Appendix PD – 1

Notice of Preparations and Comment Letters

Print Form

Appendix C

Notice of Completion & Environmental Document Transmittal

2019049139

Mail to: State Clearinghouse, P.O. Box 3044, Sacramento, CA 95812-3044 (916) 445-0613
For Hand Delivery/Street Address: 1400 Tenth Street, Sacramento, CA 95814

SCH #

Project Title: 2020 Metropolitan Transportation Plan/Sustainable Communities Strategy (MTP/SCS) EIR

Lead Agency: Sacramento Area Council of Governments (SACOG) Contact Person: Renee DeVere-Oki

Mailing Address: 1415 L Street, Suite 300 Phone: (916) 340-6219

City: Sacramento Zip: 95814 County: Multiple

Project Location: County: Mutiple (listed below) City/Nearest Community: ____

Cross Streets: Counties - Yolo, Sutter, Yuba, El Dorado (portion), Placer (portion), Sacramento Zip Code: ____

Longitude/Latitude (degrees, minutes and seconds): ____° ____′ ____″ N / ____° ____′ ____″ W Total Acres: ____

Assessor's Parcel No.: ____ Section: ____ Twp.: ____ Range: ____ Base: ____

Within 2 Miles: State Hwy #: ____ Waterways: ____

Airports: ____ Railways: ____ Schools: ____

Document Type:

CEQA: ☒ NOP ☐ Early Cons ☐ Neg Dec ☐ Mit Neg Dec

☐ Draft EIR ☐ Supplement/Subsequent EIR (Prior SCH No.) ____ Other: ____

NEPA: ☐ NOI ☐ EA ☐ Draft EIS ☐ FONSI

Other: ☐ Joint Document ☐ Final Document ☐ Other: ____

Governor's Office of Planning & Research

APR 25 2019

STATE CLEARINGHOUSE

Local Action Type:

☐ General Plan Update ☐ General Plan Amendment ☐ General Plan Element ☐ Community Plan

☐ Specific Plan ☐ Master Plan ☐ Planned Unit Development ☐ Site Plan

☐ Rezone ☐ Prezone ☐ Use Permit ☐ Land Division (Subdivision, etc.)

☐ Annexation ☐ Redevelopment ☐ Coastal Permit ☒ Other: MTP/SCS

Development Type:

☐ Residential: Units ____ Acres ____
☐ Office: Sq.ft. ____ Acres ____ Employees ____
☐ Commercial: Sq.ft. ____ Acres ____ Employees ____
☐ Industrial: Sq.ft. ____ Acres ____ Employees ____
☐ Educational: ____
☐ Recreational: ____
☐ Water Facilities: Type ____ MGD ____

☐ Transportation: Type ____
☐ Mining: Mineral ____
☐ Power: Type ____ MW ____
☐ Waste Treatment: Type ____ MGD ____
☐ Hazardous Waste: Type ____
☒ Other: Regional transportation and land use strategy

Project Issues Discussed in Document:

☒ Aesthetic/Visual
☒ Agricultural Land
☒ Air Quality
☒ Archeological/Historical
☒ Biological Resources
☐ Coastal Zone
☒ Drainage/Absorption
☒ Economic/Jobs

☐ Fiscal
☒ Flood Plain/Flooding
☒ Forest Land/Fire Hazard
☒ Geologic/Seismic
☒ Minerals
☒ Noise
☒ Population/Housing Balance
☒ Public Services/Facilities

☒ Recreation/Parks
☒ Schools/Universities
☒ Septic Systems
☒ Sewer Capacity
☒ Soil Erosion/Compaction/Grading
☒ Solid Waste
☒ Toxic/Hazardous
☒ Traffic/Circulation

☒ Vegetation
☒ Water Quality
☒ Water Supply/Groundwater
☒ Wetland/Riparian
☒ Growth Inducement
☒ Land Use
☒ Cumulative Effects
☐ Other: ____

Present Land Use/Zoning/General Plan Designation:

Various

Project Description: *(please use a separate page if necessary)*

The MTP/SCS is an integrated land use and trnsportation stategy for the SACOG region. The MTP is a long-range transportation plan that must be updated every 4 years to receive federal/state transportation dollars. An SCS is a required element of the MTP pursuant to SB 375. Among other requirements the SCS must identify areas within the region sufficient tohouse all the population, and identify policies and strategies to reduce per-capita passenger vehicle-generated GHG to CARB target levels. If the SCS does not achieve the GHG targets, as Alternative Planning Strategy (APS) must be prepared to show how the GHG targets can be achieved.

Note: The State Clearinghouse will assign identification numbers for all new projects. If a SCH number already exists for a project (e.g. Notice of Preparation or previous draft document) please fill in.

Revised 2010

Reviewing Agencies Checklist

Lead Agencies may recommend State Clearinghouse distribution by marking agencies below with and "**X**".
If you have already sent your document to the agency please denote that with an "**S**".

X	Air Resources Board	X	Office of Historic Preservation
	Boating & Waterways, Department of		Office of Public School Construction
X	California Emergency Management Agency	X	Parks & Recreation, Department of
	California Highway Patrol		Pesticide Regulation, Department of
X	Caltrans District #		Public Utilities Commission
X	Caltrans Division of Aeronautics	X	Regional WQCB #
X	Caltrans Planning	X	Resources Agency
X	Central Valley Flood Protection Board		Resources Recycling and Recovery, Department of
	Coachella Valley Mtns. Conservancy		S.F. Bay Conservation & Development Comm.
	Coastal Commission		San Gabriel & Lower L.A. Rivers & Mtns. Conservancy
	Colorado River Board		San Joaquin River Conservancy
X	Conservation, Department of		Santa Monica Mtns. Conservancy
	Corrections, Department of	X	State Lands Commission
X	Delta Protection Commission		SWRCB: Clean Water Grants
	Education, Department of	X	SWRCB: Water Quality
	Energy Commission		SWRCB: Water Rights
X	Fish & Game Region #		Tahoe Regional Planning Agency
X	Food & Agriculture, Department of		Toxic Substances Control, Department of
X	Forestry and Fire Protection, Department of	X	Water Resources, Department of
	General Services, Department of		
	Health Services, Department of		Other:
X	Housing & Community Development		Other:
X	Native American Heritage Commission		

Local Public Review Period (to be filled in by lead agency)

Starting Date April 25, 2019 Ending Date May 25, 2019

Lead Agency (Complete if applicable):

Consulting Firm: Ascent Environmental
Address: 455 Capitol Mall Suite 300
City/State/Zip: Sacramento CA 95814
Contact: Andrew Martin
Phone: (619) 417-4218

Applicant: SACOG
Address: 1415 L Street Suite 300
City/State/Zip: Sacramento CA 95814
Phone: (916) 340-6219

Signature of Lead Agency Representative: **Date:** 4/24/2019

Authority cited: Section 21083, Public Resources Code. Reference: Section 21161, Public Resources Code.

SUMMARY NOTES-

Meeting: MTP/SCS EIR Scoping Meeting

Date: May 9, 2019

Purpose: A public scoping meeting to receive oral comments on the appropriate scope and content of the EIR was held on May 9, 2019 from 1:30 pm to 2:30 pm at the SACOG offices at 1415 L Street, Suite 300, Sacramento, CA 95814.

Attended by:

Renee DeVere-Oki, SACOG EIR Project Manager (Presenter)
Clint Holtzen, SACOG MTP/SCS Project Manager (Presenter)

General Public:
Mike Garabedian, Placer Group Sierra Club

Summary of presentation:

This meeting will not be recorded and SACOG staff will take summary notes of oral comments provided. Individuals are encouraged to send specific comments to the addresses provided on the printed NOP.

The MTP/SCS is an integrated land use and transportation strategy for the six-county region consisting of Sacramento, Sutter, Yolo, Yuba, and portions of Placer and El Dorado Counties (the Lake Tahoe basin in these counties is excluded from the SACOG region).

An MTP, referred to in other regions as a regional transportation plan (RTP) or long-range transportation plan (LRTP), is the mechanism used in California to conduct long-range (at least 20-year) planning in the applicable regional area. The SACOG MTP/SCS has a 2040 planning horizon. SACOG must adopt an MTP and update it every four years, or more frequently, if the region is to receive federal or state transportation dollars for public transit, streets/roads, and bicycle and pedestrian improvements. This is the region's second update of the MTP/SCS.

An SCS is a required element of the MTP under California's Sustainable Communities and Climate Protection Act, also known as Senate Bill 375 (SB 375) (Statutes of 2008, Chapter 728). The SCS identifies policies and strategies to reduce per-capita passenger vehicle-generated greenhouse gas (GHG) emissions to target levels set by the California Air Resources Board (CARB). The SCS must address: the general location of land uses, residential densities, and building intensities within the region; areas within the region sufficient to house all the population of the region; areas within the region sufficient to house an 8-year projection of the regional housing need; a transportation network to serve the regional transportation needs; information regarding resource areas and farmland in the region; consideration of state housing goals; a forecasted development pattern for the region; and compliance with the federal Clean Air Act. If the SCS does not achieve the GHG emission targets set by CARB, an additional analysis called an Alternative Planning Strategy (APS) must be prepared to accompany the SCS, demonstrating how the targets could be achieved.

In accordance with the California Environmental Quality Act (CEQA) Guidelines (Section 15082), the purpose of this Notice of Preparation (NOP) scoping meeting is to seek comments about the scope and content of the EIR that will be prepared analyzing this update of the MTP/SCS.

SACOG is particularly interested in learning what information may be helpful for such tiering in connection with your project-specific environmental review (if applicable).
In particular, SACOG seeks your views on the following questions:

- Are there potential environmental issues that SACOG has not identified in the list of potential environmental effects listed below under the proposed EIR scope. If so, please identify these potential issues.

- Are there any alternatives you believe SACOG should evaluate?

- What types of mitigation measures do you think would help avoid or minimize potential environmental effects?

Adoption and implementation of the MTP/SCS has the potential to result in environmental effects in all of the environmental impact areas identified in CEQA. For this reason, the EIR will be a "full scope" document that analyzes all of the required CEQA environmental issue areas. These include: aesthetics; agriculture and forestry resources; air quality (including toxic air contaminants); biological resources; cultural resources; energy and global climate change; geology (including paleontological and mineral resources), soils, and seismicity; hazards and hazardous materials; hydrology and water quality; land use and planning; noise and vibration; population and housing; public services and recreation; transportation and traffic; utilities and service systems. The EIR will also address alternatives, growth inducing impacts, cumulative effects, and other issues required by CEQA.

Due to time limits mandated by State law, your response must be received no later than May 25, 2019, using any of the following methods:

By Mail	**By Fax**	**By E-Mail**
SACOG 1415 L Street, Suite 300 Sacramento, CA 95814	(916) 321-9551	eircomments@sacog.org

Summary of Public Comment:

Oral testimony was provided by Michael Garabedian of the Sierra Club for Placer County:

Mr. Garabedian spoke about the I-80 Interchange at SR65 listing segments in the MTP/SCS draft project list. He noted that what is being prosed would make it difficult to reach 19%. He said what was missing is fixed transit in this location; there is no alternative to widening in any meaningful kind of way. He recommended an analysis of fixed transit to Lincoln. He recommended the review of a 1995 Butte County study on rail particularly phase 1 and phase 2. He recommended the extension of RT. Also, to look at the state rail plan going north. He spoke regarding need for a Lincoln transit system and having transit between Lincoln and Roseville. He noted concern regarding how SB1 corridor projects could be

pulled from this list in the future; specifically, Placer Parkway and other various names of this project. He noted recent developments have made 65 more congested and this should be looked at environmentally. He recommended an analysis be done looking at local roads in Rocklin. He noted that 23% of the SACOG board is being represented by Placer. He spoke to induced growth and how median should be reserved for transit. Also, the need for increased density as an alternative. He recommended looking at the Citizen Alternative Growth plan. The Plan should look at developments coming back to life and the Placer County Preservation Plan.

Prepared by RDO, SACOG, 5/9/19

STATE OF CALIFORNIA

Governor's Office of Planning and Research

State Clearinghouse and Planning Unit

Gavin Newsom
Governor

Kate Gordon
Director

Notice of Preparation

APR 2 9 2019

April 25, 2019

To: Reviewing Agencies

Re: 2020 Metropolitan Transportation Plan/Sustainable Communities Strategy (MTP/SCS) EIR
SCH# 2019049139

Attached for your review and comment is the Notice of Preparation (NOP) for the 2020 Metropolitan Transportation Plan/Sustainable Communities Strategy (MTP/SCS) EIR draft Environmental Impact Report (EIR).

Responsible agencies must transmit their comments on the scope and content of the NOP, focusing on specific information related to their own statutory responsibility, within 30 days of receipt of the NOP from the Lead Agency. This is a courtesy notice provided by the State Clearinghouse with a reminder for you to comment in a timely manner. We encourage other agencies to also respond to this notice and express their concerns early in the environmental review process.

Please direct your comments to:

Renee De Vere-Oki
Sacramento Area Council of Governments
1415 L Street, Suite 300
Sacramento, CA 95814

with a copy to the State Clearinghouse in the Office of Planning and Research at state.clearinghouse@opr.ca.gov . Please refer to the SCH number noted above in all correspondence concerning this project on our website: https://ceqanet.opr.ca.gov/2019049139/2 .

If you have any questions about the environmental document review process, please call the State Clearinghouse at (916) 445-0613.

