00	3600	56.8	92.4	75.8	38.9	91.1	101.6	66	62.4	61.5	53.4	45.9	42.3
LT-1	0	8/28/2024	6:00:00	3600	60	95.6	75.6	40.7	89.9	100.2	68.1	65.2	64.4	60.8	52.4	45
LT-1	0	8/28/2024	7:00:00	3600	62.3	97.8	76	41.9	89.5	95.6	68.9	66.7	66.3	64	59.7	45.8
LT-1	0	8/28/2024	8:00:00	3600	62	97.6	73.3	40	89.3	95.6	68.7	66.6	66.2	63.7	59.2	46
LT-1	0	8/28/2024	9:00:00	3600	61	96.6	75.1	31.6	95.8	102	68.3	65.8	65.4	62.6	56.6	41.4
LT-1	0	8/28/2024	10:00:00	3600	61	96.6	73.8	32	86.9	100.7	68.3	65.8	65.3	62.5	57	41.3
LT-1	0	8/28/2024	11:00:00	3600	62.2	97.8	83.3	34	98.2	104.8	69.1	66.5	66	63.2	58.3	43.9
LT-1	0	8/28/2024	12:00:00	3600	62	97.6	85.8	35.6	99.3	106	68.9	66.2	65.7	62.7	56.3	42.2
LT-1	0	8/28/2024	13:00:00	3600	61.2	96.7	74.5	34.5	90.4	99.1	68.7	66.1	65.6	62.6	56.6	41.6
LT-1	0	8/28/2024	14:00:00	3600	62	97.5	75.7	36.5	88.7	98.5	69	66.9	66.4	63.5	58.3	43.3
LT-1	0	8/28/2024	15:00:00	3600	62.2	97.8	74.8	38.7	89.3	102	69.2	66.9	66.5	63.7	58.8	44.3
LT-1	0	8/28/2024	16:00:00	3600	62.3	97.9	77.3	39	91.7	96.4	69.3	66.9	66.5	63.9	58.9	44.8
LT-1	0	8/28/2024	17:00:00	3600	62.7	98.3	76.6	37.2	90.1	99.1	69.5	67.4	66.9	64.1	59.5	45.1
LT-1	0	8/28/2024	18:00:00	3600	61.5	97	77.4	36.6	93.4	100.2	69.3	66.5	65.9	62.3	55.7	42
LT-1	0	8/28/2024	19:00:00	3600	61.1	96.6	84.1	35.9	102	109.7	68	64.8	64.2	59.9	51.2	40.8
LT-1	0	8/28/2024	20:00:00	3600	59.5	95.1	78	35.3	92.3	102.4	67.5	64.7	64.1	60.1	51.7	41.2
LT-1	0	8/28/2024	21:00:00	3600	57.1	92.7	78.4	30	113.6	113.9	66.3	62.7	61.9	55.5	45.9	34.4
LT-1	0	8/28/2024	22:00:00	3600	52.7	88.3	72.3	28.2	85.7	96.4	63.8	57.4	55.5	44.4	36.3	31.2
LT-1	0	8/28/2024	23:00:00	3600	51.9	87.5	76	28.4	89.3	93.6	62.8	53.1	49.8	39.3	33	30
LT-1	0	8/29/2024	0:00:00	3600	48.9	84.5	69.9	29.4	83.6	92.4	60.9	45.8	44.1	40.4	33.9	31.5
LT-1	0	8/29/2024	1:00:00	3600	49.4	85	73	29.1	87	92.4	59.3	48.9	44.7	36.2	34.4	31.6
LT-1	0	8/29/2024	2:00:00	3600	44.3	79.8	66.5	30.5	79.1	92.4	51.5	41.8	41.7	40.8	39.5	35.6
LT-1	0	8/29/2024	3:00:00	3600	46.2	81.8	65.9	29.3	79.1	94.7	57.7	42.7	40.5	36.6	34.6	32.1
LT-1	0	8/29/2024	4:00:00	3600	50.4	86	68.2	31.1	83.8	94.7	61.9	53.4	51.1	43.6	40.4	34.7
LT-1	0	8/29/2024	5:00:00	3600	56.2	91.7	74	36.5	88	100.7	65.8	61.8	60.9	51.4	44.3	39.6
LT-1	0	8/29/2024	6:00:00	3600	59.8	95.3	73.9	41.2	88.9	94.7	68.3	65	64.3	60.8	52.3	44.4
LT-1	0	8/29/2024	7:00:00	3600	62.7	98.3	80.6	41	98	107	69.4	66.7	66.3	63.8	59.5	46.5
LT-1	0	8/29/2024	8:00:00	3600	61.9	97.5	76.2	40.3	92.4	97.1	68.7	66.4	65.9	63.4	59.1	46.1
LT-1	0	8/29/2024	9:00:00	3600	61.1	96.6	74.3	32.9	87.2	96	68.4	66	65.5	62.6	57.1	41.3
LT-1	0	8/29/2024	10:00:00	3600	61.4	97	79.1	37.3	91.6	100.7	68.9	66.1	65.6	62.5	56.7	42.3
LT-1	0	8/29/2024	11:00:00	3600	61.2	96.7	76.8	37.3	92.1	101.6	68.4	66.1	65.6	62.7	56.8	42
LT-1	0	8/29/2024	12:00:00	3600	60.9	96.5	73.8	36.6	97.5	98.5	68.4	65.9	65.4	62.4	56.3	42.7
LT-1	0	8/29/2024	13:00:00	3600	61.3	96.9	76	37.1	88	100.2	69.2	66.4	65.8	62.7	55.8	41.6
LT-1	0	8/29/2024	14:00:00	3600	62	97.6	80.1	35.5	92.9	100.7	69.4	66.7	66.1	63.2	57.8	42.5
LT-1	0	8/29/2024	15:00:00	3600	62.3	97.9	82.8	35.8	99.6	106.5	69.5	66.9	66.4	63.5	58.5	42.7
LT-1	0	8/29/2024	16:00:00	3600	62	97.6	75.3	35.9	89.5	99.1	69.1	66.8	66.4	63.6	58.6	43.5
LT-1	0	8/29/2024	17:00:00	3600	62.5	98.1	79.6	36.4	93.8	100.7	69.3	67	66.5	63.8	58.4	42.9
LT-1	0	8/29/2024	18:00:00	3600	60.8	96.4	74.3	34.7	88.4	95.6	68.6	65.9	65.4	62.2	55.7	41.3
LT-1	0	8/29/2024	19:00:00	3600	59.6	95.2	78.3	33.9	92.2	102	67.4	65.2	64.6	60.3	50.8	39
LT-1	0	8/29/2024	20:00:00	3600	63.2	98.8	93.7	31.7	110.8	116.5	66.7	63.7	63	58.3	48	38
LT-1	0	8/29/2024	21:00:00	3600	57	92.6	73.8	32.8	87.8	92.4	66.3	63.2	62.4	55.3	45.4	37.2
LT-1	0	8/29/2024	22:00:00	3600	55.1	90.6	82	29.4	97.2	103.5	64.4	58	55.7	46.1	37.6	31.4
LT-1	0	8/29/2024	23:00:00	3600	50.2	85.8	69.1	28.3	81.8	91.1	62.4	50.7	48.1	38.5	33.4	30.7
LT-1	0	8/30/2024	0:00:00	3600	52.4	88	81.7	28.7	97.4	106.2	60.5	47.1	44.2	36.1	33.9	30.6
LT-1	0	8/30/2024	1:00:00	3600	44.9	80.5	69.1	28.9	81.6	93.6	51.9	38.5	37.4	34.9	33.7	31.4
LT-1	0	8/30/2024	2:00:00	3600	44.4	79.9	67.6	29.6	103.2	109	53	37.9	37.1	34.4	32.8	30.9
LT-1	0	8/30/2024	3:00:00	3600	47.6	83.2	68.5	30	83.6	97.1	59.1	42.4	41.3	38.5	36.3	33.2
LT-1	0	8/30/2024	4:00:00	3600	50	85.5	67.9	34.1	81.3	92.4	61.7	51.8	49.3	42.8	40.2	37.3
LT-1	0	8/30/2024	5:00:00	3600	53.6	89.2	69.2	37.2	82.5	91.1	63.9	59.7	58	47.3	43.4	40.2
LT-1	0	8/30/2024	6:00:00	3600	57.6	93.2	71.8	37.8	83.8	95.6	66.4	63.4	62.7	57.9	47.6	41.2
LT-1	0	8/30/2024	7:00:00	3600	61.9	97.5	78.5	41.4	91.4	101.1	68.9	66.7	66.2	63.4	58.7	45.9
LT-1	0	8/30/2024	8:00:00	3600	61.6	97.2	74.2	37.9	87.7	99.6	68.5	66.3	65.8	63.3	58.1	44.8
LT-1	0	8/30/2024	9:00:00	3600	61.3	96.9	79.2	36	92.4	100.7	68.3	65.8	65.2	62.4	57.5	42.7
LT-1	0	8/30/2024	10:00:00	3600	60.5	96.1	75.7	35.1	92.8	94.7	68	65.6	65.1	62.1	55.4	40.5
LT-1	0	8/30/2024	11:00:00	1305.4	60.4	91.6	73.5	37.1	107.3	114.2	67.7	65.4	64.9	62	55.8	41.4

Meas Location	Number	Date	Time	Duration (sec)	Leq	SEL	Lmax	Lmin	Peak	Uwpk	L(2)	L(8)	L(10)	L(25)	L(50)	L(90)
LT-2	0	8/23/2024	11:01:41	3498.5	58.9	94.4	79.4	44.4	101	112.5	65.9	62.7	62.1	59.4	56	49.5
LT-2	0	8/23/2024	12:00:00	3600	60.7	96.3	78.9	45.5	97.9	97.1	70.1	63.5	62.6	59.5	56.1	49.7
LT-2	0	8/23/2024	13:00:00	3600	59	94.6	77.6	45.8	94	100.2	66.5	62.6	61.9	59.1	55.9	49.4
LT-2	0	8/23/2024	14:00:00	3600	59.5	95.1	74.5	46.6	88	97.8	66.3	63.4	62.9	60.3	57.1	49.8
LT-2	0	8/23/2024	15:00:00	3600	60.2	95.8	76.5	46.2	94	101.1	67.2	64.4	63.9	61	57.8	50.4
LT-2	0	8/23/2024	16:00:00	3600	59.9	95.5	73	46.4	87.9	97.1	66.5	63.9	63.4	60.9	57.9	50.6
LT-2	0	8/23/2024	17:00:00	3600	60.5	96.1	73.4	46.2	91.2	97.8	67.7	64.5	63.9	61.5	58.1	51.2
LT-2	0	8/23/2024	18:00:00	3600	59.2	94.8	80.3	46.1	102.9	104.8	66.6	62.6	61.9	59.1	55.6	49.2
LT-2	0	8/23/2024	19:00:00	3600	59	94.6	87.8	46.5	106.2	112	64.5	61.1	60.6	57.8	54.1	48.8
LT-2	0	8/23/2024	20:00:00	3600	56.6	92.2	80	46.6	111.5	110.9	63.7	59.9	59.3	56.4	53.2	49.8
LT-2	0	8/23/2024	21:00:00	3600	57.3	92.9	70.6	47.1	84.1	91.1	65.5	62	61.2	57.1	53.1	49.4
LT-2	0	8/23/2024	22:00:00	3600	61.9	97.5	71.7	45.7	86.4	97.1	68.7	67.9	67.7	62	55.7	47.6
LT-2	0	8/23/2024	23:00:00	3600	53.5	89	68.8	44.7	83.7	91.1	61.7	57.9	57.1	53	48.4	45.8
LT-2	0	8/24/2024	0:00:00	3600	51.6	87.1	75.5	44.3	88.4	92.4	58.3	53.5	52.2	48.6	46.8	45.4
LT-2	0	8/24/2024	1:00:00	3600	48.9	84.4	66.4	44.6	81.4	85.1	56.4	50.6	49.6	47.6	46.8	46
LT-2	0	8/24/2024	2:00:00	3600	48.6	84.2	68	44.9	80.9	86.4	55.5	49.6	48.9	47.4	46.6	45.5
LT-2	0	8/24/2024	3:00:00	3600	46.9	82.5	63.2	44.2	76.7	85.1	50.8	47.3	47	46.5	45.9	45.1
LT-2	0	8/24/2024	4:00:00	3600	48.2	83.8	67	44	80	91.1	55.8	48.8	48.2	46.3	45.6	44.7
LT-2	0	8/24/2024	5:00:00	3600	52.1	87.7	66.7	44.5	86.2	87.6	61.4	56.5	55.1	50	47.4	45.5
LT-2	0	8/24/2024	6:00:00	3600	55.5	91.1	71.4	45.2	91.6	92.4	64.4	60.5	59.8	54.9	48.9	45.8
LT-2	0	8/24/2024	7:00:00	3600	58.7	94.2	71.2	45	95.5	97.8	66.2	63.8	63.2	59.9	54.1	47
LT-2	0	8/24/2024	8:00:00	3600	60.8	96.4	70.8	46.7	92.1	93.6	67.4	65.5	65	62.4	58.1	49.2
LT-2	0	8/24/2024	9:00:00	3600	62.1	97.7	72.3	46.5	95.6	97.8	68.5	66.5	66.1	63.5	60	51
LT-2	0	8/24/2024	10:00:00	3600	61.6	97.2	76.9	47	92.8	97.8	68.9	65.7	65.1	62.3	58.9	51
LT-2	0	8/24/2024	11:00:00	3600	60.8	96.3	76.4	47.4	92.7	102.4	67.9	64.1	63.6	61.1	57.8	51
LT-2	0	8/24/2024	12:00:00	3600	58.3	93.9	77.1	43.8	93.5	109.2	65	61.9	61.4	58.9	55.6	48.7
LT-2	0	8/24/2024	13:00:00	3600	58.9	94.4	72.9	43.7	101.6	126.2	67.7	64.1	63.2	58.2	54.5	46.3
LT-2	0	8/24/2024	14:00:00	3600	66.6	102.2	77.6	48.9	102.6	132.3	72.3	70.5	70.1	68	65.1	59.7
LT-2	0	8/24/2024	15:00:00	3600	63.5	99	74.3	43.6	97.1	131.9	68.9	66.7	66.4	64.8	62.3	57.7
LT-2	0	8/24/2024	16:00:00	3600	60.7	96.2	70.6	50.6	98.2	127.6	65.4	64.2	63.9	62.4	59.3	54.7
LT-2	0	8/24/2024	17:00:00	3600	64.8	100.4	80.1	44.5	105.9	135.7	70.9	68.4	67.9	65.5	63.4	58.2
LT-2	0	8/24/2024	18:00:00	3600	65.6	101.2	75.7	52	100.5	129.3	69.9	68.7	68.4	66.9	65	60.8
LT-2	0	8/24/2024	19:00:00	3600	64.5	100.1	79.3	52	102.6	133.6	70.9	68.9	68.4	65.3	62	57.8
LT-2	0	8/24/2024	20:00:00	3600	72.6	108.2	90.4	51.6	108.3	135.7	82.8	77.3	75.8	68.1	64.8	60.8
LT-2	0	8/24/2024	21:00:00	3600	65.3	100.9	75.4	50.5	98.9	132.4	70.9	68.3	67.9	66.3	64.3	59.1
LT-2	0	8/24/2024	22:00:00	3600	66.9	102.5	78	56.5	104	132.9	72.1	69.9	69.5	68	66.1	62.1
LT-2	0	8/24/2024	23:00:00	3600	69.5	105.1	77.1	58.7	102.5	131.9	73.8	72.6	72.3	70.6	68.9	64.3
LT-2	0	8/25/2024	0:00:00	3600	67.2	102.8	75.3	54.5	99.5	130.9	71.6	70.4	70.1	68.6	66.4	61.6
LT-2	0	8/25/2024	1:00:00	3600	66.7	102.3	77.9	47.7	102.1	133.9	70.9	69.4	69.1	67.8	66.2	61.7
LT-2	0	8/25/2024	2:00:00	3600	67	102.6	75.2	58.4	100.7	132.1	71	69.5	69.3	68.1	66.6	63.1
LT-2	0	8/25/2024	3:00:00	3600	70.3	105.8	78.5	59.6	103.2	131.6	75.1	73.7	73.4	71.4	69.3	65.6
LT-2	0	8/25/2024	4:00:00	3600	67.7	103.3	77.7	54.7	102.8	128.3	73.3	71.6	71.2	69.1	66	61.1
LT-2	0	8/25/2024	5:00:00	3600	65	100.6	79.6	53.6	105.2	133.5	71.9	68.7	68.2	65.7	62.8	58.6
LT-2	0	8/25/2024	6:00:00	3600	58.4	94	68.7	51.5	94.1	129.1	63.6	61.8	61.5	59.5	56.9	53.5
LT-2	0	8/25/2024	7:00:00	3600	59.3	94.9	67.8	51.8	87	114.5	64.8	62.9	62.4	60.3	57.8	54.4
LT-2	0	8/25/2024	8:00:00	3600	62.4	98	68.1	56.6	88.5	115	66.3	65.2	65	63.7	61.6	58.3
LT-2	0	8/25/2024	9:00:00	3600	58.4	94	72.8	51	89.2	122	62.9	61.2	60.8	59	57.5	55.1
LT-2	0	8/25/2024	10:00:00	3600	59.6	95.2	69.6	44.4	95.6	129.9	63.6	61.9	61.6	60.4	59	56.7
LT-2	0	8/25/2024	11:00:00	3600	59	94.5	82.2	49.1	100.2	123.5	63.1	60.7	60.3	58.9	57.7	55
LT-2	0	8/25/2024	12:00:00	3600	61.3	96.9	71.4	47.2	97.2	130.3	67.5	64.9	64.4	61.9	59.8	56.1
LT-2	0	8/25/2024	13:00:00	3600	67	102.6	76	60	101.4	130.5	71.2	69.4	69.1	67.9	66.5	63.4
LT-2	0	8/25/2024	14:00:00	3600	63.6	99.1	73.4	48.2	99.5	131.7	66.9	65.8	65.7	64.6	63.3	60.1
LT-2	0	8/25/2024	15:00:00	3600	65	100.6	72.4	51.5	96.7	129.5	69.8	67.7	67.4	65.9	64.6	60.7
LT-2	0	8/25/2024	16:00:00	3600	64.5	100.1	73.9	45.5	99.2	132.8	69.4	67.8	67.4	65.5	63.5	60.3
LT-2	0	8/25/2024	17:00:00	3600	67.1	102.7	81	51.7	105.4	131.3	72.6	70.7	70.3	68	65.9	61.8
LT-2	0	8/25/2024	18:00:00	3600	67.2	102.8	77.7	47.4	104.8	135.2	71.8	70.7	70.4	68.1	66.3	62.8
LT-2	0	8/25/2024	19:00:00	3600	72.6	108.2	79.5	58.5	105.1	134.6	77	75.6	75.4	74	71.9	67.1
LT-2	0	8/25/2024	20:00:00	3600	71.5	107.1	79.8	51.1	105	132.9	75.6	74.6	74.4	73.1	71.1	66.2
LT-2	0	8/25/2024	21:00:00	3600	70.1	105.7	82.5	47	107.6	135.7	76.3	74.5	74	71.5	67.9	61.3
LT-2	0	8/25/2024	22:00:00	3600	73	108.6	81.4	55.9	108.6	135.7	76.6	75.5	75.3	74.3	73	68.4
LT-2	0	8/25/2024	23:00:00	3600	69.2	104.8	79.5	55.2	105.5	134.7	75.5	72.9	72.5	70.2	67.9	62.5
LT-2	0	8/26/2024	0:00:00	3600	68.5	104	85.3	57.3	111.6	134.8	73.8	71.5	71.1	69.5	67.4	63.4
LT-2	0	8/26/2024	1:00:00	3600	69.4	105	84.1	56.9	109.2	135.7	74.9	73.8	73.5	71.1	67	61.5
LT-2	0	8/26/2024	2:00:00	3600	60.4	96	77.2	55.9	98	129.4	65.1	62.1	61.8	60.5	59.3	57.5
LT-2	0	8/26/2024	3:00:00	3600	64.3	99.9	74.5	51.6	97.5	131.5	70.8	68.7	68.2	64.8	62.4	58.6
LT-2	0	8/26/2024	4:00:00	3600	63	98.6	72.2	56.6	96.1	128.8	67.8	66.2	65.8	64	62.1	58.6
LT-2	0	8/26/2024	5:00:00	3600	65.1	100.6	81	46.6	105.9	135.7	72.1	68.9	68.4	65.9	62.3	56.6
LT-2	0	8/26/2024	6:00:00	3600	68.7	104.3	81.5	56.3	105.6	135.7	74.1	71.9	71.5	69.7	67.5	62.6
LT-2	0	8/26/2024	7:00:00	3600	71.3	106.9	85.8	58.2	107.2	135.7	78.7	75.6	74.9	71.7	68.7	64.4
LT-2	0	8/26/2024	8:00:00	3600	65.1	100.7	81.1	56.2	105.7	130.7	70.2	67.8	67.5	66.2	63.8	59.7
LT-2	0	8/26/2024	9:00:00	3600	68.3	103.9	81.5	56.2	106	133.4	72.9	71.5	71.1	69.6	67.5	62.4
LT-2	0	8/26/2024	10:00:00	3600	68.4	104	77	52.5	102.9	130.5	72.6	71.3	71	69.7	67.8	64.2
LT-2	0	8/26/2024	11:00:00	3600	68.6	104.2	79.4	58.2	105.9	133.4	73.6	72.1	71.7	69.5	67.5	63.9

LT-2	0	8/26/2024	12:00:00	3600	70.3	105.9	86	50.2	107.9	134.9	74.3	72.7	72.4	71.1	69.5	65.8
LT-2	0	8/26/2024	13:00:00	3600	67.6	103.2	80.3	49.4	107.5	135.7	73	70.6	70.2	68.5	66.9	62.5
LT-2	0	8/26/2024	14:00:00	3600	69.5	105.1	80.4	55	102.2	135.5	75.1	72.9	72.6	70.3	67.9	64.2
LT-2	0	8/26/2024	15:00:00	3600	72	107.5	85.3	54.9	107	135.7	78.7	75.8	75.2	72.3	70	66.1
LT-2	0	8/26/2024	16:00:00	3600	67.1	102.7	79.3	49	101.3	132.5	71.7	69.7	69.4	68	66.5	63.4
LT-2	0	8/26/2024	17:00:00	3600	67.2	102.8	81.8	52.4	106.6	135.7	73.8	70.4	69.9	67.6	65.6	62.2
LT-2	0	8/26/2024	18:00:00	3600	65.8	101.4	81.9	48	108.3	135.4	71.2	69	68.6	66.6	64.4	61
LT-2	0	8/26/2024	19:00:00	3600	72.9	108.5	80.3	50.3	103.6	133.7	77.5	76.2	75.9	74.5	72.3	64.5
LT-2	0	8/26/2024	20:00:00	3600	72	107.6	78.5	60.8	103.5	133.6	75.9	74.6	74.4	73.1	71.6	68.5
LT-2	0	8/26/2024	21:00:00	3600	69.8	105.4	79.6	47	106.7	134.4	74.3	72.8	72.5	70.9	69.1	65.5
LT-2	0	8/26/2024	22:00:00	3600	70.8	106.4	77.5	53.4	101.1	131.6	74.6	73.5	73.3	72.1	70.3	66.7
LT-2	0	8/26/2024	23:00:00	3600	71	106.6	77.6	62.6	95.8	128.5	75	73.8	73.6	72.2	70.5	66.6
LT-2	0	8/27/2024	0:00:00	3600	67.3	102.9	75.8	55.4	103.2	128.4	71.7	70	69.7	68.2	66.9	63.6
LT-2	0	8/27/2024	1:00:00	3600	71.3	106.9	78.1	60.1	102.1	131.9	75.7	74.5	74.3	72.9	70.6	65.2
LT-2	0	8/27/2024	2:00:00	3600	70.8	106.4	78.2	60.9	102	129.1	74.9	73.8	73.6	72.1	70.3	65.5
LT-2	0	8/27/2024	3:00:00	3600	70.8	106.4	80.8	54.2	105.2	135.7	75.3	74.3	74	72.5	70.1	62.8
LT-2	0	8/27/2024	4:00:00	3600	71.2	106.7	84.7	55.8	109.7	134.9	75.9	74.3	74	72.4	70.1	65.5
LT-2	0	8/27/2024	5:00:00	3600	71.5	107.1	77.8	57.8	100.9	131.8	75.5	74.5	74.2	73.1	71.1	65.7
LT-2	0	8/27/2024	6:00:00	3600	71.3	106.9	77.5	63.2	105.3	129.4	75.8	74.7	74.5	73.1	70.4	65.5
LT-2	0	8/27/2024	7:00:00	3600	67.8	103.4	75.4	58.9	98.2	129.4	72.4	70.7	70.4	69	67.4	62
LT-2	0	8/27/2024	8:00:00	3600	67.3	102.9	76.3	59.2	101.9	129	72.4	70.6	70.3	68.7	66.3	62.3
LT-2	0	8/27/2024	9:00:00	3600	67.5	103.1	83.1	62.7	104.3	132.8	71.1	69.6	69.3	68.2	67	65
LT-2	0	8/27/2024	10:00:00	3600	66.1	101.7	74.9	58	101.2	130.4	70.5	68.8	68.5	67.3	65.8	61.4
LT-2	0	8/27/2024	11:00:00	3600	67.6	103.1	77.7	53	105.1	132.7	72.3	71	70.5	68.4	66.6	63.9
LT-2	0	8/27/2024	12:00:00	3600	65.4	101	81.4	47.9	108.7	132.1	71.5	68.8	68.2	66	63.9	60.2
LT-2	0	8/27/2024	13:00:00	3600	68.6	104.2	79.2	51.1	106.5	133.9	73	71.3	71	69.6	68	64.7
LT-2	0	8/27/2024	14:00:00	3600	68.2	103.7	79.5	53	106.7	135.6	73	71.3	70.9	69.3	67.4	62.5
LT-2	0	8/27/2024	15:00:00	3600	66.8	102.3	79.5	51.4	104	133.6	71.8	70.5	70.1	68.1	65.3	61.3
LT-2	0	8/27/2024	16:00:00	3600	65.6	101.1	77.3	50.3	103.4	135	71.5	70	69.6	66.5	63.4	59.4
LT-2	0	8/27/2024	17:00:00	3600	67.3	102.9	77.6	51.7	101.7	135.2	71.4	70.2	69.9	68.7	67	62
LT-2	0	8/27/2024	18:00:00	3600	68.1	103.6	88.5	48.3	108.8	135.7	72.9	70.9	70.6	69.1	67	62.4
LT-2	0	8/27/2024	19:00:00	3600	69.1	104.7	80.4	55.2	108.3	135.7	74.2	72.5	72.2	70.3	68.1	63.4
LT-2	0	8/27/2024	20:00:00	3600	69	104.6	80.7	56.2	107.2	135.7	73.5	71.7	71.4	70	68.4	64.6
LT-2	0	8/27/2024	21:00:00	3600	67.9	103.5	81.9	53.7	108.5	135.7	73.8	71.4	70.9	68.6	66.3	62.6
LT-2	0	8/27/2024	22:00:00	3600	71.5	107	85	57.3	108.8	135.7	75.7	74.1	73.9	72.6	70.8	66.6
LT-2	0	8/27/2024	23:00:00	3600	72.1	107.7	84	54.1	107.9	135.7	77	74.9	74.6	73.1	71.4	67.3
LT-2	0	8/28/2024	0:00:00	3600	72.1	107.7	84.5	55.2	110.2	135.7	76.5	74.8	74.5	73	71.4	67.6
LT-2	0	8/28/2024	1:00:00	3600	71.5	107.1	84.2	56.2	108.6	135.7	75.9	74.3	74	72.6	70.7	66.7
LT-2	0	8/28/2024	2:00:00	3600	72.2	107.7	83.8	60.3	107.9	135.7	76	74.6	74.4	73.1	71.7	68.4
LT-2	0	8/28/2024	3:00:00	3600	72.5	108	85.1	61.4	108.1	135.7	77.1	75.2	74.9	73.5	71.8	68.2
LT-2	0	8/28/2024	4:00:00	3600	73.2	108.8	92.7	60.8	122.8	135.7	77.7	75.8	75.5	74	72.3	68.8
LT-2	0	8/28/2024	5:00:00	3600	72.9	108.5	83.3	60.3	106.9	135.7	77.6	75.7	75.4	73.9	72.1	68.5
LT-2	0	8/28/2024	6:00:00	3600	71.5	107.1	83.6	56.7	109.1	135.7	76.5	74.6	74.3	72.6	70.6	65.6
LT-2	0	8/28/2024	7:00:00	3600	67.9	103.5	80.7	57.3	106.3	135.6	72.6	70.7	70.4	68.9	67	63.4
LT-2	0	8/28/2024	8:00:00	3600	68	103.6	78	46.8	104.7	135.7	72.1	70.6	70.4	69.1	67.5	63.4
LT-2	0	8/28/2024	9:00:00	3600	69.3	104.8	79.4	58.8	104.2	135.7	73.9	72.2	71.9	70.2	68.5	64.8
LT-2	0	8/28/2024	10:00:00	3600	66	101.6	76.4	46.2	104.1	133.9	71.6	69.2	68.8	67	65	61.4
LT-2	0	8/28/2024	11:00:00	3600	67.7	103.3	79.8	51.8	104.6	135.7	72.3	70.6	70.3	68.9	67	62.7
LT-2	0	8/28/2024	12:00:00	3600	66.7	102.3	77.8	50.6	102.5	135.7	71.3	69.2	68.9	67.6	66.1	62.7
LT-2	0	8/28/2024	13:00:00	3600	65.7	101.3	79	46.5	105.9	134.9	72.7	69.7	69	65.9	63.6	58.6
LT-2	0	8/28/2024	14:00:00	3600	66	101.5	77.7	48.6	101.5	134.4	72.8	69.7	69	66.1	64.1	60.6
LT-2	0	8/28/2024	15:00:00	3600	61.1	96.7	73.6	46.3	97	131.4	66	64.1	63.8	62.3	60.1	56.5
LT-2	0	8/28/2024	16:00:00	3600	64.9	100.5	76.3	45.6	100.8	135.5	70.4	67.9	67.6	65.8	64	60
LT-2	0	8/28/2024	17:00:00	3600	61.2	96.7	73.7	42.9	99.1	132.3	66.6	63.8	63.5	62	60.5	56.4
LT-2	0	8/28/2024	18:00:00	3600	61.9	97.5	74.5	42.5	102.2	131.7	67.3	64.8	64.4	62.6	60.8	57.9
LT-2	0	8/28/2024	19:00:00	3600	59.5	95.1	81.6	46	100.1	132.6	66	62.9	62.2	59.6	57.2	54
LT-2	0	8/28/2024	20:00:00	3600	60.6	96.2	73.1	41	97.5	129.8	67.2	64.3	63.7	61.3	59	54.1
LT-2	0	8/28/2024	21:00:00	3600	62.4	97.9	75.1	53.8	99.4	131.5	67.2	64.9	64.5	62.9	61.6	59.2
LT-2	0	8/28/2024	22:00:00	3600	62.7	98.3	75.7	53.7	101.9	132.4	69.3	67	66.5	63.2	60	57.8
LT-2	0	8/28/2024	23:00:00	3600	67.6	103.2	80.8	49.9	104.7	135.7	74.4	71.4	70.8	68.4	65.7	60.1
LT-2	0	8/29/2024	0:00:00	3600	66.8	102.3	83.1	55.2	103.2	132.1	73.6	70.7	70.1	67.1	64.1	60.1
LT-2	0	8/29/2024	1:00:00	3600	59.2	94.8	72.3	39.2	97.8	129.8	66.9	63.2	62.5	59.5	55.8	53.3
LT-2	0	8/29/2024	2:00:00	3600	58.7	94.2	70.3	38.9	99.5	132	65.2	62.5	61.9	59.6	57	51.5
LT-2	0	8/29/2024	3:00:00	3600	64.6	100.2	76.3	48	98.9	132.8	70.7	68.2	67.7	65.4	63.2	59
LT-2	0	8/29/2024	4:00:00	3600	67.4	103	80.2	50.1	101.1	134.2	73.1	70.8	70.4	68.3	66.1	62.1
LT-2	0	8/29/2024	5:00:00	3600	67.1	102.7	76	52.2	101.3	133.2	72	70.1	69.8	68.1	66.3	62.4
LT-2	0	8/29/2024	6:00:00	3600	64.1	99.7	75.7	42	101.1	133.9	69.5	67.1	66.7	64.9	63.1	59.4
LT-2	0	8/29/2024	7:00:00	3600	62.8	98.3	71.7	50.1	99.1	131.7	67.5	65.7	65.3	63.6	61.9	59.1
LT-2	0	8/29/2024	8:00:00	3600	62.1	97.7	77.3	50.7	97.3	132.8	66.7	64.7	64.3	62.8	61.3	58.5
LT-2	0	8/29/2024	9:00:00	3600	59.6	95.2	70.8	40.7	98.5	131.7	64.6	62.3	61.9	60.4	58.8	55.5
LT-2	0	8/29/2024	10:00:00	3600	60.4	96	70.6	39.9	97.7	129.6	65.4	63.6	63.2	61.5	59.6	55.5
LT-2	0	8/29/2024	11:00:00	3600	57.2	92.8	75.4	38.6	92.8	127.9	63.1	60.7	60.3	57.9	55.1	50.2
LT-2	0	8/29/2024	12:00:00	3600	56.4	92	72.5	41.9	87.5	126.3	62.7	59.7	59.2	56.9	54.5	49.8
LT-2	0	8/29/2024	13:00:00	3600	56.8	92.4	74.2	41.9	92.5	127.5	63.1	59.8	59.3	57.2	55	51.2
LT-2	0	8/29/2024	14:00:00	3600	56.2	91.8	71.1	40.5	86.1	121.5	63.1	60	59.5	56.9	54	48.8
LT-2	0	8/29/2024	15:00:00	3600	57.5	93.1	78.5	39.5	99.3	123.7	64	61.3	60.7	58	54.7	48