Sincerely,

Scott Morgan
Director, State Clearinghouse

cc: Lead Agency

1400 TENTH STREET P.O. BOX 3044 SACRAMENTO, CALIFORNIA 95812-3044
TEL 1-916-445-0613 state.clearinghouse@opr.ca.gov www.opr.ca.gov

Print Form

Appendix C

Notice of Completion & Environmental Document Transmittal

Mail to: State Clearinghouse, P.O. Box 3044, Sacramento, CA 95812-3044 (916) 445-0613
For Hand Delivery/Street Address: 1400 Tenth Street, Sacramento, CA 95814

SCH# 2019049139

Project Title: 2020 Metropolitan Transportation Plan/Sustainable Communities Strategy (MTP/SCS) EIR

Lead Agency: Sacramento Area Council of Governments (SACOG) Contact Person: Renee DeVere-Oki

Mailing Address: 1415 L Street, Suite 300 Phone: (916) 340-6219

City: Sacramento Zip: 95814 County: Multiple

Project Location: County: Mutiple (listed below) City/Nearest Community: ____

Cross Streets: Counties - Yolo, Sutter, Yuba, El Dorado (portion), Placer (portion), Sacramento Zip Code: ____

Longitude/Latitude (degrees, minutes and seconds): ____° ____′ ____″ N / ____° ____′ ____″ W Total Acres: ____

Assessor's Parcel No.: ____ Section: ____ Twp.: ____ Range: ____ Base: ____

Within 2 Miles: State Hwy #: ____ Waterways: ____

Airports: ____ Railways: ____ Schools: ____

Document Type:

CEQA: ☒ NOP ☐ Draft EIR
☐ Early Cons ☐ Supplement/Subsequent EIR
☐ Neg Dec (Prior SCH No.) ____
☐ Mit Neg Dec Other: ____

NEPA: ☐ NOI ☐ EA ☐ Draft EIS ☐ FONSI

Other: ☐ Joint Document ☐ Final Document ☐ Other: ____

Local Action Type:

Governor's Office of Planning & Research
APR 25 2019
STATE CLEARINGHOUSE

☐ General Plan Update ☐ Specific Plan ☐ Rezone ☐ Annexation
☐ General Plan Amendment ☐ Master Plan ☐ Prezone ☐ Redevelopment
☐ General Plan Element ☐ Planned Unit Development ☐ Use Permit ☐ Coastal Permit
☐ Community Plan ☐ Site Plan ☐ Land Division ☒ Other: MTP/SCS

Development Type:

☐ Residential: Units ____ Acres ____
☐ Office: Sq.ft. ____ Acres ____ Employees ____
☐ Commercial: Sq.ft. ____ Acres ____ Employees ____
☐ Industrial: Sq.ft. ____ Acres ____ Employees ____
☐ Educational: ____
☐ Recreational: ____
☐ Water Facilities: Type ____ MGD ____

☐ Transportation: Type ____
☐ Mining: Mineral ____
☐ Power: Type ____ MW ____
☐ Waste Treatment: Type ____ MGD ____
☐ Hazardous Waste: Type ____
☒ Other: Regional transportation and land use strategy

Project Issues Discussed in Document:

☒ Aesthetic/Visual ☐ Fiscal ☒ Recreation/Parks ☒ Vegetation
☒ Agricultural Land ☒ Flood Plain/Flooding ☒ Schools/Universities ☒ Water Quality
☒ Air Quality ☒ Forest Land/Fire Hazard ☒ Septic Systems ☒ Water Supply/Groundwater
☒ Archeological/Historical ☒ Geologic/Seismic ☒ Sewer Capacity ☒ Wetland/Riparian
☒ Biological Resources ☒ Minerals ☒ Soil Erosion/Compaction/Grading ☒ Growth Inducement
☐ Coastal Zone ☒ Noise ☒ Solid Waste ☒ Land Use
☒ Drainage/Absorption ☒ Population/Housing Balance ☒ Toxic/Hazardous ☒ Cumulative Effects
☒ Economic/Jobs ☒ Public Services/Facilities ☒ Traffic/Circulation ☐ Other: ____

Present Land Use/Zoning/General Plan Designation:

Various

Project Description: *(please use a separate page if necessary)*

The MTP/SCS is an integrated land use and trnsportation stategy for the SACOG region. The MTP is a long-range transportation plan that must be updated every 4 years to receive federal/state transportation dollars. An SCS is a required element of the MTP pursuant to SB 375. Among other requirements the SCS must identify areas within the region sufficient tohouse all the population, and identify policies and strategies to reduce per-capita passenger vehicle-generated GHG to CARB target levels. If the SCS does not achieve the GHG targets, as Alternative Planning Strategy (APS) must be prepared to show how the GHG targets can be achieved.

Note: The State Clearinghouse will assign identification numbers for all new projects. If a SCH number already exists for a project (e.g. Notice of Preparation or previous draft document) please fill in.

Revised 2010

NOP Distribution List

County: Yolo, Sutter, Yuba, El Dorado. SCH# 2019049139

Resources Agency

- [x] **Resources Agency**
  Nadell Gayou
  - [ ] **Dept. of Boating & Waterways**
    Denise Peterson
  - [ ] **California Coastal Commission**
    Allyson Hitt
  - [ ] **Colorado River Board**
    Elsa Contreras
  - [x] **Dept. of Conservation**
    Crina Chan
  - [x] **Cal Fire**
    Dan Foster
  - [x] **Central Valley Flood Protection Board**
    James Herota
  - [ ] **Office of Historic Preservation**
    Ron Parsons
- [x] **Dept of Parks & Recreation**
  Environmental Stewardship Section
  - [ ] **S.F. Bay Conservation & Dev't. Comm.**
    Steve Goldbeck
  - [ ] **Dept. of Water Resources**
    Resources Agency
    Nadell Gayou

Fish and Wildlife

- [ ] **Depart. of Fish & Wildlife**
  Scott Flint
  Environmental Services Division
- [ ] **Fish & Wildlife Region 1**
  Curt Babcock
- [ ] **Fish & Wildlife Region 1E**
  Laurie Harnsberger
- [x] **Fish & Wildlife Region 2**
  Jeff Drongesen
- [ ] **Fish & Wildlife Region 3**
  Craig Weightman
- [ ] **Fish & Wildlife Region 4**
  Julie Vance
- [ ] **Fish & Wildlife Region 5**
  Leslie Newton-Reed
  Habitat Conservation Program
- [ ] **Fish & Wildlife Region 6**
  Tiffany Ellis
  Habitat Conservation Program
- [ ] **Fish & Wildlife Region 6 I/M**
  Heidi Calvert
  Inyo/Mono, Habitat Conservation Program
- [ ] **Dept. of Fish & Wildlife M**
  William Paznokas
  Marine Region

Other Departments

- [ ] **California Department of Education**
  Lesley Taylor
- [x] **OES (Office of Emergency Services)**
  Monique Wilber
- [ ] **Food & Agriculture**
  Sandra Schubert
  Dept. of Food and Agriculture
- [ ] **Dept. of General Services**
  Cathy Buck
  Environmental Services Section
- [x] **Housing & Comm. Dev.**
  CEQA Coordinator
  Housing Policy Division

Independent Commissions,Boards

- [x] **Delta Protection Commission**
  Erik Vink
- [x] **Delta Stewardship Council**
  Anthony Navasero
- [ ] **California Energy Commission**
  Eric Knight
- [x] **Native American Heritage Comm.**
  Debbie Treadway
- [ ] **Public Utilities Commission**
  Supervisor
- [ ] **Santa Monica Bay Restoration**
  Guangyu Wang
- [ ] **State Lands Commission**
  Jennifer Deleong
- [ ] **Tahoe Regional Planning Agency (TRPA)**
  Cherry Jacques

Cal State Transportation Agency CalSTA

- [ ] **Caltrans - Division of Aeronautics**
  Philip Crimmins
- [x] **Caltrans – Planning HQ LD-IGR**
  Christian Bushong
- [x] **California Highway Patrol**
  Suzann Ikeuchi
  Office of Special Projects

Dept. of Transportation

- [ ] **Caltrans, District 1**
  Rex Jackman
- [ ] **Caltrans, District 2**
  Marcelino Gonzalez
- [x] **Caltrans, District 3**
  Susan Zanchi
- [ ] **Caltrans, District 4**
  Patricia Maurice
- [ ] **Caltrans, District 5**
  Larry Newland
- [ ] **Caltrans, District 6**
  Michael Navarro
- [ ] **Caltrans, District 7**
  Dianna Watson
- [ ] **Caltrans, District 8**
  Mark Roberts
- [ ] **Caltrans, District 9**
  Gayle Rosander
- [ ] **Caltrans, District 10**
  Tom Dumas
- [ ] **Caltrans, District 11**
  Jacob Armstrong
- [ ] **Caltrans, District 12**
  Maureen El Harake

Cal EPA

Air Resources Board

- [x] **Airport & Freight**
  Jack Wursten
  - [ ] **Transportation Projects**
    Nesamani Kalandiyur
  - [ ] **Industrial/Energy Projects**
    Mike Tollstrup
- [ ] **California Department of Resources, Recycling & Recovery**
  Kevin Taylor/Jeff Esquivel
- [ ] **State Water Resources Control Board**
  Regional Programs Unit
  Division of Financial Assistance
- [ ] **State Water Resources Control Board**
  Cindy Forbes – Asst Deputy
  Division of Drinking Water
- [ ] **State Water Resources Control Board**
  Div. Drinking Water #_____
- [ ] **State Water Resources Control Board**
  Student Intern, 401 Water Quality Certification Unit
  Division of Water Quality
- [ ] **State Water Resouces Control Board**
  Phil Crader
  Division of Water Rights
- [ ] **Dept. of Toxic Substances Control Reg. #_____**
  CEQA Tracking Center
- [ ] **Department of Pesticide Regulation**
  CEQA Coordinator

Regional Water Quality Control Board (RWQCB)

- [ ] **RWQCB 1**
  Cathleen Hudson
  North Coast Region (1)
- [ ] **RWQCB 2**
  Environmental Document Coordinator
  San Francisco Bay Region (2)
- [ ] **RWQCB 3**
  Central Coast Region (3)
- [ ] **RWQCB 4**
  Teresa Rodgers
  Los Angeles Region (4)
- [x] **RWQCB 5S**
  Central Valley Region (5)
  - [ ] **RWQCB 5F**
    Central Valley Region (5)
    Fresno Branch Office
  - [ ] **RWQCB 5R**
    Central Valley Region (5)
    Redding Branch Office
- [ ] **RWQCB 6**
  Lahontan Region (6)
  - [ ] **RWQCB 6V**
    Lahontan Region (6)
    Victorville Branch Office
- [ ] **RWQCB 7**
  Colorado River Basin Region (7)
- [ ] **RWQCB 8**
  Santa Ana Region (8)
- [ ] **RWQCB 9**
  San Diego Region (9)

- [ ] **Other** _____
  _____
  _____
- [ ] _____
  Conservancy

Last Updated 5/22/18

DELTA PROTECTION COMMISSION
2101 Stone Blvd., Suite 240
West Sacramento, CA 95691
(916) 375-4800 / FAX (916) 376-3962
www.delta.ca.gov

Oscar Villegas, Chair
Yolo County Board of Supervisors

Don Nottoli, Vice Chair
Sacramento County Board of Supervisors

Chuck Winn
San Joaquin County Board of Supervisors

Diane Burgis
Contra Costa County Board of Supervisors

Skip Thomson
Solano County Board of Supervisors

Ronald Kott
Cities of Contra Costa and Solano Counties

Christopher Cabaldon
Cities of Sacramento and Yolo Counties

Alan Nakanishi
Cities of San Joaquin County

George Biagi, Jr.
Central Delta Reclamation Districts

Justin van Loben Sels
North Delta Reclamation Districts

Nick Mussi
South Delta Reclamation Districts

David Kim
CA State Transportation Agency

Karen Ross
CA Department of Food and Agriculture

Wade Crowfoot
CA Natural Resources Agency

Brian Bugsch
CA State Lands Commission

Ex Officio Members

Honorable Susan Talamantes Eggman
California State Assembly

Honorable Cathleen Galgiani
California State Senate

May 29, 2019

Renée DeVere-Oki
Sacramento Area Council of Governments
1415 L Street, Suite 300
Sacramento, CA 95814

Re: 2020 Metropolitan Transportation Plan/Sustainable Communities Strategy Environmental Impact Report Notice of Preparation (SCH# 2019049139)

Dear Ms. DeVere-Oki:

Thank you for providing the Delta Protection Commission (Commission) the opportunity to review the Notice of Preparation of a Draft Environmental Impact Report (EIR) for the 2020 Metropolitan Transportation Plan/Sustainable Communities Strategy (MTP/SCS). The MTP/SCS is a long-range, integrated land use and transportation strategy for the Sacramento Area Council of Governments (SACOG) region.

The Commission is a State agency charged with ensuring orderly, balanced conservation and development of Delta land resources and improved flood protection. Proposed local government projects within the Primary Zone of the Legal Delta must be consistent with the Commission's Land Use and Resource Management Plan (LURMP). Portions of Sacramento and Yolo counties are in the Primary Zone. For those portions of Sacramento and Yolo counties that are in the Secondary Zone and outside of the Legal Delta, we submit comments under Public Resource Code Sections 29770(d) and 5852-5855 (The Great California Delta Trail Act). These sections state that the Commission may comment on projects in the Secondary Zone that impact the Primary Zone and direct the Commission to develop and adopt a plan and implementation program for a continuous regional recreational corridor extending throughout the five Delta counties linking to the San Francisco Bay Trail and Sacramento River Trail.

We encourage the Project EIR to consider the LURMP and its policies when assessing the MTP/SCS's consistency with applicable land use plans, policies, and regulations and to discuss the Delta Trail in the recreation and transportation setting sections. The Commission is currently preparing the Great California Delta Trail Blueprint Report for Sacramento, San Joaquin, and Yolo counties and will soon begin work on the Delta Trail Master Plan.

Thank you for the opportunity to provide input. Please contact Blake Roberts, Senior Environmental Planner, at (916) 375-4237 for any questions regarding the comments provided.

Sincerely,

Erik Vink
Executive Director

cc: Oscar Villegas, Yolo County Board of Supervisors and Commission Chair
Don Nottoli, Sacramento County Board of Supervisors and Commission Vice Chair
Christopher Cabaldon, City of West Sacramento Mayor and Commission Member

DELTA STEWARDSHIP COUNCIL
A California State Agency

980 NINTH STREET, SUITE 1500
SACRAMENTO, CALIFORNIA 95814
HTTP://DELTACOUNCIL.CA.GOV
(916) 445-5511

Chair
Susan Tatayon

Members
Frank C. Damrell, Jr.
Randy Fiorini
Michael Gatto
Maria Mehranian
Oscar Villegas
Ken Weinberg

Executive Officer
Jessica R. Pearson

June 21, 2019

Renee De Vere-Oki
Sacramento Area Council of Governments
1415 L Street, Suite 300
Sacramento, CA 95814

Via email: eircomments@sacog.org

RE: Comments on Notice of Preparation of an Environmental Impact Report and Scoping Meeting for the 2020 MTP/SCS, SCH #2019049139

Dear Ms. De Vere-Oki:

Thank you for the opportunity to review and comment on the Sacramento Area Council of Governments' (**SACOG**) Notice of Preparation (NOP) of an Environmental Impact Report (EIR) for the 2020 Metropolitan Transportation Plan and Sustainable Communities Strategy (**2020 MTP/SCS**). The Delta Stewardship Council (Council) recognizes **SACOG**'s objective to prepare a regional transportation plan that links land use, air quality, and transportation needs to meet federal and state air quality standards. This letter provides the requirements of the Sacramento-San Joaquin Delta Reform Act of 2009 (Delta Reform Act), the Council's enabling statute, pertaining to the 2020 MTP/SCS, as well as the Council's comments on the NOP regarding the scope and content of the EIR for the MTP/SCS.

The Council is an independent state agency established by the Delta Reform Act, which is codified in Division 35 of the California Water Code, Sections 85000-85350. The Reform Act charges the Council with furthering California's coequal goals of providing a more reliable water supply for California and protecting, restoring, and enhancing the Sacramento-San Joaquin River Delta (Delta) ecosystem, to be achieved in a manner that protects and enhances the unique cultural, recreational, natural resource, and agricultural values of the Delta as an evolving place. (Cal. Water Code § 85054.) Pursuant to the Delta Reform Act, the Council has adopted the Delta Plan, a legally enforceable management framework for the Delta and Suisun Marsh for achieving the coequal goals. (Cal. Water Code § 85001(c).)

A. Delta Reform Act Requirements concerning Local and Regional Planning Agencies

1. Early Consultation

The Delta Reform Act grants the Council specific authority to review and advise local and regional planning agencies regarding the consistency of local and regional planning documents, including sustainable communities' strategies and alternative planning strategies, with the Delta Plan. The Delta Plan requires a metropolitan planning organization preparing a regional transportation plan that includes land within the Delta primary or secondary zones to consult with the Council early in the planning process regarding the issues and policy choices relating to the Council's advice. (Cal. Water Code § 85212 (Section 85212)).

Thank you for meeting with Council staff on January 15 and April 2, 2019 to describe the growth forecast and preferred scenario framework that will form the basis of the 2020 MTP/SCS. This early engagement will enable the Council to offer timely advice on the consistency of the 2020 MTP/SCS with the Delta Plan. The Council looks forward to continued consultations with SACOG as the preparation of the draft EIR and 2020 MTP/SCS process continues.

2. Council's Review of the Draft Sustainable Communities Strategy

SACOG's 2020 MTP/SCS is a regional transportation plan and sustainable community strategy that includes land within the Delta. In addition to early consultation (described above), Section 85212 requires SACOG to provide to the Council:

- a draft sustainable communities strategy and an alternative planning strategy, if any, **no later than 60 days prior to the adoption of the final 2020 MTP/SCS**; and

- **concurrent** notice of its submission of the strategy(ies) via electronic mail to coveredactions@deltacouncil.ca.gov.

If the Council concludes that the submitted draft sustainable communities strategy (or alternative planning strategy) is inconsistent with the Delta Plan, it will provide to SACOG a written notice of the claimed inconsistency **no later than 30 days prior to the adoption of the final MTP/SCS**. If SACOG receives a timely written notice of inconsistency from the Council, SACOG's adoption of the final MTP/SCS must include a detailed response to the Council's notice. (Cal. Water Code § 85212).

Please notify the Council via electronic mail when the adoption hearing for the final MTP/SCS is scheduled to Harriet Ross (harriet.ross@deltacouncil.ca.gov).

B. Comment on Scope and Content of EIR for 2020 MTP/SCS

1. Urban Expansion within the Delta

The Council exercises its authority through regulatory policies (set forth in Title 23 of the California Code of Regulations, Sections 5001 through 5016) and recommendations incorporated into the Delta Plan. One of these policies, Delta Plan Policy **DP P1** (23 *Cal. Code Regs.* § 5010) places certain limits on new urban development within the Delta. New residential, commercial, or industrial development must be limited to areas that city or county general plans designate for such development as of the date of the Delta Plan's adoption. This policy is intended to strengthen existing Delta communities while protecting farmland and open space, providing land for ecosystem restoration needs, and reducing flood risk.

State and local agencies are required to demonstrate consistency with this policy, as well as the other regulatory policies contained in the Delta Plan, when carrying out, approving, or funding a covered action. However, the Delta Reform Act exempts actions within the Secondary Zone of the Delta that a metropolitan planning organization determines are consistent with its sustainable community strategy (or alternative planning strategy) and that the State Air Resources Board has determined would achieve regional greenhouse gas emission reduction targets. Such proposed actions are not covered actions regulated by the Council (Cal Water Code § 85057.5(b)(4)). This statute provides SACOG with a significant role in shaping the State's Delta policy in urban areas.

Consequently, the EIR should analyze the 2020 MTP/SCS's impacts on new residential, commercial, and industrial development in the Delta, and particularly, whether it induces new residential, commercial, or industrial development in the Delta Secondary Zone that was not accounted for at the time of the Delta Plan's adoption (May 16, 2013).

The Council also has an interest in recommended transportation projects in the 2020 MTP/SCS that may have an impact on urban expansion, connections with rural areas, or that may otherwise impact the Delta. The EIR should describe what infrastructure beside the recommended transportation projects are necessary to support the strategy or the plans, programs, projects, or activities encompassed within it.

2. Consistency with Ecosystem Restoration Needs

The Delta Plan designates six priority habitat restoration areas that have the greatest potential for large-scale habitat restoration (Delta Plan, Chapter 4, p.136-138). Delta Plan Policy **ER P3** (23 *Cal. Code Regs.* § 5007) states that significant adverse impacts to the opportunity to restore habitat must be avoided or mitigated in these areas (depicted in Appendix 5: http://deltacouncil.ca.gov/sites/default/files/2015/09/Appendix%205.pdf). The EIR should analyze whether the proposed project induces growth in any of the areas that the Delta Plan has designated to meet the Delta's ecosystem restoration needs.

Closing Comments

As SACOG proceeds with development and environmental impact analysis for the 2020 MTP/SCS, we invite you to continue to engage Council staff in early consultation to ensure consistency between the 2020 MTP/SCS and the Delta Plan, to ensure that the two plans are complementary in nature and serve to protect the Delta while promoting sustainable growth and economic vitality in the broader region. Please contact Harriet Ross at (916) 445-5825 or Harriet.Ross@deltacouncil.ca.gov with any questions.

Sincerely,

Jeff Henderson, AICP
Deputy Executive Officer
Delta Stewardship Council

CC: Clint Holtzen, Jennifer Hargrove, Lynnea Ormiston

CALIFORNIA
Water Boards

GAVIN NEWSOM
GOVERNOR

JARED BLUMENFELD
SECRETARY FOR
ENVIRONMENTAL PROTECTION

Central Valley Regional Water Quality Control Board

17 May 2019

Renee DeVere-Oki
Sacramento Area Council of Governments
1415 L Street, Suite 300
Sacramento, CA 95814

CERTIFIED MAIL
7017 2620 0001 1359 2226

COMMENTS TO REQUEST FOR REVIEW FOR THE NOTICE OF PREPARATION FOR THE DRAFT ENVIRONMENTAL IMPACT REPORT, 2020 METROPOLITAN TRANSPORTATION PLAN/SUSTAINABLE COMMUNITIES STRATEGY (MTP/SCS) PROJECT, SCH#2019049139, YOLO, SUTTER, YUBA, EL DORADO, PLACER, AND SACRAMENTO COUNTIES

Pursuant to the State Clearinghouse's 25 April 2019 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 2020 Metropolitan Transportation Plan/Sustainable Communities Strategy (MTP/SCS) Project, located in Yolo, Sutter, Yuba, El Dorado, Placer, and Sacramento Counties.

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/

Antidegradation Considerations

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 Activities (Construction General Permit), Construction General Permit Order No. 2009-009-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

---

[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.

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 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/

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 Risk General Order) 2003-0003 or the Central Valley Water Board's Waiver of Report of Waste Discharge and Waste Discharge Requirements (Low Risk Waiver) R5-2013-0145. 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 Risk 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 Risk Waiver and the application process, visit the Central Valley Water Board website at: http://www.waterboards.ca.gov/centralvalley/board_decisions/adopted_orders/waivers/r5-2013-0145_res.pdf

Regulatory Compliance for Commercially Irrigated Agriculture

If the property will be used for commercial irrigated agricultural, the discharger will be required to obtain regulatory coverage under the Irrigated Lands Regulatory Program.
There are two options to comply:

1. **Obtain Coverage Under a Coalition Group.** Join the local Coalition Group that supports land owners with the implementation of the Irrigated Lands Regulatory Program. The Coalition Group conducts water quality monitoring and reporting to the Central Valley Water Board on behalf of its growers. The Coalition Groups charge an annual membership fee, which varies by Coalition Group. To find the Coalition Group in your area, visit the Central Valley Water Board's website at:

https://www.waterboards.ca.gov/centralvalley/water_issues/irrigated_lands/regulatory_information/for_growers/coalition_groups/ or contact water board staff at (916) 464-4611 or via email at IrrLands@waterboards.ca.gov.

2. **Obtain Coverage Under the General Waste Discharge Requirements for Individual Growers, General Order R5-2013-0100**. Dischargers not participating in a third-party group (Coalition) are regulated individually. Depending on the specific site conditions, growers may be required to monitor runoff from their property, install monitoring wells, and submit a notice of intent, farm plan, and other action plans regarding their actions to comply with their General Order. Yearly costs would include State administrative fees (for example, annual fees for farm sizes from 11-100 acres are currently $1,277 + $8.53/Acre); the cost to prepare annual monitoring reports; and water quality monitoring costs. To enroll as an Individual Discharger under the Irrigated Lands Regulatory Program, call the Central Valley Water Board phone line at (916) 464-4611 or e-mail board staff at IrrLands@waterboards.ca.gov.

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) 464-4812 or Jordan.Hensley@waterboards.ca.gov.

Jordan Hensley
Environmental Scientist

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

ECOS
ENVIRONMENTAL
COUNCIL
OF SACRAMENTO

Post Office Box 1526 • Sacramento, CA • 95812 • (916) 444-0022

May 25, 2019

Honorable Members of the SACOG Board of Directors
Executive Director James Corless
1415 L Street, Suite 300
Sacramento, CA 95814

Via e-mail to eircomments@sacog.org

Re: Comments on scope and content of the environmental impact assessment for the Draft Environmental Impact Report (DEIR) for the 2020 Metropolitan Transportation Plan/ Sustainable Communities Strategy (MTP/SCS) for the Sacramento Region

Dear SACOG board members and Mr. Corless:

These comments are submitted on behalf of the Environmental Council of Sacramento (ECOS) and Habitat 2020, which are coalitions of organizations working for social equity, public health and environmental sustainability in the Sacramento region, through land use planning, transportation planning, and habitat and agricultural preservation. Member organizations include: 350 Sacramento, Breathe California Sacramento Region, Citizens Climate Lobby Sacramento Chapter, International Dark-Sky Association, Los Rios College Federation of Teachers, Mutual Housing California, Physicians for Social Responsibility Sacramento Chapter, Sacramento Housing Alliance, Sacramento Natural Foods Co-op, Sacramento Vegetarian Society, Service Employees International Union Local 1000 Environmental Committee, Sacramento Environmental Democrats, Resources for Independent Living, Sacramento Electric Vehicle Association, California Native Plant Society Sacramento Valley Chapter, Sacramento Vegetarian Society, Friends of Stone Lakes National Wildlife Refuge, Friends of Swainson's Hawk, Sacramento Area Creeks Council, Sacramento Audubon Society, Save Our Sandhill Cranes, Save the American River Association, and Sierra Club Sacramento Group.

SCS implementation can create a path to healthy, socially equitable, economically thriving, and environmentally sustainable communities. ECOS believes that implementation of the Draft 2020 MTP/SCS will provide more equitable choices for housing and transportation, better protection of biodiversity and agricultural resources, and a reduction of vehicle miles traveled (VMT) to help achieve the greenhouse gas (GHG) reduction target for the SACOG region. However, ECOS notes disparities between SACOG's MTP/SCS and the adopted growth plans of the region's individual jurisdictions. Many of the jurisdictions in the region appear unwilling to implement the strategies proposed by SACOG. ECOS asks SACOG to find ways to motivate the 28 jurisdictions to commit to implementation of the MTP/SCS.

ECOS favors complete streets to provide the best bicycle and pedestrian access that can be funded, especially safe routes to schools. Therefore, ECOS urges SACOG to increase the funding proposed for active transportation projects. SACOG's Travel Demand Forecast Modeling allows for more accurate forecasting based on activities and series of trips. This model allows for equity and environmental justice analysis as well as smart growth analysis. SACOG should continue to share this tool to help local jurisdictions evaluate their plans and development projects to determine the best smart growth scenarios to be utilized in the 2020 update.

Progress in development of a sophisticated phasing and cost-benefit analysis protocol for review of projects is a significant achievement that SACOG should continue to use in the 2020 Update. ECOS applauds SACOG board members and their respective jurisdictions that participated in negotiations to identify, delay, or cut poorly performing projects to bring the plan into conformity with the GHG reduction targets. ECOS appreciates that SACOG staff is providing the capability to make these negotiations possible; this should help with successful MTP/SCS implementation.

SACOG's Rural Urban Connections Strategy (RUCS) provides valuable analysis of the complex dynamics of our agricultural economy and operations, and should help improve the region's rural communities. Continued development and inclusion of SACOG's climate adaptation analysis is a significant step toward anticipating the challenges posed to our infrastructure. This analysis should serve as a model for our jurisdictions in planning for community resilience to changing climatic conditions. SACOG should encourage local jurisdictions to make their Climate Action Plans congruent.

ECOS commends two achievements and progress in the 2020 MTP/SCS: (1) substantial projected increases in transit service, ridership and access; and (2) improved access to transit in disadvantaged communities. However, SACOG's Draft Preferred Scenario Transportation Project List allocates more funds for increased roadway capacity as opposed to roadway rehabilitation. SACOG should continue the "fix-it-first" initiative to allocate more funding towards road maintenance as opposed to new road construction. Furthermore, SACOG should specify criteria used for mitigation, considering the induced demand resulting from increased roadway capacity. Also, SACOG should revise its Project List to provide additional funds for active transportation.

ECOS commends SACOG for development of a plan that attempts to meet State GHG reduction goals in the transportation/land-use sector. SACOG proposes a growth scenario that projects VMT reduction performance through land use and transportation behavior change. Considering the political and fiscal realities within which SACOG operates, and given the general plans of local jurisdictions, ECOS understands that the preferred scenario SACOG has put forth in the 2020 Update is a compromise between what should be done and what the jurisdictions are actually likely to do to meet regional goals and the SB 375 reduction target.

Given political realities within the region, ECOS fears the compromise that the MTP/SCS preferred scenario presents will not be achievable. Land use alternative scenarios 1 and 3 of the 2020 MTP/SCS provide a reasonable analysis of what could "feasibly" be altered from scenario 2, but they do not adequately represent the full range of possibilities for the region. The performance outcomes for Scenario 3 show the greatest long-term positive

returns for the region, in terms of access to jobs, economic growth, enhanced equity, improved public safety, improved public health, preservation of agriculture and biodiversity, and air quality. However, if costly scenarios are deemed fiscally/politically infeasible, due to the projected high rate of transit fare box recovery, they may not be realistic. Political will is needed to make different choices about how we assemble and invest public resources to achieve regional goals.

ECOS asks for a VMT/GHG performance comparison between the preferred scenario and a "business-as-usual" scenario, that fully represents the currently adopted growth plans of the region's cumulative general plans. ECOS also asks how VMT/GHG performance could be achieved by a land use scenario in which twenty-year growth was constrained solely to existing "Established Communities" (no sprawl development) with the same fiscal constraints as in the current preferred scenario. These alternative analyses could provide reference points to guide decision making in the region. ECOS notes that the existing urbanized area of the Sacramento region has much lower density than is needed to achieve needed GHG reductions. Given the tremendous capacity for growth in existing urban areas, an all-infill scenario should be developed. ECOS is concerned that jurisdictional growth is not currently proceeding in a direction that will make it possible to meaningfully implement this strategy (note recent efforts to add Spheres of Influence).