LT-2	0	8/29/2024	16:00:00	3600	57.5	93	77.5	44.5	92.1	116.6	64.1	61.3	60.8	58.3	54.9	47.7
LT-2	0	8/29/2024	17:00:00	3600	56.7	92.3	71.6	39.7	87.6	120.8	63.7	60.7	60.3	57.8	54.3	47.3
LT-2	0	8/29/2024	18:00:00	3600	57.7	93.3	78.5	39	93.6	120.8	64.9	61.3	60.7	57.9	53.8	46.8
LT-2	0	8/29/2024	19:00:00	3600	56	91.5	69.7	45.6	83.6	105.9	63.1	60.1	59.5	56.9	53.2	47.3
LT-2	0	8/29/2024	20:00:00	3600	56.3	91.8	71.7	46.1	85.5	104.8	62.4	59.6	59	56.9	54.5	50.1
LT-2	0	8/29/2024	21:00:00	3600	55.2	90.8	76.3	38.6	91.9	120.2	61.8	58.2	57.6	55	52.7	48.8
LT-2	0	8/29/2024	22:00:00	3600	54.4	89.9	78.2	43.7	93.2	119.3	60	56.6	56	53.5	52.2	49.1
LT-2	0	8/29/2024	23:00:00	3600	60.9	96.5	86	40.2	103.4	131.7	64.7	62.3	61.9	60.3	58.6	55
LT-2	0	8/30/2024	0:00:00	3600	59.7	95.3	72.2	41.8	95.9	130	66	63.6	63.1	60.5	57.7	52.9
LT-2	0	8/30/2024	1:00:00	3600	58.7	94.3	72.4	40.3	94.9	133.2	65.9	62.8	62	59.1	56.2	51.7
LT-2	0	8/30/2024	2:00:00	3600	59.4	95	70.7	39.1	95.9	130.4	65.3	63.4	62.9	60.8	57.6	52
LT-2	0	8/30/2024	3:00:00	3600	55	90.6	70.6	39.9	95.2	134.2	64	61.2	60.5	51.8	47.7	45.6
LT-2	0	8/30/2024	4:00:00	3600	49.4	85	68	44.4	87	98.4	57.1	51.4	50.5	47.4	46.3	45.2
LT-2	0	8/30/2024	5:00:00	3600	54.1	89.7	70.6	45.2	86.1	106.4	62.5	58.5	57.5	52.9	48.9	46.5
LT-2	0	8/30/2024	6:00:00	3600	55.4	91	75	46.5	93.6	110.6	62.8	59.7	59	55.6	51.3	47.5
LT-2	0	8/30/2024	7:00:00	3600	58.9	94.5	76.2	47	90.6	97.1	66	62.8	62.2	59.7	56.3	49.2
LT-2	0	8/30/2024	8:00:00	3600	58.9	94.4	79.7	46	95.8	103.5	65.4	62.7	62.2	59.5	56	48.4
LT-2	0	8/30/2024	9:00:00	3600	58.5	94	72.4	44.4	86.9	96.4	65.9	62.8	62.1	58.7	54.8	47.5
LT-2	0	8/30/2024	10:00:00	3600	57.7	93.3	76.6	44.1	95.5	99	65.6	61	60.3	57.1	53.5	46.4
LT-2	0	8/30/2024	11:00:00	753.5	60.3	89.1	78.9	44.5	111.7	115.9	69.1	64.2	63.3	59.6	55.8	47

Meas Location	Number	Date	Time	Duration (sec)	Leq	SEL	Lmax	Lmin	Peak	Uwpk	L(2)	L(8)	L(10)	L(25)	L(50)	L(90)
LT-3	0	8/21/2024	12:00:27	3572.3	73.5	109	89.2	60	112.3	112.4	78.9	76.6	76.2	74.3	72.1	68.2
LT-3	0	8/21/2024	13:00:00	3600	73.8	109.4	89.4	62	102.1	109.8	79	76.7	76.4	74.5	72.6	69.2
LT-3	0	8/21/2024	14:00:00	3600	74.1	109.6	86.8	62.2	104.3	107.8	79.2	77	76.7	74.8	73.1	69.8
LT-3	0	8/21/2024	15:00:00	3600	74.4	110	95	63	110	114.7	79.1	76.9	76.6	74.8	73.2	69.9
LT-3	0	8/21/2024	16:00:00	3600	74.2	109.8	91.5	63.3	107.6	114.2	79.7	76.9	76.5	74.6	73	69.6
LT-3	0	8/21/2024	17:00:00	3600	73.5	109	87.9	61.2	101.3	109.4	78.7	76.4	76	74.2	72.5	69
LT-3	0	8/21/2024	18:00:00	3600	73.3	108.9	91.7	59.4	107.3	110.9	78.7	76.5	76	74	71.8	67.8
LT-3	0	8/21/2024	19:00:00	3600	72.1	107.6	87.9	54	101.8	107.1	77.9	75.5	75	72.7	70.5	65.8
LT-3	0	8/21/2024	20:00:00	3600	72.7	108.3	95.2	54.1	109.5	111.4	78.9	75.4	74.9	72.4	69.9	64.9
LT-3	0	8/21/2024	21:00:00	3600	70.6	106.2	87.9	49.3	101.5	108.6	77.1	74.3	73.8	71.1	68.5	62.2
LT-3	0	8/21/2024	22:00:00	3600	69.4	105	84.9	49.9	100.5	107.8	76.6	73.8	73.2	69.9	66.9	60
LT-3	0	8/21/2024	23:00:00	3600	68.1	103.7	80.5	43.2	104.1	109.4	75.7	73	72.3	68.7	65	55.5
LT-3	0	8/22/2024	0:00:00	3600	68.3	103.9	94.8	45.8	104.1	105.8	75.3	71.5	70.7	66.1	61.5	51.3
LT-3	0	8/22/2024	1:00:00	3600	68.5	104.1	86.9	43.1	101.4	107.3	76.6	73.1	72.5	68.5	63	54.3
LT-3	0	8/22/2024	2:00:00	3600	68.4	104	89.5	38	103.7	110.5	76.4	73	72.2	67.4	61.7	47.7
LT-3	0	8/22/2024	3:00:00	3600	68.7	104.2	82.1	41.3	97.2	102.6	76.7	74	73.3	69	63.6	51
LT-3	0	8/22/2024	4:00:00	3600	70.6	106.2	85.3	44.9	101.1	108	77.9	75.4	74.9	71.3	67.2	58.2
LT-3	0	8/22/2024	5:00:00	3600	72.6	108.2	90	53.2	107.2	110.3	78.6	76.2	75.8	73.6	70.6	64.4
LT-3	0	8/22/2024	6:00:00	3600	74.3	109.9	95.9	59	116.5	119	79	76.8	76.4	74.5	72.5	68
LT-3	0	8/22/2024	7:00:00	3600	74	109.6	88.9	61.2	104.1	109.4	79.1	76.7	76.3	74.7	73	69.7
LT-3	0	8/22/2024	8:00:00	3600	74.3	109.9	93	63.9	111	112.8	79.4	76.9	76.6	74.7	72.8	69.4
LT-3	0	8/22/2024	9:00:00	3600	73.7	109.2	88.6	60.3	104	110	79	76.7	76.3	74.3	72.4	68.7
LT-3	0	8/22/2024	10:00:00	3600	73.8	109.4	85.1	61.2	100	107.6	78.9	76.9	76.5	74.6	72.7	68.8
LT-3	0	8/22/2024	11:00:00	3600	74.2	109.8	90.3	61.8	104.7	110.8	79.7	77.4	76.9	74.9	72.9	69.2
LT-3	0	8/22/2024	12:00:00	3600	74.4	109.9	89.4	62.7	104.4	107.1	79.7	77.2	76.8	74.9	73.2	69.6
LT-3	0	8/22/2024	13:00:00	3600	74.1	109.7	87.9	61.3	103.1	108.4	79.7	77.1	76.7	74.7	72.9	69.6
LT-3	0	8/22/2024	14:00:00	3600	74.2	109.8	87.3	62.5	105.9	110.9	79.4	76.9	76.6	74.9	73.1	70.1
LT-3	0	8/22/2024	15:00:00	3600	74.4	110	89.4	61.1	111.1	111.1	79.7	77.1	76.7	74.9	73.2	70.2
LT-3	0	8/22/2024	16:00:00	3600	74	109.6	89.6	62.4	111	116	79	76.6	76.2	74.6	73.1	70.1
LT-3	0	8/22/2024	17:00:00	3600	74.3	109.9	89.1	64.7	107.5	117.7	80	76.9	76.5	74.7	73.1	70.1
LT-3	0	8/22/2024	18:00:00	3600	74	109.6	91.4	60	114.3	118.1	79.6	76.9	76.5	74.6	72.6	68.6
LT-3	0	8/22/2024	19:00:00	3600	73	108.5	91.9	59.2	114.5	112.7	78.4	75.8	75.4	73.3	71.3	67.1
LT-3	0	8/22/2024	20:00:00	3600	72.7	108.3	96.9	55.5	112.5	115.3	78.1	75.5	75	72.7	70.4	65.9
LT-3	0	8/22/2024	21:00:00	3600	70.9	106.4	81.8	53.5	100.8	104.8	76.9	74.7	74.2	71.8	69.5	63.5
LT-3	0	8/22/2024	22:00:00	3600	74.3	109.9	101.6	49.1	119.7	121.6	77.7	74.6	74	70.9	68	61.1
LT-3	0	8/22/2024	23:00:00	3600	69.4	104.9	88.4	45.6	102.3	108	76.8	73.8	73.1	69.8	66.2	56.7
LT-3	0	8/23/2024	0:00:00	3600	68.2	103.8	90.8	42	105.1	111.7	75.9	72.9	72.1	68	63.7	52.8
LT-3	0	8/23/2024	1:00:00	3600	66.3	101.9	79.4	37.4	97.7	101.3	74.9	71.6	70.7	66.6	61.5	47.9
LT-3	0	8/23/2024	2:00:00	3600	67.3	102.8	86.2	37.4	100	107.1	75.9	72.8	71.8	66.8	60.7	46.9
LT-3	0	8/23/2024	3:00:00	3600	68.7	104.3	84.2	40.3	99	105.1	76.9	74.1	73.4	68.8	63.2	50.8
LT-3	0	8/23/2024	4:00:00	3600	70.8	106.4	87.2	47.7	100.1	108.9	77.9	75.6	75.1	71.6	67.5	59
LT-3	0	8/23/2024	5:00:00	3600	72.2	107.8	88	50.8	103.3	110.3	77.9	76.1	75.8	73.4	70.4	64.1
LT-3	0	8/23/2024	6:00:00	3600	73.9	109.5	93.2	56.5	112.1	113.2	79	76.8	76.4	74.5	72.3	68.1
LT-3	0	8/23/2024	7:00:00	3600	74.4	110	93.6	59.9	109.7	112.6	79.5	77.1	76.7	74.9	73.2	69.5
LT-3	0	8/23/2024	8:00:00	3600	73.8	109.4	88.9	62	105.8	111.7	79	76.7	76.3	74.6	72.8	69.3
LT-3	0	8/23/2024	9:00:00	3600	75.3	110.9	97.2	61.5	110.8	117.5	80.2	77.2	76.7	74.7	72.8	69.3
LT-3	0	8/23/2024	10:00:00	3600	73.9	109.4	88.9	60.8	103	107.8	79	76.7	76.4	74.6	72.6	69.1
LT-3	0	8/23/2024	11:00:00	3600	74	109.6	89.1	61.8	105.8	111.3	78.8	76.8	76.5	74.8	73	69.8
LT-3	0	8/23/2024	12:00:00	3600	75	110.5	97.5	61.7	113	118	79.9	77.1	76.7	74.9	73.2	70
LT-3	0	8/23/2024	13:00:00	3600	74.6	110.2	92.5	65.4	109.3	115.2	79.7	76.8	76.5	74.8	73.2	70.3
LT-3	0	8/23/2024	14:00:00	3600	75.2	110.8	96.4	66.2	114.2	117.4	80.3	77.2	76.8	74.9	73.3	70.4
LT-3	0	8/23/2024	15:00:00	3600	74.2	109.8	85.5	64.3	100.5	107.6	78.7	76.7	76.4	74.9	73.5	70.8
LT-3	0	8/23/2024	16:00:00	3600	74.7	110.3	91	64.9	107.8	111.1	80	76.9	76.5	74.9	73.4	70.8
LT-3	0	8/23/2024	17:00:00	3600	74.3	109.8	91.7	62.7	109.7	113.1	78.8	76.6	76.3	74.7	73.2	70.3
LT-3	0	8/23/2024	18:00:00	3600	74.5	110	94.9	59.8	112.5	117.4	79.8	76.5	76.1	74.5	72.7	69
LT-3	0	8/23/2024	19:00:00	3600	72.7	108.3	91.1	57.9	105.9	109.2	78.2	75.9	75.5	73.3	71.3	67.2
LT-3	0	8/23/2024	20:00:00	3600	71.8	107.4	87.2	57.7	104.1	121.2	77.1	75.1	74.7	72.6	70.5	65.8
LT-3	0	8/23/2024	21:00:00	3600	71.2	106.8	84.6	54.2	99.8	106	77	74.9	74.4	72	69.7	64
LT-3	0	8/23/2024	22:00:00	3600	70.5	106.1	84.6	51.7	99.7	108.2	77.1	74.5	74	71	68.5	62.5
LT-3	0	8/23/2024	23:00:00	3600	70.2	105.8	90.3	40.8	104.6	112	77.2	74	73.3	70	66.9	59.9
LT-3	0	8/24/2024	0:00:00	3600	70.9	106.5	99.5	39.8	117.5	120.9	76.6	73.3	72.5	68.7	65	55
LT-3	0	8/24/2024	1:00:00	3600	66.7	102.3	84.4	37.9	100.6	104.5	75.2	71.6	70.7	66.7	62.1	49.9
LT-3	0	8/24/2024	2:00:00	3600	67.7	103.3	88.5	33.5	107.2	110.8	76.7	72.5	71.3	66.1	59.4	45.8
LT-3	0	8/24/2024	3:00:00	3600	66.3	101.8	83	33.5	94.3	101.3	75.6	71.5	70.4	65.4	59.1	44.9
LT-3	0	8/24/2024	4:00:00	3600	67.7	103.3	84	34.1	96	104.8	76.1	73.1	72.3	67.8	62.1	47.4
LT-3	0	8/24/2024	5:00:00	3600	73.8	109.4	88.1	43.3	102.5	109.8	80.7	78.2	77.7	75	71.3	61.8
LT-3	0	8/24/2024	6:00:00	3600	76	111.6	87	58.7	102.3	106.7	81	79.4	79	77.2	75.1	69.9
LT-3	0	8/24/2024	7:00:00	3600	77	112.5	89.7	61.2	106	111.8	82.1	79.9	79.6	77.9	76.1	72.1
LT-3	0	8/24/2024	8:00:00	3600	77.4	113	84.9	66.3	101.5	106.6	81.6	80	79.8	78.4	77	73.4
LT-3	0	8/24/2024	9:00:00	3600	78.4	114	88.5	69.4	103.2	109	82.1	80.8	80.5	79.3	78	75.3
LT-3	0	8/24/2024	10:00:00	3600	78.1	113.6	88.2	68.9	103	108.6	81.8	80.4	80.1	78.9	77.7	74.9
LT-3	0	8/24/2024	11:00:00	3600	77.7	113.2	89	67	103	111.3	81.4	79.9	79.7	78.6	77.2	74.3
LT-3	0	8/24/2024	12:00:00	3600	76.8	112.4	91.9	63.1	106.3	109.4	81.3	79.2	78.9	77.5	76.1	73

LT-3	0	8/24/2024	13:00:00	3600	75.4	111	91.8	65.8	108.1	110.8	79.8	77.8	77.6	76.1	74.7	71.8
LT-3	0	8/24/2024	14:00:00	3600	74.2	109.8	85.6	64.1	104.2	105.7	78.6	76.8	76.5	75.1	73.7	70.3
LT-3	0	8/24/2024	15:00:00	3600	73.7	109.3	83.8	61.7	103.2	106	77.9	76.2	75.9	74.6	73.2	70.1
LT-3	0	8/24/2024	16:00:00	3600	73.9	109.4	87.5	62.7	105.7	112.7	78.8	76.3	75.9	74.5	73	69.8
LT-3	0	8/24/2024	17:00:00	3600	72.9	108.5	84.8	62	99.9	109.2	77.3	75.6	75.3	73.7	72.2	68.7
LT-3	0	8/24/2024	18:00:00	3600	72.8	108.3	89.3	60.3	107.4	109.6	77.7	75.4	75	73.3	71.6	67.4
LT-3	0	8/24/2024	19:00:00	3600	72.4	108	88.8	57.6	108.7	110.1	77.9	75.5	75.1	73	71	66.8
LT-3	0	8/24/2024	20:00:00	3600	71.8	107.4	88.7	55.8	103.2	109.6	77.1	75	74.6	72.6	70.5	65.8
LT-3	0	8/24/2024	21:00:00	3600	71.1	106.7	83.5	53.8	97.6	107.3	76.9	74.7	74.2	72	69.8	64.1
LT-3	0	8/24/2024	22:00:00	3600	70.8	106.3	85.4	50.3	98.1	106.6	76.8	74.5	74	71.7	69.3	63.3
LT-3	0	8/24/2024	23:00:00	3600	69.3	104.8	86.1	45	105.5	108.8	76.2	73.1	72.5	70.1	67.2	59.5
LT-3	0	8/25/2024	0:00:00	3600	69.3	104.8	91.7	45.1	106.9	110.3	76.6	73	72.2	69	65.1	55.5
LT-3	0	8/25/2024	1:00:00	3600	67.6	103.1	83.9	44.9	99.4	105.7	76.5	72.4	71.5	67.4	62.2	50.6
LT-3	0	8/25/2024	2:00:00	3600	66.3	101.9	83	39.7	99.1	107.8	75.7	71.3	70.2	65.8	59.9	47.5
LT-3	0	8/25/2024	3:00:00	3600	65.8	101.4	86.4	36.9	102.8	106.8	75.1	70.3	69.4	64.5	57.1	46.2
LT-3	0	8/25/2024	4:00:00	3600	65.6	101.2	86.1	35.9	99.9	107.3	75	70	69.2	64.6	58.4	46.7
LT-3	0	8/25/2024	5:00:00	3600	67.6	103.1	83.7	45.2	99.9	106.8	75.8	72.1	71.4	68.1	63	52
LT-3	0	8/25/2024	6:00:00	3600	70.5	106.1	85.4	48.4	100.3	107.3	77.7	74.6	73.9	71	67.8	59.8
LT-3	0	8/25/2024	7:00:00	3600	71.5	107.1	86.9	52.2	100.6	107.8	77.9	75.2	74.8	72.4	69.7	63
LT-3	0	8/25/2024	8:00:00	3600	71.6	107.1	84	54	99.7	104.8	77	74.8	74.4	72.5	70.5	65.7
LT-3	0	8/25/2024	9:00:00	3600	72.9	108.4	90.5	59.7	105.9	110.8	78.3	75.8	75.3	73.2	71.3	67.3
LT-3	0	8/25/2024	10:00:00	3600	73.4	109	91.5	60.5	106.6	111.8	79.1	76.1	75.7	73.8	71.9	68.3
LT-3	0	8/25/2024	11:00:00	3600	73.3	108.9	88.2	62.2	102.4	109.2	78.5	76	75.6	73.7	72.1	69.1
LT-3	0	8/25/2024	12:00:00	3600	73.7	109.3	88.2	63.1	103.9	107.3	79.1	76.7	76.2	74.3	72.7	69.4
LT-3	0	8/25/2024	13:00:00	3600	73.4	109	87.5	63.1	104.9	110.8	78.9	76	75.6	73.8	72.3	69.1
LT-3	0	8/25/2024	14:00:00	3600	76.1	111.7	100.2	61	116.9	121.2	80	76	75.6	73.9	72.3	68.6
LT-3	0	8/25/2024	15:00:00	3600	73.3	108.9	87	59.7	108.4	110.8	78.5	75.9	75.6	73.9	72.3	69.1
LT-3	0	8/25/2024	16:00:00	3600	73	108.6	86.4	61.3	102.5	108.2	78.4	75.8	75.4	73.6	72	68.7
LT-3	0	8/25/2024	17:00:00	3600	72.5	108.1	88.4	60	107.8	111.8	77.9	75.1	74.8	73	71.3	67.5
LT-3	0	8/25/2024	18:00:00	3600	72.2	107.8	92	59	113.3	115.3	77.2	74.8	74.4	72.6	70.7	67
LT-3	0	8/25/2024	19:00:00	3600	71.7	107.3	88.4	55.8	103.8	109.8	77.5	74.6	74	72.1	70.2	66.3
LT-3	0	8/25/2024	20:00:00	3600	71.1	106.6	88.5	56.9	105.8	109	77.6	74.1	73.6	71.2	68.9	64.3
LT-3	0	8/25/2024	21:00:00	3600	69.7	105.2	84.8	52	100.6	105.1	76	73.5	72.9	70.3	67.9	62.4
LT-3	0	8/25/2024	22:00:00	3600	68.9	104.5	90.4	47.7	105.7	110.9	75.5	72.5	71.9	69.4	66.6	59.1
LT-3	0	8/25/2024	23:00:00	3600	66.9	102.5	81.5	40.2	95.6	102.2	74.6	70.8	70.2	67.6	64.3	54.7
LT-3	0	8/26/2024	0:00:00	3600	66.8	102.3	84.7	42.8	97.8	108.2	74.6	71.1	70.4	67.3	63.6	52
LT-3	0	8/26/2024	1:00:00	3600	66.1	101.7	87.2	38.9	100.4	108.4	74.5	70.7	69.8	66	60.4	48.1
LT-3	0	8/26/2024	2:00:00	3600	66.2	101.8	81.7	39.5	93.2	103	75.7	71.4	70.3	65.8	59.5	47.4
LT-3	0	8/26/2024	3:00:00	3600	67.8	103.4	84.9	40.3	103.7	106.8	76.3	73	72.1	67.7	63	51.4
LT-3	0	8/26/2024	4:00:00	3600	69.9	105.5	81.9	47	98	103.8	77.2	74.6	74	70.6	66.8	58.1
LT-3	0	8/26/2024	5:00:00	3600	73	108.5	90.2	52.1	110.6	112.6	78.6	76.5	76.1	73.8	71.1	64.6
LT-3	0	8/26/2024	6:00:00	3600	74.3	109.9	92	59.3	108	112	79.9	77.2	76.8	74.9	72.8	68.3
LT-3	0	8/26/2024	7:00:00	3600	74.2	109.8	86.2	61.3	102.4	106.8	79	77	76.7	75.1	73.2	69.8
LT-3	0	8/26/2024	8:00:00	3600	73.2	108.8	90.5	59	109.4	113.6	78.2	75.9	75.6	73.9	72.2	68.9
LT-3	0	8/26/2024	9:00:00	3600	73	108.5	87.4	58.8	99.7	108.2	78.1	76	75.7	73.8	71.9	67.7
LT-3	0	8/26/2024	10:00:00	3600	73.3	108.8	87	60	104.1	109.6	78.6	76.5	76.1	74	72	68.4
LT-3	0	8/26/2024	11:00:00	3600	73.4	108.9	86.6	60	101.5	108.8	78.9	76.4	75.9	74.1	72.2	68.2
LT-3	0	8/26/2024	12:00:00	3600	73.9	109.4	89.3	61.9	108.8	112.1	79.2	76.8	76.4	74.5	72.6	69.1
LT-3	0	8/26/2024	13:00:00	3600	73.5	109.1	93.1	62.1	107.9	112.8	78.5	76.1	75.7	74	72.3	68.8
LT-3	0	8/26/2024	14:00:00	3600	74	109.6	93.4	63.6	109.5	112.9	79.2	76.8	76.3	74.4	72.5	69.1
LT-3	0	8/26/2024	15:00:00	3600	73.7	109.2	88.6	58.8	112.5	116.2	78.6	76.4	76	74.3	72.6	69.5
LT-3	0	8/26/2024	16:00:00	3600	74.2	109.7	95.8	62.2	112.7	116.5	78.8	76.5	76	74.2	72.6	69.4
LT-3	0	8/26/2024	17:00:00	3600	73.5	109	88.3	60.8	101.4	108.6	79	76.2	75.8	73.8	72.2	68.6
LT-3	0	8/26/2024	18:00:00	3600	72.9	108.5	91.1	57.6	114	117.1	78.8	75.9	75.5	73.3	71.2	67.2
LT-3	0	8/26/2024	19:00:00	3600	71.4	106.9	88.6	53.7	105.8	108.8	77.3	74.7	74.2	71.9	69.5	64.3
LT-3	0	8/26/2024	20:00:00	3600	70.8	106.3	85.2	55.2	103.5	107.3	77	74.5	73.9	71.5	68.9	63.5
LT-3	0	8/26/2024	21:00:00	3600	70.1	105.7	89.2	48.4	104.8	111.6	76.7	73.8	73.2	70.5	67.7	60.8
LT-3	0	8/26/2024	22:00:00	3600	69.2	104.8	85.8	46	100.5	106.8	76.9	73.5	72.7	69.3	66.3	58.3
LT-3	0	8/26/2024	23:00:00	3600	68.3	103.9	87.3	46.4	104.4	108.4	75.9	72.8	72	68.4	64.4	54.6
LT-3	0	8/27/2024	0:00:00	3600	68.3	103.9	88.9	42.8	102	107.6	76.1	73	72.2	67.7	63.1	52.3
LT-3	0	8/27/2024	1:00:00	3600	67.5	103.1	89	41.8	106.8	110.6	75.9	72.5	71.6	67	61.5	49.8
LT-3	0	8/27/2024	2:00:00	3600	67.7	103.3	85.6	41.5	105	107.3	76	73	72.2	67.1	61.3	49.3
LT-3	0	8/27/2024	3:00:00	3600	68	103.6	81.3	43.1	95.6	102.6	76.1	73.6	72.9	68.2	62.8	51.3
LT-3	0	8/27/2024	4:00:00	3600	70	105.6	82.8	43.5	95.6	106.6	77.2	74.8	74.3	71	66.7	57.7
LT-3	0	8/27/2024	5:00:00	3600	72.1	107.7	86.2	55.8	103.2	108.4	77.7	75.7	75.4	73.3	70.6	64.8
LT-3	0	8/27/2024	6:00:00	3600	73.5	109.1	89.1	60.6	104.6	111.7	78.6	76.5	76.1	74.4	72.3	68.1
LT-3	0	8/27/2024	7:00:00	3600	73.3	108.9	85.3	62.7	99.7	107.3	77.8	76.1	75.8	74.2	72.6	69.4
LT-3	0	8/27/2024	8:00:00	3600	73	108.6	84.2	61.6	101.8	106.3	78.2	75.8	75.5	73.7	72.1	68.6
LT-3	0	8/27/2024	9:00:00	3600	73.1	108.7	88.3	59.1	105.6	109.6	78.5	76	75.7	73.8	71.9	68.3
LT-3	0	8/27/2024	10:00:00	3600	72.9	108.4	87.4	60.9	102.2	108.8	77.9	75.9	75.6	73.8	71.7	67.9
LT-3	0	8/27/2024	11:00:00	3600	73.2	108.8	89.1	61.2	103.7	110.6	78.3	76.2	75.8	74	72.1	68.2
LT-3	0	8/27/2024	12:00:00	3600	73.1	108.7	84.9	62.5	98.2	104.5	78.5	76.3	75.9	74	72	68.5
LT-3	0	8/27/2024	13:00:00	3600	73.3	108.9	85	61.2	106.1	105.4	78.7	76.5	76	74.2	72.2	68.4
LT-3	0	8/27/2024	14:00:00	3600	73.6	109.1	84.9	62.1	102.1	105.1	78.8	76.5	76.1	74.4	72.6	69.1
LT-3	0	8/27/2024	15:00:00	3600	74.2	109.8	97.1	64.3	119.3	120.6	78.9	76.6	76.2	74.5	72.7	69.4
LT-3	0	8/27/2024	16:00:00	3600	73.5	109.1	87.4	62.8	102.5	111.1	78.7	76.3	75.9	74.2	72.6	69.3

LT-3	0	8/27/2024	17:00:00	3600	73	108.6	86.7	58.3	100.4	106.6	78	75.8	75.4	73.7	72.1	68.7
LT-3	0	8/27/2024	18:00:00	3600	72.9	108.4	90.1	57.5	106.7	111.3	78.1	75.7	75.3	73.3	71.3	67.1
LT-3	0	8/27/2024	19:00:00	3600	71.1	106.7	83.4	56.7	96.5	106.8	76.9	74.7	74.2	71.9	69.8	64.9
LT-3	0	8/27/2024	20:00:00	3600	71.1	106.7	89	56.1	103.9	106.8	77.2	74.5	73.9	71.5	69	64.4
LT-3	0	8/27/2024	21:00:00	3600	73.7	109.3	101.4	51.4	118	120.9	78.4	75	74.6	71.9	68.9	63.2
LT-3	0	8/27/2024	22:00:00	3600	69	104.6	86.3	46.9	102.4	106.6	76.2	73.2	72.6	69.2	66	58.2
LT-3	0	8/27/2024	23:00:00	3600	68.7	104.2	85.9	45	101.3	108	75.7	73.3	72.7	69.2	65.4	56.9
LT-3	0	8/28/2024	0:00:00	3600	67.2	102.7	84.2	42.2	97.1	104.1	75	72.3	71.6	67.5	62.9	51.6
LT-3	0	8/28/2024	1:00:00	3600	66.9	102.4	85.5	39.4	97.8	106.6	75.3	72.4	71.5	66.6	61	48.7
LT-3	0	8/28/2024	2:00:00	3600	66.5	102.1	83.9	36.9	100.5	104.5	75.6	72.1	71.1	65.4	59.4	47.4
LT-3	0	8/28/2024	3:00:00	3600	68.2	103.8	84.7	44.1	98.7	104.8	76.2	73.6	73	68.3	63.3	51.8
LT-3	0	8/28/2024	4:00:00	3600	69.7	105.3	89	45.1	105	109.8	76.6	74.4	73.9	70.3	65.9	57.4
LT-3	0	8/28/2024	5:00:00	3600	71.9	107.4	85.3	54.1	99	106.6	77.7	75.7	75.2	73.1	70.1	64.1
LT-3	0	8/28/2024	6:00:00	3600	73	108.6	88.7	61.7	105.7	110	78.7	76	75.7	73.8	71.8	67.4
LT-3	0	8/28/2024	7:00:00	3600	73.7	109.2	94.8	61.2	112.1	114	78.4	76	75.7	74	72.4	69.1
LT-3	0	8/28/2024	8:00:00	3600	73.3	108.8	91.2	62.4	107.7	113.6	78.6	76.2	75.8	73.8	71.9	68.5
LT-3	0	8/28/2024	9:00:00	3600	73.5	109.1	94.5	59.5	112.2	114.8	79	76.1	75.7	73.6	71.7	68
LT-3	0	8/28/2024	10:00:00	3600	73	108.6	91	60	107.2	114	78.3	76.1	75.7	73.7	71.8	68.1
LT-3	0	8/28/2024	11:00:00	3600	73.3	108.9	89.6	61.5	104.4	111.4	78.8	76.2	75.8	73.8	72.1	68.3
LT-3	0	8/28/2024	12:00:00	3600	73.7	109.2	97.7	60.5	116.9	118.8	78.6	76.2	75.8	73.9	72	68.4
LT-3	0	8/28/2024	13:00:00	3600	73.8	109.4	88.4	59.6	103.5	110.1	79.7	76.7	76.2	74.3	72.3	68.4
LT-3	0	8/28/2024	14:00:00	3600	73.5	109.1	86.5	61.7	103.4	108.2	78.6	76.5	76.1	74.4	72.6	69.1
LT-3	0	8/28/2024	15:00:00	3600	73.6	109.1	89	63.1	105.1	110.1	78.6	76.5	76	74.2	72.5	69.4
LT-3	0	8/28/2024	16:00:00	3600	73.8	109.3	92.7	63.2	105.7	110.1	78.8	76.3	75.9	74.3	72.7	69.6
LT-3	0	8/28/2024	17:00:00	3600	73.7	109.3	92.5	62.7	108.1	114.8	79.7	76.4	75.9	73.8	72.1	69.1
LT-3	0	8/28/2024	18:00:00	3600	72.8	108.3	88.9	57.6	106.4	108.4	78.2	75.8	75.4	73.5	71.4	67.4
LT-3	0	8/28/2024	19:00:00	3600	71.6	107.2	91.4	51.1	108.1	110.1	77.7	74.7	74.2	71.7	69.5	65.1
LT-3	0	8/28/2024	20:00:00	3600	70.6	106.2	86.1	54.1	99.9	105.7	76.8	74	73.6	71.2	69	64.1
LT-3	0	8/28/2024	21:00:00	3600	69.9	105.4	85	52.2	102.3	106.6	76.2	73.7	73.2	70.5	67.9	62.1
LT-3	0	8/28/2024	22:00:00	3600	68.5	104.1	87.8	48.1	106.4	112.4	75.6	72.6	71.8	68.8	66.1	59.3
LT-3	0	8/28/2024	23:00:00	3600	68.1	103.7	86.9	42.7	105.7	108.4	75.3	73	72.4	68.7	64.9	54.6
LT-3	0	8/29/2024	0:00:00	3600	66.7	102.3	83.2	39.2	98.6	105.4	75	71.7	70.8	66.5	61.7	50
LT-3	0	8/29/2024	1:00:00	3600	65.9	101.5	80.2	40.1	96.7	101.3	74.6	71.3	70.3	65.9	60.7	49.1
LT-3	0	8/29/2024	2:00:00	3600	66.2	101.8	83.3	40.7	96.5	103	75.2	71.6	70.8	65.8	60.2	49.1
LT-3	0	8/29/2024	3:00:00	3600	67.4	103	86.4	39.8	102	108.1	75.5	72.7	71.9	67.4	62.3	51.3
LT-3	0	8/29/2024	4:00:00	3600	70	105.6	87.5	46.7	105.7	108.8	77.1	74.6	74	70.6	66.2	56.9
LT-3	0	8/29/2024	5:00:00	3600	71.8	107.3	87.8	53.3	103	109.2	77.7	75.5	75.1	72.9	69.8	63.4
LT-3	0	8/29/2024	6:00:00	3600	73.1	108.7	88.4	58.5	106.3	110.5	78.6	76.2	75.8	73.9	71.8	67.4
LT-3	0	8/29/2024	7:00:00	3600	73.9	109.5	96.6	62.2	111.7	114.8	78.7	76.5	76	74.4	72.5	69.1
LT-3	0	8/29/2024	8:00:00	3600	73	108.5	82.7	62.1	99.3	106.8	78	75.9	75.5	73.8	72	68.8
LT-3	0	8/29/2024	9:00:00	3600	73	108.6	91	57.1	109.5	114.2	78	75.9	75.6	73.7	71.6	68
LT-3	0	8/29/2024	10:00:00	3600	73.2	108.8	95.3	62	110.2	116.4	78.6	75.9	75.6	73.6	71.6	67.7
LT-3	0	8/29/2024	11:00:00	3600	73.6	109.2	90.7	60.9	106.4	110.5	79.1	76.5	76.1	74.2	72.2	68.5
LT-3	0	8/29/2024	12:00:00	3600	73.3	108.9	95.8	60.6	108.9	116.9	78	75.9	75.6	73.8	72	68.5
LT-3	0	8/29/2024	13:00:00	3600	73.4	109	86.7	61.8	100.3	107.8	78.5	76.4	76	74.1	72.4	69.2
LT-3	0	8/29/2024	14:00:00	3600	73.8	109.4	89.2	60.4	106.3	108.8	79	76.7	76.3	74.5	72.7	69.5
LT-3	0	8/29/2024	15:00:00	3600	73.7	109.2	86.1	62	106	107.1	78.6	76.5	76	74.4	72.8	69.4
LT-3	0	8/29/2024	16:00:00	3600	73.5	109.1	93.1	61.2	107.2	111.6	78	75.9	75.6	74	72.5	69.4
LT-3	0	8/29/2024	17:00:00	3600	73.2	108.8	89.3	61.8	103.2	110.5	78.5	75.8	75.4	73.7	72.1	69
LT-3	0	8/29/2024	18:00:00	3600	72.7	108.2	89.4	60.8	104.4	106.8	78.4	75.7	75.3	73.3	71.4	67.4
LT-3	0	8/29/2024	19:00:00	3600	71.8	107.4	85.2	57.1	102.6	107.8	77.7	75	74.6	72.5	70.4	65.9
LT-3	0	8/29/2024	20:00:00	3600	71.8	107.3	90.8	54.6	107.3	110	77.4	74.8	74.3	72	70	65.4
LT-3	0	8/29/2024	21:00:00	3600	70.6	106.1	85.6	50.8	100	108.8	77.4	74.1	73.6	70.9	68.5	62.7
LT-3	0	8/29/2024	22:00:00	3600	70.3	105.9	91.4	51.4	106.5	112.6	76.6	73.4	72.8	69.9	67.2	60.9
LT-3	0	8/29/2024	23:00:00	3600	68.5	104.1	84.7	42.8	102	106.3	75.8	72.7	72	69	65.8	56.8
LT-3	0	8/30/2024	0:00:00	3600	67.9	103.4	85.9	42.1	102.3	111.6	75.9	72.4	71.6	67.2	63	51.7
LT-3	0	8/30/2024	1:00:00	3600	66.7	102.3	88.1	39.3	102.9	112.3	75.2	71.6	70.6	66	60.5	48.5
LT-3	0	8/30/2024	2:00:00	3600	66.5	102.1	82.5	40.2	95	106.6	75	72	71.1	66.1	60.7	49.5
LT-3	0	8/30/2024	3:00:00	3600	67.6	103.2	81.5	44.6	97.5	101.3	75.8	73	72.4	68	62.8	52.6
LT-3	0	8/30/2024	4:00:00	3600	69.2	104.8	85.4	45.8	99.5	107.8	76.4	74	73.5	70.1	66	57.1
LT-3	0	8/30/2024	5:00:00	3600	71.2	106.8	83.7	48.5	99.7	107.8	77.4	75.2	74.8	72.4	69.1	62.6
LT-3	0	8/30/2024	6:00:00	3600	72.5	108.1	86.1	59.3	102.5	107.8	77.9	75.7	75.3	73.4	71.2	66.7
LT-3	0	8/30/2024	7:00:00	3600	73.7	109.3	95.3	56.5	111.1	114.8	78.8	76.3	75.9	74.1	72.2	68.6
LT-3	0	8/30/2024	8:00:00	3600	73	108.5	88.4	58.3	104.1	108	77.9	75.9	75.6	73.7	71.9	68.5
LT-3	0	8/30/2024	9:00:00	3600	73.3	108.9	92.4	61.5	109.3	113.4	78.4	75.9	75.5	73.7	71.8	68.2
LT-3	0	8/30/2024	10:00:00	3600	73.7	109.3	92.4	60	108.2	114.9	79.1	76.2	75.8	74	72.2	68.7
LT-3	0	8/30/2024	11:00:00	251.4	75.1	99.1	90.6	63.6	112.5	119.4	82	78.3	77.6	74.5	72.2	68.4

Meas Location	Date	Time	Duration (sec)	Leq	SEL	Lmax	Lmin	L(2)	L(8)	L(25)	L(50)	L(90)
LT-4	9/5/2024	14:00:37	00:59:22.5	58.0	93.5	83.6	36.5	60.5	47.8	41.6	39.8	37.6
LT-4	9/5/2024	15:00:00	01:00:00.0	39.3	74.8	61.6	35.6	42.7	40.4	39.0	38.3	37.0
LT-4	9/5/2024	16:00:00	01:00:00.0	40.2	75.7	59.4	35.4	45.0	41.4	39.3	38.2	36.9
LT-4	9/5/2024	17:00:00	01:00:00.0	42.2	77.8	60.6	33.8	47.1	40.9	38.9	37.8	36.0
LT-4	9/5/2024	18:00:00	01:00:00.0	67.7	103.3	89.8	35.3	76.0	69.9	41.4	39.7	37.6
LT-4	9/5/2024	19:00:00	01:00:00.0	72.3	107.9	92.1	37.3	81.1	76.2	66.9	62.5	43.5
LT-4	9/5/2024	20:00:00	01:00:00.0	52.3	87.8	64.0	45.8	55.9	53.2	52.5	51.7	50.3
LT-4	9/5/2024	21:00:00	01:00:00.0	52.9	88.5	69.4	47.6	57.6	54.4	52.4	51.6	50.0
LT-4	9/5/2024	22:00:00	01:00:00.0	58.6	94.2	65.8	49.7	63.3	62.9	59.1	55.7	53.5
LT-4	9/5/2024	23:00:00	01:00:00.0	68.6	104.2	90.7	54.3	75.8	69.6	56.4	55.7	55.1
LT-4	9/6/2024	0:00:00	01:00:00.0	58.0	93.5	63.9	54.3	63.0	62.6	56.2	55.8	55.2
LT-4	9/6/2024	1:00:00	01:00:00.0	61.4	97.0	91.5	45.7	63.4	62.4	51.8	50.3	48.2
LT-4	9/6/2024	2:00:00	01:00:00.0	50.4	86.0	54.0	45.8	52.3	51.8	51.3	50.6	48.1
LT-4	9/6/2024	3:00:00	01:00:00.0	49.5	85.1	56.8	44.4	52.0	51.2	50.6	49.5	46.9
LT-4	9/6/2024	4:00:00	01:00:00.0	70.4	106.0	91.6	43.7	81.1	53.4	50.8	49.5	47.4
LT-4	9/6/2024	5:00:00	01:00:00.0	62.5	98.1	70.6	44.2	67.0	65.4	64.8	61.8	48.8
LT-4	9/6/2024	6:00:00	01:00:00.0	58.9	94.4	69.5	49.6	65.5	64.7	61.6	53.2	51.5
LT-4	9/6/2024	7:00:00	01:00:00.0	69.4	105.0	93.4	49.9	77.1	57.8	54.9	53.7	52.0
LT-4	9/6/2024	8:00:00	01:00:00.0	68.8	104.4	91.2	47.4	74.9	68.2	55.2	53.4	49.7
LT-4	9/6/2024	9:00:00	01:00:00.0	76.7	112.2	108.5	41.5	75.0	49.9	48.3	47.2	44.0
LT-4	9/6/2024	10:00:00	01:00:00.0	45.4	80.9	56.7	38.1	49.5	47.8	46.3	45.2	41.2
LT-4	9/6/2024	11:00:00	01:00:00.0	67.4	102.9	91.2	38.3	75.8	55.2	44.5	41.8	39.9
LT-4	9/6/2024	12:00:00	01:00:00.0	55.7	91.3	83.8	37.2	53.7	44.9	42.2	40.4	38.8
LT-4	9/6/2024	13:00:00	01:00:00.0	46.0	81.5	69.6	36.9	51.7	46.0	41.4	39.3	37.9
LT-4	9/6/2024	14:00:00	01:00:00.0	74.9	110.4	105.7	36.0	47.7	42.2	40.2	39.2	37.8
LT-4	9/6/2024	15:00:00	01:00:00.0	67.7	103.3	89.2	36.1	76.5	70.7	42.3	39.5	37.6
LT-4	9/6/2024	16:00:00	01:00:00.0	39.7	75.2	53.2	34.5	45.7	41.9	39.6	38.4	36.8
LT-4	9/6/2024	17:00:00	01:00:00.0	39.2	74.8	55.7	33.5	45.7	40.6	38.3	37.1	35.4
LT-4	9/6/2024	18:00:00	01:00:00.0	43.3	78.8	63.7	32.1	50.1	43.8	38.9	37.0	34.4
LT-4	9/6/2024	19:00:00	01:00:00.0	65.2	100.7	94.6	35.9	67.0	65.4	64.9	62.2	52.3
LT-4	9/6/2024	20:00:00	01:00:00.0	62.8	98.4	67.5	61.7	65.5	64.9	62.6	62.4	62.1
LT-4	9/6/2024	21:00:00	01:00:00.0	57.7	93.3	65.7	48.2	65.0	62.7	54.4	52.6	50.8
LT-4	9/6/2024	22:00:00	01:00:00.0	66.5	102.1	91.4	47.6	76.0	54.3	52.8	51.9	50.3
LT-4	9/6/2024	23:00:00	01:00:00.0	69.0	104.5	90.1	47.9	76.1	70.4	57.5	56.5	50.1
LT-4	9/7/2024	0:00:00	01:00:00.0	54.5	90.1	64.2	47.3	62.4	57.7	56.5	51.8	49.7
LT-4	9/7/2024	1:00:00	01:00:00.0	52.3	87.8	56.6	47.5	53.9	53.7	53.0	52.3	50.5
LT-4	9/7/2024	2:00:00	01:00:00.0	51.6	87.2	54.1	47.3	53.3	52.9	52.2	51.7	50.0
LT-4	9/7/2024	3:00:00	01:00:00.0	54.3	89.8	64.1	45.6	63.0	62.4	51.5	50.5	47.9
LT-4	9/7/2024	4:00:00	01:00:00.0	49.0	84.6	54.1	42.4	51.6	50.8	50.1	49.1	45.6
LT-4	9/7/2024	5:00:00	01:00:00.0	73.2	108.8	102.8	40.9	79.0	56.9	50.4	49.2	45.1
LT-4	9/7/2024	6:00:00	01:00:00.0	55.8	91.4	70.5	44.9	65.4	53.5	51.1	49.7	47.1
LT-4	9/7/2024	7:00:00	01:00:00.0	70.2	105.7	94.3	48.0	76.3	65.7	63.2	62.8	51.7
LT-4	9/7/2024	8:00:00	01:00:00.0	68.2	103.8	91.5	46.0	75.5	56.9	50.7	49.6	48.1
LT-4	9/7/2024	9:00:00	01:00:00.0	72.0	107.6	102.5	40.3	76.0	52.0	48.3	45.8	42.7
LT-4	9/7/2024	10:00:00	01:00:00.0	41.8	77.4	55.6	35.3	48.9	44.7	41.4	40.1	38.0
LT-4	9/7/2024	11:00:00	01:00:00.0	56.1	91.7	84.0	35.8	48.0	43.4	40.7	39.4	37.8
LT-4	9/7/2024	12:00:00	01:00:00.0	43.3	78.8	67.9	36.3	46.4	42.9	41.4	40.4	38.8
LT-4	9/7/2024	13:00:00	01:00:00.0	73.7	109.2	104.6	37.1	51.6	45.5	43.3	41.9	39.8
LT-4	9/7/2024	14:00:00	01:00:00.0	44.3	79.9	64.8	36.9	50.1	46.1	44.0	42.5	39.6
LT-4	9/7/2024	15:00:00	01:00:00.0	43.1	78.7	61.8	37.3	49.0	45.2	43.0	41.5	39.3
LT-4	9/7/2024	16:00:00	01:00:00.0	45.3	80.9	70.3	34.7	47.7	43.2	41.2	39.8	37.5
LT-4	9/7/2024	17:00:00	01:00:00.0	68.0	103.6	90.5	36.1	76.8	70.3	42.1	40.3	38.1
LT-4	9/7/2024	18:00:00	01:00:00.0	41.2	76.7	57.1	35.8	47.4	43.6	41.0	39.8	38.0
LT-4	9/7/2024	19:00:00	01:00:00.0	60.7	96.2	76.8	33.8	67.5	64.6	61.7	61.2	37.9
LT-4	9/7/2024	20:00:00	01:00:00.0	63.8	99.4	82.7	61.3	67.8	66.7	64.3	62.2	61.8
LT-4	9/7/2024	21:00:00	01:00:00.0	62.7	98.2	67.3	61.4	65.3	64.7	62.4	62.1	61.9

LT-4	9/7/2024	22:00:00	01:00:00.0	70.0	105.6	92.0	61.4	77.2	66.3	62.5	62.2	62.0
LT-4	9/7/2024	23:00:00	01:00:00.0	62.7	98.2	67.5	61.5	65.1	64.7	62.5	62.3	62.0
LT-4	9/8/2024	0:00:00	01:00:00.0	70.1	105.7	99.9	61.3	66.5	64.7	62.4	62.1	61.8
LT-4	9/8/2024	1:00:00	01:00:00.0	62.3	97.9	65.9	61.3	64.8	63.5	62.2	62.0	61.8
LT-4	9/8/2024	2:00:00	01:00:00.0	66.5	102.0	73.5	61.6	72.7	72.5	64.7	62.3	62.0
LT-4	9/8/2024	3:00:00	01:00:00.0	66.9	102.5	73.5	61.6	72.8	72.5	64.8	62.3	62.1
LT-4	9/8/2024	4:00:00	01:00:00.0	67.4	102.9	73.6	61.5	72.8	72.6	65.1	62.2	61.9
LT-4	9/8/2024	5:00:00	01:00:00.0	71.6	107.2	91.5	61.5	79.6	72.9	67.0	62.2	61.9
LT-4	9/8/2024	6:00:00	01:00:00.0	72.2	107.7	100.5	61.5	73.7	73.0	72.5	62.4	62.0
LT-4	9/8/2024	7:00:00	01:00:00.0	69.6	105.1	94.5	46.1	73.3	72.5	64.8	62.2	49.0
LT-4	9/8/2024	8:00:00	01:00:00.0	49.6	85.2	65.4	45.1	54.2	51.6	49.7	48.7	47.0
LT-4	9/8/2024	9:00:00	01:00:00.0	45.6	81.2	58.3	38.2	50.3	48.3	46.7	44.6	41.8
LT-4	9/8/2024	10:00:00	01:00:00.0	41.2	76.8	57.3	36.5	45.7	43.1	41.6	40.5	38.4
LT-4	9/8/2024	11:00:00	01:00:00.0	71.2	106.8	103.1	34.9	71.3	47.2	40.8	39.2	37.0
LT-4	9/8/2024	12:00:00	01:00:00.0	38.5	74.1	48.9	34.7	42.9	40.9	38.8	37.8	36.3
LT-4	9/8/2024	13:00:00	01:00:00.0	64.8	100.4	96.2	34.3	51.4	45.0	40.3	38.6	36.7
LT-4	9/8/2024	14:00:00	01:00:00.0	38.6	74.2	51.9	34.1	44.4	40.2	38.5	37.5	35.9
LT-4	9/8/2024	15:00:00	01:00:00.0	43.5	79.0	61.8	33.2	50.4	43.2	39.2	37.7	35.5
LT-4	9/8/2024	16:00:00	01:00:00.0	40.0	75.5	54.5	32.1	46.5	44.1	40.9	36.8	34.0
LT-4	9/8/2024	17:00:00	01:00:00.0	37.7	73.2	53.3	31.6	45.4	39.3	36.9	35.6	33.7
LT-4	9/8/2024	18:00:00	01:00:00.0	40.7	76.2	60.8	31.0	50.3	42.4	37.5	35.2	32.9
LT-4	9/8/2024	19:00:00	01:00:00.0	59.5	95.0	67.9	33.0	63.3	63.1	62.7	57.2	40.3
LT-4	9/8/2024	20:00:00	01:00:00.0	60.8	96.4	78.6	56.0	63.9	63.5	63.1	58.0	57.0
LT-4	9/8/2024	21:00:00	01:00:00.0	68.4	104.0	93.9	56.0	76.6	63.6	62.8	61.2	56.9
LT-4	9/8/2024	22:00:00	01:00:00.0	60.0	95.6	63.5	56.1	63.2	63.0	62.6	57.7	57.0
LT-4	9/8/2024	23:00:00	01:00:00.0	59.9	95.5	66.1	56.0	63.2	62.9	62.5	57.8	56.8
LT-4	9/9/2024	0:00:00	01:00:00.0	59.9	95.5	63.7	55.8	63.1	62.9	62.5	57.7	56.6
LT-4	9/9/2024	1:00:00	01:00:00.0	59.9	95.4	64.0	55.8	63.2	62.9	62.5	57.5	56.5
LT-4	9/9/2024	2:00:00	01:00:00.0	76.4	111.9	107.6	55.7	77.0	72.7	72.0	62.5	56.5
LT-4	9/9/2024	3:00:00	01:00:00.0	60.0	95.6	64.2	56.0	63.3	63.0	62.6	57.5	56.7
LT-4	9/9/2024	4:00:00	01:00:00.0	60.4	95.9	78.5	55.4	63.4	63.0	62.7	57.5	56.5
LT-4	9/9/2024	5:00:00	01:00:00.0	60.2	95.7	65.8	55.9	63.3	63.0	62.6	57.7	56.7
LT-4	9/9/2024	6:00:00	01:00:00.0	57.8	93.3	66.9	48.4	63.4	63.0	58.0	53.1	50.7
LT-4	9/9/2024	7:00:00	01:00:00.0	71.5	107.1	100.5	48.2	78.2	54.7	52.9	52.0	50.6
LT-4	9/9/2024	8:00:00	01:00:00.0	55.4	90.9	76.7	46.0	60.7	53.4	51.6	50.7	48.8
LT-4	9/9/2024	9:00:00	01:00:00.0	50.5	86.1	75.1	43.6	52.2	50.1	48.8	47.7	46.0
LT-4	9/9/2024	10:00:00	01:00:00.0	56.0	91.5	80.0	38.4	57.2	49.9	47.9	46.8	41.1
LT-4	9/9/2024	11:00:00	01:00:00.0	57.7	93.3	86.0	38.1	51.7	47.2	45.2	43.0	40.0
LT-4	9/9/2024	12:00:00	01:00:00.0	43.5	79.0	53.7	39.5	48.0	46.2	43.7	42.4	40.9
LT-4	9/9/2024	13:00:00	01:00:00.0	44.7	80.3	66.6	39.5	49.8	45.2	43.4	42.4	41.0
LT-4	9/9/2024	14:00:00	01:00:00.0	43.7	79.3	53.0	38.7	48.1	46.1	44.4	43.1	40.8
LT-4	9/9/2024	15:00:00	01:00:00.0	42.8	78.4	55.2	38.2	46.6	44.7	43.4	42.1	40.4
LT-4	9/9/2024	16:00:00	01:00:00.0	42.4	78.0	63.7	35.6	49.3	43.2	41.0	39.5	37.6
LT-4	9/9/2024	17:00:00	01:00:00.0	67.8	103.4	92.3	34.5	74.2	55.0	39.4	38.1	36.3
LT-4	9/9/2024	18:00:00	01:00:00.0	39.1	74.7	57.4	33.4	46.1	41.9	38.7	37.4	35.4
LT-4	9/9/2024	19:00:00	01:00:00.0	61.1	96.7	75.8	36.8	68.0	65.3	62.4	61.0	40.6
LT-4	9/9/2024	20:00:00	01:00:00.0	66.9	102.5	92.4	44.6	75.1	51.3	50.7	50.1	47.4
LT-4	9/9/2024	21:00:00	01:00:00.0	49.8	85.4	55.7	44.6	52.4	51.7	50.7	49.9	47.2
LT-4	9/9/2024	22:00:00	01:00:00.0	69.4	104.9	93.4	44.7	76.2	63.3	62.6	55.5	49.1
LT-4	9/9/2024	23:00:00	01:00:00.0	59.1	94.6	70.6	54.1	64.4	62.9	59.8	55.5	54.7
LT-4	9/10/2024	0:00:00	01:00:00.0	62.6	98.2	66.6	60.9	65.2	64.9	62.3	61.9	61.5
LT-4	9/10/2024	1:00:00	01:00:00.0	71.1	106.7	93.2	60.9	78.7	65.8	64.2	61.8	61.4
LT-4	9/10/2024	2:00:00	01:00:00.0	62.6	98.1	67.0	60.9	65.4	65.0	62.2	61.8	61.5
LT-4	9/10/2024	3:00:00	01:00:00.0	62.6	98.1	66.7	61.0	65.7	65.1	62.3	62.0	61.6
LT-4	9/10/2024	4:00:00	01:00:00.0	70.4	106.0	76.3	60.8	75.9	75.5	74.9	62.0	61.6
LT-4	9/10/2024	5:00:00	01:00:00.0	69.9	105.4	93.5	61.2	77.2	65.4	62.6	62.2	61.8
LT-4	9/10/2024	6:00:00	01:00:00.0	60.5	96.0	73.2	49.2	65.8	65.2	62.4	53.3	51.0
LT-4	9/10/2024	7:00:00	01:00:00.0	51.4	86.9	59.9	48.2	54.6	53.1	51.7	50.9	49.8
LT-4	9/10/2024	8:00:00	01:00:00.0	72.4	108.0	93.3	46.1	80.6	75.2	54.1	51.0	48.2

LT-4	9/10/2024	9:00:00	01:00:00.0	69.6	105.2	101.7	42.6	75.8	52.2	48.9	47.2	44.3
LT-4	9/10/2024	10:00:00	01:00:00.0	44.9	80.5	58.5	39.0	49.4	47.5	46.1	43.9	40.8
LT-4	9/10/2024	11:00:00	01:00:00.0	66.2	101.8	90.2	40.0	73.5	57.3	47.3	46.0	42.4
LT-4	9/10/2024	12:00:00	01:00:00.0	42.2	77.7	56.5	37.0	48.6	44.3	41.7	40.8	39.2
LT-4	9/10/2024	13:00:00	01:00:00.0	44.6	80.1	66.5	36.8	50.9	47.2	41.4	40.1	38.6
LT-4	9/10/2024	14:00:00	01:00:00.0	41.6	77.1	61.0	37.3	45.9	42.5	41.2	40.3	38.9
LT-4	9/10/2024	15:00:00	01:00:00.0	41.3	76.8	57.6	37.1	46.2	43.1	41.4	40.5	39.1
LT-4	9/10/2024	16:00:00	01:00:00.0	67.7	103.2	90.8	36.2	76.5	51.9	42.0	40.7	38.9
LT-4	9/10/2024	17:00:00	01:00:00.0	59.9	95.4	89.6	36.8	46.9	43.3	41.5	40.6	38.9
LT-4	9/10/2024	18:00:00	01:00:00.0	44.6	80.1	66.3	37.2	50.5	45.2	43.0	41.7	39.7
LT-4	9/10/2024	19:00:00	01:00:00.0	66.3	101.9	79.0	38.7	69.0	68.5	68.1	66.6	41.8
LT-4	9/10/2024	20:00:00	01:00:00.0	68.9	104.5	90.9	66.1	69.9	69.0	68.8	68.5	67.0
LT-4	9/10/2024	21:00:00	01:00:00.0	67.1	102.7	70.7	65.9	69.1	68.5	67.1	66.9	66.6
LT-4	9/10/2024	22:00:00	01:00:00.0	67.1	102.7	70.0	65.9	68.5	67.7	67.3	67.0	66.6
LT-4	9/10/2024	23:00:00	01:00:00.0	67.1	102.7	71.6	65.6	68.6	67.6	67.3	67.0	66.6
LT-4	9/11/2024	0:00:00	01:00:00.0	70.2	105.7	89.4	65.6	76.2	69.4	67.2	66.8	66.3
LT-4	9/11/2024	1:00:00	01:00:00.0	67.0	102.6	70.4	65.6	68.8	68.4	67.1	66.9	66.3
LT-4	9/11/2024	2:00:00	01:00:00.0	67.2	102.7	70.0	66.2	68.6	67.6	67.3	67.1	66.8
LT-4	9/11/2024	3:00:00	01:00:00.0	67.2	102.8	70.2	66.4	68.6	67.5	67.3	67.1	66.8
LT-4	9/11/2024	4:00:00	01:00:00.0	72.1	107.7	93.6	65.7	79.6	68.9	67.7	67.0	66.4
LT-4	9/11/2024	5:00:00	01:00:00.0	67.1	102.7	70.5	65.5	68.8	68.5	67.2	67.0	66.4
LT-4	9/11/2024	6:00:00	01:00:00.0	63.9	99.4	73.4	49.3	69.5	68.9	67.1	53.4	51.6
LT-4	9/11/2024	7:00:00	01:00:00.0	68.7	104.3	93.0	49.4	75.9	57.1	54.4	53.2	51.3
LT-4	9/11/2024	8:00:00	01:00:00.0	50.5	86.1	63.9	45.3	53.7	52.4	51.4	50.0	47.6
LT-4	9/11/2024	9:00:00	01:00:00.0	75.4	110.9	105.3	42.3	76.8	67.6	49.4	47.8	44.5
LT-4	9/11/2024	10:00:00	01:00:00.0	47.7	83.3	59.8	42.1	52.3	50.3	48.5	46.8	44.2
LT-4	9/11/2024	11:00:00	01:00:00.0	57.0	92.6	84.4	40.7	50.8	46.9	44.8	43.7	42.1
LT-4	9/11/2024	12:00:00	00:15:06.5	46.0	75.6	62.2	38.9	55.7	48.1	43.8	42.6	40.7