While market analyses in Sacramento demonstrate the growing demand for infill and transit-oriented development (TOD) with more small lot and attached housing options, current and planned development in the Sacramento region is focused on peripheral, automobile-oriented, greenfield development. Too much planned development is outside of the SCS footprint, such as major potential expansion areas that are being pursued, including proposals such as Cordova Hills, the Natomas Vision, and continued applications to expand the Sphere of Influence of the City of Elk Grove. All three of these proposals are out of the SCS footprint for Developing Communities, and the latter two would require substantial expansions of Sacramento County's Urban Services Boundary (USB). The USB, adopted in 1993, was envisioned as the ultimate permanent growth boundary for the County. Further, these peripheral pressures continue while major infill proposals are not capitalizing on their potential. For example, the Sacramento Railyards (one of the largest contiguous infill opportunities in the nation) proposes to halve previously planned residential capacity. ECOS expects that regional population and housing numbers in twenty years will be closer to SACOG's projections than to the aggregate general plans of the individual jurisdictions. Projected reductions in VMT, and GHG emissions, cannot be achieved with current regional development trends, and with build-out of general plans in regional jurisdictions.

The region is only a few peripheral projects away from making the proposed plan impossible to implement. The transportation plan proposed by the 2020 MTP/SCS Update to meet emission reductions relies on significantly increased residential densities. By 2036, the SACOG strategy projects very ambitious and commendable increases in transit system expansion, access, and service. However, this system can only be built if jurisdictions commit to constrain their growth patterns to meet these densities. These major transit improvements proposed in the later years of the plan, without significant additional funding from new sources, will necessarily rely on the land use density increases proposed in the plan to obtain the ridership and fare box recovery needed to justify and sustain the system. Peripheral low-density greenfield growth threatens the regional plan in these ways: 1) It

directly increases VMT and GHG emissions; 2) regional government must then allocate funding to more roads to service those communities, further limiting funding that could be used for transit; and 3) peripheral growth inhibits the ability to achieve the density needed to provide the ridership and fare recovery to maintain the transit system.

Sacramento area transit has higher fares than elsewhere in the state. To avoid exclusion of low-income residents, increases in fare box recovery must focus on increased ridership. However, the region is not on track to achieve the densities required to make this kind of ridership a reality. Even if the required densities were achieved, such a dramatic increase in service cannot be maintained without new sources of funding, or further allocation of existing funds, for transit maintenance and operations. Significantly more funding will be required for transit operations earlier in the plan to realize these goals. It is imperative to allocate a greater proportion of funding to transit earlier in the plan for three reasons: 1) to combat peripheral growth pressures by capacitating and stimulating transit-oriented infill development to induce change in the housing market and travel behaviors; 2) for the transit system to have the capacity to handle higher density when it comes, before it comes, or at least concurrently (if housing and commercial growth occurs before the improved transit service, then that growth will be car-oriented, after which, travel behavior is less likely to change); and 3) to ensure that disadvantaged communities retain increased access to needed transit regardless of how growth eventually occurs.

ECOS recognizes that the implementation challenges of the 2020 Update are not entirely within SACOG's control. Local, state and federal actions must be taken to find new sources of funding for public transit operations. Without new sources of transit funding, SACOG would need to substantially reallocate existing funding from road construction to realize the 2036 transportation system as envisioned in the plan. The current growth patterns of the region inhibit the ability of SACOG to make such a reallocation responsibly. Without higher densities, the amount of new transit funding sources needed to fill the void left by a lack of ridership is unlikely to materialize. For the region to realize the proposed 2036 transportation plan, with many resulting co-benefits, the region's jurisdictions must alter their current growth plans and policies to be in alignment with the proposed SCS.

The SACOG board must work collaboratively with the jurisdictions, staff, and regional stakeholders to establish stronger policies and mechanisms to incentivize SCS compliance beyond the CEQA streamlining benefits afforded by SB 375. ECOS suggests an expansion of SACOG's discretionary funding conditioned strictly to SCS compliance. Protocols should be established with the jurisdictions that require demonstration of performance in accordance with SCS goals for funding awards. The metrics to measure this performance include VMT, GHG, and air quality; but should also include costs and benefits to equity, and public and ecological health. SACOG has been a leader in developing innovative tools that inform the decision-making of its jurisdictions. This must continue, and SACOG's analyses, tool development, and guidance should be improved.

SACOG has developed a plan that provides a strategy for the region that approaches the SB 375 GHG reductions targets imposed by the California Air Resources Board. Total VMT is projected to grow significantly with expected population growth in the region; ECOS is pleased to see projected VMT per capita declining in the plan. As VMT is the primary metric by which GHG reductions under SB 375 are measured, SACOG should better illustrate how per capita reduction in VMT translates to per capita GHG emission

reduction. SACOG should also explain what other factors affect GHG calculations. Travel modeling should incorporate presumptions about electric vehicle use, as well as fuel and vehicle efficiency. SACOG should also explain its non-VMT related presumptions, and how these affect the plan's GHG performance.

SACOG's board and the region should act urgently to give SACOG staff the resources to develop this modeling capability. SACOG should use other tools in development, such as the UC Davis Center for Regional Change's Urban Footprint "Equity Module," to further develop and employ in ensuing MTP/SCS updates. These tools will be essential for the region to meet its regional GHG reductions targets, because lower income residents will use transit more if it is available. When lower income households can afford to live in communities served by transit, they drive fewer miles and use transit at a higher rate than higher income households. Currently, lower income groups are poorly served by transit and would use transit in much larger numbers if the fixed-route system were more than the lifeline service offered by the region's transportation agencies. Successful SCS implementation requires an understanding of where low-income residents live (and where they are moving to) to ensure they have increased access to adequate transit service.

Focusing growth towards transit-oriented infill development conflicts with rising property values and preserving affordable housing. This conflict is particularly occurring in Sacramento's urban core, where property values and rental pricing have been rising very rapidly. Necessarily there is a data delay in the MTP/SCS, but ECOS fears that gentrification and displacement is happening in the region's most transit-oriented areas at a rate faster than the data captures. When lower income households are displaced from areas served by transit, they are replaced by higher income households who drive far more miles and own more far more vehicles than lower income households that live within ¼ mile of transit (California Housing Partnership Corporation & TransForm, 2014). Higher income households are less likely to take advantage of available transit services when living in transit-rich neighborhoods.

Unless homes in transit-rich areas are made affordable, the compact housing development patterns and increased transit service detailed in the SCS cannot realize their full potential for VMT reduction, the primary driver of GHG reduction and fare box recovery. SACOG should provide regional analysis and leadership by better tracking trends in displacement and illustrating the repercussions of these trends. However, the greater responsibility lies with the jurisdictions to ensure that the residents and communities that have the most need for housing and transportation options are not excluded from the benefits in health and economy that the SCS could provide. Housing products that tend to be smaller and naturally lower cost are no substitute for affordable housing, particularly in our region's tightening rental market. All jurisdictions must adopt strict mixed-income housing ordinances and anti-displacement measures that ensure the preservation of existing affordable work-force housing and better enforce expansion of affordable housing stock. Further, SACOG should adopt policies that make demonstration of meeting these housing goals a condition for transportation funding.

The progress of the RUCS project provides valuable analysis and tools, particularly for the regional agricultural sector. Progress is also being made in integrating ecosystem service considerations, such as flood control, groundwater recharge, and carbon sequestration, across the plan and environmental analysis. Yet, continued progress is needed. The

acreages of impact are important, but the location of these impacts is also crucial. Mapping the distribution of anticipated impacts in the proposed project would inform how the growth pattern would affect regional level connectivity and ecosystem viability, as well as localized species needs. Such spatial analysis would be an invaluable resource for the region's agencies to integrate consideration of the need for both human and ecological health in planning decisions. SB 375 offers a holistic regulatory paradigm to incorporate broad interests of public health, equity and natural resource conservation into our planning for regional growth. However, although water is the greatest growth-constricting factor, it is not adequately part of this framework for SCS development.

Rapidly declining health of aquatic species populations in the Delta and our rivers, and the unprecedented water conservation measures enacted in the recent drought, indicate that the region is approaching the threshold of water supply capacity to meet municipal and ecological needs. SACOG has attempted to consider the potential impacts of the project to water supply and quality, and has offered worthwhile guidance for mitigation of these potential impacts, without authority to implement these mitigation strategies. While the region's agencies are working to manage our surface and ground water supplies under difficult conditions, a more sophisticated regional coordination of water considerations is needed to responsibly guide our long-range growth pattern. The SCS offers an appropriate vehicle for this coordination, and the region's agencies should continue to work collaboratively with each other and SACOG to provide this capability. Considering impacts to agriculture, biodiversity, ecosystem services, and water in general, SACOG should further develop strategies that would consume fewer acres of wild or agricultural lands, as compared to the acreage consumed in the previous 20 years. ECOS applauds SACOG's progress in development of the 2020 MTP/SCS update, and we call on all of the region's jurisdictions to make the serious changes to their growth patterns and policies that will be necessary to make this SCS a reality. ECOS appreciates the attention that SACOG has provided us in addressing our concerns and suggestions to date.

Respectfully submitted,

Ralph Propper, President
ECOS Board of Directors

NATIVE AMERICAN HERITAGE COMMISSION
Cultural and Environmental Department
1550 Harbor Blvd., Suite 100
West Sacramento, CA 95691 Phone (916) 373-3710
Email: nahc@nahc.ca.gov
Website: http://www.nahc.ca.gov
Twitter: @CA_NAHC

May 17, 2019

Renee De Vere-Oki
Sacramento Area Council of Governments
1415 L Street, Suite 300
Sacramento, CA 95814

RE: SCH# 2019049139 2020 Metropolitan Transportation Plan/Sustainable Communities Strategy (MTP/SCS) EIR, Yolo, Sutter, Yuba, El Dorado, Placer, & Sacramento Counties

Dear Ms.Vere-Oki:

The Native American Heritage Commission (NAHC) has received the Notice of Preparation (NOP), Draft Environmental Impact Report (DEIR) or Early Consultation for the project referenced above. The California Environmental Quality Act (CEQA) (Pub. Resources Code §21000 et seq.), specifically Public Resources Code §21084.1, states that a project that may cause a substantial adverse change in the significance of a historical resource, is a project that may have a significant effect on the environment. (Pub. Resources Code § 21084.1; Cal. Code Regs., tit.14, §15064.5 (b) (CEQA Guidelines §15064.5 (b)). If there is substantial evidence, in light of the whole record before a lead agency, that a project may have a significant effect on the environment, an Environmental Impact Report (EIR) shall be prepared. (Pub. Resources Code §21080 (d); Cal. Code Regs., tit. 14, § 5064 subd.(a)(1) (CEQA Guidelines §15064 (a)(1)). In order to determine whether a project will cause a substantial adverse change in the significance of a historical resource, a lead agency will need to determine whether there are historical resources within the area of potential effect (APE).

CEQA was amended significantly in 2014. Assembly Bill 52 (Gatto, Chapter 532, Statutes of 2014) (AB 52) amended CEQA to create a separate category of cultural resources, "tribal cultural resources" (Pub. Resources Code §21074) and provides that a project with an effect that may cause a substantial adverse change in the significance of a tribal cultural resource is a project that may have a significant effect on the environment. (Pub. Resources Code §21084.2). Public agencies shall, when feasible, avoid damaging effects to any tribal cultural resource. (Pub. Resources Code §21084.3 (a)). **AB 52 applies to any project for which a notice of preparation, a notice of negative declaration, or a mitigated negative declaration is filed on or after July 1, 2015.** If your project involves the adoption of or amendment to a general plan or a specific plan, or the designation or proposed designation of open space, on or after March 1, 2005, it may also be subject to Senate Bill 18 (Burton, Chapter 905, Statutes of 2004) (SB 18). **Both SB 18 and AB 52 have tribal consultation requirements.** If your project is also subject to the federal National Environmental Policy Act (42 U.S.C. § 4321 et seq.) (NEPA), the tribal consultation requirements of Section 106 of the National Historic Preservation Act of 1966 (154 U.S.C. 300101, 36 C.F.R. §800 et seq.) may also apply.

The NAHC recommends consultation with California Native American tribes that are traditionally and culturally affiliated with the geographic area of your proposed project as early as possible in order to avoid inadvertent discoveries of Native American human remains and best protect tribal cultural resources. Below is a brief summary of portions of AB 52 and SB 18 as well as the NAHC's recommendations for conducting cultural resources assessments.

Consult your legal counsel about compliance with AB 52 and SB 18 as well as compliance with any other applicable laws.

AB 52

AB 52 has added to CEQA the additional requirements listed below, along with many other requirements:

1. Fourteen Day Period to Provide Notice of Completion of an Application/Decision to Undertake a Project: Within fourteen (14) days of determining that an application for a project is complete or of a decision by a public agency to undertake a project, a lead agency shall provide formal notification to a designated contact of, or tribal representative of, traditionally and culturally affiliated California Native American tribes that have requested notice, to be accomplished by at least one written notice that includes:
   a. A brief description of the project.
   b. The lead agency contact information.
   c. Notification that the California Native American tribe has 30 days to request consultation. (Pub. Resources Code §21080.3.1 (d)).
   d. A "California Native American tribe" is defined as a Native American tribe located in California that is on the contact list maintained by the NAHC for the purposes of Chapter 905 of Statutes of 2004 (SB 18). (Pub. Resources Code §21073).

2. Begin Consultation Within 30 Days of Receiving a Tribe's Request for Consultation and Before Releasing a Negative Declaration, Mitigated Negative Declaration, or Environmental Impact Report: A lead agency shall begin the consultation process within 30 days of receiving a request for consultation from a California Native American tribe that is traditionally and culturally affiliated with the geographic area of the proposed project. (Pub. Resources Code §21080.3.1, subds. (d) and (e)) and prior to the release of a negative declaration, mitigated negative declaration or Environmental Impact Report. (Pub. Resources Code §21080.3.1(b)).
   a. For purposes of AB 52, "consultation shall have the same meaning as provided in Gov. Code §65352.4 (SB 18). (Pub. Resources Code §21080.3.1 (b)).

3. Mandatory Topics of Consultation If Requested by a Tribe: The following topics of consultation, if a tribe requests to discuss them, are mandatory topics of consultation:
   a. Alternatives to the project.
   b. Recommended mitigation measures.
   c. Significant effects. (Pub. Resources Code §21080.3.2 (a)).

4. Discretionary Topics of Consultation: The following topics are discretionary topics of consultation:
   a. Type of environmental review necessary.
   b. Significance of the tribal cultural resources.
   c. Significance of the project's impacts on tribal cultural resources.
   d. If necessary, project alternatives or appropriate measures for preservation or mitigation that the tribe may recommend to the lead agency. (Pub. Resources Code §21080.3.2 (a)).

5. Confidentiality of Information Submitted by a Tribe During the Environmental Review Process: With some exceptions, any information, including but not limited to, the location, description, and use of tribal cultural resources submitted by a California Native American tribe during the environmental review process shall not be included in the environmental document or otherwise disclosed by the lead agency or any other public agency to the public, consistent with Government Code §6254 (r) and §6254.10. Any information submitted by a California Native American tribe during the consultation or environmental review process shall be published in a confidential appendix to the environmental document unless the tribe that provided the information consents, in writing, to the disclosure of some or all of the information to the public. (Pub. Resources Code §21082.3 (c)(1)).