Meas Location	Number	Date	Time	Duration (sec)	Leq	SEL	Lmax	Lmin	L(2)	L(8)	L(25)	L(50)	L(90)
LT-5	0	8/21/2024	5:38:40 PM	00:21:19.7	45.2	76.3	66.7	35.4	52.6	48.6	43.6	40.6	36.9
LT-5	0	8/21/2024	6:00:00 PM	01:00:00.0	48.8	84.4	72.3	34.4	57.2	46.8	42.3	40.2	37.2
LT-5	0	8/21/2024	7:00:00 PM	01:00:00.0	42.3	77.8	57.9	35.9	48.8	45.1	42.4	40.4	37.8
LT-5	0	8/21/2024	8:00:00 PM	01:00:00.0	43.6	79.2	68.0	35.9	49.8	44.8	41.3	39.6	37.9
LT-5	0	8/21/2024	9:00:00 PM	01:00:00.0	41.9	77.5	64.5	33.7	47.8	40.4	38.3	37.6	35.5
LT-5	0	8/21/2024	10:00:00 PM	01:00:00.0	36.3	71.9	54.4	32.8	41.7	37.3	36.3	34.2	33.4
LT-5	0	8/21/2024	11:00:00 PM	01:00:00.0	36.1	71.7	58.3	32.8	39.0	36.8	36.2	34.4	33.5
LT-5	0	8/22/2024	12:00:00 AM	01:00:00.0	69.0	104.6	95.6	32.7	79.6	70.5	43.2	36.0	33.7
LT-5	0	8/22/2024	1:00:00 AM	01:00:00.0	35.9	71.4	44.9	33.0	39.5	38.1	36.5	35.0	33.9
LT-5	0	8/22/2024	2:00:00 AM	01:00:00.0	35.5	71.1	46.3	32.6	41.2	37.6	35.4	34.4	33.4
LT-5	0	8/22/2024	3:00:00 AM	01:00:00.0	37.0	72.6	58.7	33.1	42.6	36.8	35.7	35.1	34.2
LT-5	0	8/22/2024	4:00:00 AM	01:00:00.0	39.1	74.7	60.1	33.2	46.0	41.4	37.6	35.9	34.4
LT-5	0	8/22/2024	5:00:00 AM	01:00:00.0	42.9	78.5	69.2	34.5	48.9	42.3	39.3	38.0	36.1
LT-5	0	8/22/2024	6:00:00 AM	01:00:00.0	65.4	100.9	82.6	36.4	77.6	69.5	43.1	40.9	38.7
LT-5	0	8/22/2024	7:00:00 AM	01:00:00.0	63.5	99.0	84.6	35.5	75.7	51.5	44.3	40.9	37.8
LT-5	0	8/22/2024	8:00:00 AM	01:00:00.0	45.5	81.1	69.8	34.9	53.5	48.4	44.1	40.7	36.6
LT-5	0	8/22/2024	9:00:00 AM	01:00:00.0	61.9	97.5	81.8	34.5	75.0	51.5	46.3	40.4	36.8
LT-5	0	8/22/2024	10:00:00 AM	01:00:00.0	49.1	84.6	68.2	36.2	56.0	53.2	49.8	45.4	38.9
LT-5	0	8/22/2024	11:00:00 AM	01:00:00.0	62.1	97.7	83.3	37.3	73.8	53.7	46.4	42.9	39.5
LT-5	0	8/22/2024	12:00:00 PM	01:00:00.0	43.8	79.4	65.4	36.8	50.4	46.3	42.7	40.7	38.6
LT-5	0	8/22/2024	1:00:00 PM	01:00:00.0	55.7	91.2	80.3	38.6	58.8	54.0	49.6	45.4	40.8
LT-5	0	8/22/2024	2:00:00 PM	01:00:00.0	48.1	83.6	65.3	38.4	55.4	52.1	47.9	44.6	41.3
LT-5	0	8/22/2024	3:00:00 PM	01:00:00.0	50.6	86.2	73.9	37.3	57.5	53.7	49.2	45.4	40.0
LT-5	0	8/22/2024	4:00:00 PM	01:00:00.0	47.6	83.2	68.5	37.6	55.4	51.0	44.8	42.7	39.9
LT-5	0	8/22/2024	5:00:00 PM	01:00:00.0	51.6	87.1	72.3	38.8	61.6	50.2	45.7	44.3	41.7
LT-5	0	8/22/2024	6:00:00 PM	01:00:00.0	54.5	90.1	77.5	37.5	60.1	49.0	45.0	42.8	40.2
LT-5	0	8/22/2024	7:00:00 PM	01:00:00.0	64.9	100.5	87.9	36.9	74.8	59.9	45.8	43.1	39.7
LT-5	0	8/22/2024	8:00:00 PM	01:00:00.0	42.2	77.8	58.7	35.8	48.0	44.9	42.4	40.7	38.2
LT-5	0	8/22/2024	9:00:00 PM	01:00:00.0	40.1	75.6	58.0	35.4	44.7	42.2	39.9	38.5	36.9
LT-5	0	8/22/2024	10:00:00 PM	01:00:00.0	68.2	103.8	92.5	33.1	78.4	61.1	40.3	37.8	34.4
LT-5	0	8/22/2024	11:00:00 PM	01:00:00.0	36.2	71.7	53.9	32.7	40.6	38.1	36.6	35.2	33.4
LT-5	0	8/23/2024	12:00:00 AM	01:00:00.0	39.2	74.7	60.6	33.7	44.0	40.7	37.7	36.2	34.6
LT-5	0	8/23/2024	1:00:00 AM	01:00:00.0	38.9	74.4	50.8	32.7	44.7	41.8	39.3	37.2	35.2
LT-5	0	8/23/2024	2:00:00 AM	01:00:00.0	36.2	71.8	54.1	32.7	39.7	38.5	36.6	35.1	33.6
LT-5	0	8/23/2024	3:00:00 AM	01:00:00.0	37.8	73.4	62.2	32.8	40.0	38.1	36.5	35.5	34.0
LT-5	0	8/23/2024	4:00:00 AM	01:00:00.0	39.8	75.4	64.6	32.8	43.1	39.0	36.2	35.0	33.7
LT-5	0	8/23/2024	5:00:00 AM	01:00:00.0	45.5	81.0	69.7	32.5	52.3	45.3	37.6	35.4	33.8
LT-5	0	8/23/2024	6:00:00 AM	01:00:00.0	62.6	98.2	83.8	34.5	74.8	57.9	42.4	38.3	36.0
LT-5	0	8/23/2024	7:00:00 AM	01:00:00.0	47.4	82.9	74.4	34.9	55.4	49.5	43.4	40.8	37.5
LT-5	0	8/23/2024	8:00:00 AM	01:00:00.0	45.1	80.6	66.1	36.6	52.5	48.2	44.5	41.7	38.5
LT-5	0	8/23/2024	9:00:00 AM	01:00:00.0	44.0	79.6	65.0	36.2	52.1	46.5	42.7	40.3	38.0
LT-5	0	8/23/2024	10:00:00 AM	01:00:00.0	44.7	80.3	65.7	36.5	52.5	47.2	43.7	41.3	38.7
LT-5	0	8/23/2024	11:00:00 AM	01:00:00.0	48.3	83.9	68.2	36.6	57.5	49.7	44.2	41.9	39.1
LT-5	0	8/23/2024	12:00:00 PM	01:00:00.0	49.0	84.6	76.4	37.8	54.3	49.2	45.8	43.2	40.4
LT-5	0	8/23/2024	1:00:00 PM	01:00:00.0	51.6	87.2	75.0	37.3	58.4	51.5	46.0	43.1	40.3
LT-5	0	8/23/2024	2:00:00 PM	01:00:00.0	50.1	85.6	67.7	38.5	58.1	54.0	49.6	46.8	41.6
LT-5	0	8/23/2024	3:00:00 PM	01:00:00.0	56.8	92.4	76.9	37.5	66.7	55.4	47.7	44.2	40.0
LT-5	0	8/23/2024	4:00:00 PM	01:00:00.0	47.1	82.7	70.1	36.2	54.6	50.3	46.0	43.0	39.1
LT-5	0	8/23/2024	5:00:00 PM	01:00:00.0	55.2	90.7	74.0	39.3	63.7	58.9	50.7	46.5	42.3
LT-5	0	8/23/2024	6:00:00 PM	01:00:00.0	48.4	83.9	66.8	39.0	55.0	51.5	48.2	45.7	42.3
LT-5	0	8/23/2024	7:00:00 PM	01:00:00.0	49.6	85.2	62.1	39.7	57.5	54.3	49.6	45.9	42.8
LT-5	0	8/23/2024	8:00:00 PM	01:00:00.0	50.3	85.8	60.6	39.0	56.1	53.7	51.2	48.9	43.8
LT-5	0	8/23/2024	9:00:00 PM	01:00:00.0	45.2	80.8	63.9	35.8	51.7	48.3	45.3	42.7	39.3
LT-5	0	8/23/2024	10:00:00 PM	01:00:00.0	41.7	77.3	63.8	32.9	46.8	43.9	41.4	39.0	35.5
LT-5	0	8/23/2024	11:00:00 PM	01:00:00.0	37.8	73.4	56.0	32.1	45.4	41.1	36.7	34.1	32.7
LT-5	0	8/24/2024	12:00:00 AM	01:00:00.0	35.6	71.1	57.7	31.3	38.9	34.5	33.0	32.6	32.3
LT-5	0	8/24/2024	1:00:00 AM	01:00:00.0	33.0	68.5	51.3	31.4	35.2	33.0	32.3	32.1	31.9
LT-5	0	8/24/2024	2:00:00 AM	01:00:00.0	33.8	69.4	50.1	31.3	39.2	34.4	33.3	32.7	31.9
LT-5	0	8/24/2024	3:00:00 AM	01:00:00.0	32.5	68.1	45.9	31.3	34.1	33.2	32.5	32.1	31.8
LT-5	0	8/24/2024	4:00:00 AM	01:00:00.0	36.0	71.6	59.7	31.5	44.2	35.0	32.8	32.4	32.0
LT-5	0	8/24/2024	5:00:00 AM	01:00:00.0	44.0	79.5	53.0	31.8	50.2	49.1	45.4	40.8	33.4

LT-5	0	8/24/2024	6:00:00 AM	01:00:00.0	43.5	79.0	63.1	35.7	50.2	46.4	43.0	41.2	38.3
LT-5	0	8/24/2024	7:00:00 AM	01:00:00.0	57.5	93.1	78.8	34.2	69.7	54.2	46.5	43.2	36.5
LT-5	0	8/24/2024	8:00:00 AM	01:00:00.0	47.1	82.7	65.1	38.4	54.7	49.0	46.8	44.8	41.0
LT-5	0	8/24/2024	9:00:00 AM	01:00:00.0	52.3	87.9	67.0	38.0	61.1	55.8	51.6	48.7	41.5
LT-5	0	8/24/2024	10:00:00 AM	01:00:00.0	64.0	99.6	88.4	37.1	75.2	58.1	44.4	41.3	39.0
LT-5	0	8/24/2024	11:00:00 AM	01:00:00.0	43.4	79.0	61.0	34.7	52.8	46.3	41.9	39.0	36.6
LT-5	0	8/24/2024	12:00:00 PM	01:00:00.0	43.2	78.8	63.6	34.4	52.3	44.9	40.3	38.1	36.0
LT-5	0	8/24/2024	1:00:00 PM	01:00:00.0	48.0	83.5	70.4	34.4	54.5	47.8	41.2	38.1	36.0
LT-5	0	8/24/2024	2:00:00 PM	01:00:00.0	51.3	86.8	74.4	34.0	57.1	50.9	44.0	39.6	35.9
LT-5	0	8/24/2024	3:00:00 PM	01:00:00.0	43.9	79.5	63.8	34.6	52.4	46.5	42.0	39.5	36.6
LT-5	0	8/24/2024	4:00:00 PM	01:00:00.0	48.1	83.7	73.2	35.1	56.1	47.5	42.9	40.1	37.2
LT-5	0	8/24/2024	5:00:00 PM	01:00:00.0	47.9	83.5	78.5	34.3	50.8	44.9	40.8	38.6	36.3
LT-5	0	8/24/2024	6:00:00 PM	01:00:00.0	47.7	83.2	74.5	35.6	53.1	47.4	43.4	41.0	37.5
LT-5	0	8/24/2024	7:00:00 PM	01:00:00.0	43.7	79.3	66.0	34.7	50.8	43.7	39.6	38.1	36.0
LT-5	0	8/24/2024	8:00:00 PM	01:00:00.0	42.6	78.1	63.0	33.9	49.9	43.9	41.0	39.0	35.7
LT-5	0	8/24/2024	9:00:00 PM	01:00:00.0	42.3	77.9	69.2	34.4	47.0	42.4	40.3	39.1	36.5
LT-5	0	8/24/2024	10:00:00 PM	01:00:00.0	50.5	86.0	79.9	34.8	49.2	41.4	39.1	37.9	36.2
LT-5	0	8/24/2024	11:00:00 PM	01:00:00.0	38.6	74.1	57.9	34.5	43.7	39.2	37.6	36.8	35.7
LT-5	0	8/25/2024	12:00:00 AM	01:00:00.0	37.7	73.3	55.5	34.1	41.1	39.0	37.7	36.9	35.5
LT-5	0	8/25/2024	1:00:00 AM	01:00:00.0	39.8	75.4	62.8	33.7	43.5	40.3	38.1	36.8	35.2
LT-5	0	8/25/2024	2:00:00 AM	01:00:00.0	40.1	75.6	55.9	32.4	49.7	43.5	37.4	35.2	33.3
LT-5	0	8/25/2024	3:00:00 AM	01:00:00.0	34.1	69.7	43.5	32.5	36.4	35.3	34.3	33.8	33.1
LT-5	0	8/25/2024	4:00:00 AM	01:00:00.0	34.9	70.5	45.7	32.7	37.9	36.3	35.2	34.4	33.5
LT-5	0	8/25/2024	5:00:00 AM	01:00:00.0	36.7	72.3	44.7	33.3	40.0	38.5	37.2	36.3	34.8
LT-5	0	8/25/2024	6:00:00 AM	01:00:00.0	42.6	78.2	59.2	35.7	47.5	44.8	42.8	41.5	38.8
LT-5	0	8/25/2024	7:00:00 AM	01:00:00.0	45.1	80.6	67.4	37.8	50.6	45.6	43.8	42.6	40.1
LT-5	0	8/25/2024	8:00:00 AM	01:00:00.0	45.7	81.3	69.3	36.0	51.9	45.1	42.8	40.8	37.9
LT-5	0	8/25/2024	9:00:00 AM	01:00:00.0	46.7	82.3	65.3	34.1	55.7	51.3	44.8	39.7	36.1
LT-5	0	8/25/2024	10:00:00 AM	01:00:00.0	43.5	79.0	59.1	34.8	51.9	46.6	42.4	39.9	37.4
LT-5	0	8/25/2024	11:00:00 AM	01:00:00.0	55.5	91.1	82.7	36.1	57.2	49.0	42.5	39.9	37.9
LT-5	0	8/25/2024	12:00:00 PM	01:00:00.0	46.4	82.0	64.6	37.3	54.9	50.0	45.0	42.3	39.6
LT-5	0	8/25/2024	1:00:00 PM	01:00:00.0	49.9	85.5	75.2	40.6	53.9	49.7	46.4	44.2	42.1
LT-5	0	8/25/2024	2:00:00 PM	01:00:00.0	53.1	88.7	79.6	40.4	57.2	51.6	47.7	45.4	42.7
LT-5	0	8/25/2024	3:00:00 PM	01:00:00.0	48.8	84.4	67.4	41.0	55.8	50.8	47.9	46.1	43.7
LT-5	0	8/25/2024	4:00:00 PM	01:00:00.0	48.0	83.6	68.8	41.4	54.2	49.7	47.1	45.8	43.5
LT-5	0	8/25/2024	5:00:00 PM	01:00:00.0	48.4	84.0	70.3	42.1	55.1	50.3	47.6	46.0	43.9
LT-5	0	8/25/2024	6:00:00 PM	01:00:00.0	49.3	84.9	63.5	40.5	55.8	52.8	49.7	47.4	44.2
LT-5	0	8/25/2024	7:00:00 PM	01:00:00.0	48.0	83.5	66.4	41.1	54.1	50.7	48.2	45.7	43.2
LT-5	0	8/25/2024	8:00:00 PM	01:00:00.0	46.4	82.0	58.9	40.4	52.4	48.8	46.7	45.2	42.7
LT-5	0	8/25/2024	9:00:00 PM	01:00:00.0	44.9	80.5	59.2	37.9	50.8	47.9	44.9	43.5	41.0
LT-5	0	8/25/2024	10:00:00 PM	01:00:00.0	41.5	77.0	58.9	35.4	47.4	43.5	41.1	39.2	37.1
LT-5	0	8/25/2024	11:00:00 PM	01:00:00.0	37.5	73.1	51.6	35.0	40.8	38.8	37.7	36.9	36.0
LT-5	0	8/26/2024	12:00:00 AM	01:00:00.0	37.8	73.4	53.7	34.6	41.7	39.5	38.1	37.0	35.8
LT-5	0	8/26/2024	1:00:00 AM	01:00:00.0	37.1	72.7	48.3	34.0	41.1	39.0	37.5	36.4	35.2
LT-5	0	8/26/2024	2:00:00 AM	01:00:00.0	35.6	71.2	46.6	33.5	38.5	37.2	36.0	35.2	34.4
LT-5	0	8/26/2024	3:00:00 AM	01:00:00.0	37.3	72.9	59.9	33.9	39.5	37.7	36.7	36.1	35.1
LT-5	0	8/26/2024	4:00:00 AM	01:00:00.0	61.8	97.3	83.5	34.9	72.7	42.2	38.8	37.3	35.9
LT-5	0	8/26/2024	5:00:00 AM	01:00:00.0	60.1	95.6	82.4	36.6	71.8	46.0	41.9	40.4	38.4
LT-5	0	8/26/2024	6:00:00 AM	01:00:00.0	42.3	77.9	57.7	38.2	46.9	44.2	42.5	41.5	39.8
LT-5	0	8/26/2024	7:00:00 AM	01:00:00.0	54.3	89.9	86.4	39.8	52.5	46.9	44.5	43.3	41.5
LT-5	0	8/26/2024	8:00:00 AM	01:00:00.0	49.5	85.1	73.1	37.6	54.1	48.5	45.1	43.0	40.9
LT-5	0	8/26/2024	9:00:00 AM	01:00:00.0	46.9	82.5	75.2	33.4	54.3	48.6	41.9	38.4	35.1
LT-5	0	8/26/2024	10:00:00 AM	01:00:00.0	57.0	92.6	81.9	34.5	67.1	59.4	46.7	41.2	36.9
LT-5	0	8/26/2024	11:00:00 AM	01:00:00.0	65.3	100.9	84.0	34.3	77.8	65.7	44.9	40.1	36.5
LT-5	0	8/26/2024	12:00:00 PM	01:00:00.0	47.4	82.9	73.3	35.6	55.3	49.6	43.1	40.4	37.7
LT-5	0	8/26/2024	1:00:00 PM	01:00:00.0	53.0	88.6	76.7	38.0	59.9	54.3	49.0	43.8	40.5
LT-5	0	8/26/2024	2:00:00 PM	01:00:00.0	48.3	83.8	66.5	36.5	56.2	53.0	47.8	43.6	39.4
LT-5	0	8/26/2024	3:00:00 PM	01:00:00.0	48.6	84.1	67.9	36.5	56.3	51.4	45.4	41.4	38.4
LT-5	0	8/26/2024	4:00:00 PM	01:00:00.0	45.2	80.8	64.9	36.7	54.3	46.8	42.4	40.5	38.6
LT-5	0	8/26/2024	5:00:00 PM	01:00:00.0	64.0	99.6	86.9	36.0	74.8	52.1	43.4	41.4	38.8
LT-5	0	8/26/2024	6:00:00 PM	01:00:00.0	42.3	77.8	60.9	37.0	49.3	44.5	41.6	40.2	38.6
LT-5	0	8/26/2024	7:00:00 PM	01:00:00.0	42.9	78.5	58.4	36.5	50.8	45.9	42.1	40.4	38.7
LT-5	0	8/26/2024	8:00:00 PM	01:00:00.0	44.8	80.3	70.3	36.8	49.0	44.9	42.3	41.1	38.8
LT-5	0	8/26/2024	9:00:00 PM	01:00:00.0	38.4	74.0	55.2	34.9	43.0	40.0	38.5	37.6	36.1

LT-5	0	8/26/2024	10:00:00 PM	01:00:00.0	38.9	74.4	54.3	35.2	44.8	40.2	38.4	37.3	36.3
LT-5	0	8/26/2024	11:00:00 PM	01:00:00.0	37.8	73.4	51.9	34.4	41.9	39.2	37.9	37.1	35.8
LT-5	0	8/27/2024	12:00:00 AM	01:00:00.0	37.5	73.1	50.2	34.7	42.0	38.9	37.5	36.8	35.7
LT-5	0	8/27/2024	1:00:00 AM	01:00:00.0	39.1	74.6	59.8	34.6	44.6	41.1	37.9	36.7	35.6
LT-5	0	8/27/2024	2:00:00 AM	01:00:00.0	37.2	72.7	48.8	34.4	40.8	38.8	37.3	36.6	35.7
LT-5	0	8/27/2024	3:00:00 AM	01:00:00.0	38.0	73.5	60.0	34.7	40.3	38.2	37.3	36.7	35.7
LT-5	0	8/27/2024	4:00:00 AM	01:00:00.0	41.6	77.1	63.5	35.4	47.6	43.0	39.8	38.3	36.5
LT-5	0	8/27/2024	5:00:00 AM	01:00:00.0	45.6	81.2	69.6	36.4	53.3	46.5	41.4	40.0	38.2
LT-5	0	8/27/2024	6:00:00 AM	01:00:00.0	43.5	79.1	61.3	38.7	50.0	45.3	42.9	41.9	40.5
LT-5	0	8/27/2024	7:00:00 AM	01:00:00.0	48.2	83.8	75.3	39.6	54.4	48.9	45.2	43.1	41.2
LT-5	0	8/27/2024	8:00:00 AM	01:00:00.0	47.8	83.4	70.3	37.7	54.3	48.1	44.3	42.0	39.7
LT-5	0	8/27/2024	9:00:00 AM	01:00:00.0	46.4	82.0	68.8	33.4	56.1	47.6	41.2	38.7	36.0
LT-5	0	8/27/2024	10:00:00 AM	01:00:00.0	68.2	103.8	88.3	34.5	80.3	65.9	44.8	39.7	36.7
LT-5	0	8/27/2024	11:00:00 AM	01:00:00.0	53.7	89.3	72.7	37.2	65.5	55.8	46.7	42.7	39.5
LT-5	0	8/27/2024	12:00:00 PM	01:00:00.0	47.4	83.0	71.0	39.0	54.4	49.1	44.8	42.7	40.7
LT-5	0	8/27/2024	1:00:00 PM	01:00:00.0	51.1	86.7	81.9	38.0	51.5	45.6	42.8	41.2	39.6
LT-5	0	8/27/2024	2:00:00 PM	01:00:00.0	54.0	89.5	77.6	37.4	58.3	53.9	48.9	44.9	40.1
LT-5	0	8/27/2024	3:00:00 PM	01:00:00.0	55.2	90.8	79.0	35.9	58.7	49.6	44.3	41.4	38.5
LT-5	0	8/27/2024	4:00:00 PM	01:00:00.0	45.5	81.0	65.5	36.7	54.2	47.6	42.7	41.0	39.0
LT-5	0	8/27/2024	5:00:00 PM	01:00:00.0	47.6	83.1	67.2	36.0	57.5	51.0	44.2	41.1	38.2
LT-5	0	8/27/2024	6:00:00 PM	01:00:00.0	61.5	97.1	84.9	36.2	72.5	55.0	43.3	40.3	38.2
LT-5	0	8/27/2024	7:00:00 PM	01:00:00.0	42.3	77.9	62.9	36.6	49.1	43.9	41.1	39.9	38.4
LT-5	0	8/27/2024	8:00:00 PM	01:00:00.0	45.9	81.4	65.6	35.8	54.8	46.2	41.5	39.4	37.2
LT-5	0	8/27/2024	9:00:00 PM	01:00:00.0	42.8	78.4	66.3	35.8	50.7	43.8	39.8	38.6	37.1
LT-5	0	8/27/2024	10:00:00 PM	01:00:00.0	38.8	74.3	59.0	34.9	44.4	39.5	38.3	37.5	36.1
LT-5	0	8/27/2024	11:00:00 PM	01:00:00.0	38.3	73.9	48.1	35.1	41.3	39.8	38.7	38.0	36.6
LT-5	0	8/28/2024	12:00:00 AM	01:00:00.0	37.9	73.5	51.3	35.0	42.7	39.3	37.9	37.2	36.1
LT-5	0	8/28/2024	1:00:00 AM	01:00:00.0	37.0	72.6	49.2	34.8	40.2	38.4	37.3	36.5	35.6
LT-5	0	8/28/2024	2:00:00 AM	01:00:00.0	36.7	72.2	46.5	34.5	40.1	37.9	36.9	36.2	35.3
LT-5	0	8/28/2024	3:00:00 AM	01:00:00.0	39.6	75.2	59.3	34.8	44.6	41.9	39.1	37.3	35.9
LT-5	0	8/28/2024	4:00:00 AM	01:00:00.0	41.7	77.3	64.1	35.2	47.5	42.1	39.5	38.0	36.4
LT-5	0	8/28/2024	5:00:00 AM	01:00:00.0	43.9	79.5	69.3	37.2	47.7	44.4	42.0	40.9	39.3
LT-5	0	8/28/2024	6:00:00 AM	01:00:00.0	42.7	78.3	60.0	38.8	47.0	44.3	42.6	41.7	40.3
LT-5	0	8/28/2024	7:00:00 AM	01:00:00.0	61.1	96.7	88.9	39.8	70.7	52.2	45.1	43.3	41.5
LT-5	0	8/28/2024	8:00:00 AM	01:00:00.0	48.3	83.9	68.5	39.0	55.8	48.8	45.4	43.3	41.1
LT-5	0	8/28/2024	9:00:00 AM	00:55:16.5	47.1	82.3	68.5	35.2	55.6	51.1	44.7	41.3	37.7

Meas Location	Number	Date	Time	Duration (sec)	Leq	SEL	Lmax	Lmin	Peak	Uwpk	L(2)	L(8)	L(10)	L(25)	L(50)	L(90)
LT-6	0	8/21/2024	15:50:12	587.2	61.8	89.5	71.8	46.8	104.2	105.2	67.5	65	64.7	63.1	61	54.5
LT-6	0	8/21/2024	16:00:00	3600	61.1	96.7	72.5	46	93.8	97.2	66.5	64.4	64	62.5	60.2	53.1
LT-6	0	8/21/2024	17:00:00	3600	63.6	99.2	87.5	45.3	100.1	100.8	68.5	65.6	65.2	63.6	61.2	54.3
LT-6	0	8/21/2024	18:00:00	3600	62	97.6	76.3	44.1	92.5	98.6	68	65.4	65	63.4	60.2	52.8
LT-6	0	8/21/2024	19:00:00	3600	61.6	97.2	82.9	44.6	97.3	100.8	67.7	64.9	64.4	62	58.7	50.9
LT-6	0	8/21/2024	20:00:00	3600	60.8	96.3	80.8	42	97.1	100.8	67.2	64.1	63.6	61.1	58	50.4
LT-6	0	8/21/2024	21:00:00	3600	58.8	94.4	74.3	41.6	94.2	95.7	64.9	62.9	62.4	60	56.9	49.1
LT-6	0	8/21/2024	22:00:00	3600	57.9	93.5	69.9	39.9	98	102.5	65.1	62.3	61.7	58.8	55.1	47.3
LT-6	0	8/21/2024	23:00:00	3600	55.7	91.3	74.6	37	89.1	91.2	63.1	60	59.5	56.2	51.3	41.7
LT-6	0	8/22/2024	0:00:00	3600	54.5	90	67.5	38.6	84	0	63.3	59.5	58.7	54.6	49.3	42.7
LT-6	0	8/22/2024	1:00:00	3600	52.9	88.5	67.6	35.6	81.6	93.7	62.1	58.1	57.3	51.9	45.5	38.2
LT-6	0	8/22/2024	2:00:00	3600	53.4	89	69.1	33.5	83	0	63.4	58.6	57.4	51.3	44.1	36.8
LT-6	0	8/22/2024	3:00:00	3600	54.7	90.3	68.5	37	83.1	0	63.9	60	59.2	54.3	48	40.1
LT-6	0	8/22/2024	4:00:00	3600	59.3	94.9	73.1	37.4	87.8	93.7	67.4	64	63.3	60.1	55.2	44.7
LT-6	0	8/22/2024	5:00:00	3600	61.9	97.5	76.1	43.3	90.6	97.2	68.8	66.4	65.9	63	59.1	49.6
LT-6	0	8/22/2024	6:00:00	3600	63.7	99.2	76.5	42	91.5	98.6	69.6	67.6	67.2	65.2	62	53.7
LT-6	0	8/22/2024	7:00:00	3600	63.5	99.1	76.3	44.5	88	94.8	69	67.3	66.9	65.3	62.2	53.2
LT-6	0	8/22/2024	8:00:00	3600	63.1	98.7	79.9	46.6	95.2	95.7	68.3	66.3	65.9	64.4	61.9	55.5
LT-6	0	8/22/2024	9:00:00	3600	61.9	97.5	76.1	45.8	91.8	97.2	67.6	65.3	64.9	63.2	60.7	54.2
LT-6	0	8/22/2024	10:00:00	3600	62.6	98.2	86.8	46.5	104.7	106.8	67.2	64.9	64.6	62.9	60.8	55
LT-6	0	8/22/2024	11:00:00	3600	61.2	96.8	75.8	47.4	90.1	105.2	66.4	64.3	63.9	62.4	60.2	53.9
LT-6	0	8/22/2024	12:00:00	3600	60.7	96.3	76.7	47.6	92.1	103.9	66.3	63.8	63.5	61.8	59.4	53.3
LT-6	0	8/22/2024	13:00:00	3600	61	96.6	76.9	48.1	92	101.7	66.8	64.1	63.7	62.1	59.9	53.7
LT-6	0	8/22/2024	14:00:00	3600	61.3	96.9	82.1	48	102.3	103.3	67.1	64	63.7	61.9	59.9	53.5
LT-6	0	8/22/2024	15:00:00	3600	61	96.6	74.3	47.9	94.7	101.7	65.8	64	63.8	62.3	60.1	54.8
LT-6	0	8/22/2024	16:00:00	3600	61.5	97.1	78.5	47.9	94.1	98.6	66.9	64.3	63.9	62.5	60.4	53.9
LT-6	0	8/22/2024	17:00:00	3600	64.2	99.7	89	48.4	100	99.7	68.2	64.8	64.5	63	61	55.5
LT-6	0	8/22/2024	18:00:00	3600	61.2	96.8	73.3	44.1	91.5	95.7	66.8	64.6	64.3	62.6	60	53.3
LT-6	0	8/22/2024	19:00:00	3600	60.4	95.9	78.6	44.1	92.5	98.6	66.2	64	63.7	61.5	58.5	51.2
LT-6	0	8/22/2024	20:00:00	3600	62.9	98.5	88.6	44.6	99.8	100.8	67.3	63.9	63.5	61.2	58	51
LT-6	0	8/22/2024	21:00:00	3600	59.1	94.7	70.3	41.8	93	93.7	65.6	63.1	62.7	60.3	57.3	49.5
LT-6	0	8/22/2024	22:00:00	3600	58.3	93.9	76.8	41.1	95.1	97.2	65.4	62.1	61.6	58.8	55.3	48.5
LT-6	0	8/22/2024	23:00:00	3600	56.1	91.7	78.5	36.1	91.8	93.7	63	60	59.5	56.1	51.3	43.8
LT-6	0	8/23/2024	0:00:00	3600	54.1	89.7	69	38.3	86.5	93.7	62.1	58.7	57.9	54.3	49.6	43
LT-6	0	8/23/2024	1:00:00	3600	53	88.5	68.9	36.4	84.3	91.2	61.7	57.2	56.4	52	47.9	41.4
LT-6	0	8/23/2024	2:00:00	3600	54.1	89.6	69.3	34.1	84.6	91.2	64.2	59	57.6	51.6	45.2	38.2
LT-6	0	8/23/2024	3:00:00	3600	54.5	90.1	73.9	38.4	86.8	91.2	63.3	59.2	58.4	53	47.5	41.2
LT-6	0	8/23/2024	4:00:00	3600	58.7	94.3	72.5	38.5	85.8	93.7	67.2	63.7	63.1	59.1	53.7	45.3
LT-6	0	8/23/2024	5:00:00	3600	62.2	97.8	86.9	43	104.5	107.3	68.7	66.1	65.6	62.7	58.7	49.9
LT-6	0	8/23/2024	6:00:00	3600	64	99.6	77.3	43	93	98.6	70.5	67.8	67.4	65.4	62.1	53.4
LT-6	0	8/23/2024	7:00:00	3600	63.9	99.5	74.6	46.9	90.1	95.7	69.3	67.5	67.2	65.6	62.7	55
LT-6	0	8/23/2024	8:00:00	3600	63.8	99.4	81.1	47.1	98	99.7	68.9	66.9	66.5	64.9	62.5	57.1
LT-6	0	8/23/2024	9:00:00	3600	62.3	97.9	73.4	48.6	87.3	95.7	67.8	65.6	65.3	63.6	61.3	55.5
LT-6	0	8/23/2024	10:00:00	3600	62.4	98	85.1	48.4	102.8	101.7	68.4	65.3	64.8	63.1	61	54.5
LT-6	0	8/23/2024	11:00:00	3600	61.5	97.1	75.8	47.4	96.2	95.7	66.7	64.7	64.4	62.8	60.5	53.9
LT-6	0	8/23/2024	12:00:00	3600	63.4	99	88.6	47.8	100.7	106.8	67.8	64.8	64.4	62.7	60.6	55
LT-6	0	8/23/2024	13:00:00	3600	61.1	96.6	74.1	46.9	87.8	91.2	66.1	64.4	64	62.5	60.2	53.9
LT-6	0	8/23/2024	14:00:00	3600	62.2	97.8	82.1	45.4	97.4	101.7	67.1	64.9	64.7	63.2	61.1	53.9
LT-6	0	8/23/2024	15:00:00	3600	63.2	98.8	78	46.7	95.6	98.6	69.6	66.5	65.9	64	62.1	54.8
LT-6	0	8/23/2024	16:00:00	3600	62.6	98.1	82.4	47.6	97	102.5	67.8	65.3	65	63.5	61.2	54.2
LT-6	0	8/23/2024	17:00:00	3600	62.7	98.2	80.1	44.6	93.1	99.7	68.2	65.8	65.5	63.8	61.4	54.5
LT-6	0	8/23/2024	18:00:00	3600	62.6	98.2	80.9	43.4	95.8	98.6	68.6	65.9	65.6	63.7	60.7	53.5
LT-6	0	8/23/2024	19:00:00	3600	61.5	97.1	72.9	42.1	87.7	95.7	67.6	65.2	64.8	63	59.9	52.2
LT-6	0	8/23/2024	20:00:00	3600	60.2	95.8	76.1	42.4	89.7	93.7	66.1	64.2	63.8	61.7	58.2	50.6
LT-6	0	8/23/2024	21:00:00	3600	59.1	94.7	72	38.4	94.3	93.7	65.3	63.3	62.8	60.5	56.9	47.3
LT-6	0	8/23/2024	22:00:00	3600	59.5	95	71.4	39	86.5	91.2	66.5	63.6	63.1	60.4	56.9	49.6
LT-6	0	8/23/2024	23:00:00	3600	57.4	93	72	35.8	84.3	91.2	64.3	61.8	61.4	58.6	54.6	45.4
LT-6	0	8/24/2024	0:00:00	3600	55.7	91.3	69.1	37.3	84	91.2	64.6	60.4	59.6	55.8	50.6	42.9
LT-6	0	8/24/2024	1:00:00	3600	54	89.5	72.6	31	85	0	62.8	59.1	58.1	53.2	46.3	35.8
LT-6	0	8/24/2024	2:00:00	3600	50.6	86.2	68.3	29.4	81.1	0	60.6	56	54.9	46.9	38.4	31.7
LT-6	0	8/24/2024	3:00:00	3600	51.5	87.1	67.3	29.1	80.5	0	61.5	56.7	55.5	48.3	41.1	36.6
LT-6	0	8/24/2024	4:00:00	3600	54.7	90.3	71.6	31.9	85.5	91.2	63.4	60.3	59.5	54.3	46.7	36.5
LT-6	0	8/24/2024	5:00:00	3600	59	94.6	71.8	43.6	91	93.7	66.7	63.9	63.3	59.9	54.9	49.7
LT-6	0	8/24/2024	6:00:00	3600	62.4	98	78.1	40.3	98.3	99.7	69.1	66.6	66.1	63.6	60.1	51.2
LT-6	0	8/24/2024	7:00:00	3600	64.1	99.6	76.4	45.9	88.7	95.7	69.9	68.1	67.7	65.6	62.4	54.3
LT-6	0	8/24/2024	8:00:00	3600	65	100.6	75.4	44.8	95.7	97.2	70.3	68.5	68.2	66.5	64	57.1
LT-6	0	8/24/2024	9:00:00	3600	68.2	103.8	76.7	54.1	97.1	98.6	72.7	71.3	71	69.7	67.6	62.7
LT-6	0	8/24/2024	10:00:00	3600	66.4	102	86.9	51.8	100.6	100.8	71	69.2	68.9	67.4	65.1	59
LT-6	0	8/24/2024	11:00:00	3600	64.6	100.2	73.7	49	97.3	97.2	69.2	67.8	67.6	66.3	63.9	58
LT-6	0	8/24/2024	12:00:00	3600	64.7	100.3	85.3	47.6	97.8	98.6	69.7	67.4	67	65.6	63.4	56.8
LT-6	0	8/24/2024	13:00:00	3600	63.7	99.3	83.1	47.3	95.3	98.6	69.4	66.7	66.4	64.7	62.1	55.3
LT-6	0	8/24/2024	14:00:00	3600	63.1	98.6	77.4	48.3	102.1	105.2	68.1	66.5	66.2	64.6	61.9	55.2
LT-6	0	8/24/2024	15:00:00	3600	63.6	99.2	79	46.9	95.3	100.8	69.3	66.7	66.3	64.9	62.4	55.8

LT-6	0	8/24/2024	16:00:00	3600	62.8	98.4	77.8	47.4	95	113.9	68	66.4	66	64.3	61.5	54.8
LT-6	0	8/24/2024	17:00:00	3600	63.6	99.1	79.6	48.6	95.3	98.6	68.7	66.9	66.7	65.1	62.4	55.3
LT-6	0	8/24/2024	18:00:00	3600	63.5	99.1	78.5	44.6	94.7	98.6	70.1	66.9	66.5	64.5	61.5	55.7
LT-6	0	8/24/2024	19:00:00	3600	63.3	98.8	86.1	45	101.8	105.2	69	66.6	66.1	64	60.9	54.2
LT-6	0	8/24/2024	20:00:00	3600	62.8	98.4	83.9	50	100	102.5	68.3	66.2	65.9	63.9	61.1	55.2
LT-6	0	8/24/2024	21:00:00	3600	62.3	97.9	82.1	43.9	96.3	99.7	67.8	65.5	65	63	60.1	53.9
LT-6	0	8/24/2024	22:00:00	3600	61.2	96.8	76.5	44.4	91.6	97.2	67.9	65	64.5	61.8	58.8	52.7
LT-6	0	8/24/2024	23:00:00	3600	58.6	94.2	70.5	37.9	83.6	91.2	65.2	62.9	62.5	60	56.4	49.1
LT-6	0	8/25/2024	0:00:00	3600	56.7	92.3	70.9	39.3	85.2	91.2	64.2	61	60.3	57.3	53.5	46.4
LT-6	0	8/25/2024	1:00:00	3600	55	90.6	71.4	37.5	85	91.2	63.3	60.1	59.2	54.5	49.1	42.3
LT-6	0	8/25/2024	2:00:00	3600	53.6	89.2	67.5	32.6	82	0	62.9	58.9	58.1	53.1	46	36.6
LT-6	0	8/25/2024	3:00:00	3600	52.1	87.7	66.6	34.6	79.6	0	61.7	57.6	56.6	50.9	44	38.1
LT-6	0	8/25/2024	4:00:00	3600	54.3	89.9	70.4	33.9	82.3	91.2	63.3	59.7	58.9	53.6	46.9	36.5
LT-6	0	8/25/2024	5:00:00	3600	57.1	92.7	73.6	37.9	86.2	91.2	65.3	61.9	61.1	57.1	52.3	46.1
LT-6	0	8/25/2024	6:00:00	3600	61.3	96.8	84.5	37.9	97.5	100.8	68.5	65.5	64.8	61.2	56.8	49.4
LT-6	0	8/25/2024	7:00:00	3600	62.2	97.8	82.8	42.8	96.7	101.7	68.7	66.2	65.7	62.8	58.9	51.6
LT-6	0	8/25/2024	8:00:00	3600	61.9	97.5	79.9	44.1	94.4	97.2	67.8	65.8	65.4	63.1	59.9	52.5
LT-6	0	8/25/2024	9:00:00	3600	63	98.6	82.8	45.3	96.7	98.6	68.5	66.4	66	64	61	53.7
LT-6	0	8/25/2024	10:00:00	3600	62.8	98.4	81.5	44.1	101.1	103.9	68.2	66	65.7	64.1	61.7	55.3
LT-6	0	8/25/2024	11:00:00	3600	62.8	98.4	76.1	45.8	91.6	97.2	68.2	66	65.7	64.1	61.8	55.3
LT-6	0	8/25/2024	12:00:00	3600	63.4	99	78.9	47.1	95	98.6	69.1	66.7	66.2	64.6	62.4	55.8
LT-6	0	8/25/2024	13:00:00	3600	62.7	98.3	81	46	95.8	101.7	68.1	65.9	65.5	63.7	61	54.1
LT-6	0	8/25/2024	14:00:00	3600	62.4	98	79.8	45.9	101.8	100.8	68.3	65.7	65.4	63.5	60.5	53.6
LT-6	0	8/25/2024	15:00:00	3600	62.6	98.1	77.3	47.3	94.6	98.6	68.7	66.2	65.8	63.9	60.8	53.8
LT-6	0	8/25/2024	16:00:00	3600	62.9	98.5	82.8	45.5	102.6	109.6	68.5	66	65.7	64	61.1	54.5
LT-6	0	8/25/2024	17:00:00	3600	62.7	98.2	74.6	46.1	90.3	95.7	68.4	66.6	66.2	64.3	61	54
LT-6	0	8/25/2024	18:00:00	3600	61.9	97.5	75.8	45.8	89.1	95.7	68	65.9	65.6	63.4	59.8	52.7
LT-6	0	8/25/2024	19:00:00	3600	62.4	98	80.9	43.4	95.7	101.7	68.7	66.1	65.7	63.3	59.4	52.7
LT-6	0	8/25/2024	20:00:00	3600	63.1	98.7	83.4	47	96.8	99.7	69.6	66.4	65.9	63.3	59.4	53.2
LT-6	0	8/25/2024	21:00:00	3600	61.8	97.4	72.3	44	88	93.7	68.8	65.7	65.3	63	59.9	53.3
LT-6	0	8/25/2024	22:00:00	3600	59.5	95.1	78.8	44.8	90.7	97.2	66	63	62.6	60.2	57.2	50.7
LT-6	0	8/25/2024	23:00:00	3600	55.7	91.3	69.9	39.4	83.2	0	63.2	60.5	59.8	56.5	52.3	45.3
LT-6	0	8/26/2024	0:00:00	3600	54.6	90.2	71.1	36.6	83	93.7	62.6	59.6	58.9	54.9	50.1	41.4
LT-6	0	8/26/2024	1:00:00	3600	53.9	89.5	69.1	35.9	82.6	0	63.5	59.1	58	52.6	46.1	38.3
LT-6	0	8/26/2024	2:00:00	3600	52.8	88.3	69.8	35.4	83.2	0	62.1	57.9	56.9	50.6	43.9	37.5
LT-6	0	8/26/2024	3:00:00	3600	55.5	91	68.8	35.9	82.8	0	64.3	60.8	60.1	55.4	49.4	39.2
LT-6	0	8/26/2024	4:00:00	3600	59.9	95.5	75.5	36.9	89.3	93.7	67.7	64.6	64	60.7	55.4	45.7
LT-6	0	8/26/2024	5:00:00	3600	62.9	98.4	75.6	43	102.6	102.5	69.7	67.4	67	64.3	60.1	50.8
LT-6	0	8/26/2024	6:00:00	3600	64.8	100.3	78.8	48.1	93.4	99.7	70.7	68.4	68	66	63.2	56.1
LT-6	0	8/26/2024	7:00:00	3600	64.4	100	74.6	48.8	90.1	95.7	69.8	67.9	67.6	66	63.2	56.1
LT-6	0	8/26/2024	8:00:00	3600	74.6	110.1	95.4	50.6	109.7	112.3	84.5	77	74.2	69	66.2	59.3
LT-6	0	8/26/2024	9:00:00	3600	68.5	104.1	76	50.8	92.6	95.7	74.2	72.7	72.3	69.8	67.1	59.8
LT-6	0	8/26/2024	10:00:00	3600	62.6	98.1	77.4	46.5	95.7	99.7	67.5	65.6	65.3	63.9	61.9	55.5
LT-6	0	8/26/2024	11:00:00	3600	62.6	98.2	76.8	47.5	103.9	110.9	68.5	65.7	65.4	63.7	61.6	55.3
LT-6	0	8/26/2024	12:00:00	3600	62.3	97.9	77.3	47.1	95	98.6	67.7	65.4	65	63.4	61.3	54.8
LT-6	0	8/26/2024	13:00:00	3600	62.5	98.1	74.8	47	92	97.2	68.9	65.8	65.4	63.6	61.4	53.8
LT-6	0	8/26/2024	14:00:00	3600	65.1	100.7	91.5	47	101.7	101.7	68.6	65.3	64.9	63.4	61.3	54.8
LT-6	0	8/26/2024	15:00:00	3600	62.3	97.9	74.4	46.5	98.8	98.6	68.1	65.7	65.4	63.5	61.1	54.9
LT-6	0	8/26/2024	16:00:00	3600	63.3	98.9	78.6	48.3	102.7	106.3	69.2	66	65.7	64.2	62.3	56.3
LT-6	0	8/26/2024	17:00:00	3600	65.4	101	92.6	46	105.2	105.2	69.2	66.3	65.9	64.3	61.9	54.8
LT-6	0	8/26/2024	18:00:00	3600	64.2	99.8	88.2	45.6	99.7	99.7	69.8	66.3	65.9	64	61.4	54.9
LT-6	0	8/26/2024	19:00:00	3600	62.6	98.2	80.3	44.4	94.5	101.7	68.3	65.9	65.5	63.4	60.4	54.1
LT-6	0	8/26/2024	20:00:00	3600	60.7	96.3	74.9	47	98.6	99.7	66.4	64.5	64.1	62	59	53.2
LT-6	0	8/26/2024	21:00:00	3600	60.1	95.7	77.8	43.1	90.5	98.6	66.6	64.1	63.6	61	57.8	50.9
LT-6	0	8/26/2024	22:00:00	3600	59.3	94.8	83.5	40	100.1	103.9	65.2	62.5	62	59.4	55.8	48.3
LT-6	0	8/26/2024	23:00:00	3600	56	91.5	69.9	38.6	83.7	93.7	64.1	60.7	60	56.3	51.6	43.7
LT-6	0	8/27/2024	0:00:00	3600	54.7	90.2	68.3	38.8	82.3	0	63.6	59.7	58.8	54.6	49.4	42.1
LT-6	0	8/27/2024	1:00:00	3600	53.5	89.1	68.4	36.8	82.6	91.2	63	58.4	57.5	52.2	46.3	39.7
LT-6	0	8/27/2024	2:00:00	3600	54	89.6	71.8	37.1	86	0	63	59	58.1	52.7	46.9	39.9
LT-6	0	8/27/2024	3:00:00	3600	54.2	89.8	70	38.6	84.3	93.7	63	59.5	58.7	53.9	48.2	41.7
LT-6	0	8/27/2024	4:00:00	3600	60.1	95.7	80	40.3	92.3	100.8	67.6	64.5	63.9	60.6	56	46.9
LT-6	0	8/27/2024	5:00:00	3600	63.2	98.7	80.3	45.3	97.1	101.7	69.7	67.3	66.8	64.2	60.5	52.6
LT-6	0	8/27/2024	6:00:00	3600	64.1	99.6	77.9	49.4	93.6	97.2	69.7	67.9	67.6	65.6	62.3	55.1
LT-6	0	8/27/2024	7:00:00	3600	65.2	100.8	88.8	51.6	98.1	98.6	69.7	67.8	67.5	65.8	63.4	56.9
LT-6	0	8/27/2024	8:00:00	3600	64.1	99.6	77.5	47.3	92.5	98.6	69	67.2	66.9	65.4	63.1	55.5
LT-6	0	8/27/2024	9:00:00	3600	63.5	99.1	75.8	46.5	93.1	97.2	69.1	66.7	66.4	64.8	62.6	54.4
LT-6	0	8/27/2024	10:00:00	3600	63.6	99.1	82.4	47.5	94.6	95.7	68.7	66.7	66.3	64.7	62.3	55.9
LT-6	0	8/27/2024	11:00:00	3600	62.7	98.3	79.6	48.3	96.3	98.6	67.9	65.8	65.5	63.9	61.8	55.5
LT-6	0	8/27/2024	12:00:00	3600	62.3	97.9	77.8	49.1	98.8	100.8	68.6	65.5	65	63.3	61.1	54.6
LT-6	0	8/27/2024	13:00:00	3600	62	97.6	76.6	47.1	93.2	97.2	67.5	65.3	64.9	63.3	60.8	54.1
LT-6	0	8/27/2024	14:00:00	3600	61.8	97.4	76.9	47.5	91.5	97.2	67.1	64.8	64.5	62.9	60.8	53.7
LT-6	0	8/27/2024	15:00:00	3600	61.5	97.1	73.4	45.8	90.2	91.2	66.7	64.8	64.5	62.8	60.6	54.2
LT-6	0	8/27/2024	16:00:00	3600	64.1	99.6	89.5	49.3	99.8	100.8	69.2	65	64.7	63.1	60.9	55.1
LT-6	0	8/27/2024	17:00:00	3600	64.4	100	90	46.5	101.8	101.7	68.5	65.8	65.5	63.7	61.5	54.7
LT-6	0	8/27/2024	18:00:00	3600	62.9	98.5	84.1	45.1	101.3	107.3	68.6	66.1	65.7	63.8	60.8	53.5
LT-6	0	8/27/2024	19:00:00	3600	66	101.5	92.6	45.6	103.3	103.9	69	66.1	65.7	63.2	60	53.2

LT-6	0	8/27/2024	20:00:00	3600	61.5	97	79.5	49	94.3	95.7	67.5	64.8	64.4	62.2	59.4	53.6
LT-6	0	8/27/2024	21:00:00	3600	61.8	97.4	83.1	45.5	96.6	102.5	67.8	65.1	64.7	62.5	59.4	53.2
LT-6	0	8/27/2024	22:00:00	3600	58.6	94.1	72.5	41.4	85.3	93.7	65.5	62.8	62.3	59.7	56.2	48.9
LT-6	0	8/27/2024	23:00:00	3600	55.8	91.4	69.3	39.8	92.2	91.2	63	60.6	60	56.6	52.2	45
LT-6	0	8/28/2024	0:00:00	3600	55.8	91.4	75.8	38.4	88.5	91.2	63.6	60.1	59.4	55.5	50.5	43.1
LT-6	0	8/28/2024	1:00:00	3600	52.7	88.3	68.6	37	82.3	0	62.6	57.2	56.3	50.7	46	40.3
LT-6	0	8/28/2024	2:00:00	3600	53.3	88.9	70.9	37.5	90.7	91.2	62.9	58.3	57.3	51.1	45.5	40.5
LT-6	0	8/28/2024	3:00:00	3600	54.6	90.1	68.6	40	83.8	91.2	63.2	59.6	58.9	54.5	49.1	43.3
LT-6	0	8/28/2024	4:00:00	3600	59.2	94.8	73	42.1	87.4	93.7	67	64	63.4	59.9	54.9	47.9
LT-6	0	8/28/2024	5:00:00	3600	63.2	98.8	85.4	48.4	102.1	103.3	69.2	67	66.5	63.8	60.6	53.6
LT-6	0	8/28/2024	6:00:00	3600	64.3	99.9	78.8	48.3	93.8	100.8	70.8	68.1	67.7	65.6	62.1	54.8
LT-6	0	8/28/2024	7:00:00	3600	77.9	113.5	94.5	50.8	108	109.3	90.8	75.5	71	66.7	64.1	58.2
LT-6	0	8/28/2024	8:00:00	3600	64.4	100	80	49.7	94.3	99.7	69.6	67.3	66.9	65.5	63.2	57.7
LT-6	0	8/28/2024	9:00:00	3600	62.7	98.2	74.3	49.9	90.5	95.7	67.4	65.9	65.7	64.2	61.8	56.1
LT-6	0	8/28/2024	10:00:00	3600	62.6	98.1	75.6	47.9	91.7	95.7	67.4	65.9	65.6	64	61.7	55.3
LT-6	0	8/28/2024	11:00:00	3600	62.1	97.6	76.4	47.3	94.1	98.6	67.1	65.1	64.8	63.3	61.3	55.2
LT-6	0	8/28/2024	12:00:00	3600	61.6	97.2	77.1	44	92.7	95.7	66.9	64.8	64.5	63	60.7	54.5
LT-6	0	8/28/2024	13:00:00	3600	61.5	97.1	74.8	45.3	90.7	93.7	66.4	64.8	64.5	62.9	60.7	54.4
LT-6	0	8/28/2024	14:00:00	3600	61.7	97.3	74.1	48.5	87.5	93.7	66.9	64.8	64.6	63	60.9	54.8
LT-6	0	8/28/2024	15:00:00	3600	62.2	97.8	81.6	46.1	98.1	101.7	67.4	65.1	64.8	63.2	61	54.3
LT-6	0	8/28/2024	16:00:00	3600	62.7	98.3	83.9	47.8	99	104.6	67.9	65.3	64.9	63.3	61.2	54.1
LT-6	0	8/28/2024	17:00:00	3600	62.9	98.5	84.1	46.1	110.3	110.3	68	65.8	65.5	63.8	61.6	55.6
LT-6	0	8/28/2024	18:00:00	3600	62.9	98.5	81.1	48.5	91.8	99.7	68.3	66.1	65.8	64.1	61.5	55.5
LT-6	0	8/28/2024	19:00:00	3600	62.3	97.9	77.3	47.4	93.2	98.6	68.5	65.8	65.4	63.4	60.2	53.5
LT-6	0	8/28/2024	20:00:00	3600	61.8	97.3	77.3	48.5	93.1	96.5	67.6	65.3	64.9	62.8	59.8	54.3
LT-6	0	8/28/2024	21:00:00	3600	60.4	96	76.6	41.5	91.3	99.7	67.2	64.5	63.9	61.1	57.7	50.3
LT-6	0	8/28/2024	22:00:00	3600	58.1	93.7	69.5	41.4	84.5	91.2	64.5	62.3	61.8	59.3	56.1	48.8
LT-6	0	8/28/2024	23:00:00	3600	55.7	91.3	67.5	38	82.3	89.6	63.7	60.4	59.8	56.6	52.1	44.6
LT-6	0	8/29/2024	0:00:00	3600	54.6	90.2	70.5	39.5	84.4	91.2	63.9	59.2	58.4	54.1	48.9	42.5
LT-6	0	8/29/2024	1:00:00	3600	52.6	88.2	68.3	38.5	82.7	0	61.2	57.4	56.6	52.3	47.4	41.5
LT-6	0	8/29/2024	2:00:00	3600	52.9	88.5	68.6	37.2	82.6	0	62.6	58.3	57.2	50.8	45.3	40.5
LT-6	0	8/29/2024	3:00:00	3600	55.9	91.5	76.3	41	88.2	95.7	63.7	60.5	59.7	55.7	50.1	43.8
LT-6	0	8/29/2024	4:00:00	3600	60.3	95.9	76.9	43.4	91.5	95.7	67.8	64.7	64.2	61.1	56.7	49.4
LT-6	0	8/29/2024	5:00:00	3600	62.6	98.2	76	48.6	89.8	93.7	68.8	66.9	66.5	64	60.7	53.8
LT-6	0	8/29/2024	6:00:00	3600	63.8	99.4	82.5	49.3	106.8	110.3	70.2	67.5	67.1	65.2	61.7	54.4
LT-6	0	8/29/2024	7:00:00	3600	64	99.5	79	48.3	93	99.7	68.9	67.6	67.3	65.6	62.7	55.6
LT-6	0	8/29/2024	8:00:00	3600	63.4	99	74.3	48.5	89.6	95.7	68.5	66.8	66.6	65	62.5	55.7
LT-6	0	8/29/2024	9:00:00	3600	64.9	100.5	91.4	44.5	105.1	104.6	69.2	66.3	65.9	64.2	61.8	55
LT-6	0	8/29/2024	10:00:00	3600	62	97.6	72.5	48	90	95.7	67.5	65.2	64.9	63.3	61.1	55.1
LT-6	0	8/29/2024	11:00:00	3600	61.3	96.9	72.8	47.4	88.1	95.7	66.8	64.7	64.4	62.8	60.4	53.5
LT-6	0	8/29/2024	12:00:00	3600	62	97.5	81.1	48.2	93.8	97.2	66.9	64.8	64.5	62.8	60.5	54.2
LT-6	0	8/29/2024	13:00:00	3600	61.8	97.3	74.8	47	91.1	97.2	67.4	65	64.6	62.9	60.6	54.4
LT-6	0	8/29/2024	14:00:00	3600	61.7	97.3	77.4	45.3	93.6	97.2	66.9	64.9	64.6	62.9	60.8	54
LT-6	0	8/29/2024	15:00:00	3600	61.6	97.2	73.8	48.2	89.3	93.7	66.7	64.9	64.6	63	60.9	54.5
LT-6	0	8/29/2024	16:00:00	3600	62.2	97.8	74.5	46.9	89.4	97.2	67.7	65.3	65	63.4	61.4	54.1
LT-6	0	8/29/2024	17:00:00	3600	62.3	97.9	76.8	45.4	95.1	97.9	67.7	65.7	65.3	63.7	61.2	54.2
LT-6	0	8/29/2024	18:00:00	1767.6	62.1	94.6	75.8	46.4	103	105.2	68.2	65.8	65.5	63.6	60.7	52.2