6. Discussion of Impacts to Tribal Cultural Resources in the Environmental Document: If a project may have a significant impact on a tribal cultural resource, the lead agency's environmental document shall discuss both of the following:
   a. Whether the proposed project has a significant impact on an identified tribal cultural resource.
   b. Whether feasible alternatives or mitigation measures, including those measures that may be agreed to pursuant to Public Resources Code §21082.3, subdivision (a), avoid or substantially lessen the impact on the identified tribal cultural resource. (Pub. Resources Code §21082.3 (b)).

7. Conclusion of Consultation: Consultation with a tribe shall be considered concluded when either of the following occurs:
   a. The parties agree to measures to mitigate or avoid a significant effect, if a significant effect exists, on a tribal cultural resource; or
   b. A party, acting in good faith and after reasonable effort, concludes that mutual agreement cannot be reached. (Pub. Resources Code §21080.3.2 (b)).

8. Recommending Mitigation Measures Agreed Upon in Consultation in the Environmental Document: Any mitigation measures agreed upon in the consultation conducted pursuant to Public Resources Code §21080.3.2 shall be recommended for inclusion in the environmental document and in an adopted mitigation monitoring and reporting program, if determined to avoid or lessen the impact pursuant to Public Resources Code §21082.3, subdivision (b), paragraph 2, and shall be fully enforceable. (Pub. Resources Code §21082.3 (a)).

9. Required Consideration of Feasible Mitigation: If mitigation measures recommended by the staff of the lead agency as a result of the consultation process are not included in the environmental document or if there are no agreed upon mitigation measures at the conclusion of consultation, or if consultation does not occur, and if substantial evidence demonstrates that a project will cause a significant effect to a tribal cultural resource, the lead agency shall consider feasible mitigation pursuant to Public Resources Code §21084.3 (b). (Pub. Resources Code §21082.3 (e)).

10. Examples of Mitigation Measures That, If Feasible, May Be Considered to Avoid or Minimize Significant Adverse Impacts to Tribal Cultural Resources:
    a. Avoidance and preservation of the resources in place, including, but not limited to:
       i. Planning and construction to avoid the resources and protect the cultural and natural context.
       ii. Planning greenspace, parks, or other open space, to incorporate the resources with culturally appropriate protection and management criteria.
    b. Treating the resource with culturally appropriate dignity, taking into account the tribal cultural values and meaning of the resource, including, but not limited to, the following:
       i. Protecting the cultural character and integrity of the resource.
       ii. Protecting the traditional use of the resource.
       iii. Protecting the confidentiality of the resource.
    c. Permanent conservation easements or other interests in real property, with culturally appropriate management criteria for the purposes of preserving or utilizing the resources or places.
    d. Protecting the resource. (Pub. Resource Code §21084.3 (b)).
    e. Please note that a federally recognized California Native American tribe or a non-federally recognized California Native American tribe that is on the contact list maintained by the NAHC to protect a California prehistoric, archaeological, cultural, spiritual, or ceremonial place may acquire and hold conservation easements if the conservation easement is voluntarily conveyed. (Civ. Code §815.3 (c)).
    f. Please note that it is the policy of the state that Native American remains and associated grave artifacts shall be repatriated. (Pub. Resources Code §5097.991).

11. Prerequisites for Certifying an Environmental Impact Report or Adopting a Mitigated Negative Declaration or Negative Declaration with a Significant Impact on an Identified Tribal Cultural Resource: An Environmental Impact Report may not be certified, nor may a mitigated negative declaration or a negative declaration be adopted unless one of the following occurs:
    a. The consultation process between the tribes and the lead agency has occurred as provided in Public Resources Code §21080.3.1 and §21080.3.2 and concluded pursuant to Public Resources Code §21080.3.2.
    b. The tribe that requested consultation failed to provide comments to the lead agency or otherwise failed to engage in the consultation process.
    c. The lead agency provided notice of the project to the tribe in compliance with Public Resources Code §21080.3.1 (d) and the tribe failed to request consultation within 30 days. (Pub. Resources Code §21082.3 (d)).

The NAHC's PowerPoint presentation titled, "Tribal Consultation Under AB 52: Requirements and Best Practices" may be found online at: http://nahc.ca.gov/wp-content/uploads/2015/10/AB52TribalConsultation_CalEPAPDF.pdf

SB 18

SB 18 applies to local governments and requires local governments to contact, provide notice to, refer plans to, and consult with tribes prior to the adoption or amendment of a general plan or a specific plan, or the designation of open space. (Gov. Code §65352.3). Local governments should consult the Governor's Office of Planning and Research's "Tribal Consultation Guidelines," which can be found online at: https://www.opr.ca.gov/docs/09_14_05_Updated_Guidelines_922.pdf

Some of SB 18's provisions include:

1. Tribal Consultation: If a local government considers a proposal to adopt or amend a general plan or a specific plan, or to designate open space it is required to contact the appropriate tribes identified by the NAHC by requesting a "Tribal Consultation List." If a tribe, once contacted, requests consultation the local government must consult with the tribe on the plan proposal. **A tribe has 90 days from the date of receipt of notification to request consultation unless a shorter timeframe has been agreed to by the tribe.** (Gov. Code §65352.3 (a)(2)).
2. No Statutory Time Limit on SB 18 Tribal Consultation. There is no statutory time limit on SB 18 tribal consultation.
3. Confidentiality: Consistent with the guidelines developed and adopted by the Office of Planning and Research pursuant to Gov. Code §65040.2, the city or county shall protect the confidentiality of the information concerning the specific identity, location, character, and use of places, features and objects described in Public Resources Code §5097.9 and §5097.993 that are within the city's or county's jurisdiction. (Gov. Code §65352.3 (b)).
4. Conclusion of SB 18 Tribal Consultation: Consultation should be concluded at the point in which:
    a. The parties to the consultation come to a mutual agreement concerning the appropriate measures for preservation or mitigation; or
    b. Either the local government or the tribe, acting in good faith and after reasonable effort, concludes that mutual agreement cannot be reached concerning the appropriate measures of preservation or mitigation. (Tribal Consultation Guidelines, Governor's Office of Planning and Research (2005) at p. 18).

Agencies should be aware that neither AB 52 nor SB 18 precludes agencies from initiating tribal consultation with tribes that are traditionally and culturally affiliated with their jurisdictions before the timeframes provided in AB 52 and SB 18. For that reason, we urge you to continue to request Native American Tribal Contact Lists and "Sacred Lands File" searches from the NAHC. The request forms can be found online at: http://nahc.ca.gov/resources/forms/

NAHC Recommendations for Cultural Resources Assessments

To adequately assess the existence and significance of tribal cultural resources and plan for avoidance, preservation in place, or barring both, mitigation of project-related impacts to tribal cultural resources, the NAHC recommends the following actions:

1. Contact the appropriate regional California Historical Research Information System (CHRIS) Center (http://ohp.parks.ca.gov/?page_id=1068) for an archaeological records search. The records search will determine:
    a. If part or all of the APE has been previously surveyed for cultural resources.
    b. If any known cultural resources have already been recorded on or adjacent to the APE.
    c. If the probability is low, moderate, or high that cultural resources are located in the APE.
    d. If a survey is required to determine whether previously unrecorded cultural resources are present.

2. If an archaeological inventory survey is required, the final stage is the preparation of a professional report detailing the findings and recommendations of the records search and field survey.
    a. The final report containing site forms, site significance, and mitigation measures should be submitted immediately to the planning department. All information regarding site locations, Native American human remains, and associated funerary objects should be in a separate confidential addendum and not be made available for public disclosure.
    b. The final written report should be submitted within 3 months after work has been completed to the appropriate regional CHRIS center.

3. Contact the NAHC for:
   a. A Sacred Lands File search. Remember that tribes do not always record their sacred sites in the Sacred Lands File, nor are they required to do so. A Sacred Lands File search is not a substitute for consultation with tribes that are traditionally and culturally affiliated with the geographic area of the project's APE.
   b. A Native American Tribal Consultation List of appropriate tribes for consultation concerning the project site and to assist in planning for avoidance, preservation in place, or, failing both, mitigation measures.

4. Remember that the lack of surface evidence of archaeological resources (including tribal cultural resources) does not preclude their subsurface existence.
   a. Lead agencies should include in their mitigation and monitoring reporting program plan provisions for the identification and evaluation of inadvertently discovered archaeological resources per Cal. Code Regs., tit. 14, §15064.5(f) (CEQA Guidelines §15064.5(f)). In areas of identified archaeological sensitivity, a certified archaeologist and a culturally affiliated Native American with knowledge of cultural resources should monitor all ground-disturbing activities.
   b. Lead agencies should include in their mitigation and monitoring reporting program plans provisions for the disposition of recovered cultural items that are not burial associated in consultation with culturally affiliated Native Americans.
   c. Lead agencies should include in their mitigation and monitoring reporting program plans provisions for the treatment and disposition of inadvertently discovered Native American human remains. Health and Safety Code §7050.5, Public Resources Code §5097.98, and Cal. Code Regs., tit. 14, §15064.5, subdivisions (d) and (e) (CEQA Guidelines §15064.5, subds. (d) and (e)) address the processes to be followed in the event of an inadvertent discovery of any Native American human remains and associated grave goods in a location other than a dedicated cemetery.

If you have any questions or need additional information, please contact me at my email address: Katy.Sanchez@nahc.ca.gov.

Sincerely,

for Katy Sanchez
Associate Environmental Planner

cc: State Clearinghouse

SACRAMENTO METROPOLITAN
AIR QUALITY
MANAGEMENT DISTRICT

May 25, 2019

SENT VIA EMAIL

Renee DeVere-Oki, Senior Analyst
Sacramento Area Council of Governments
1415 L Street, Suite 300, Sacramento, CA 95814

RE: Notice of Preparation for the Environmental Impact Report for the Sacramento Region 2020 Metropolitan Transportation Plan / Sustainable Communities Strategy Update

Dear Ms. DeVere-Oki:

The Sacramento Metropolitan Air Quality Management District (SMAQMD) thanks the Sacramento Area Council of Governments (SACOG) for the opportunity to evaluate the Notice of Preparation (NOP) for the Environmental Impact Report (EIR) for the Sacramento region's 2020 Metropolitan Transportation Plan / Sustainable Communities Strategy (MTP / SCS) Update. We have reviewed the project in a manner consistent with the California Health and Safety Code Section 40961 requirement that the District "represent all the citizens of the Sacramento District in influencing the decisions of other public and private agencies whose actions may have an adverse impact on air quality." We offer the following comments.

Induced Vehicle Miles Traveled

The transportation analysis in the EIR should address all vehicle miles traveled (VMT) impacts, including impacts from induced VMT, which occurs when the addition of roadway capacity induces VMT by changing travel behavior such as trip length and mode use.[1,2] In discussion draft project lists presented to date, almost 30% of expenditures were for road and highway capacity projects, and any associated induced VMT may affect the Sacramento region's ability to meet California Air Resources Board (CARB) targets for VMT emissions reductions, to achieve climate and air quality goals and standards.

These impacts should be properly measured, disclosed and mitigated, consistent with the most current state guidance on assessing VMT in environmental review. The California Governor's Office of Planning and Research (OPR) December 2018 Technical Advisory on Evaluating

[1] Handy, S. (2015). *Increasing Highway Capacity Unlikely to Relieve Traffic Congestion.* National Center for Sustainable Transportation Policy Brief. http://www.dot.ca.gov/research/researchreports/reports/2015/10-12-2015-NCST_Brief_InducedTravel_CS6_v3.pdf.

[2] Handy, S. and Boarnet, M. (2014). *Impact of Highway Capacity and Induced Travel on Passenger Vehicle Use and Greenhouse Gas Emissions.* California Air Resources Board Policy Brief. https://www.arb.ca.gov/cc/sb375/policies/hwycapacity/highway_capacity_brief.pdf.

Transportation Impacts in CEQA provides guidance on assessing VMT, including induced VMT, and mitigating impacts.

We recommend discussing, identifying and quantifying potential mitigation measures for induced VMT so that if individual projects are later determined to induce VMT, feasible options will be readily available during project-level analysis. Such measures would support CARB targets for VMT reductions, such as those called for by SB 375. Such measures could include funding active transportation projects such as in corridor system management plans, congestion pricing, additional transit, implementing corridor system management plans, and funding transportation demand management.

Managed Lanes
In assessing VMT reductions associated from managed lane projects, any managed lane project should include study of an alternative using a configuration of at least two lanes in the same direction. Previous studies in the region have assessed High-Occupancy Toll (HOT) lanes with only one lane. Efficiency is maximized where there are at least two lanes in the same direction.[3]

Construction
SACOG should recommend that all projects in the MTP / SCS comply with SMAQMD thresholds and mitigation, as applicable. While construction emissions on an individual project may have a limited duration, the construction sector represents an on-going cumulative source of emissions in the air basin. Implementing SMAQMD's standard mitigation measures can achieve emission reductions that are an integral part of our compliance with the California Clean Air Act. Caltrans does not use SMAQMD thresholds and mitigations, although OPR recommends that lead agencies "harmonize thresholds with those of other agencies to the extent possible, particularly the technical thresholds of regulatory agencies such as an air quality management district …"[4]

Toxics
The EIR should assess and disclose potential health impacts from MTP projects and programs that could increase exposure to toxic motor vehicle and locomotive emissions. In particular, the EIR should assess the health effects of diesel particulate matter generated from high volume roadways, locomotive railways and the construction of transportation projects.

We recommend that SACOG encourage its member jurisdictions to use existing guidance to assess and reduce toxic impacts from MTP projects. This includes CARB's 2017 Strategies to Reduce Air Pollution Exposure Near High-Volume Roadways, and within Sacramento County, the Mobile Sources Air Toxics Protocol.

Finally, we recommend that the EIR, or related documents, address health impacts from MTP projects and programs region-wide, instead of simply on a project-by-project basis. One approach

---

[3] Federal Highway Administration (2011). "Managed Lane Chapter for the Freeway Management and Operations Handbook," Section 8.2.2. https://ops.fhwa.dot.gov/freewaymgmt/publications/frwy_mgmt_handbook/revision/jan2011/mgdlaneschp8/sec8.htm.

[4] State of California Governor's Office of Planning and Research (1994). "Thresholds of Significance: Criteria for Defining Environmental Significance," *CEQA Technical Advice Series*.

would be a plan for regional greening near highways, to reduce exposure for nearby sensitive populations.

Ample guidance exists to create such a plan. In July 2016, the United States Environmental Protection Agency released Recommendations for Constructing Roadside Vegetation Barriers to Improve Near-Road Air Quality, summarizing the current research findings and best practices. SMAQMD in turn released Landscaping Guidance for Improving Air Quality near Roadways, which focuses on the Sacramento region and aims to translate information from the EPA Recommendations for use by the region's land use planners and developers.

Friant Ranch
Analysis must include a discussion of the California Supreme Court's holdings in Sierra Club v. County of Fresno (2018) regarding the Friant Ranch Specific Plan in Fresno County. The Court held, among other holdings, that an EIR must show reasonable effort to substantively connect a project's air quality impacts to likely health consequences.

Conclusion
Thank you for your attention to our comments. If you have questions about them, please contact SMAQMD staff member Molly Wright at mwright@airquality.org or 916-874-4207.

Sincerely,

Paul Philley, AICP
Program Supervisor, CEQA & Land Use Section
Sacramento Metropolitan Air Quality Management District

SMUD®

Sent Via E-Mail

May 28, 2019

Renee De Vere-Oki
Sacramento Area Council of Governments
1415 L Street, Suite 300
Sacramento, CA 95814
rdevere-oki@sacog.org

Subject: / NOP / 2020 Metropolitan Transportation Plan/Sustainable Communities Strategy

Dear Ms. De Vere-Oki,

The Sacramento Municipal Utility District (SMUD) appreciates the opportunity to provide comments on the Notice of Preparation (NOP) for the 2020 Metropolitan Transportation Plan/Sustainable Communities Strategy (MTP/SCS) . SMUD is the primary energy provider for Sacramento County and the proposed Project area. SMUD's vision is to empower our customers with solutions and options that increase energy efficiency, protect the environment, reduce global warming, and lower the cost to serve our region. As a Responsible Agency, SMUD aims to ensure that the proposed Project limits the potential for significant environmental effects on SMUD facilities, employees, and customers.

SMUD facilities and infrastructure are a common presence along major transportation corridors throughout the Notice of Preparation (NOP) area, including most major roads, interstates and other transportation mediums. Consequently, SMUD has numerous facilities that may border, cross or potentially conflict with any major planned transportation project. These facilities and infrastructure include (but are not limited to):

- Overhead poles of varying voltages (up to 230 kV).
- Underground lines of varying voltages (up to 230 kV).
- Underground gas pipelines.
- Pad-mounted equipment of varying voltages (up to 21 kV).
- Substations of varying voltages and size.

Impacts will depend on the scope and scale of any potential conflict.

It is our desire that the Project NOP will acknowledge any Project impacts related to the following:

- Overhead and or underground transmission and distribution line easements. Please view the following links on smud.org for more information regarding transmission encroachment:
  - https://www.smud.org/en/Business-Solutions-and-Rebates/Design-and-Construction-Services
  - https://www.smud.org/en/Corporate/Do-Business-with-SMUD/Land-Use/Transmission-Right-of-Way
- Utility line routing
- Electrical load needs/requirements
- Energy Efficiency
- Climate Change
- Cumulative impacts related to the need for increased electrical delivery
- The potential need to relocate and or remove any SMUD infrastructure that may be affected in or around the project area

SMUD would like to be involved with discussing the above areas of interest as well as discussing any other potential issues. We aim to be partners in the efficient and sustainable delivery of the proposed Project. Please ensure that the information included in this response is conveyed to the Project planners and the appropriate Project proponents.

Environmental leadership is a core value of SMUD and we look forward to collaborating with you on this Project. Again, we appreciate the opportunity to provide input on this NOP. If you have any questions regarding this letter, please contact SMUD's Environmental Management Specialist, Rob Ferrera, at Rob.Ferrera@smud.org or 916.732.6676.

Sincerely,

Nicole Goi
Regional & Local Government Affairs
Sacramento Municipal Utility District
6301 S Street, Mail Stop A313
Sacramento, CA 95817
nicole.goi@smud.org

Cc: Rob Ferrera

UNIVERSITY OF CALIFORNIA, DAVIS

BERKELEY • DAVIS • IRVINE • LOS ANGELES • MERCED • RIVERSIDE • SAN DIEGO • SAN FRANCISCO SANTA BARBARA • SANTA CRUZ

MABEL SALON
INTERIM LEAD

GOVERNMENT & COMMUNITY RELATIONS
ONE SHIELDS AVENUE
DAVIS, CALIFORNIA 95616-8558
TELEPHONE: (530) 752-9795

May 23, 2019

James Corless
Chief Executive Officer
Sacramento Area Council of Governments
1415 L Street, Suite 300
Sacramento, CA 95814

Dear Mr. Corless,

Thank you for the opportunity to comment on the Notice of Preparation (NOP) for the Environmental Impact Report (EIR) Sacramento 2020 Metropolitan Transportation Plan/ Sustainable Communities Strategy (MTP/SCS). The UC Davis appreciates SACOG's leadership role in advancing planning and transportation for the Sacramento region.

The MTP/SCS EIR should consider the anticipated growth as outlined in the University of California Davis campus' Long Range Development Plans. The UC Davis main campus is located in Yolo and Solano Counties and includes more than 5,000 acres, most of which is dedicated to agricultural research. The 900-acre central campus, the area located between State Route 113, Interstate 80 and the City of Davis, is where the vast majority of teaching and research activities are located. The growth plan for the main Davis campus is the UC Davis 2018 Long Range Development Plan (LRDP). The 2018 LRDP is intended to support the teaching, research, and public service missions of the UC. The plan's growth assumptions are based on campus population projections and an understanding of campus needs and goals.

The 2018 LRDP anticipates that the on-campus student population could grow from approximately 33,825 (2016–2017 academic year) to approximately 39,000 by the 2030–2031 academic year. In response to this potential increase in the student population and anticipated increases in mission-based activities, UC Davis anticipates that its faculty and staff population could increase from approximately 12,365 to approximately 14,500 in the same time frame. To accommodate the increased population and respond to evolving higher education needs at UC Davis, the 2018 LRDP proposes the development of construction of an additional 2 million square feet of academic and administrative building space. Substantial additional on-campus housing will also be developed to accommodate 100 percent of the new students as well as a portion of the existing campus population. More information about the 2018 LRDP and the 2018 LRDP EIR is available at the following website: https://campusplanning.ucdavis.edu/campus-planning/2018-ucdavis-lrdp.

The UC Davis Health System (Sacramento campus), approximately 142-acres, is located in the City of Sacramento, approximately 2.5 miles southeast of downtown Sacramento, and 17 miles east of the UC Davis main campus. The adopted growth plan for the Sacramento Campus is the UC Davis Sacramento Campus 2010 Long Range Development Plan (LRDP). The 2010 LRDP is a land use plan that will guide the physical development of the campus. The plan proposes general types of development and land uses to facilitate expanded and new program initiatives through 2025. The plan has been designed to accommodate an increase in building space at the Sacramento campus to 6.57 million gsf and growth in the on-site daily population (including patients, patient attendants, visitors, staff, faculty and other academic personnel, students, interns, residents and fellows) from 12,499 persons to 19,719 persons at full development under

the 2010 LRDP. As part of recent planning for the proposed UC Davis Aggie Square project, one potential change to the 2010 LRDP includes consideration for UC Davis to provide approximately 200 units of residential housing. More information about the 2010 LRDP is available at the following website: https://health.ucdavis.edu/facilities/contractors/LRDP.html.

The UC Davis transportation policies and actions promote healthier transportation system, expanded active transportation infrastructure and enhanced transit services. Unitrans, a local fixed route bus service to the UC Davis campus with support from the City of Davis, continues to celebrate its successes as a leader in regional public transit. Unitrans offers 19 routes serving campus and Davis neighborhoods, shopping centers, schools, and medical centers. Unitrans continues to be a shining star in this regard with higher ridership in FY2018 than in FY2017 and strong demand. Unitrans is largely a student-run system and is a national model of successful campus-based transit.

The University has made major progress on its ambitious Transportation Demand Management efforts by encouraging and rewarding people to carpool, bike, walk, bus or train to campus as an alternative to driving alone. Per the University of California Sustainable Practices Policy, the University continues to strive to reduce the percentage of employees and students commuting by Single Occupancy Vehicle (SOV) in 2025 by 10 percent relative to 2015-16 SOV commute rate. And, the policy states that UC Davis will strive to have no more than 40 percent of employees and no more than 30 percent of all employees and students commuting by SOV by 2050.

UC Davis looks forward to working with SACOG to find ways to collaborate on the MTP/SCS and other regional efforts. For any further questions or follow up, please contact me at 530-752-9795 or masalon@ucdavis.edu.

Sincerely,

Mabel Salon
Interim Lead, Government and Community Relations

cc: Matt Dulcich, UC Davis Director of Environmental Planning
Cliff Contreras, UC Davis Director of Transportation Services
Jeff Flynn, Unitrans General Manager
Mike Godfrey, UCDH Parking and Transportation Services

YOLO
LOCAL
AGENCY
FORMATION
COMMISSION

COMMISSION
CHAIR
OLIN WOODS
Public Member

VICE CHAIR
DON SAYLOR
Supervisor – 2nd District

WILL ARNOLD
Councilmember
City of Davis

GARY SANDY
Supervisor – 3rd District

TOM STALLARD
Councilmember
City of Woodland

ALTERNATES
RICHARD DELIBERTY
Public Member

JIM PROVENZA
Supervisor – 4th District

BABS SANDEEN
Councilmember
City of West Sacramento

STAFF
CHRISTINE M. CRAWFORD, AICP
Executive Officer

TERRI TUCK
Clerk to the Commission

MARK KRUMMENACKER
Financial Analyst

COUNSEL
ERIC MAY

625 Court Street, Suite 107
Woodland CA 95695

(530) 666-8048
lafco@yolocounty.org

www.yololafco.org

May 23, 2019

Renee DeVere-Oki, EIR Project Manager
SACOG
1415 L Street, Suite 300
Sacramento, CA 95814

Re: Notice of Preparation for the 2020 Metropolitan Transportation Plan/ Sustainable Communities Strategy (MTP/SCS) EIR

Dear Ms. DeVere:

Thank you for the opportunity to comment on the Notice of Preparation for the 2020 Metropolitan Transportation Plan/ Sustainable Communities Strategy (MTP/SCS) DEIR. Yolo LAFCo is likely not a Responsible Agency under CEQA for this project, however as the keeper of the urban-rural interface, the MTP/SCS has significant implications for LAFCo's boundaries. Therefore, Yolo LAFCo offers these comments for SACOG consideration and to the extent they affect the DEIR project description, project alternatives and mitigation measures.

Any future growth areas identified in the MTP/SCS for Yolo County should be located within the existing city and community service district (CSD) boundaries and spheres of influence (SOI). The cities and CSDs are the local agencies best equipped to handle growth and able to provide municipal water services. For reference, our CSDs are located in in the towns of Esparto, Knights Landing, Madison and Yolo.

As you are likely aware, the State Water Resources Control Board is severely curtailing any new public water systems and forcing connections to municipal systems across the state where critically needed and feasible. Yolo County Environmental Health is correspondingly trying to avoid new water systems in rural areas wherever possible.

Therefore, any new development should be directed to our cities as land availability allows and our four unincorporated communities noted above with municipal water systems.

Thank you again for consulting with Yolo LAFCo. If you have any questions, please feel free to contact me.

Best regards,

Christine M. Crawford, AICP

MIWOK MAIDU United Auburn Indian Community of the Auburn Rancheria

Gene Whitehouse, Chairman | John L. Williams, Vice Chairman | Calvin Moman, Secretary | Jason Camp, Treasurer | Gabe Cayton, Council Member

May 21, 2019

Renee DeVere-Oki
Sacramento Area Council of Governments
1415 L Street, Suite 300
Sacramento, CA 95614

Subject: Notice of Preparation of an Environmental Impact Report for the 2020 Metropolitan Transportation Plan/Sustainable Communities Strategy, Sacramento Region

Dear Renee DeVere-Oki,

Thank you for providing additional information regarding the above mentioned project. Your letter requests feedback from agencies regarding the following items:

- Are there potential environmental issues that the Sacramento Area Council of Governments (SACOG) has not identified in the list of potential environmental effects listed below under the proposed Environmental Impact Report (EIR) scope. If so, please identify these potential issues.
    - **UAIC Comment** – Your proposed EIR scope referenced cultural resources, but did not reference Tribal Cultural Resources, which are a separate category of cultural resources. We recommend that the EIR analyze Tribal Cultural Resources.
- Are there any alternatives you believe SACOG should evaluate?
    - **UAIC Comment** – The proposed CEQA document has a large scope, and it is likely that future projects will tier off of the proposed EIR. For that reason, we do have a recommendation about best practices for developing alternatives:
        - When Tribal Cultural Resources are present within or near a project area, then one or more alternatives that avoid impacts to Tribal Cultural Resources should be evaluated in the CEQA document.
- What types of mitigation measures do you think would help avoid or minimize potential environmental effects?
    - **UAIC Comment** – In general, mitigation measures for Tribal Cultural Resources should be separate from mitigation measures for cultural resources because the significance associated with this category of resources (Native American cultural and religious significance) is different than the significance that is associated with Cultural Resources (for example, archaeological data potential). Often a cultural

site might be both an archaeological cultural resource and a Tribal Cultural Resource. For example, a grinding rock site is often considered to be both a cultural resource and a Tribal Cultural Resource. From our perspective, we are concerned with the cultural and religious significance and integrity of that Tribal Cultural Resource. Curation of artifacts from a Tribal Cultural Resource (which is a common mitigation measure for cultural sites) would adversely affect the significance and integrity of the site as a Tribal Cultural Resource, because tribal cultural and religious values assert that components of a cultural site should stay together at their original location. This example illustrates why Tribal Cultural Resources should be considered separately from archaeological cultural resources.

- **Post Review Discovery Mitigation Measures for Tribal Cultural Resources** – Because Tribal Cultural Resources are a unique cultural resource, consultation with Native American tribes to determine *whether* a post-review discovery is a Tribal Cultural Resource is a critical component of any post review discovery mitigation measures. UAIC's preferred post-review discovery mitigation measure is attached for reference.

- **Worker Awareness Training** - UAIC's preferred worker awareness training mitigation measure is attached for reference. While many consultants also prepare such educational materials, their education materials address archaeological identification and significance. It is important that Tribes have the ability to include information regarding tribal cultural and religious significance.

- **Avoidance** – Avoidance and preservation in place is the preferred manner of mitigating impacts to Tribal Cultural Resources. The attached mitigation measure includes best practices for *how* to avoid impacting Tribal Cultural Resources during the planning stage and during construction.

Thank you again for taking these matters into consideration, and for involving the UAIC in the planning process. Please contact Melodi McAdams, Cultural Resources Supervisor, at (530) 328-1109 or email at mmcadams@auburnrancheria.com if you have any questions.

Sincerely,

Gene Whitehouse,
Chairman

CC: Matthew Moore, UAIC Tribal Historic Preservation Officer

From: EIR Comments <eircomments@sacog.org>
Sent: Tuesday, May 21, 2019 11:12 AM
To: htschudin@sbcglobal.net; 'Amy Higuera'; Andrew Martin
Subject: NOP Comment UAIC
Attachments: 20190429_SACOG_2020MetroTranspotationPlan.pdf; 1 _Mitigation_Measures_CEQA_Discoveries_rev1.docx; 4 _Mitigation_Measures_CEQA_TCR_Avoidance.docx; 5 _Mitigation_Measures_CEQA_Construction_Worker_Awareness_Training_rev1.docx

Sending comments as I receive them. Thanks!