Meas Location	Number	Date	Time	Duration (sec)	Leq	SEL	Lmax	Lmin	L(2)	L(8)	L(25)	L(50)	L(90)
LT-7	0	8/21/2024	16:26:53	00:33:06.9	52.4	85.4	71.2	35.7	63.3	53.5	47.6	44.0	37.7
LT-7	0	8/21/2024	17:00:00	01:00:00.0	52.9	88.5	71.0	36.8	61.5	53.7	51.7	51.2	39.1
LT-7	0	8/21/2024	18:00:00	01:00:00.0	52.4	87.9	72.2	36.7	59.4	51.8	51.0	46.0	38.7
LT-7	0	8/21/2024	19:00:00	01:00:00.0	52.9	88.5	72.2	37.1	61.7	54.1	51.7	45.9	40.1
LT-7	0	8/21/2024	20:00:00	01:00:00.0	46.5	82.0	55.3	37.5	52.3	51.9	45.4	42.7	40.3
LT-7	0	8/21/2024	21:00:00	01:00:00.0	47.9	83.4	71.2	37.3	52.5	51.9	46.2	42.0	39.2
LT-7	0	8/21/2024	22:00:00	01:00:00.0	47.1	82.7	75.4	36.4	51.0	45.5	41.2	39.9	38.2
LT-7	0	8/21/2024	23:00:00	01:00:00.0	43.1	78.7	63.1	36.4	51.1	44.6	41.0	39.6	37.7
LT-7	0	8/22/2024	00:00:00	01:00:00.0	38.5	74.0	47.6	35.1	42.0	40.2	38.9	38.0	36.5
LT-7	0	8/22/2024	01:00:00	01:00:00.0	37.9	73.5	54.4	33.7	42.8	40.2	38.3	36.8	35.3
LT-7	0	8/22/2024	02:00:00	01:00:00.0	40.4	76.0	64.1	33.2	41.1	38.6	36.9	35.8	34.5
LT-7	0	8/22/2024	03:00:00	01:00:00.0	37.2	72.7	45.8	32.8	41.3	39.6	37.7	36.5	34.6
LT-7	0	8/22/2024	04:00:00	01:00:00.0	39.8	75.4	54.2	33.5	43.7	42.2	40.6	39.1	36.5
LT-7	0	8/22/2024	05:00:00	01:00:00.0	41.4	77.0	51.2	35.7	45.4	43.8	42.1	40.7	38.5
LT-7	0	8/22/2024	06:00:00	01:00:00.0	50.1	85.6	83.0	38.0	50.3	47.6	45.8	44.4	41.6
LT-7	0	8/22/2024	07:00:00	01:00:00.0	46.2	81.8	67.8	39.5	52.4	47.6	45.7	44.5	42.4
LT-7	0	8/22/2024	08:00:00	01:00:00.0	48.0	83.6	68.0	39.9	56.6	49.9	46.3	44.7	42.3
LT-7	0	8/22/2024	09:00:00	01:00:00.0	50.5	86.0	76.2	38.3	55.4	50.7	47.1	44.3	40.9
LT-7	0	8/22/2024	10:00:00	01:00:00.0	59.4	94.9	81.8	38.7	69.5	56.1	47.9	44.6	41.4
LT-7	0	8/22/2024	11:00:00	01:00:00.0	55.9	91.5	75.3	38.1	67.0	59.7	48.6	44.2	40.7
LT-7	0	8/22/2024	12:00:00	01:00:00.0	55.9	91.5	77.7	38.3	65.5	56.7	48.2	44.5	40.8
LT-7	0	8/22/2024	13:00:00	01:00:00.0	55.7	91.3	76.9	38.5	65.5	58.6	47.8	43.9	41.0
LT-7	0	8/22/2024	14:00:00	01:00:00.0	48.8	84.3	74.7	38.6	53.3	48.1	45.4	43.5	41.0
LT-7	0	8/22/2024	15:00:00	01:00:00.0	52.8	88.3	69.5	40.2	60.2	54.2	52.2	51.6	43.7
LT-7	0	8/22/2024	16:00:00	01:00:00.0	53.2	88.8	71.2	38.6	62.0	53.9	52.0	51.3	42.3
LT-7	0	8/22/2024	17:00:00	01:00:00.0	54.8	90.3	75.8	41.1	65.3	52.1	48.0	46.2	43.6
LT-7	0	8/22/2024	18:00:00	01:00:00.0	47.4	83.0	72.3	39.1	52.9	49.5	47.2	45.6	43.1
LT-7	0	8/22/2024	19:00:00	01:00:00.0	46.8	82.4	68.0	39.9	51.2	48.7	46.8	45.5	43.0
LT-7	0	8/22/2024	20:00:00	01:00:00.0	45.8	81.4	60.5	39.9	51.2	48.4	46.2	44.6	42.4
LT-7	0	8/22/2024	21:00:00	01:00:00.0	45.4	81.0	60.2	38.2	50.9	47.6	45.5	43.8	41.5
LT-7	0	8/22/2024	22:00:00	01:00:00.0	43.0	78.6	57.2	37.8	50.2	45.6	42.8	41.2	39.3
LT-7	0	8/22/2024	23:00:00	01:00:00.0	42.1	77.6	60.3	35.7	48.7	44.9	41.7	40.0	37.6
LT-7	0	8/23/2024	00:00:00	01:00:00.0	42.9	78.4	52.3	36.6	49.0	46.2	43.4	41.4	38.8
LT-7	0	8/23/2024	01:00:00	01:00:00.0	44.1	79.7	52.7	37.0	50.1	47.7	44.8	42.5	40.0
LT-7	0	8/23/2024	02:00:00	01:00:00.0	39.0	74.5	47.9	33.5	44.6	41.6	39.4	37.9	36.0
LT-7	0	8/23/2024	03:00:00	01:00:00.0	41.2	76.7	49.9	35.2	46.6	44.6	41.8	39.7	37.3
LT-7	0	8/23/2024	04:00:00	01:00:00.0	41.7	77.3	54.7	37.0	45.8	43.9	42.2	40.9	38.8
LT-7	0	8/23/2024	05:00:00	01:00:00.0	41.7	77.2	55.9	35.6	46.2	44.2	42.3	40.8	38.5
LT-7	0	8/23/2024	06:00:00	01:00:00.0	43.5	79.0	56.4	36.5	48.1	45.6	44.0	42.7	40.3
LT-7	0	8/23/2024	07:00:00	01:00:00.0	44.2	79.8	55.6	36.3	48.4	47.1	45.3	43.4	40.1
LT-7	0	8/23/2024	08:00:00	01:00:00.0	48.0	83.6	69.3	39.6	54.7	49.0	46.2	44.6	42.2
LT-7	0	8/23/2024	09:00:00	01:00:00.0	52.5	88.1	75.7	38.3	60.2	52.8	49.3	46.7	43.0
LT-7	0	8/23/2024	10:00:00	01:00:00.0	51.0	86.6	75.0	37.8	57.8	51.1	46.7	44.6	41.3
LT-7	0	8/23/2024	11:00:00	01:00:00.0	52.8	88.3	76.1	37.5	62.3	53.8	48.7	45.8	42.0
LT-7	0	8/23/2024	12:00:00	01:00:00.0	55.1	90.7	75.3	35.8	66.0	52.7	43.7	41.3	39.0
LT-7	0	8/23/2024	13:00:00	01:00:00.0	52.3	87.8	74.8	34.7	60.3	50.2	45.4	42.6	38.5
LT-7	0	8/23/2024	14:00:00	01:00:00.0	55.4	91.0	82.0	36.4	60.5	47.5	43.5	41.2	38.6
LT-7	0	8/23/2024	15:00:00	01:00:00.0	51.7	87.3	79.8	34.0	56.0	50.1	44.3	41.1	37.5
LT-7	0	8/23/2024	16:00:00	01:00:00.0	46.5	82.1	67.4	33.7	54.5	46.5	41.2	39.4	36.9
LT-7	0	8/23/2024	17:00:00	01:00:00.0	54.3	89.8	83.4	35.2	57.6	49.6	43.4	40.7	38.0
LT-7	0	8/23/2024	18:00:00	01:00:00.0	54.5	90.0	82.6	34.9	57.5	48.8	42.2	39.6	37.5
LT-7	0	8/23/2024	19:00:00	01:00:00.0	43.1	78.7	58.5	35.1	52.5	46.9	40.5	38.9	37.2
LT-7	0	8/23/2024	20:00:00	01:00:00.0	48.0	83.6	63.7	36.0	53.4	52.1	51.8	40.5	38.0
LT-7	0	8/23/2024	21:00:00	01:00:00.0	41.8	77.4	55.2	34.9	50.7	46.1	39.7	38.2	36.7
LT-7	0	8/23/2024	22:00:00	01:00:00.0	41.7	77.2	59.3	34.5	49.8	46.1	40.3	38.3	36.3
LT-7	0	8/23/2024	23:00:00	01:00:00.0	40.8	76.3	55.9	33.9	49.7	43.8	39.3	37.6	35.6
LT-7	0	8/24/2024	00:00:00	01:00:00.0	39.1	74.7	54.8	32.4	49.0	40.1	37.2	35.9	34.2
LT-7	0	8/24/2024	01:00:00	01:00:00.0	35.9	71.4	59.0	31.9	38.0	36.8	35.5	34.4	33.1
LT-7	0	8/24/2024	02:00:00	01:00:00.0	35.7	71.2	45.6	31.5	39.8	38.6	36.3	34.7	33.1
LT-7	0	8/24/2024	03:00:00	01:00:00.0	33.9	69.5	42.6	30.5	37.5	35.9	34.6	33.4	31.8

LT-7	0	8/24/2024	04:00:00	01:00:00.0	35.3	70.9	52.0	30.1	41.2	38.4	35.6	33.8	31.6
LT-7	0	8/24/2024	05:00:00	01:00:00.0	46.2	81.7	56.9	34.6	53.9	51.2	46.0	41.9	37.4
LT-7	0	8/24/2024	06:00:00	01:00:00.0	47.3	82.9	70.9	35.2	50.3	44.9	42.6	40.8	37.7
LT-7	0	8/24/2024	07:00:00	01:00:00.0	53.8	89.3	78.6	37.4	57.3	47.6	43.7	42.2	39.9
LT-7	0	8/24/2024	08:00:00	01:00:00.0	53.1	88.7	76.6	36.2	59.7	57.4	53.0	44.0	40.3
LT-7	0	8/24/2024	09:00:00	01:00:00.0	55.1	90.7	77.6	44.3	58.7	56.8	53.5	51.0	47.5
LT-7	0	8/24/2024	10:00:00	01:00:00.0	46.3	81.8	65.9	39.6	51.9	49.7	46.8	44.1	41.9
LT-7	0	8/24/2024	11:00:00	01:00:00.0	45.5	81.1	68.7	39.5	48.7	46.2	44.5	43.5	41.9
LT-7	0	8/24/2024	12:00:00	01:00:00.0	48.6	84.2	74.2	38.8	55.1	50.1	46.4	44.1	41.6
LT-7	0	8/24/2024	13:00:00	01:00:00.0	52.0	87.5	73.1	39.1	60.7	51.8	49.2	47.1	41.5
LT-7	0	8/24/2024	14:00:00	01:00:00.0	52.6	88.1	74.2	38.5	57.5	55.9	53.6	50.4	42.9
LT-7	0	8/24/2024	15:00:00	01:00:00.0	55.9	91.5	71.8	39.1	60.7	58.2	56.6	55.1	46.8
LT-7	0	8/24/2024	16:00:00	01:00:00.0	48.2	83.7	67.9	36.0	55.1	51.6	47.4	43.1	39.3
LT-7	0	8/24/2024	17:00:00	01:00:00.0	47.1	82.7	70.0	34.9	55.3	48.1	44.7	42.2	38.9
LT-7	0	8/24/2024	18:00:00	01:00:00.0	48.4	83.9	72.3	34.1	54.5	47.2	42.0	39.7	36.9
LT-7	0	8/24/2024	19:00:00	01:00:00.0	43.4	79.0	58.0	34.7	49.3	46.7	43.9	41.7	37.9
LT-7	0	8/24/2024	20:00:00	01:00:00.0	47.1	82.7	58.0	39.4	51.7	49.6	47.9	46.4	43.7
LT-7	0	8/24/2024	21:00:00	01:00:00.0	48.5	84.1	72.1	39.5	52.2	50.4	48.5	46.7	43.5
LT-7	0	8/24/2024	22:00:00	01:00:00.0	45.9	81.4	62.2	36.7	51.9	48.8	46.2	43.8	40.3
LT-7	0	8/24/2024	23:00:00	01:00:00.0	42.5	78.1	53.8	34.9	48.5	45.9	43.1	41.0	37.9
LT-7	0	8/25/2024	00:00:00	01:00:00.0	41.0	76.5	56.7	32.3	47.6	44.5	41.0	38.5	35.2
LT-7	0	8/25/2024	01:00:00	01:00:00.0	38.1	73.7	48.1	30.9	44.2	41.8	38.9	36.1	33.1
LT-7	0	8/25/2024	02:00:00	01:00:00.0	35.8	71.3	50.0	30.5	42.5	38.7	35.6	33.6	31.7
LT-7	0	8/25/2024	03:00:00	01:00:00.0	37.8	73.4	61.6	29.8	42.2	38.6	35.2	32.8	30.9
LT-7	0	8/25/2024	04:00:00	01:00:00.0	37.8	73.3	51.8	30.1	45.0	41.7	38.2	34.9	31.6
LT-7	0	8/25/2024	05:00:00	01:00:00.0	42.2	77.7	56.9	32.1	48.5	45.6	42.6	40.3	36.3
LT-7	0	8/25/2024	06:00:00	01:00:00.0	46.1	81.6	65.5	37.3	51.6	48.8	46.5	44.6	40.7
LT-7	0	8/25/2024	07:00:00	01:00:00.0	48.4	84.0	69.6	37.3	55.3	48.5	45.4	43.8	40.9
LT-7	0	8/25/2024	08:00:00	01:00:00.0	44.8	80.4	67.1	34.1	49.5	45.4	43.4	41.6	38.5
LT-7	0	8/25/2024	09:00:00	01:00:00.0	45.6	81.1	65.9	34.5	53.4	48.2	44.3	40.9	37.4
LT-7	0	8/25/2024	10:00:00	01:00:00.0	53.3	88.9	76.1	34.9	63.0	52.8	44.3	40.6	37.4
LT-7	0	8/25/2024	11:00:00	01:00:00.0	52.9	88.4	79.6	34.6	59.8	50.4	44.1	40.8	37.4
LT-7	0	8/25/2024	12:00:00	01:00:00.0	57.7	93.3	87.1	34.8	62.7	55.4	46.0	41.3	37.7
LT-7	0	8/25/2024	13:00:00	01:00:00.0	57.7	93.3	82.8	35.3	64.0	56.4	45.1	41.1	38.0
LT-7	0	8/25/2024	14:00:00	01:00:00.0	53.2	88.8	74.9	34.4	63.6	54.0	43.8	41.0	38.3
LT-7	0	8/25/2024	15:00:00	01:00:00.0	45.3	80.9	64.5	36.4	51.6	48.2	44.8	42.4	39.3
LT-7	0	8/25/2024	16:00:00	01:00:00.0	49.1	84.6	66.1	35.6	60.6	50.1	44.0	41.7	38.7
LT-7	0	8/25/2024	17:00:00	01:00:00.0	46.7	82.3	67.1	36.3	56.5	47.6	42.3	40.6	38.5
LT-7	0	8/25/2024	18:00:00	01:00:00.0	44.7	80.2	63.7	36.4	53.2	46.8	42.7	40.8	38.4
LT-7	0	8/25/2024	19:00:00	01:00:00.0	44.8	80.4	61.3	34.8	51.5	47.5	44.3	42.3	39.3
LT-7	0	8/25/2024	20:00:00	01:00:00.0	52.6	88.1	68.6	39.2	58.1	53.9	52.9	52.4	44.1
LT-7	0	8/25/2024	21:00:00	01:00:00.0	53.6	89.2	75.6	38.7	60.0	52.7	52.0	46.6	41.8
LT-7	0	8/25/2024	22:00:00	01:00:00.0	45.6	81.2	62.5	37.3	51.7	48.6	46.0	43.7	40.1
LT-7	0	8/25/2024	23:00:00	01:00:00.0	40.2	75.8	49.3	35.1	45.4	43.1	40.7	39.2	37.1
LT-7	0	8/26/2024	00:00:00	01:00:00.0	39.2	74.8	48.6	33.9	44.7	41.7	39.7	38.3	36.0
LT-7	0	8/26/2024	01:00:00	01:00:00.0	37.2	72.8	54.2	33.1	41.1	39.0	37.4	36.2	34.7
LT-7	0	8/26/2024	02:00:00	01:00:00.0	39.7	75.3	64.5	31.6	42.3	39.1	36.1	34.7	32.8
LT-7	0	8/26/2024	03:00:00	01:00:00.0	38.5	74.1	49.3	31.7	44.2	41.8	39.1	37.4	33.8
LT-7	0	8/26/2024	04:00:00	01:00:00.0	41.7	77.2	55.0	35.4	46.2	44.1	42.3	41.0	38.6
LT-7	0	8/26/2024	05:00:00	01:00:00.0	44.3	79.9	57.3	37.6	49.5	46.8	44.6	43.3	41.0
LT-7	0	8/26/2024	06:00:00	01:00:00.0	47.0	82.6	66.2	40.7	51.5	48.8	47.2	45.8	43.6
LT-7	0	8/26/2024	07:00:00	01:00:00.0	48.8	84.3	66.4	40.2	56.7	51.2	47.6	45.9	43.3
LT-7	0	8/26/2024	08:00:00	01:00:00.0	50.5	86.0	77.8	36.1	54.4	49.0	46.5	43.0	39.5
LT-7	0	8/26/2024	09:00:00	01:00:00.0	45.9	81.5	68.3	33.2	55.5	47.8	42.0	39.5	37.0
LT-7	0	8/26/2024	10:00:00	01:00:00.0	56.2	91.8	77.7	34.5	65.7	53.6	45.2	41.6	37.9
LT-7	0	8/26/2024	11:00:00	01:00:00.0	56.4	92.0	75.7	34.7	67.6	58.2	47.3	42.9	37.6
LT-7	0	8/26/2024	12:00:00	01:00:00.0	51.7	87.3	73.1	35.1	61.8	53.9	48.0	44.1	37.8
LT-7	0	8/26/2024	13:00:00	01:00:00.0	51.4	86.9	71.4	37.2	55.8	52.6	51.7	51.2	42.6
LT-7	0	8/26/2024	14:00:00	01:00:00.0	56.2	91.8	81.9	36.6	61.6	53.3	51.4	48.1	39.1
LT-7	0	8/26/2024	15:00:00	01:00:00.0	51.4	86.9	66.1	35.3	60.8	52.8	51.4	50.7	38.6
LT-7	0	8/26/2024	16:00:00	01:00:00.0	55.9	91.4	82.8	35.1	60.9	53.0	51.1	50.5	38.6
LT-7	0	8/26/2024	17:00:00	01:00:00.0	48.8	84.4	60.9	36.0	53.5	52.0	51.3	43.9	38.2
LT-7	0	8/26/2024	18:00:00	01:00:00.0	51.0	86.5	72.1	35.3	54.4	51.6	51.1	44.3	38.7

LT-7	0	8/26/2024	19:00:00	01:00:00.0	50.3	85.9	68.9	35.8	54.4	52.3	51.3	45.8	39.9
LT-7	0	8/26/2024	20:00:00	01:00:00.0	49.4	84.9	68.8	40.1	54.1	52.7	48.1	45.6	42.8
LT-7	0	8/26/2024	21:00:00	01:00:00.0	47.5	83.1	61.3	40.4	52.8	52.3	47.1	45.0	42.5
LT-7	0	8/26/2024	22:00:00	01:00:00.0	47.9	83.4	73.0	39.0	52.6	47.9	45.5	44.3	41.6
LT-7	0	8/26/2024	23:00:00	01:00:00.0	41.7	77.3	52.7	36.6	45.9	44.1	42.5	41.1	38.5
LT-7	0	8/27/2024	00:00:00	01:00:00.0	39.5	75.1	54.4	34.8	46.3	42.4	39.3	37.7	36.1
LT-7	0	8/27/2024	01:00:00	01:00:00.0	39.0	74.6	53.2	34.2	45.2	41.5	39.0	37.5	35.5
LT-7	0	8/27/2024	02:00:00	01:00:00.0	39.4	74.9	52.4	33.8	44.8	42.4	39.8	38.0	35.8
LT-7	0	8/27/2024	03:00:00	01:00:00.0	40.2	75.8	52.0	34.9	45.7	43.1	40.6	38.9	36.5
LT-7	0	8/27/2024	04:00:00	01:00:00.0	43.6	79.2	57.2	36.4	48.6	46.6	44.4	42.6	39.4
LT-7	0	8/27/2024	05:00:00	01:00:00.0	45.5	81.1	57.5	38.5	50.2	48.3	46.2	44.7	41.9
LT-7	0	8/27/2024	06:00:00	01:00:00.0	49.6	85.2	68.5	42.1	53.3	51.1	49.6	48.2	45.8
LT-7	0	8/27/2024	07:00:00	01:00:00.0	53.3	88.9	80.0	41.5	57.0	51.7	49.5	47.9	45.3
LT-7	0	8/27/2024	08:00:00	01:00:00.0	49.6	85.1	74.7	36.6	56.1	49.7	45.5	43.1	40.0
LT-7	0	8/27/2024	09:00:00	01:00:00.0	49.8	85.4	73.4	38.0	56.7	50.4	46.7	44.3	40.7
LT-7	0	8/27/2024	10:00:00	01:00:00.0	56.9	92.4	76.4	34.2	68.8	56.2	46.9	44.0	39.5
LT-7	0	8/27/2024	11:00:00	01:00:00.0	49.0	84.5	67.8	35.8	59.8	49.3	44.0	41.8	39.3
LT-7	0	8/27/2024	12:00:00	01:00:00.0	49.4	84.9	69.3	36.4	56.9	52.0	47.8	43.5	39.2
LT-7	0	8/27/2024	13:00:00	01:00:00.0	55.9	91.5	83.6	36.1	60.5	52.1	50.9	44.0	38.9
LT-7	0	8/27/2024	14:00:00	01:00:00.0	49.2	84.8	68.5	35.8	53.6	52.0	51.1	44.2	38.3
LT-7	0	8/27/2024	15:00:00	01:00:00.0	53.7	89.3	77.4	35.5	59.4	51.8	51.2	43.9	37.6
LT-7	0	8/27/2024	16:00:00	01:00:00.0	55.5	91.0	79.9	36.1	56.7	51.5	51.1	50.6	38.2
LT-7	0	8/27/2024	17:00:00	01:00:00.0	49.7	85.3	71.1	36.9	52.1	51.5	51.1	45.7	41.3
LT-7	0	8/27/2024	18:00:00	01:00:00.0	49.3	84.9	69.4	36.8	52.5	51.4	50.9	43.3	38.9
LT-7	0	8/27/2024	19:00:00	01:00:00.0	49.9	85.5	69.9	35.9	55.8	52.4	51.1	45.7	39.9
LT-7	0	8/27/2024	20:00:00	01:00:00.0	50.9	86.5	72.5	38.1	54.9	53.3	52.4	48.4	43.7
LT-7	0	8/27/2024	21:00:00	01:00:00.0	48.5	84.0	57.5	40.9	53.1	52.5	49.1	46.3	43.4
LT-7	0	8/27/2024	22:00:00	01:00:00.0	46.9	82.4	57.8	38.2	52.8	52.3	46.2	43.6	40.7
LT-7	0	8/28/2024	23:00:00	01:00:00.0	45.8	81.4	53.2	38.5	52.0	51.7	44.6	42.6	40.3
LT-7	0	8/28/2024	00:00:00	01:00:00.0	46.2	81.8	61.0	37.3	52.3	52.0	44.3	41.8	39.6
LT-7	0	8/28/2024	01:00:00	01:00:00.0	45.3	80.8	56.6	37.2	52.6	52.3	42.6	39.9	38.4
LT-7	0	8/28/2024	02:00:00	01:00:00.0	42.9	78.5	55.2	35.5	52.1	47.1	41.8	39.0	36.9
LT-7	0	8/28/2024	03:00:00	01:00:00.0	41.5	77.0	49.5	36.2	46.3	44.2	42.1	40.7	38.2
LT-7	0	8/28/2024	04:00:00	01:00:00.0	43.8	79.3	55.3	36.8	49.2	46.5	44.4	42.7	39.8
LT-7	0	8/28/2024	05:00:00	01:00:00.0	45.6	81.2	62.2	37.7	49.3	47.8	46.1	44.6	42.3
LT-7	0	8/28/2024	06:00:00	01:00:00.0	47.9	83.5	61.2	39.9	54.2	50.2	48.1	46.9	44.0
LT-7	0	8/28/2024	07:00:00	01:00:00.0	48.1	83.7	59.2	42.0	52.5	50.6	49.0	47.5	44.8
LT-7	0	8/28/2024	08:00:00	01:00:00.0	48.6	84.2	69.3	37.3	52.7	48.8	45.9	44.0	40.9
LT-7	0	8/28/2024	09:00:00	01:00:00.0	46.9	82.4	69.1	35.7	54.5	46.8	42.9	41.4	38.8
LT-7	0	8/28/2024	10:00:00	01:00:00.0	53.5	89.1	70.6	35.2	65.1	56.5	48.3	43.7	39.8
LT-7	0	8/28/2024	11:00:00	01:00:00.0	51.8	87.3	75.3	37.3	60.7	50.7	44.8	42.6	39.4
LT-7	0	8/28/2024	12:00:00	01:00:00.0	55.1	90.6	73.7	36.1	64.7	58.0	52.2	50.9	40.4
LT-7	0	8/28/2024	13:00:00	01:00:00.0	53.9	89.5	72.0	35.4	64.1	56.2	51.8	44.3	38.2

Appendix I

Average Daily Traffic Data

Roadway	Segment	Existing ADT			
		Daytime (7AM-7PM)	Evening (7PM-10PM)	Overnight (10PM-7AM)	Daily Total
SR 49 (Grass Valley Hwy)	North of Bell Road	34,196	4,283	4,564	**43,043**
SR 49 (Grass Valley Hwy)	Bell Road to Willow Creek Dr	33,272	3,340	4,066	**40,678**
SR 49 (Grass Valley Hwy)	Willow Creek Dr to New Airport Rd	33,253	3,338	3,947	**40,537**
SR 49 (Grass Valley Hwy)	New Airport Rd to Luther Rd	40,122	3,999	4,611	**48,731**
SR 49 (Grass Valley Hwy)	Luther Rd to Edgewood Rd	36,343	3,632	4,400	**44,375**
SR 49 (Grass Valley Hwy)	Edgewood Rd to Nevada St	36,292	3,604	4,440	**44,336**
SR 49 (Grass Valley Hwy)	Nevada St to Palm Ave	29,343	3,545	4,206	**37,093**
SR 49 (Grass Valley Hwy)	Palm Ave to Elm Ave	27,548	3,465	4,238	**35,251**
SR 49 (Grass Valley Hwy)	Elm Ave to I-80	26,908	3,337	4,072	**34,317**
Grass Valley Hwy	I-80 to Lincoln Way	15,128	1,724	1,146	**17,998**
Locksley Ln/Earhart Ave	SR 49 to New Airport Rd	3,595	249	436	**4,280**
New Airport Road	Bell Rd to SR 49	2,953	204	213	**3,369**
Bell Road	West of SR 49	12,392	749	826	**13,966**
Bell Road	SR 49 to New Airport Rd	17,857	1,332	1,346	**20,535**
Bell Road	New Airport Rd to Bowman Rd	22,720	1,633	2,040	**26,392**
Bell Road	Bowman Rd to I-80	23,178	1,881	2,123	**27,181**
Luther Road	SR 49 to Dairy Rd	7,944	838	553	**9,335**
Luther Road	Dairy Rd to Bowman Rd	5,846	607	497	**6,949**
Bowman Road	North of Luther Road	4,837	473	342	**5,652**
Bowman Road	Luther Rd to Auburn Ravine Rd	6,976	848	686	**8,510**
Lincoln Way	North of Foresthill Road	8,053	875	694	**9,621**
Dairy Road	Luther Rd to Auburn Ravine Rd	2,773	331	193	**3,297**
Edgewood Road	West of SR 49	2,256	217	173	**2,645**
Marguerite Mine Road	SR 49 to Auburn Ravine Rd	2,415	208	156	**2,779**
Auburn Ravine Road	Dairy Rd to Bowman Rd	5,385	467	442	**6,293**
Auburn Ravine Road	Bowman Rd to Lincoln Way	11,650	1,271	1,396	**14,317**
Foresthill Road	East of Lincoln Way	6,835	616	981	**8,432**
Auburn Ravine Road	Dairy Rd to Palm Ave	4,721	449	270	**5,439**
Auburn Ravine Road	Palm Ave to Elm Ave	5,725	544	361	**6,631**
Nevada Street	SR 49 to Palm Ave	4,210	296	240	**4,746**
Nevada Street	Palm Ave to Fulweiler Ave	9,430	609	614	**10,653**
Nevada Street	Fulwieiler Ave to I-80	7,952	526	585	**9,063**
Mount Vernon Road	West of Nevada Street	2,694	248	199	**3,141**

Roadway	Segment	Existing ADT			
		Daytime (7AM-7PM)	Evening (7PM-10PM)	Overnight (10PM-7AM)	Daily Total
Palm Avenue	Nevada St to SR 49	2,916	242	97	**3,255**
Palm Avenue	SR 49 to Auburn Ravine Rd	4,142	357	153	**4,652**
Russell Road	West of Lincoln Way	2,526	151	207	**2,884**
Lincoln Way	North of Russell Rd	5,335	529	427	**6,291**
Lincoln Way	South of Russell Rd	4,737	498	372	**5,606**
Lincoln Way	North of SR 49	8,053	875	694	**9,621**
Fullweiler Avenue	Nevada St to SR 49	5,357	565	284	**6,206**
Elm Avenue	SR 49 to I-80	8,450	938	688	**10,076**
Elm Avenue (SR 49)	I-80 to High Street	15,006	1,705	1,693	**18,404**
High St/El Dorado St (SR 49)	Elm Ave to Borland Ave	10,742	1,313	1,379	**13,434**
High Street	Elm Ave to Lincoln Way	5,003	602	275	**5,880**
Lincoln Way	High St to Elm Ave	1,405	216	57	**1,678**
Maple Street	I-80 to Lincoln Way/Auburn Folsom Rd	5,826	557	407	**6,789**
Lincoln Way	Auburn Folsom Rd to Grass Valley Hwy	11,633	1,373	945	**13,950**
Lincoln Way	Grass Valley Hwy to High St	6,933	743	369	**8,046**
High Street	Lincoln Way to College Way	4,357	526	241	**5,124**
High Street	Auburn Folsom Rd to College Way	4,210	510	288	**5,008**
Auburn Folsom Road	Lincoln Way to High St	13,760	1,463	1,152	**16,375**
Auburn Folsom Road	High St to Sacramento St	15,554	1,786	1,338	**18,678**
Auburn Folsom Road	Sacramento St to Pacific Ave.	11,588	1,147	900	**13,634**
Auburn Folsom Road	Pacific Ave to Maidu Dr	10,996	1,152	901	**13,049**
Auburn Folsom Road	Maidu Dr to Indian Hill Rd	9,839	1,121	945	**11,906**
Auburn Folsom Road	South of Indian Hill Rd	6,611	758	690	**8,059**
Ophir Road	West of Wise Road	2,217	190	204	**2,611**
Ophir Road	Wise Road to I-80	2,983	325	260	**3,567**
Sacramento Street	Lincoln Way to Auburn Folsom Rd	1,774	222	131	**2,126**
Sacramento Street	Auburn Folsom Rd to Pacific Ave	2,570	298	242	**3,110**
Sacramento Street	Pacific Ave to Auburn Folsom Rd	2,467	311	179	**2,957**
Pacific Avenue	East of Sacramento Street	1,189	187	70	**1,446**
Maidu Drive	East of Auburn Folsom Road	4,939	458	387	**5,785**
Indian Hill Road	West of Auburn Folsom Road	5,190	602	494	**6,285**
I-80	East of Bell Road				**50,121**
I-80	East of Foresthill Road				**52,986**
I-80	West of Ophir Road				**73,227**

Roadway	Segment	2045 ADT Forecast			
		Daytime (7AM-7PM)	Evening (7PM-10PM)	Overnight (10PM-7AM)	Daily Total
SR 49 (Grass Valley Hwy)	North of Bell Road	41,230	5,160	5,500	**51,900**
SR 49 (Grass Valley Hwy)	Bell Road to Willow Creek Dr	41,550	4,170	5,080	**50,800**
SR 49 (Grass Valley Hwy)	Willow Creek Dr to New Airport Rd	41,510	4,170	4,930	**50,600**
SR 49 (Grass Valley Hwy)	New Airport Rd to Luther Rd	49,890	4,970	5,730	**60,600**
SR 49 (Grass Valley Hwy)	Luther Rd to Edgewood Rd	47,010	4,700	5,690	**57,400**
SR 49 (Grass Valley Hwy)	Edgewood Rd to Nevada St	46,990	4,670	5,750	**57,400**
SR 49 (Grass Valley Hwy)	Nevada St to Palm Ave	32,430	3,920	4,650	**41,000**
SR 49 (Grass Valley Hwy)	Palm Ave to Elm Ave	31,730	3,990	4,880	**40,600**
SR 49 (Grass Valley Hwy)	Elm Ave to I-80	29,400	3,650	4,450	**37,500**
Grass Valley Hwy	I-80 to Lincoln Way	17,400	1,980	1,320	**20,700**
Locksley Ln/Earhart Ave	SR 49 to New Airport Rd	4,060	280	490	**4,830**
New Airport Road	Bell Rd to SR 49	4,010	280	290	**4,580**
Bell Road	West of SR 49	13,660	830	910	**15,400**
Bell Road	SR 49 to New Airport Rd	20,870	1,560	1,570	**24,000**
Bell Road	New Airport Rd to Bowman Rd	25,830	1,860	2,320	**30,000**
Bell Road	Bowman Rd to I-80	26,520	2,150	2,430	**31,100**
Luther Road	SR 49 to Dairy Rd	8,170	860	570	**9,600**
Luther Road	Dairy Rd to Bowman Rd	6,810	710	580	**8,100**
Bowman Road	North of Luther Road	5,050	490	360	**5,900**
Bowman Road	Luther Rd to Auburn Ravine Rd	8,280	1,010	810	**10,100**
Lincoln Way	North of Foresthill Road	8,120	880	700	**9,700**
Dairy Road	Luther Rd to Auburn Ravine Rd	2,780	330	190	**3,300**
Edgewood Road	West of SR 49	2,320	220	180	**2,720**
Marguerite Mine Road	SR 49 to Auburn Ravine Rd	6,430	550	410	**7,400**
Auburn Ravine Road	Dairy Rd to Bowman Rd	6,250	540	510	**7,300**
Auburn Ravine Road	Bowman Rd to Lincoln Way	12,290	1,340	1,470	**15,100**
Foresthill Road	East of Lincoln Way	6,970	630	1,000	**8,600**
Auburn Ravine Road	Dairy Rd to Palm Ave	8,590	820	490	**9,900**
Auburn Ravine Road	Palm Ave to Elm Ave	9,500	900	600	**11,000**
Nevada Street	SR 49 to Palm Ave	8,340	590	470	**9,400**
Nevada Street	Palm Ave to Fulweiler Ave	12,750	820	830	**14,400**
Nevada Street	Fulwieiler Ave to I-80	10,970	720	810	**12,500**
Mount Vernon Road	West of Nevada Street	3,370	310	250	**3,930**

Roadway	Segment	2045 ADT Forecast			
		Daytime (7AM-7PM)	Evening (7PM-10PM)	Overnight (10PM-7AM)	Daily Total
Palm Avenue	Nevada St to SR 49	5,020	420	170	**5,600**
Palm Avenue	SR 49 to Auburn Ravine Rd	4,720	410	170	**5,300**
Russell Road	West of Lincoln Way	3,610	220	300	**4,120**
Lincoln Way	North of Russell Rd	6,280	620	500	**7,400**
Lincoln Way	South of Russell Rd	6,590	690	520	**7,800**
Lincoln Way	North of SR 49	9,540	1,040	820	**11,400**
Fullweiler Avenue	Nevada St to SR 49	6,470	680	340	**7,500**
Elm Avenue	SR 49 to I-80	8,970	1,000	730	**10,700**
Elm Avenue (SR 49)	I-80 to High Street	20,060	2,280	2,260	**24,600**
High St/El Dorado St (SR 49)	Elm Ave to Borland Ave	14,150	1,730	1,820	**17,700**
High Street	Elm Ave to Lincoln Way	5,450	660	300	**6,400**
Lincoln Way	High St to Elm Ave	1,550	240	60	**1,850**
Maple Street	I-80 to Lincoln Way/Auburn Folsom Rd	5,830	560	410	**6,800**
Lincoln Way	Auburn Folsom Rd to Grass Valley Hwy	13,510	1,590	1,100	**16,200**
Lincoln Way	Grass Valley Hwy to High St	7,070	760	380	**8,200**
High Street	Lincoln Way to College Way	4,760	570	260	**5,600**
High Street	Auburn Folsom Rd to College Way	4,790	580	330	**5,700**
Auburn Folsom Road	Lincoln Way to High St	15,380	1,630	1,290	**18,300**
Auburn Folsom Road	High St to Sacramento St	17,570	2,020	1,510	**21,100**
Auburn Folsom Road	Sacramento St to Pacific Ave.	14,190	1,400	1,100	**16,700**
Auburn Folsom Road	Pacific Ave to Maidu Dr	13,900	1,460	1,140	**16,500**
Auburn Folsom Road	Maidu Dr to Indian Hill Rd	12,730	1,450	1,220	**15,400**
Auburn Folsom Road	South of Indian Hill Rd	8,610	990	900	**10,500**
Ophir Road	West of Wise Road	3,750	320	340	**4,420**
Ophir Road	Wise Road to I-80	6,190	670	540	**7,400**
Sacramento Street	Lincoln Way to Auburn Folsom Rd	1,780	220	130	**2,130**
Sacramento Street	Auburn Folsom Rd to Pacific Ave	2,570	300	240	**3,110**
Sacramento Street	Pacific Ave to Auburn Folsom Rd	2,470	310	180	**2,960**
Pacific Avenue	East of Sacramento Street	1,190	190	70	**1,450**
Maidu Drive	East of Auburn Folsom Road	4,950	460	390	**5,800**
Indian Hill Road	West of Auburn Folsom Road	6,030	700	570	**7,300**
I-80	East of Bell Road				**62,800**
I-80	East of Foresthill Road				**69,900**
I-80	West of Ophir Road				**99,100**

Appendix J

RCNM Modeling Output

Report date: 4/2/2026
Case Description: Auburn General Plan Update Project

Phase	Land Use	Daytime	Evening	Night
Demolition or Grading	Residential	60	55	50

Equipment	Impact Device?	Usage (%)	Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Dozer	No	40	85		50	0
Excavator	No	40	85		50	0
Jackhammer	Yes	20	85		50	0

Results

	Calculated (dBA)	
Equipment	*Lmax	Leq
Dozer	85	81
Excavator	85	81
Jackhammer	85	78
Total	**85**	**85**

*Calculated Lmax is the Loudest value.

Report date: 4/2/2026
Case Description: Auburn General Plan Update Project

Phase	Land Use	Daytime	Evening	Night
Demolition or Grading	Residential	60	55	50

Equipment	Impact Device?	Usage (%)	Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Dozer	No	40	85		100	0
Excavator	No	40	85		100	0
Jackhammer	Yes	20	85		100	0

Results

	Calculated (dBA)	
Equipment	*Lmax	Leq
Dozer	79	75
Excavator	79	75
Jackhammer	79	72
Total	**79**	**79**

*Calculated Lmax is the Loudest value.

Traffic Noise Calculator: FHWA 77-108 **Project Title: Auburn GP EIR - Existing**

	Output						Inputs													
	dBA at 50 feet			Distance to CNEL Contour																
ID	$L_{eq\text{-}24hr}$	L_{dn}	CNEL	70 dBA	65 dBA	60 dBA	Roadway	Segment	ADT	Posted Speed Limit	Grade	% Autos	% Med Trucks	% Heavy Trucks	% Daytime	% Evening	% Night	Number of Lanes	Site Condition	Distance to Reciever
1	75.6	78.5	79.0	198	426	917	SR 49 (Grass Valley Hwy)	N/O Bell Rd	43,043	45	0.0%	73.7%	18.6%	7.7%	79.4%	10.0%	10.6%	5	Soft	50
2	75.3	78.1	78.5	185	398	858	SR 49 (Grass Valley Hwy)	Bell Rd to Willow Creek Dr	40,678	45	0.0%	73.7%	18.6%	7.7%	81.8%	8.2%	10.0%	5	Soft	50
3	75.3	78.1	78.5	183	394	850	SR 49 (Grass Valley Hwy)	Willow Creek Dr to New Airport Rd	40,537	45	0.0%	73.7%	18.6%	7.7%	82.0%	8.2%	9.7%	5	Soft	50
4	76.1	78.8	79.2	205	442	953	SR 49 (Grass Valley Hwy)	New Airport Rd to Luther Rd	48,731	45	0.0%	73.7%	18.6%	7.7%	82.3%	8.2%	9.5%	5	Soft	50
5	75.7	78.5	78.9	195	421	907	SR 49 (Grass Valley Hwy)	Luther Rd to Edgewood Rd	44,375	45	0.0%	73.7%	18.6%	7.7%	81.9%	8.2%	9.9%	5	Soft	50
6	75.7	78.5	78.9	196	422	909	SR 49 (Grass Valley Hwy)	Edgewood Rd to Nevada St	44,336	45	0.0%	73.7%	18.6%	7.7%	81.9%	8.1%	10.0%	5	Soft	50
7	74.9	78.0	78.4	182	392	845	SR 49 (Grass Valley Hwy)	Nevada St to Palm Ave	37,093	45	0.0%	73.7%	18.6%	7.7%	79.1%	9.6%	11.3%	5	Soft	50
8	74.7	77.9	78.3	180	387	833	SR 49 (Grass Valley Hwy)	Palm Ave to Elm Ave	35,251	45	0.0%	73.7%	18.6%	7.7%	78.1%	9.8%	12.0%	5	Soft	50
9	74.6	77.8	78.2	176	378	815	SR 49 (Grass Valley Hwy)	Elm Ave to I-80	34,317	45	0.0%	73.7%	18.6%	7.7%	78.4%	9.7%	11.9%	5	Soft	50
10	71.8	73.8	74.3	97	209	449	Grass Valley Hwy	I-80 to Lincoln Way	17,998	45	0.0%	73.7%	18.6%	7.7%	84.1%	9.6%	6.4%	5	Soft	50
11	63.7	66.5	66.8	31	66	142	Locksley Ln/Earhart Ave	SR 49 to New Airport Rd	4,280	35	0.0%	73.7%	18.6%	7.7%	84.0%	5.8%	10.2%	2	Soft	50
13	60.5	62.4	62.8	16	36	77	New Airport Road	Bell Rd to SR 49	3,369	35	0.0%	86.9%	9.3%	3.9%	87.7%	6.0%	6.3%	2	Soft	50
14	69.9	71.8	72.1	69	148	319	Bell Road	W/O SR 49	13,966	40	0.0%	73.7%	18.6%	7.7%	88.7%	5.4%	5.9%	5	Soft	50
15	73.7	75.7	76.1	127	273	589	Bell Road	SR 49 to New Airport Rd	20,535	55	0.0%	73.7%	18.6%	7.7%	87.0%	6.5%	6.6%	4	Soft	50
16	74.8	77.1	77.4	156	335	723	Bell Road	New Airport Rd to Bowman Rd	26,392	55	0.0%	73.7%	18.6%	7.7%	86.1%	6.2%	7.7%	4	Soft	50
17	74.8	77.1	77.5	158	341	735	Bell Road	Bowman Rd to I-80	27,181	55	0.0%	73.7%	18.6%	7.7%	85.3%	6.9%	7.8%	3	Soft	50
18	64.2	66.1	66.6	30	64	138	Luther Road	SR 49 to Dairy Rd	8,026	35	0.0%	86.9%	9.3%	3.9%	85.1%	9.0%	5.9%	2	Soft	50
19	63.6	65.8	66.2	28	61	130	Luther Road	Dairy Rd to Bowman Rd	6,949	35	0.0%	86.9%	9.3%	3.9%	84.1%	8.7%	7.1%	2	Soft	50
20	63.7	65.6	66.1	27	59	127	Bowman Road	N/O Luther Rd	5,652	40	0.0%	86.9%	9.3%	3.9%	85.6%	8.4%	6.1%	2	Soft	50
21	62.2	64.6	65.1	23	51	109	Bowman Road	Luther Rd to Auburn Ravine Rd	8,510	25	0.0%	86.9%	9.3%	3.9%	82.0%	10.0%	8.1%	2	Soft	50
22	65.0	67.2	67.7	35	76	163	Lincoln Way	N/O Foresthill Rd	9,621	35	0.0%	86.9%	9.3%	3.9%	83.7%	9.1%	7.2%	2	Soft	50
23	58.1	59.9	60.5	12	25	54	Dairy Road	Luther Rd to Auburn Ravine Rd	3,297	25	0.0%	86.9%	9.3%	3.9%	84.1%	10.1%	5.8%	2	Soft	50
24	57.1	59.1	59.6	10	22	47	Edgewood Road	W/O SR 49	2,645	25	0.0%	86.9%	9.3%	3.9%	85.3%	8.2%	6.5%	2	Soft	50
25	59.6	61.4	61.9	14	31	66	Marguerite Mine Road	SR 49 to Auburn Ravine Rd	2,779	35	0.0%	86.9%	9.3%	3.9%	86.9%	7.5%	5.6%	2	Soft	50
26	60.9	63.0	63.4	18	39	84	Auburn Ravine Road	Dairy Rd to Bowman Rd	6,293	25	0.0%	86.9%	9.3%	3.9%	85.6%	7.4%	7.0%	2	Soft	50
27	66.8	69.5	70.0	50	107	231	Auburn Ravine Road	Bowman Rd to Lincoln Way	14,317	35	0.0%	86.9%	9.3%	3.9%	81.4%	8.9%	9.8%	3	Soft	50
28	69.7	72.8	73.1	81	174	375	Foresthill Road	E/O Lincoln Way	8,432	55	0.0%	73.7%	18.6%	7.7%	81.1%	7.3%	11.6%	2	Soft	50
29	61.5	63.1	63.6	19	40	86	Auburn Ravine Road	Dairy Rd to Palm Ave	5,439	30	0.0%	86.9%	9.3%	3.9%	86.8%	8.2%	5.0%	2	Soft	50
30	62.4	64.1	64.6	22	47	101	Auburn Ravine Road	Palm Ave to Elm Ave	6,631	30	0.0%	86.9%	9.3%	3.9%	86.3%	8.2%	5.4%	3	Soft	50
31	62.0	63.6	64.0	20	43	93	Nevada Street	SR 49 to Palm Ave	4,746	35	0.0%	86.9%	9.3%	3.9%	88.7%	6.2%	5.0%	3	Soft	50
32	64.4	66.2	66.6	30	64	137	Nevada Street	Palm Ave to Fulweiler Ave	10,653	30	0.0%	86.9%	9.3%	3.9%	88.5%	5.7%	5.8%	3	Soft	50
33	63.7	65.7	66.0	27	58	126	Nevada Street	Fulweiler Ave to I-80	9,063	30	0.0%	86.9%	9.3%	3.9%	87.7%	5.8%	6.5%	2	Soft	50
34	62.1	64.1	64.5	22	46	100	Mount Vernon Road	W/O Nevada St	3,141	45	0.0%	86.9%	9.3%	3.9%	85.8%	7.9%	6.3%	2	Soft	50
35	59.2	60.3	60.8	12	26	56	Palm Avenue	Nevada St to SR 49	3,255	30	0.0%	86.9%	9.3%	3.9%	89.6%	7.4%	3.0%	2	Soft	50
36	60.8	61.9	62.4	16	34	73	Palm Avenue	SR 49 to Auburn Ravine Rd	4,652	30	0.0%	86.9%	9.3%	3.9%	89.0%	7.7%	3.3%	2	Soft	50
37	57.5	59.7	59.9	11	23	50	Russell Road	W/O Lincoln Way	2,884	25	0.0%	86.9%	9.3%	3.9%	87.6%	5.2%	7.2%	2	Soft	50
38	60.9	63.0	63.5	18	39	85	Lincoln Way	N/O Russell Rd	6,291	25	0.0%	86.9%	9.3%	3.9%	84.8%	8.4%	6.8%	3	Soft	50
39	60.4	62.4	62.9	17	36	78	Lincoln Way	S/O Russell Rd	5,606	25	0.0%	86.9%	9.3%	3.9%	84.5%	8.9%	6.6%	2	Soft	50
40	62.7	64.9	65.4	25	53	114	Lincoln Way	N/O SR 49	9,621	25	0.0%	86.9%	9.3%	3.9%	83.7%	9.1%	7.2%	2	Soft	50
41	60.8	62.3	62.9	17	36	78	Fulweiler Avenue	Nevada St to SR 49	6,206	25	0.0%	86.9%	9.3%	3.9%	86.3%	9.1%	4.6%	2	Soft	50
42	67.6	69.7	70.2	52	112	240	Elm Avenue	SR 49 to I-80	10,076	35	0.0%	73.7%	18.6%	7.7%	83.9%	9.3%	6.8%	5	Soft	50
43	68.0	70.6	71.1	59	127	274	Elm Avenue (SR 49)	I-80 to High St	18,404	25	0.0%	73.7%	18.6%	7.7%	81.5%	9.3%	9.2%	2	Soft	50
44	66.6	69.5	69.9	50	107	230	High St/El Dorado St (SR 49)	Elm Ave to Borland Ave	13,434	25	0.0%	73.7%	18.6%	7.7%	80.0%	9.8%	10.3%	2	Soft	50
45	60.6	62.1	62.7	16	35	76	High Street	Elm Ave to Lincoln Way	5,880	25	0.0%	86.9%	9.3%	3.9%	85.1%	10.2%	4.7%	2	Soft	50
46	55.3	56.4	57.3	7	15	33	Lincoln Way	High St to Elm Ave	1,724	25	0.0%	86.9%	9.3%	3.9%	83.7%	12.9%	3.4%	2	Soft	50
47	61.2	63.1	63.6	19	40	86	Maple Street	I-80 to Lincoln Way/Auburn Folsom Rd	6,789	25	0.0%	86.9%	9.3%	3.9%	85.8%	8.2%	6.0%	2	Soft	50
48	64.3	66.4	66.9	31	67	145	Lincoln Way	Auburn Folsom Rd to Grass Valley Hwy	13,950	25	0.0%	86.9%	9.3%	3.9%	83.4%	9.8%	6.8%	2	Soft	50
49	61.9	63.4	64.0	20	43	93	Lincoln Way	Grass Valley Hwy to High St	8,046	25	0.0%	86.9%	9.3%	3.9%	86.2%	9.2%	4.6%	2	Soft	50
50	60.0	61.5	62.1	15	32	70	High Street	Lincoln Way to College Way	5,124	25	0.0%	86.9%	9.3%	3.9%	85.0%	10.3%	4.7%	2	Soft	50
51	59.9	61.7	62.3	15	33	71	High Street	Auburn Folsom Rd to College Way	5,008	25	0.0%	86.9%	9.3%	3.9%	84.1%	10.2%	5.8%	2	Soft	50
52	67.6	69.7	70.2	51	111	239	Auburn Folsom Road	Lincoln Way to High St	16,375	35	0.0%	86.9%	9.3%	3.9%	84.0%	8.9%	7.0%	5	Soft	50
53	68.1	70.3	70.8	57	122	263	Auburn Folsom Road	High St to Sacramento St	18,678	35	0.0%	86.9%	9.3%	3.9%	83.3%	9.6%	7.2%	5	Soft	50
54	66.8	68.8	69.3	45	96	207	Auburn Folsom Road	Sacramento St to Pacific Ave.	13,634	35	0.0%	86.9%	9.3%	3.9%	85.0%	8.4%	6.6%	5	Soft	50
55	66.6	68.7	69.2	44	95	204	Auburn Folsom Road	Pacific Ave to Maidu Dr	13,049	35	0.0%	86.9%	9.3%	3.9%	84.3%	8.8%	6.9%	5	Soft	50
56	66.0	68.3	68.8	41	89	193	Auburn Folsom Road	Maidu Dr to Indian Hill Rd	11,906	35	0.0%	86.9%	9.3%	3.9%	82.6%	9.4%	7.9%	2	Soft	50
57	65.3	67.7	68.2	38	82	176	Auburn Folsom Road	S/O Indian Hill Rd	8,059	40	0.0%	86.9%	9.3%	3.9%	82.0%	9.4%	8.6%	2	Soft	50
58	62.2	64.5	64.9	23	49	105	Ophir Road	W/O Wise Rd	2,611	50	0.0%	86.9%	9.3%	3.9%	84.9%	7.3%	7.8%	2	Soft	50
59	63.5	65.7	66.2	28	60	129	Ophir Road	Wise Rd to I-80	3,567	50	0.0%	86.9%	9.3%	3.9%	83.6%	9.1%	7.3%	2	Soft	50
60	56.2	58.1	58.7	9	19	41	Sacramento Street	Lincoln Way to Auburn Folsom Rd	2,126	25	0.0%	86.9%	9.3%	3.9%	83.4%	10.4%	6.1%	2	Soft	50
61	57.8	60.1	60.6	12	26	55	Sacramento Street	Auburn Folsom Rd to Pacific Ave	3,110	25	0.0%	86.9%	9.3%	3.9%	82.6%	9.6%	7.8%	2	Soft	50
62	57.6	59.5	60.1	11	24	51	Sacramento Street	Pacific Ave to Auburn Folsom Rd	2,957	25	0.0%	86.9%	9.3%	3.9%	83.4%	10.5%	6.1%	2	Soft	50
63	54.5	56.1	56.8	7	14	31	Pacific Avenue	E/O Sacramento St	1,446	25	0.0%	86.9%	9.3%	3.9%	82.2%	13.0%	4.8%	2	Soft	50
64	63.8	65.9	66.3	28	61	132	Maidu Drive	E/O Auburn Folsom Rd	5,785	40	0.0%	86.9%	9.3%	3.9%	85.4%	7.9%	6.7%	2	Soft	50
65	65.2	67.5	68.0	37	79	170	Indian Hill Road	W/O Auburn Folsom Rd	6,285	45	0.0%	86.9%	9.3%	3.9%	82.6%	9.6%	7.9%	3	Soft	50
66	74.5	78.2	78.6	187	404	870	I-80 Eastbound	East of Bell Rd	24,827	65	0.0%	89.2%	3.9%	6.9%	75.0%	10.0%	15.0%	3	Soft	50
67	74.6	78.3	78.7	190	409	881	I-80 Westbound	East of Bell Rd	25,293	65	0.0%	89.2%	3.9%	6.9%	75.0%	10.0%	15.0%	3	Soft	50
68	74.8	78.5	78.9	197	424	914	I-80 Eastbound	At Auburn Ravine Rd/Foresthill Rd	26,726	65	0.0%	89.2%	3.9%	6.9%	75.0%	10.0%	15.0%	3	Soft	50
69	74.8	78.5	78.9	195	419	903	I-80 Westbound	At Auburn Ravine Rd/Foresthill Rd	26,260	65	0.0%	89.2%	3.9%	6.9%	75.0%	10.0%	15.0%	3	Soft	50
70	75.9	79.6	80.0	232	499	1075	I-80 Eastbound	West of Ophir Rd	34,070	65	0.0%	89.2%	3.9%	6.9%	75.0%	10.0%	15.0%	3	Soft	50
71	76.5	80.2	80.6	254	547	1179	I-80 Westbound	West of Ophir Rd	39,157	65	0.0%	89.2%	3.9%	6.9%	75.0%	10.0%	15.0%	3	Soft	50

Traffic Noise Calculator: FHWA 77-108 **Project Title: Auburn GP EIR - Future (Year 2040)**

	Output						Inputs													
	dBA at 50 feet			Distance to CNEL Contour																
ID	$L_{eq\text{-}24hr}$	L_{dn}	CNEL	70 dBA	65 dBA	60 dBA	Roadway	Segment	ADT	Posted Speed Limit	Grade	% Autos	% Med Trucks	% Heavy Trucks	% Daytime	% Evening	% Night	Number of Lanes	Site Condition	Distance to Reciever
1	76.4	79.3	79.8	224	482	1039	SR 49 (Grass Valley Hwy)	N/O Bell Rd	51,900	45	0.0%	73.7%	18.6%	7.7%	79.4%	9.9%	10.6%	5	Soft	50
2	76.3	79.1	79.5	214	462	995	SR 49 (Grass Valley Hwy)	Bell Rd to Willow Creek Dr	50,800	45	0.0%	73.7%	18.6%	7.7%	81.8%	8.2%	10.0%	5	Soft	50
3	76.3	79.0	79.4	212	457	985	SR 49 (Grass Valley Hwy)	Willow Creek Dr to New Airport Rd	50,600	45	0.0%	73.7%	18.6%	7.7%	82.0%	8.2%	9.7%	5	Soft	50
4	77.1	79.7	80.1	237	511	1101	SR 49 (Grass Valley Hwy)	New Airport Rd to Luther Rd	60,600	45	0.0%	73.7%	18.6%	7.7%	82.3%	8.2%	9.5%	5	Soft	50
5	76.8	79.6	80.0	232	500	1077	SR 49 (Grass Valley Hwy)	Luther Rd to Edgewood Rd	57,400	45	0.0%	73.7%	18.6%	7.7%	81.9%	8.2%	9.9%	5	Soft	50
6	76.8	79.6	80.0	233	501	1080	SR 49 (Grass Valley Hwy)	Edgewood Rd to Nevada St	57,400	45	0.0%	73.7%	18.6%	7.7%	81.9%	8.1%	10.0%	5	Soft	50
7	75.4	78.4	78.9	195	419	904	SR 49 (Grass Valley Hwy)	Nevada St to Palm Ave	41,000	45	0.0%	73.7%	18.6%	7.7%	79.1%	9.6%	11.3%	5	Soft	50
8	75.3	78.5	78.9	197	425	916	SR 49 (Grass Valley Hwy)	Palm Ave to Elm Ave	40,600	45	0.0%	73.7%	18.6%	7.7%	78.2%	9.8%	12.0%	5	Soft	50
9	75.0	78.1	78.6	186	401	864	SR 49 (Grass Valley Hwy)	Elm Ave to I-80	37,500	45	0.0%	73.7%	18.6%	7.7%	78.4%	9.7%	11.9%	5	Soft	50
10	72.4	74.4	74.9	106	229	493	Grass Valley Hwy	I-80 to Lincoln Way	20,700	45	0.0%	73.7%	18.6%	7.7%	84.1%	9.6%	6.4%	5	Soft	50
11	64.2	67.0	67.3	33	71	153	Locksley Ln/Earhart Ave	SR 49 to New Airport Rd	4,830	35	0.0%	73.7%	18.6%	7.7%	84.1%	5.8%	10.1%	2	Soft	50
13	61.8	63.8	64.1	20	44	94	New Airport Road	Bell Rd to SR 49	4,580	35	0.0%	86.9%	9.3%	3.9%	87.6%	6.1%	6.3%	2	Soft	50
14	70.3	72.2	72.5	73	158	341	Bell Road	W/O SR 49	15,400	40	0.0%	73.7%	18.6%	7.7%	88.7%	5.4%	5.9%	5	Soft	50
15	74.4	76.4	76.7	141	303	653	Bell Road	SR 49 to New Airport Rd	24,000	55	0.0%	73.7%	18.6%	7.7%	87.0%	6.5%	6.5%	4	Soft	50
16	75.3	77.6	78.0	170	366	788	Bell Road	New Airport Rd to Bowman Rd	30,000	55	0.0%	73.7%	18.6%	7.7%	86.1%	6.2%	7.7%	4	Soft	50
17	75.4	77.7	78.1	173	373	804	Bell Road	Bowman Rd to I-80	31,100	55	0.0%	73.7%	18.6%	7.7%	85.3%	6.9%	7.8%	3	Soft	50
18	65.0	66.9	67.4	34	72	156	Luther Road	SR 49 to Dairy Rd	9,600	35	0.0%	86.9%	9.3%	3.9%	85.1%	9.0%	5.9%	2	Soft	50
19	64.3	66.4	66.9	31	67	145	Luther Road	Dairy Rd to Bowman Rd	8,100	35	0.0%	86.9%	9.3%	3.9%	84.1%	8.8%	7.2%	2	Soft	50
20	63.9	65.8	66.3	28	61	131	Bowman Road	N/O Luther Rd	5,900	40	0.0%	86.9%	9.3%	3.9%	85.6%	8.3%	6.1%	2	Soft	50
21	62.9	65.3	65.8	26	57	122	Bowman Road	Luther Rd to Auburn Ravine Rd	10,100	25	0.0%	86.9%	9.3%	3.9%	82.0%	10.0%	8.0%	2	Soft	50
22	65.1	67.2	67.7	35	76	164	Lincoln Way	N/O Foresthill Rd	9,700	35	0.0%	86.9%	9.3%	3.9%	83.7%	9.1%	7.2%	2	Soft	50
23	58.1	59.9	60.5	12	25	54	Dairy Road	Luther Rd to Auburn Ravine Rd	3,300	25	0.0%	86.9%	9.3%	3.9%	84.2%	10.0%	5.8%	2	Soft	50
24	57.2	59.3	59.7	10	22	48	Edgewood Road	W/O SR 49	2,720	25	0.0%	86.9%	9.3%	3.9%	85.3%	8.1%	6.6%	2	Soft	50
25	63.9	65.6	66.1	27	59	127	Marguerite Mine Road	SR 49 to Auburn Ravine Rd	7,400	35	0.0%	86.9%	9.3%	3.9%	86.9%	7.4%	5.5%	2	Soft	50
26	61.5	63.6	64.0	20	43	93	Auburn Ravine Road	Dairy Rd to Bowman Rd	7,300	25	0.0%	86.9%	9.3%	3.9%	85.6%	7.4%	7.0%	2	Soft	50
27	67.0	69.8	70.2	52	111	239	Auburn Ravine Road	Bowman Rd to Lincoln Way	15,100	35	0.0%	86.9%	9.3%	3.9%	81.4%	8.9%	9.7%	3	Soft	50
28	69.8	72.9	73.2	82	176	380	Foresthill Road	E/O Lincoln Way	8,600	55	0.0%	73.7%	18.6%	7.7%	81.0%	7.3%	11.6%	2	Soft	50
29	64.1	65.7	66.2	28	60	129	Auburn Ravine Road	Dairy Rd to Palm Ave	9,900	30	0.0%	86.9%	9.3%	3.9%	86.8%	8.3%	4.9%	2	Soft	50
30	64.6	66.3	66.8	31	66	142	Auburn Ravine Road	Palm Ave to Elm Ave	11,000	30	0.0%	86.9%	9.3%	3.9%	86.4%	8.2%	5.5%	3	Soft	50
31	65.0	66.6	67.0	31	68	146	Nevada Street	SR 49 to Palm Ave	9,400	35	0.0%	86.9%	9.3%	3.9%	88.7%	6.3%	5.0%	3	Soft	50
32	65.7	67.6	67.9	36	78	168	Nevada Street	Palm Ave to Fulweiler Ave	14,400	30	0.0%	86.9%	9.3%	3.9%	88.5%	5.7%	5.8%	3	Soft	50
33	65.1	67.1	67.4	34	72	156	Nevada Street	Fulweiler Ave to I-80	12,500	30	0.0%	86.9%	9.3%	3.9%	87.8%	5.8%	6.5%	2	Soft	50
34	63.1	65.0	65.5	25	54	116	Mount Vernon Road	W/O Nevada St	3,930	45	0.0%	86.9%	9.3%	3.9%	85.8%	7.9%	6.4%	2	Soft	50
35	61.6	62.6	63.2	17	38	81	Palm Avenue	Nevada St to SR 49	5,600	30	0.0%	86.9%	9.3%	3.9%	89.6%	7.5%	3.0%	2	Soft	50
36	61.3	62.4	63.0	17	37	79	Palm Avenue	SR 49 to Auburn Ravine Rd	5,300	30	0.0%	86.9%	9.3%	3.9%	89.1%	7.7%	3.2%	2	Soft	50
37	59.0	61.2	61.5	14	29	63	Russell Road	W/O Lincoln Way	4,120	25	0.0%	86.9%	9.3%	3.9%	87.6%	5.3%	7.3%	2	Soft	50
38	61.6	63.7	64.2	20	44	95	Lincoln Way	N/O Russell Rd	7,400	25	0.0%	86.9%	9.3%	3.9%	84.9%	8.4%	6.8%	3	Soft	50
39	61.8	63.8	64.3	21	45	97	Lincoln Way	S/O Russell Rd	7,800	25	0.0%	86.9%	9.3%	3.9%	84.5%	8.8%	6.7%	2	Soft	50
40	63.5	65.6	66.1	28	59	128	Lincoln Way	N/O SR 49	11,400	25	0.0%	86.9%	9.3%	3.9%	83.7%	9.1%	7.2%	2	Soft	50
41	61.6	63.1	63.7	19	41	88	Fulweiler Avenue	Nevada St to SR 49	7,500	25	0.0%	86.9%	9.3%	3.9%	86.3%	9.1%	4.5%	2	Soft	50
42	67.9	70.0	70.5	54	116	250	Elm Avenue	SR 49 to I-80	10,700	35	0.0%	73.7%	18.6%	7.7%	83.8%	9.3%	6.8%	5	Soft	50
43	69.3	71.9	72.3	72	154	332	Elm Avenue (SR 49)	I-80 to High St	24,600	25	0.0%	73.7%	18.6%	7.7%	81.5%	9.3%	9.2%	2	Soft	50
44	67.8	70.7	71.1	60	128	276	High St/El Dorado St (SR 49)	Elm Ave to Borland Ave	17,700	25	0.0%	73.7%	18.6%	7.7%	79.9%	9.8%	10.3%	2	Soft	50
45	61.0	62.5	63.1	17	37	81	High Street	Elm Ave to Lincoln Way	6,400	25	0.0%	86.9%	9.3%	3.9%	85.2%	10.3%	4.7%	2	Soft	50
46	55.6	56.7	57.5	7	16	34	Lincoln Way	High St to Elm Ave	1,850	25	0.0%	86.9%	9.3%	3.9%	83.8%	13.0%	3.2%	2	Soft	50
47	61.2	63.1	63.6	19	40	86	Maple Street	I-80 to Lincoln Way/Auburn Folsom Rd	6,800	25	0.0%	86.9%	9.3%	3.9%	85.7%	8.2%	6.0%	2	Soft	50
48	65.0	67.1	67.6	35	74	160	Lincoln Way	Auburn Folsom Rd to Grass Valley Hwy	16,200	25	0.0%	86.9%	9.3%	3.9%	83.4%	9.8%	6.8%	2	Soft	50
49	62.0	63.5	64.1	20	44	94	Lincoln Way	Grass Valley Hwy to High St	8,200	25	0.0%	86.9%	9.3%	3.9%	86.2%	9.3%	4.6%	2	Soft	50
50	60.4	61.9	62.5	16	34	73	High Street	Lincoln Way to College Way	5,600	25	0.0%	86.9%	9.3%	3.9%	85.0%	10.2%	4.6%	2	Soft	50
51	60.4	62.3	62.9	17	36	77	High Street	Auburn Folsom Rd to College Way	5,700	25	0.0%	86.9%	9.3%	3.9%	84.0%	10.2%	5.8%	2	Soft	50
52	68.1	70.2	70.7	55	119	257	Auburn Folsom Road	Lincoln Way to High St	18,300	35	0.0%	86.9%	9.3%	3.9%	84.0%	8.9%	7.0%	5	Soft	50
53	68.7	70.8	71.3	61	132	285	Auburn Folsom Road	High St to Sacramento St	21,100	35	0.0%	86.9%	9.3%	3.9%	83.3%	9.6%	7.2%	5	Soft	50
54	67.7	69.7	70.1	51	110	237	Auburn Folsom Road	Sacramento St to Pacific Ave.	16,700	35	0.0%	86.9%	9.3%	3.9%	85.0%	8.4%	6.6%	5	Soft	50
55	67.6	69.7	70.2	51	111	239	Auburn Folsom Road	Pacific Ave to Maidu Dr	16,500	35	0.0%	86.9%	9.3%	3.9%	84.2%	8.8%	6.9%	5	Soft	50
56	67.1	69.4	69.9	49	106	228	Auburn Folsom Road	Maidu Dr to Indian Hill Rd	15,400	35	0.0%	86.9%	9.3%	3.9%	82.7%	9.4%	7.9%	2	Soft	50
57	66.4	68.9	69.4	45	98	211	Auburn Folsom Road	S/O Indian Hill Rd	10,500	40	0.0%	86.9%	9.3%	3.9%	82.0%	9.4%	8.6%	2	Soft	50
58	64.4	66.7	67.1	32	69	149	Ophir Road	W/O Wise Rd	4,420	50	0.0%	86.9%	9.3%	3.9%	84.8%	7.2%	7.7%	2	Soft	50
59	66.7	68.9	69.4	45	98	211	Ophir Road	Wise Rd to I-80	7,400	50	0.0%	86.9%	9.3%	3.9%	83.6%	9.1%	7.3%	2	Soft	50
60	56.2	58.1	58.7	9	19	41	Sacramento Street	Lincoln Way to Auburn Folsom Rd	2,130	25	0.0%	86.9%	9.3%	3.9%	83.6%	10.3%	6.1%	2	Soft	50
61	57.8	60.1	60.6	12	25	55	Sacramento Street	Auburn Folsom Rd to Pacific Ave	3,110	25	0.0%	86.9%	9.3%	3.9%	82.6%	9.6%	7.7%	2	Soft	50
62	57.6	59.5	60.1	11	24	51	Sacramento Street	Pacific Ave to Auburn Folsom Rd	2,960	25	0.0%	86.9%	9.3%	3.9%	83.4%	10.5%	6.1%	2	Soft	50
63	54.5	56.1	56.9	7	14	31	Pacific Avenue	E/O Sacramento St	1,450	25	0.0%	86.9%	9.3%	3.9%	82.1%	13.1%	4.8%	2	Soft	50
64	63.8	65.9	66.3	28	61	132	Maidu Drive	E/O Auburn Folsom Rd	5,800	40	0.0%	86.9%	9.3%	3.9%	85.3%	7.9%	6.7%	2	Soft	50
65	65.8	68.1	68.6	40	87	188	Indian Hill Road	W/O Auburn Folsom Rd	7,300	45	0.0%	86.9%	9.3%	3.9%	82.6%	9.6%	7.8%	3	Soft	50
66	75.5	79.2	79.6	218	469	1011	I-80 Eastbound	East of Bell Rd	31,107	65	0.0%	89.2%	3.9%	6.9%	75.0%	10.0%	15.0%	3	Soft	50
67	75.6	79.3	79.7	221	475	1024	I-80 Westbound	East of Bell Rd	31,691	65	0.0%	89.2%	3.9%	6.9%	75.0%	10.0%	15.0%	3	Soft	50
68	76.0	79.8	80.1	237	510	1099	I-80 Eastbound	At Auburn Ravine Rd/Foresthill Rd	35,257	65	0.0%	89.2%	3.9%	6.9%	75.0%	10.0%	15.0%	3	Soft	50
69	76.0	79.7	80.1	234	504	1087	I-80 Westbound	At Auburn Ravine Rd/Foresthill Rd	34,643	65	0.0%	89.2%	3.9%	6.9%	75.0%	10.0%	15.0%	3	Soft	50
70	77.2	80.9	81.3	283	610	1315	I-80 Eastbound	West of Ophir Rd	46,108	65	0.0%	89.2%	3.9%	6.9%	75.0%	10.0%	15.0%	3	Soft	50
71	77.8	81.5	81.9	311	670	1443	I-80 Westbound	West of Ophir Rd	52,992	65	0.0%	89.2%	3.9%	6.9%	75.0%	10.0%	15.0%	3	Soft	50