From: Melodi McAdams <mmcadams@auburnrancheria.com>
Sent: Monday, May 20, 2019 2:23 PM
To: EIR Comments <eircomments@sacog.org>
Cc: Cherilyn Neider <cneider@auburnrancheria.com>; Steven Hutchason <shutchason@auburnrancheria.com>; Matthew Moore <mmoore@auburnrancheria.com>
Subject: Notice of Preparation of an Environmental Impact Report for the 2020 Metropolitan Transportation Plan/Sustainable Communities Strategy, Sacramento Region

Dear Project Manager Renee DeVere-Oki,

Thank you for your recent letter regarding the Notice of Preparation of an Environmental Impact Report for the 2020 Metropolitan Transportation Plan/Sustainable Communities Strategy, Sacramento Region. Your letter requests feedback from agencies regarding the following items:

- Are there potential environmental issues that SACOG has not identified in the list of potential environmental effects listed below under the proposed EIR scope. If so, please identify these potential issues.
    - **UAIC Comment** – Your proposed EIR scope referenced cultural resources, but did not reference Tribal Cultural Resources, which are a separate category of cultural resources. We recommend that the EIR analyze Tribal Cultural Resources.
- Are there any alternatives you believe SACOG should evaluate?
    - **UAIC Comment** – The proposed CEQA document has a large scope, and it is likely that future projects will tier off of the proposed EIR. For that reason, we do have a recommendation about best practices for developing alternatives:
        - When Tribal Cultural Resources are present within or near a project area, then one or more alternatives that avoid impacts to Tribal Cultural Resources should be evaluated in the CEQA document.
- What types of mitigation measures do you think would help avoid or minimize potential environmental effects?
    - **UAIC Comment** – in general, mitigation measures for Tribal Cultural Resources should be separate from mitigation measures for cultural resources because the significance associated with this category of resources (Native American cultural and religious significance) is different than the significance that is associated with Cultural Resources (for example, archaeological data potential). Often a cultural site might be both an archaeological cultural resource and a tribal cultural resource. For example, a grinding rock site is often considered to be both a cultural resource and a tribal cultural resource. From our perspective, we are concerned with the cultural and religious significance and integrity of that Tribal Cultural Resource. Curation of artifacts from a Tribal Cultural Resource (which is a common mitigation measure for cultural sites) would adversely affect the significance and integrity of the site as a Tribal

Cultural Resource, because tribal cultural and religious values assert that components of a cultural site should stay together at their original location. This example illustrates why tribal cultural resources should be considered separately from archaeological cultural resources.

- **Post Review Discovery Mitigation Measures for Tribal Cultural Resources** – Because Tribal Cultural Resources are a separate type of resource, consultation with Native American tribes to determine *whether* a post-review discovery is a Tribal Cultural Resource is a critical component of any post review discovery mitigation measures. UAIC's preferred post-review discovery mitigation measure is attached for reference.
- **Worker Awareness Training** - UAIC's preferred worker awareness training mitigation measure is attached for reference. While many consultants also prepare such educational materials, their education materials address archaeological identification and significance. It is important that Tribes have the ability to include information regarding tribal cultural and religious significance.
- **Avoidance** – Avoidance and preservation in place is the preferred manner of mitigating impacts to Tribal Cultural Resources. The attached mitigation measure includes best practices for *how* to avoid impacting Tribal Cultural Resources during the planning stage and during construction.

Thank you for involving UAIC in the planning process at an early stage. We ask that you make this correspondence a part of the project record and we look forward to working with you to ensure that tribal cultural resources are protected.

Sincerely,

Melodi McAdams
Cultural Resources Supervisor
Tribal Historic Preservation Department
United Auburn Indian Community of the Auburn Rancheria
10720 Indian Hill Road
Auburn, CA 95603
(530) 328-1109 - office
(530) 401-7470 - cell

Nothing in this e-mail is intended to constitute an electronic signature for purposes of the Electronic Signatures in Global and National Commerce Act (E-Sign Act), 15, U.S.C. §§ 7001 to 7006 or the Uniform Electronic Transactions Act of any state or the federal government unless a specific statement to the contrary is included in this e-mail.

RECEIVED
Preservation
APR 29 2019

NOTICE OF PREPARATION (NOP)

To: Interested Agencies, Organizations, and Individuals

Project: Environmental Impact Report (EIR) for the 2020 Metropolitan Transportation Plan/ Sustainable Communities Strategy (MTP/SCS) for the Sacramento Region

Lead Agency: Sacramento Area Council of Governments (SACOG)

Comment Period: April 25, 2019 to May 25, 2019 (30 days)

OVERVIEW

You are invited by the Sacramento Area Council of Governments (SACOG) to comment on the scope and content of the environmental impact assessment that will be prepared for the update of the regional MTP/SCS. You may do so electronically, in person, or by mail – instructions are provided below.

The MTP/SCS is an integrated land use and transportation strategy for the six-county region consisting of Sacramento, Sutter, Yolo, Yuba, and portions of Placer and El Dorado Counties (the Lake Tahoe basin in these counties is excluded from the SACOG region). The attached map depicts the Sacramento metropolitan planning area which is the area covered by the MTP/SCS. More information about the MTP/SCS and the update process is available at the following web site: https://www.sacog.org/2020-metropolitan-transportation-plansustainable-communities-strategy-update

BACKGROUND

An MTP, referred to in other regions as a regional transportation plan (RTP) or long-range transportation plan (LRTP), is the mechanism used in California to conduct long-range (at least 20-year) planning in the applicable regional area. The SACOG MTP/SCS has a 2040 planning horizon. SACOG must adopt an MTP and update it every four years, or more frequently, if the region is to receive federal or state transportation dollars for public transit, streets/roads, and bicycle and pedestrian improvements. This is the region's second update of the MTP/SCS.

An SCS is a required element of the MTP under California's Sustainable Communities and Climate Protection Act, also known as Senate Bill 375 (SB 375) (Statutes of 2008, Chapter 728). The SCS identifies policies and strategies to reduce per-capita passenger vehicle-generated greenhouse gas (GHG) emissions to target levels set by the California Air Resources Board (CARB). The SCS must address: the general location of land uses, residential densities, and building intensities within the region; areas within the region sufficient to house all the population of the region; areas within the region sufficient to house an 8-year projection of the regional housing need; a transportation network to serve the regional transportation needs; information regarding resource areas and farmland in the region; consideration of state housing goals; a forecasted development pattern for the region; and compliance with the federal Clean Air Act. If the SCS does not achieve the GHG emission targets set by CARB, an additional analysis called an Alternative Planning Strategy (APS) must be prepared to accompany the SCS, demonstrating how the targets could be achieved.

MORE INFORMATION

In accordance with the California Environmental Quality Act (CEQA) Guidelines (Section 15082), the purpose of this Notice of Preparation (NOP) is to seek comments about the scope and content of the EIR that will be prepared analyzing this update of the MTP/SCS. If you represent an agency that may use the EIR for tiering purposes, SACOG is particularly interested in learning what information may be helpful for such tiering in connection with your project-specific environmental review.

In particular, SACOG seeks your views on the following questions:

- Are there potential environmental issues that SACOG has not identified in the list of potential environmental effects listed below under the proposed EIR scope. If so, please identify these potential issues.

- Are there any alternatives you believe SACOG should evaluate?

- What types of mitigation measures do you think would help avoid or minimize potential environmental effects?

PROPOSED EIR SCOPE

Adoption and implementation of the MTP/SCS has the potential to result in environmental effects in all of the environmental impact areas identified in CEQA. For this reason, the EIR will be a "full scope" document that analyzes all of the required CEQA environmental issue areas. These include: aesthetics; agriculture and forestry resources; air quality (including toxic air contaminants); biological resources; cultural resources; energy and global climate change; geology (including paleontological and mineral resources), soils, and seismicity; hazards and hazardous materials; hydrology and water quality; land use and planning; noise and vibration; population and housing; public services and recreation; transportation and traffic; utilities and service systems. The EIR will also address alternatives, growth inducing impacts, cumulative effects, and other issues required by CEQA.

Due to time limits mandated by State law, your response must be received no later than May 25, 2019, using any of the following methods:

By Mail	By Fax	By E-Mail
SACOG 1415 L Street, Suite 300 Sacramento, CA 95814	(916) 321-9551	eircomments@sacog.org

A public scoping meeting to receive oral comments on the appropriate scope and content of the EIR will be held on May 9, 2019 from 1:30 pm to 2:30 pm at the SACOG offices at 1415 L Street, Suite 300, Sacramento, CA 95814.

If you have any questions or need help finding or understanding available materials, please let us know. The name and contact information for the SACOG project manager is provided below.

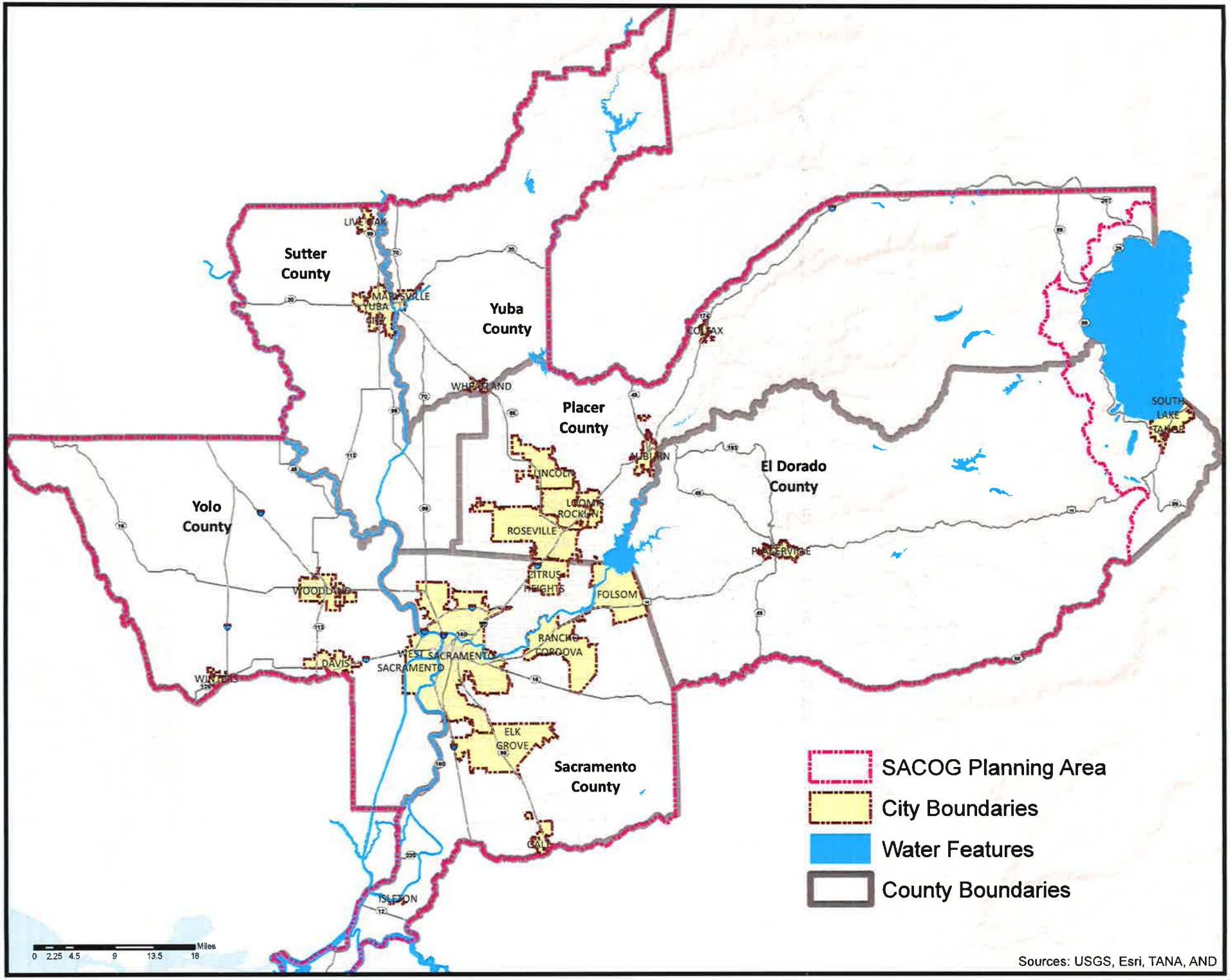
Date: April 25, 2019

Signature: Renee DeVere-Oki

Project Manager: Renee DeVere-Oki
Title: EIR Project Manager
Telephone: (916) 340-6219
Email: rdevere-oki@sacog.org

Attachment – Map of SACOG Region

Sacramento Metropolitan Planning Area



Inadvertent Discoveries Mitigation Measure

If potential tribal cultural resources (TCRs), archaeological resources, other cultural resources, articulated, or disarticulated human remains are discovered by Native American Representatives or Monitors from interested Native American Tribes, qualified cultural resources specialists or other Project personnel during construction activities, work will cease within 100 feet of the find (based on the apparent distribution of cultural resources), whether or not a Native American Monitor from a traditionally and culturally affiliated Native American Tribe is present. A qualified cultural resources specialist and Native American Representatives and Monitors from traditionally and culturally affiliated Native American Tribes will assess the significance of the find and make recommendations for further evaluation and treatment as necessary. Culturally appropriate treatment may be, but is not limited to, processing materials for reburial, minimizing handling of cultural objects, leaving objects in place within the landscape, returning objects to a location within the project area where they will not be subject to future impacts. The Tribe does not consider curation of TCR's to be appropriate or respectful and request that materials not be permanently curated, unless requested by the Tribe.

Treatment that preserves or restores the cultural character and integrity of a Tribal Cultural Resource may include Tribal Monitoring, culturally appropriate recovery of cultural objects, and reburial of cultural objects or cultural soil. These recommendations will be documented in the project record. For any recommendations made by traditionally and culturally affiliated Native American Tribes that are not implemented, a justification for why the recommendation was not followed will be provided in the project record.

If adverse impacts to tribal cultural resources, unique archeology, or other cultural resources occurs, then consultation with UAIC and other traditionally and culturally affiliated Native American Tribes regarding mitigation contained in the Public Resources Code sections 21084.3(a) and (b) and CEQA Guidelines section 15370 should occur, in order to coordinate for compensation for the impact by replacing or providing substitute resources or environments.