Appendix K

Travel Model Calibration Memorandum

Fehr & Peers

Memo

Date: June 25, 2026

To: Barry Miller

From: Rob Hananouchi & Hari Krishnan, Fehr & Peers

Subject: Placer County Travel Forecasting Model Calibration and Validation for Auburn General Plan Update

RS23-4296

This memorandum summarizes the validation, calibration, and reasonableness review conducted for the Placer County travel forecasting model that was used for the South Placer Regional Transportation Agency (SPRTA) fee study. This version of the Placer County travel forecasting model is used to prepare traffic and vehicle miles traveled (VMT) forecasts for the Auburn General Plan Update.

To support project-level applications, both the California Transportation Commission (CTC) and Caltrans recommend subarea validation to demonstrate that a travel forecasting model produces outputs that accurately reflect travel patterns within the study area. The primary objective is to ensure that the model not only performs well at the regional scale but also reliably reproduces local traffic volumes, travel behavior, and roadway utilization patterns that are critical for project-level planning and decision-making. The validation process began with a detailed review of the model's 2019 baseline assumptions, including land use data, roadway network characteristics, and Traffic Analysis Zone (TAZ) centroid connections. Recognizing that local conditions have evolved since the original model was developed, both the baseline roadway network and land use information were reviewed and, where appropriate, modified to reflect development activity and transportation network changes that occurred between 2019 and 2024.

The Placer County travel forecasting model from the SPRTA fee study was validated at the regional level when it was developed. However, the CTC and Caltrans recommend conducting a local subarea model validation to verify a model also reasonably replicates traffic volumes and travel patterns for a local project application.

Model validation can be conducted at varying levels of detail depending on the model's intended application and the availability of supporting data. For this study, the most reliable and comprehensive data source consists of observed daily traffic counts, collected during spring 2024 from 69 road segments across the study area, which provide a basis for evaluating link-level traffic volumes throughout the roadway network. Model performance was evaluated using the validation criteria established in the CTC's Regional Transportation Plan (RTP) Guidelines. These measures

assess how closely modeled traffic volumes correspond to observed traffic counts and provide an objective framework for determining model reliability. The validation criteria include:

- Volume Deviation: At least 75 percent of roadway links with available traffic counts must fall within acceptable deviation thresholds. These thresholds range from 15 to 60 percent, with higher-volume roadways requiring greater precision.
- Correlation Coefficient: The model must achieve a minimum correlation coefficient of 0.88. A value of 1.0 represents a perfect relationship between modeled and observed traffic volumes.
- Percent Root Mean Squared Error (%RMSE): The model must maintain a %RMSE below 40 percent, indicating that overall differences between modeled and observed traffic volumes remain within acceptable limits.

Observed two-way daily traffic counts collected during spring 2024 at 69 roadway segments throughout the study area served as the primary dataset for validating link-level daily traffic volumes in the base year model. Comparison of the pre-calibrated Placer County travel forecasting model (i.e., the Placer County travel model used for the SPRTA fee study) against these observed counts indicated that it did not satisfy the Caltrans volume deviation criterion for the local Auburn subarea, which requires at least 75 % of roadway links with available traffic counts to fall within the acceptable deviation thresholds (see Table 1). As a result, additional calibration was performed to improve the model's representation of observed traffic conditions and achieve compliance with the validation standards. Some of these refinements included:

- Roadway Speeds and Capacity: roadway operating speeds were updated to better reflect posted speed limits, and the model's capacity inputs were reviewed and revised to ensure consistency with roadway classifications and existing characteristics.
- Network Connectivity: Directional coding was corrected where necessary, including one-way and two-way roadway designations. For example, certain freeway ramps were coded in the incorrect direction, which were corrected. Additionally, network connection errors (i.e., model network links that do not exist as part of the roadway network) were corrected to improve route choice and traffic assignment.
- Turn penalties were updated, specifically at the freeway ramps
- Traffic Analysis Zone (TAZ) refinements: TAZ centroid connectors and loading assumptions were refined to better represent local access patterns and trip distribution throughout the study area.
- Land Use Updates: Residential, employment, and other land use allocations were updated to reflect current development patterns, demographic conditions, and economic activity as of Spring 2024.

Table 1 shows that, post calibration, the model met all applicable validation thresholds, demonstrating substantial improvement over the pre-calibrated model. A detailed summary of the validation results for both the pre-calibrated and calibrated base year models is provided in Attachment A.

Table 1. Calibration Summary

RTP Criteria and thresholds	Pre Calibration	Post Calibration
Percent Within Caltrans Maximum Deviation (>75%)	65%	78%
Percent Root Mean Square Error (<40%)	39%	34%
Correlation Coefficient (>0.88)	95%	97%

Note: Criteria is consistent with Caltrans RTP Guidelines
Source: Fehr & Peers.

Auburn General Plan Update **Pre-Calibrated Base Year Model**

Daily **Static Model Validation – Two-Way Total**

ID	Roadway	Location	Model Volume	Count Volume	Model / Count	% Deviation	Max Allowable %	Within Deviation	Model - Count	Difference Squared
1	SR 49 (Grass Valley Hwy)	N/O Bell Road	37283	43043	0.87	13%	21%	Acceptable	-5,760	33,173,760
2	SR 49 (Grass Valley Hwy)	N/O Willow Creek Drive	48154	40678	1.18	18%	22%	Acceptable	7,477	55,898,052
3	SR 49 (Grass Valley Hwy)	S/O Willow Creek Drive	47863	40537	1.18	18%	22%	Acceptable	7,327	53,677,602
4	SR 49 (Grass Valley Hwy)	N/O Luther Rd	57280	48731	1.18	18%	20%	Acceptable	8,549	73,085,401
5	SR 49 (Grass Valley Hwy)	N/O Edgewood Rd	50677	44375	1.14	14%	21%	Acceptable	6,302	39,715,204
6	SR 49 (Grass Valley Hwy)	S/O Edgewood Rd	51384	44336	1.16	16%	21%	Acceptable	7,049	49,681,352
7	SR 49 (Grass Valley Hwy)	N/O Palm Ave	41293	37093	1.11	11%	23%	Acceptable	4,200	17,640,000
8	SR 49 (Grass Valley Hwy)	N/O Elm Ave	40981	35251	1.16	16%	23%	Acceptable	5,730	32,832,900
9	SR 49 (Grass Valley Hwy)	S/O Elm Ave	41828	34317	1.22	22%	24%	Acceptable	7,511	56,410,114
10	Grass Valley Hwy	N/O Lincoln Way	13844	17998	0.77	23%	29%	Acceptable	-4,154	17,252,947
11	Locksley Ln/Earhart Ave	Locksley Ln W/O Wilbur Way	5035	4280	1.18	18%	52%	Acceptable	755	570,025
12	New Airport Road	S/O Bell Road	643	3369	0.19	81%	58%	Low	-2,726	7,428,350
13	Bell Road	W/O SR 49	21106	13966	1.51	51%	31%	High	7,140	50,979,600
14	Bell Road	W/O New Airport Rd	16682	20535	0.81	19%	28%	Acceptable	-3,853	14,841,756
15	Bell Road	E/O New Aiport Rd	17350	26392	0.66	34%	25%	Low	-9,042	81,748,722
16	Bell Road	E/O Bowman Rd	20777	27181	0.76	24%	25%	Acceptable	-6,404	41,011,216
17	Luther Road	E/O SR 49	10748	9335	1.15	15%	38%	Acceptable	1,414	1,997,982
18	Luther Road	W/O Bowman Road	10360	6949	1.49	49%	44%	High	3,411	11,634,921
19	Bowman Road	N/O Luther Road	2698	5652	0.48	52%	48%	Low	-2,954	8,723,162
20	Bowman Road	N/O Auburn Ravine Road	9574	8510	1.13	13%	41%	Acceptable	1,065	1,133,160
21	Lincoln Way	N/O Foresthill Road	4118	9621	0.43	57%	38%	Low	-5,503	30,277,506
22	Dairy Road	N/O Auburn Ravine Road	2282	3297	0.69	31%	58%	Acceptable	-1,015	1,029,548
23	Edgewood Road	W/O SR 49	3757	2645	1.42	42%	58%	Acceptable	1,113	1,237,656
24	Marguerite Mine Road	W/O Auburn Ravine Road	3982	2779	1.43	43%	58%	Acceptable	1,203	1,448,011
25	Auburn Ravine Road	W/O Bowman Road	6110	6293	0.97	3%	44%	Acceptable	-183	33,489
26	Auburn Ravine Road	W/O Lincoln Way	19410	14317	1.36	36%	31%	High	5,094	25,943,742
27	Foresthill Road	E/O Lincoln Way	9799	8432	1.16	16%	41%	Acceptable	1,368	1,870,056
28	Auburn Ravine Road	N/O Palm Ave	5675	5439	1.04	4%	48%	Acceptable	236	55,696
29	Auburn Ravine Road	N/O Elm Ave	6201	6631	0.94	6%	44%	Acceptable	-430	184,613
30	Nevada Street	W/O SR 49	12890	4746	2.72	172%	52%	High	8,144	66,319,307
31	Nevada Street	N/O Fulweiler Ave	13713	10653	1.29	29%	36%	Acceptable	3,060	9,365,640
32	Nevada Street	N/O Placer Street	13654	9063	1.51	51%	38%	High	4,591	21,074,220
33	Mount Vernon Road	W/O Nevada Street	2144	3141	0.68	32%	58%	Acceptable	-997	994,674
34	Palm Avenue	W/O SR 49	2473	3255	0.76	24%	58%	Acceptable	-782	611,524
35	Palm Avenue	E/O SR 49	3536	4652	0.76	24%	52%	Acceptable	-1,116	1,246,200
36	Russell Road	W/O Lincoln Way	3784	2884	1.31	31%	58%	Acceptable	901	810,900
37	Lincoln Way	N/O Russell Rd	4473	6291	0.71	29%	44%	Acceptable	-1,818	3,305,124
38	Lincoln Way	S/O Russell Rd	3948	5606	0.70	30%	48%	Acceptable	-1,658	2,747,306
39	Lincoln Way	N/O Foresthill Avenue	1675	9621	0.17	83%	38%	Low	-7,946	63,130,970
40	Fullweiler Avenue	W/O SR 49	2587	6206	0.42	58%	48%	Low	-3,619	13,094,748
41	Elm Avenue	E/O SR 49	6355	10076	0.63	37%	36%	Low	-3,721	13,845,841
42	Elm Avenue (SR 49)	E/O I-80	12376	18404	0.67	33%	29%	Low	-6,028	36,336,784
43	High St/El Dorado St (SR 49)	N/O Elm Ave	5613	13434	0.42	58%	33%	Low	-7,821	61,173,255
44	High Street	N/O Placer Street	1610	5880	0.27	73%	48%	Low	-4,270	18,232,900
45	Lincoln Way	E/O High Street	6572	1678	3.92	292%	63%	High	4,894	23,954,499
46	Maple Street	W/O Auburn Folsom Road	8371	6789	1.23	23%	44%	Acceptable	1,582	2,501,669
47	Lincoln Way	W/O Grass Valley Hwy	19173	13950	1.37	37%	31%	High	5,223	27,276,247
48	Lincoln Way	E/O Grass Valley Hwy	12594	8046	1.57	57%	41%	High	4,548	20,687,336
49	High Street	S/O Lewis Street	4324	5124	0.84	16%	48%	Acceptable	-800	640,000
50	High Street	E/O Auburn Folsom Road	4400	5008	0.88	12%	48%	Acceptable	-608	369,259
51	Auburn Folsom Road	E/O Lincoln Way/Maple St	9101	16375	0.56	44%	29%	Low	-7,274	52,911,076
52	Auburn Folsom Road	S/O High Street	20013	18678	1.07	7%	29%	Acceptable	1,335	1,781,335
53	Auburn Folsom Road	S/O Sacramento Street	14082	13634	1.03	3%	33%	Acceptable	448	200,405
54	Auburn Folsom Road	S/O Pacific Ave	14154	13049	1.08	8%	33%	Acceptable	1,105	1,221,025
55	Auburn Folsom Road	S/O Maidu Dr	16002	11906	1.34	34%	34%	High	4,096	16,779,947
56	Auburn Folsom Road	S/O Indian Hill Rd	11667	8059	1.45	45%	41%	High	3,608	13,017,664
57	Ophir Road	1 Mi E/O Lozanos Rd	1593	2611	0.61	39%	58%	Acceptable	-1,018	1,037,003
58	Ophir Road	W/O I-80	3026	3567	0.85	15%	58%	Acceptable	-541	293,042
59	Sacramento Street	S/O Lincoln Way	12973	2126	6.10	510%	63%	High	10,847	117,657,409
60	Sacramento Street	E/O Auburn Folsom Road	4696	3110	1.51	51%	58%	Acceptable	1,586	2,515,396
61	Sacramento Street	S/O Pacific Ave	2350	2957	0.79	21%	58%	Acceptable	-607	368,854
62	Pacific Avenue	E/O Sacramento Street	1041	1446	0.72	28%	63%	Acceptable	-405	164,295
63	Maidu Drive	E/O Auburn Folsom Road	3295	5785	0.57	43%	48%	Acceptable	-2,490	6,198,440
64	Indian Hill Road	W/O Auburn Folsom Road	5532	6285	0.88	12%	44%	Acceptable	-753	567,511
67	I80 at Bell Rd (PeMS)	E/O of Bell Rd	59249	50121	1.18	18%	20%	Acceptable	9,128	83,320,384
65	I80 EB at Auburn Ravine (PeMS)	at Auburn Ravine Rd/Foreshill Rd	24508	26726	0.92	8%	25%	Acceptable	-2,218	4,919,524
66	I80 WB at Auburn Ravine (PeMS)	at Auburn Ravine Rd/Foreshill Rd	24933	26260	0.95	5%	25%	Acceptable	-1,327	1,760,929
69	I80 EB at Ophir Rd (PeMS)	W/O of Ophir Rd	56414	34070	1.66	66%	24%	High	22,344	499,254,336
70	I80 WB at Ophir Rd (PeMS)	W/O of Ophir Rd	56487	39157	1.44	44%	22%	High	17,330	300,328,900
		Total	**1,094,275**	**1,012,404**						
		Model/Count Ratio	**1.08**							
		Percent Within Caltrans Maximum Deviation (>75%)	**65%**							
		Percent Root Mean Square Error (<40%)	**39%**							
		Correlation Coefficient (>0.88)	**95%**							

Notes: Criteria is consistent with Caltrans RTP Guidelines

Low Acceptable High

Daily **Static Model Validation – Two-Way Total**

ID	Roadway	Location	Model Volume	Count Volume	Model / Count	% Deviation	Max Allowable % Deviation	Within Deviation	Model – Count	Difference Squared
1	SR 49 (Grass Valley Hwy)	N/O Bell Road	45,510	43,043	1.06	6%	21%	Acceptable	2,467	6,087,734
2	SR 49 (Grass Valley Hwy)	N/O Willow Creek Drive	43,679	40,678	1.07	7%	22%	Acceptable	3,002	9,009,002
3	SR 49 (Grass Valley Hwy)	S/O Willow Creek Drive	47,218	40,537	1.16	16%	22%	Acceptable	6,682	44,642,442
4	SR 49 (Grass Valley Hwy)	N/O Luther Rd	55,366	48,731	1.14	14%	20%	Acceptable	6,635	44,023,225
5	SR 49 (Grass Valley Hwy)	N/O Edgewood Rd	50,826	44,375	1.15	15%	21%	Acceptable	6,451	41,615,401
6	SR 49 (Grass Valley Hwy)	S/O Edgewood Rd	50,891	44,336	1.15	15%	21%	Acceptable	6,556	42,974,580
7	SR 49 (Grass Valley Hwy)	N/O Palm Ave	42,786	37,093	1.15	15%	23%	Acceptable	5,693	32,410,249
8	SR 49 (Grass Valley Hwy)	N/O Elm Ave	42,941	35,251	1.22	22%	23%	Acceptable	7,690	59,136,100
9	SR 49 (Grass Valley Hwy)	S/O Elm Ave	44,169	34,317	1.29	29%	24%	High	9,852	97,055,336
10	Grass Valley Hwy	N/O Lincoln Way	17,696	17,998	0.98	2%	29%	Acceptable	-302	91,003
11	Locksley Ln/Earhart Ave	Locksley Ln W/O Wilbur Way	6,609	4,280	1.54	54%	52%	High	2,329	5,424,241
12	New Airport Road	S/O Bell Road	2,383	3,369	0.71	29%	58%	Acceptable	-986	971,210
13	Bell Road	W/O SR 49	26,220	13,966	1.88	88%	31%	High	12,254	150,160,516
14	Bell Road	W/O New Airport Rd	18,424	20,535	0.90	10%	28%	Acceptable	-2,111	4,454,210
15	Bell Road	E/O New Aiport Rd	24,469	26,392	0.93	7%	25%	Acceptable	-1,923	3,696,006
16	Bell Road	E/O Bowman Rd	24,677	27,181	0.91	9%	25%	Acceptable	-2,504	6,270,016
17	Luther Road	E/O SR 49	8,848	9,335	0.95	5%	38%	Acceptable	-487	236,682
18	Luther Road	W/O Bowman Road	5,893	6,949	0.85	15%	44%	Acceptable	-1,056	1,115,136
19	Bowman Road	N/O Luther Road	2,255	5,652	0.40	60%	48%	Low	-3,397	11,536,212
20	Bowman Road	N/O Auburn Ravine Road	5,181	8,510	0.61	39%	41%	Acceptable	-3,329	11,078,912
21	Lincoln Way	N/O Foresthill Road	4,889	9,621	0.51	49%	38%	Low	-4,732	22,387,092
22	Dairy Road	N/O Auburn Ravine Road	3,960	3,297	1.20	20%	58%	Acceptable	663	440,011
23	Edgewood Road	W/O SR 49	343	2,645	0.13	87%	58%	Low	-2,302	5,296,902
24	Marguerite Mine Road	W/O Auburn Ravine Road	3,663	2,779	1.32	32%	58%	Acceptable	884	782,045
25	Auburn Ravine Road	W/O Bowman Road	4,732	6,293	0.75	25%	44%	Acceptable	-1,561	2,436,721
26	Auburn Ravine Road	W/O Lincoln Way	17,422	14,317	1.22	22%	31%	Acceptable	3,106	9,644,130
27	Foresthill Road	E/O Lincoln Way	10,036	8,432	1.19	19%	41%	Acceptable	1,605	2,574,420
28	Auburn Ravine Road	N/O Palm Ave	5,088	5,439	0.94	6%	48%	Acceptable	-351	123,201
29	Auburn Ravine Road	N/O Elm Ave	8,740	6,631	1.32	32%	44%	Acceptable	2,109	4,449,287
30	Nevada Street	W/O SR 49	8,848	4,746	1.86	86%	52%	High	4,102	16,823,669
31	Nevada Street	N/O Fulweiler Ave	10,760	10,653	1.01	1%	36%	Acceptable	107	11,520
32	Nevada Street	N/O Placer Street	10,122	9,063	1.12	12%	38%	Acceptable	1,059	1,120,775
33	Mount Vernon Road	W/O Nevada Street	3,217	3,141	1.02	2%	58%	Acceptable	76	5,725
34	Palm Avenue	W/O SR 49	4,544	3,255	1.40	40%	58%	Acceptable	1,289	1,661,521
35	Palm Avenue	E/O SR 49	5,404	4,652	1.16	16%	52%	Acceptable	752	565,003
36	Russell Road	W/O Lincoln Way	3,395	2,884	1.18	18%	58%	Acceptable	512	261,632
37	Lincoln Way	N/O Russell Rd	3,587	6,291	0.57	43%	44%	Acceptable	-2,704	7,311,616
38	Lincoln Way	S/O Russell Rd	3,322	5,606	0.59	41%	48%	Acceptable	-2,284	5,214,372
39	Lincoln Way	N/O Foresthill Avenue	3,962	9,621	0.41	59%	38%	Low	-5,659	32,018,622
40	Fullweiler Avenue	W/O SR 49	5,173	6,206	0.83	17%	48%	Acceptable	-1,033	1,066,400
41	Elm Avenue	E/O SR 49	7,607	10,076	0.75	25%	36%	Acceptable	-2,469	6,095,961
42	Elm Avenue (SR 49)	E/O I-80	18,330	18,404	1.00	0%	29%	Acceptable	-74	5,476
43	High St/El Dorado St (SR 49)	N/O Elm Ave	10,659	13,434	0.79	21%	33%	Acceptable	-2,775	7,702,475
44	High Street	N/O Placer Street	2,864	5,880	0.49	51%	48%	Low	-3,016	9,096,256
45	Lincoln Way	E/O High Street	2,706	1,678	1.61	61%	63%	Acceptable	1,028	1,057,469
46	Maple Street	W/O Auburn Folsom Road	8,707	6,789	1.28	28%	44%	Acceptable	1,918	3,677,445
47	Lincoln Way	W/O Grass Valley Hwy	16,743	13,950	1.20	20%	31%	Acceptable	2,793	7,798,987
48	Lincoln Way	E/O Grass Valley Hwy	8,198	8,046	1.02	2%	41%	Acceptable	152	23,205
49	High Street	S/O Lewis Street	4,607	5,124	0.90	10%	48%	Acceptable	-517	267,289
50	High Street	E/O Auburn Folsom Road	4,705	5,008	0.94	6%	48%	Acceptable	-303	91,607
51	Auburn Folsom Road	E/O Lincoln Way/Maple St	20,070	16,375	1.23	23%	29%	Acceptable	3,695	13,653,025
52	Auburn Folsom Road	S/O High Street	22,387	18,678	1.20	20%	29%	Acceptable	3,709	13,754,208
53	Auburn Folsom Road	S/O Sacramento Street	14,317	13,634	1.05	5%	33%	Acceptable	683	466,034
54	Auburn Folsom Road	S/O Pacific Ave	14,778	13,049	1.13	13%	33%	Acceptable	1,729	2,989,441
55	Auburn Folsom Road	S/O Maidu Dr	16,710	11,906	1.40	40%	34%	High	4,804	23,081,619
56	Auburn Folsom Road	S/O Indian Hill Rd	11,675	8,059	1.45	45%	41%	High	3,616	13,075,456
57	Ophir Road	1 Mi E/O Lozanos Rd	1,915	2,611	0.73	27%	58%	Acceptable	-696	484,880
58	Ophir Road	W/O I-80	3,435	3,567	0.96	4%	58%	Acceptable	-132	17,512
59	Sacramento Street	S/O Lincoln Way	3,137	2,126	1.48	48%	63%	Acceptable	1,011	1,022,121
60	Sacramento Street	E/O Auburn Folsom Road	5,097	3,110	1.64	64%	58%	High	1,987	3,948,169
61	Sacramento Street	S/O Pacific Ave	3,599	2,957	1.22	22%	58%	Acceptable	642	411,736
62	Pacific Avenue	E/O Sacramento Street	644	1,446	0.45	55%	63%	Acceptable	-802	643,739
63	Maidu Drive	E/O Auburn Folsom Road	4,803	5,785	0.83	17%	48%	Acceptable	-982	963,669
64	Indian Hill Road	W/O Auburn Folsom Road	6,730	6,285	1.07	7%	44%	Acceptable	445	197,728
67	I80 at Bell Rd (PeMS)	E/O of Bell Rd	60,302	50,121	1.20	20%	20%	High	10,181	103,652,761
65	I80 EB at Auburn Ravine (PeMS)	at Auburn Ravine Rd/Foreshill Rd	25,827	26,726	0.97	3%	25%	Acceptable	-899	808,201
66	I80 WB at Auburn Ravine (PeMS)	at Auburn Ravine Rd/Foreshill Rd	25,679	26,260	0.98	2%	25%	Acceptable	-581	337,561
69	I80 EB at Ophir Rd (PeMS)	W/O of Ophir Rd	55,966	34,070	1.64	64%	24%	High	21,896	479,434,816
70	I80 WB at Ophir Rd (PeMS)	W/O of Ophir Rd	56,546	39,157	1.44	44%	22%	High	17,389	302,377,321
		Total	1,125,991	1,012,404						
				Model/Count Ratio	1.11					
				Percent Within Caltrans Maximum Deviation (>75%)	78%					
				Percent Root Mean Square Error (<40%)	34%					
				Correlation Coefficient (>0.88)	97%					

Notes: Criteria is consistent with Caltrans RTP Guidelines

Low Acceptable High