Tribal Cultural Resource Avoidance Mitigation Measure

1. Avoidance and preservation in place is the preferred manner of mitigating impacts to tribal cultural resources and will be accomplished by several means, including:

    a. Planning construction to avoid archaeological sites; incorporating sites within parks, green-space, or other open space; covering archaeological sites; deeding a site to a permanent conservation easement; or other preservation and protection methods agreeable to consulting parties and regulatory authorities with jurisdiction over the activity. Recommendations for avoidance of cultural resources will be reviewed by the CEQA lead agency representative, interested Native American Tribes, and the appropriate agencies, in light of factors such as costs, logistics, feasibility, design, technology, and social, cultural, and environmental considerations and the extent to which avoidance is consistent with project objectives. Avoidance and design alternatives may include realignment within the project area to avoid cultural resources, modification of the design to eliminate or reduce impacts to cultural resources, or modification or realignment to avoid highly significant features within a cultural resource. Native American Representatives from interested Native American Tribes will be allowed to review and comment on these analyses and shall have the opportunity to meet with the CEQA lead agency representative and its representatives who have technical expertise to identify and recommend feasible avoidance and design alternatives, so that appropriate and feasible avoidance and design alternatives can be identified.

    b. If the resource can be avoided, the construction contractor(s), with paid Native American Monitors from culturally affiliated Native American Tribes present, will install protective fencing outside the site boundary, including a buffer area, before construction restarts. The construction contractor(s) will maintain the protective fencing throughout construction to avoid the site during all remaining phases of construction. The area will be demarcated as an "Environmentally Sensitive Area." Native American Representatives from interested Native American Tribes and the CEQA lead agency representative will also consult to develop measures for long term management of the resource and routine operation and maintenance within culturally sensitive areas that retain resource integrity, including tribal cultural integrity, and including archaeological material, Traditional Cultural Properties, and cultural landscapes, in accordance with state and federal guidance including National Register Bulletin 30 (*Guidelines for Evaluating* and *Documenting Rural Historic Landscapes*), Bulletin 36 (*Guidelines for Evaluating and Registering Archaeological Properties*), and Bulletin 38 (*Guidelines for Evaluating and Documenting Traditional Cultural Properties*);

Tribal Cultural Resource Avoidance Mitigation Measure

National Park Service Preservation Brief 36 (*Protecting Cultural Landscapes: Planning, Treatment and Management of Historic Landscapes*) and using the Advisory Council on Historic Preservation (ACHP) *Native American Traditional Cultural Landscapes Action Plan* for further guidance. Use of temporary and permanent forms of protective fencing will be determined in consultation with Native American Representatives from interested Native American Tribes.

Tribal Cultural Resource – Awareness Training - Mitigation Measure

In coordination with traditionally and culturally affiliated Native American Tribes, the project proponent will develop and administer a consultant and construction worker tribal cultural resources awareness brochure and training program for all personnel involved in project construction and implementation. The project proponent will distribute the brochure and ensure that the training is conducted in coordination with qualified cultural resources specialists and Native American Representatives and Monitors from traditionally and culturally affiliated Native American Tribes before any stages of project implementation and construction activities begin on the project site.

The program will include relevant information regarding sensitive tribal cultural resources, including applicable regulations, protocols for avoidance, and consequences of violating State laws and regulations. The worker cultural resources awareness program will also describe appropriate avoidance and minimization measures for resources that have the potential to be located on the project site and will outline what to do and whom to contact if any potential tribal cultural resources, resources or artifacts are encountered. The program will also underscore the requirement for confidentiality and culturally-appropriate treatment of any find of significance to Native Americans and appropriate behaviors to use onsite, consistent with Native American Tribal values.

From:	Michael Garabedian
To:	EIR Comments
Subject:	Typo corrections Fwd: Placer Group Sierra Club SACOG 2020 MTP/SCS March 26, 2019, EIR Scoping Comment C
Date:	Sunday, May 26, 2019 5:11:49 PM
Attachments:	SPlacer key map.pdf

This is the MTP/SCS EIR scoping comment submitted last night at midnight March 26 Memorial Day Weekend with some corrections and clarifications in black ink and deletions not shown.

Mike Garabedian
Placer Group Sierra Club

Begin forwarded message:

From: Michael Garabedian <michaelgarabedian@earthlink.net>
Subject: Placer Group Sierra Club SACOG 2020 MTP/SCS EIR Scoping Comments
Date: May 26, 2019 at 12:00:15 AM PDT
To: eircomments@sacog.org

These are needed concepts for inclusion in the MTP/SCS EIR.

1. A guided fixed rail-centric transit system alternative is needed for the Potential Future Growth Area of the pending proposed PCCP.

a. PCCP development includes PCCP participant Lincoln. Roseville, Rocklin, and Loomis are not part of the PCCP but could annex into its area. Placer Parkway is a preferred SACOG project and is part of the proposed PCCP. Placer Parkway sponsor South Placer Regional Transportation Authority (SPRTA) and the Placer Regional Transportation Planning Agency (PCTPA) are PCCP participants. SPRTA has fewer of the same PCTPA board members. The PCCP map is used in this comment to define an area of analysis for purposes of the EIR. The Sierra Club is a long term participant in the PCCP stakeholder process.

aa. All past and current transit and transit related studies and institutional arrangements affecting the area from Downtown Sacramento, from and to Oakland on the AMTRAK corridor, and in the six county SACOG region plus Butte County, need to be assembled and reviewed as part of developing this alternative.

b. This fixed guideway alternative should be defined as the core of local transit systems.

c. This would not include adding lanes for bus only, HOV or other vehicular use.

2. In addition to the fixed transit alternative above, an alternative that relies on handling vehicles and local transit on boulevards independently and together without the these three SACOG Preferred projects: (a) I-80/SR 65 interchange

improvements (with current related and proposed projects, the cost for this is more than the $500 million Major Project threshold and should be considered as such), (b) Placer Parkway, and (c) SR 65 lane widening.

a. Adding capacity will not relieve congestion as proponents are asserting.

http://www.dot.ca.gov/newtech/researchreports/reports/2015/10-12-2015-NCST_Brief_InducedTravel_CS6_v3.pdf

b. The local boulevards now function quite well and demonstrate that our boulevards are well located, effective and make the use of widening SR 65 unnecessary for the vast number of existing residents.

c. SR 65 goes to Wheatland which gets about 20,000 vehicles per day maximum.

3. Develop surface connector roads instead of initiating the preferred highway improvements.

a. The 2000 Conceptual Plan Placer County Parkway Interconnected Study included review of east west Roadway Widening.

4. With Placer Parkway as the first leg of a Sacramento Belt Loop. Therefore, with Sacramento-Lincoln-Auburn downtown to rural Placer County transit a congested corridor, and with north-south rail passenger and transit needs, the future of Placer, Yuba, Sacramento, Sutter, and Butte Counties are joined for the foreseeable transportation future. Butte County is not in SACOG, but its COG wrote the 1995 preliminary study of rail passenger service to Butte County through Lincoln).

a. If Placer Parkway is built, Folsom and Elk Grove will want highway connections to it.

aa. Local connectors can substitute for this. East-west roads are now used for airport access.

b. Denver's highly congested loop has not been completed since it was started perhaps 25 years or so ago, because Boulder County that became sustainably oriented is a slow and responsible growth community, and refuses to build its link. The Denver Belt Loop has fostered massive unsustainable growth and has solved nothing.

5. Assess the major economic expectations and assumptions.

a. The construction of large universities has become financially infeasible.

b. The Placer County Panning Commission in recent days changed the Regional University Specific Plan to allow the eastern Community Development area to proceed before and even without the university. This also indicates financial infeasibility.

6. All income housing needs, density concentration at transit hubs, economic and job opportunity, are among environmental, social and economic factors:

a. The old General and Specific Plans are being changed. The County reduced park and open pace in Placer Vineyards. Regional University is now being combined with Placer Vineyards for some purposes such as th
county constructing some public facilities instead of the developers. SACOG must adjust to this.

b. All income housing needs to be assessed as social and economic impacting factors as well as an environmental impact related to and dependent on transit and economic opportunities including jobs.

c. The Placer County Planning Commission just eliminated 1,700 high density and medium density housing units from the Regional University Specific Plan and changed most of this area to low density. To compensate, the plan was changed to add a number of affordable units in the university area, but these may never be built and are for students and faculty, not the community.

d. The Sunset Industrial Area Plan is in the process of becoming the Sunset Area Plan with the Placer Ranch Specific Plan.

e. Development that died because of the near collapse of the world financial system in 2007-2008 may fail and stall again. Among other problems, there are not enough construction workers.

7. The EIR needs to assess the environmental impacts of what will happen if the PCCP is not implemented as planned including if it's not adopted, including regarding farmland and agriculture.

a. We don't know what the PCCP has planned for the area set to become its Potential Future Growth Area (PFG—see the attached PCCP map) has planned, including west of PCCP Valley/Foothill Divide. It appears that assessment of property owners to support the PCCP could encourage development.

8. The EIR needs to assess and project what happens during the implementation years of all plans.

a. Since 2007 Placer County been significantly modifying its plans to attract development that might not happen without economic incentives due to changing plans. For example, the Board of Supervisors changed Placer Vineyards to allow more development near the high voltage transmission lines, reasoning that EMF has not been proved to be harmful.

b. The Sierra Cub supports the original mitigation measures adopted for Placer Vineyards as well as specified Regional University mitigation.

c Housing density also needs to be increased to enable housing affordability and and to facilitate rail transit feasibility. Concentrated development would protect agricultural and open spaces, and managed grazing has been compatible with

vernal pools.

c. County plan modifications and housing needs need to be developed as trends and to be considered for environmental, sustainability, and other factors.

9. Fire prevention including the location and design of new development require re-analysis of current and proposed development plans. The growing rate and severity of both wild fire in the WUI, and fire in the Urban Interface, require this analysis now for the EIR and sustainability purposes.

10. The SACOG EIR process requires use of Envision Tomorrow, Urban Footprint or other appropriate models to assess both the environmental impacts and sustainability of different transportation, transit including hubs, housing including affordable hosing and density changes, agriculture and open socage, economic opportunity, VMT, GHG, and other factors in this comment.

Michael Garabedian
Placer Group Sierra Club
916-719-7296

PCCP map:

https://www.placer.ca.gov/DocumentCenter/View/9222/Placer-County-Conservation-Program-Designations-Map-PDF

Area sketch map:

Appendix AQ/GHG – 1

Criteria Air Pollutant and Greenhouse Gas Emissions Summary

Annual Emissions Summary

Utility Service Area	(All)					
	Tons/year	Tons/year	Tons/year	Tons/year	MT/yr	
Row Labels	**Sum of ROG**	**Sum of NOx**	**Sum of CO**	**Sum of SO2**	**Sum of PM10 Total**	**Sum of PM2.5 Total**
2016	**10,447.43**	**1,846.82**	**11,152.21**	**11.36**	**192.11**	**192.11**
Area Source	**10,248.99**	**119.30**	**10,197.76**	**0.53**	**55.00**	**55.00**
Architectural Coating	1,418.18				-	-
Consumer Products	8,509.20				-	-
Hearth	-	-	-	-	-	-
Landscaping	321.60	119.30	10,197.76	0.53	55.00	55.00
NaturalGas Use	**198.44**	**1,727.52**	**954.45**	**10.82**	**137.11**	**137.11**
Electricity Use						
Waste						
Water						
2027	**9,525.41**	**1,798.84**	**11,634.75**	**11.05**	**192.17**	**192.17**
Area Source	**9,333.15**	**123.19**	**10,695.70**	**0.57**	**59.33**	**59.33**
Architectural Coating	1,174.08				-	-
Consumer Products	7,837.52				-	-
Hearth	-	-	-	-	-	-
Landscaping	321.55	123.19	10,695.70	0.57	59.33	59.33
NaturalGas Use	**192.26**	**1,675.65**	**939.05**	**10.49**	**132.83**	**132.83**
Electricity Use						
Waste						
Water						
2035	**10,147.41**	**1,894.40**	**12,545.51**	**11.63**	**203.85**	**203.85**
Area Source	**9,945.42**	**133.29**	**11,554.36**	**0.61**	**64.29**	**64.29**
Architectural Coating	1,251.26				-	-
Consumer Products	8,348.26				-	-
Hearth	-	-	-	-	-	-
Landscaping	345.90	133.29	11,554.36	0.61	64.29	64.29
NaturalGas Use	**201.99**	**1,761.11**	**991.15**	**11.02**	**139.56**	**139.56**
Electricity Use						
Waste						
Water						
2040	**10,467.40**	**1,941.76**	**12,959.15**	**11.92**	**209.48**	**209.48**
Area Source	**10,260.49**	**137.85**	**11,944.72**	**0.63**	**66.52**	**66.52**
Architectural Coating	1,290.94				-	-
Consumer Products	8,611.85				-	-
Hearth	-	-	-	-	-	-
Landscaping	357.70	137.85	11,944.72	0.63	66.52	66.52
NaturalGas Use	**206.92**	**1,803.91**	**1,014.43**	**11.29**	**142.96**	**142.96**
Electricity Use						
Waste						
Water						
Grand Total	**40,587.66**	**7,481.82**	**48,291.61**	**45.96**	**797.60**	**797.60**

Utility Service Area	(All)				
	MT/yr	MT/yr	MT/yr	MT/yr	
Sum of CO2e	**Column Labels**				
Row Labels	**2016**	**2027**	**2035**	**2040**	**(blank)**
Area Source	**16,850.07**	**17,909.16**	**19,394.00**	**20,066.85**	
Architectural Coating	-	-	-	-	
Consumer Products	-	-	-	-	
Hearth	-	-	-	-	
Landscaping	16,850.07	17,909.16	19,394.00	20,066.85	
NaturalGas Use	**1,975,554.69**	**1,914,001.99**	**2,010,906.22**	**2,059,910.75**	
Electricity Use	**3,715,154.81**	**2,815,767.50**	**1,721,886.89**	**955,159.08**	
Waste	**768,463.84**	**801,951.51**	**848,496.62**	**871,308.10**	
Water	**357,262.93**	**271,417.45**	**199,654.60**	**156,390.91**	
(blank)					
(blank)					
Grand Total	**6,833,286.33**	**5,821,047.60**	**4,800,338.34**	**4,062,835.68**	

Energy Summary

Sum of Activity Amount		Year			
Emissions Categ	Activity Unit	2016	2027	2035	2040
NaturalGas U	kBTU/yr	36,368,539,120	34,941,876,369	36,286,481,409	37,191,410,371
Electricity Use	kWh/yr	13,013,366,746	13,822,307,230	14,508,187,412	14,913,358,876
Waste	tons	1,528,060	1,594,649	1,687,202	1,732,562
Water	Mgal	246,926	237,139	252,101	259,528

Daily Emissions Summary

	lb/day	lb/day	lb/day	lb/day	lb/day	lb/day
Row Labels	**Sum of ROG**	**Sum of NOx**	**Sum of CO**	**Sum of SO2**	**Sum of PM10 Total**	**Sum of PM2.5 Total**
2016	**58,057**	**10,420**	**86,812**	**64**	**1,191**	**1,191**
2027	**53,005**	**10,167**	**90,711**	**62**	**1,203**	**1,203**
2035	**56,474**	**10,716**	**97,866**	**65**	**1,279**	**1,279**
2040	**58,257**	**10,987**	**101,116**	**67**	**1,315**	**1,315**
Grand Total	**225,793**	**42,291**	**376,505**	**258**	**4,988**	**4,988**

Emissions Category	(All)					
	lb/day	lb/day	lb/day	lb/day	lb/day	lb/day
Row Labels	**Sum of ROG**	**Sum of NOx**	**Sum of CO**	**Sum of SO2**	**Sum of PM10 Total**	**Sum of PM2.5 Total**
2016						
2027	**-8.70%**	**-2.43%**	**4.49%**	**-2.48%**	**0.94%**	**0.94%**
2035	**-2.73%**	**2.84%**	**12.73%**	**2.69%**	**7.36%**	**7.36%**
2040	**0.35%**	**5.44%**	**16.48%**	**5.27%**	**10.43%**	**10.43%**
Grand Total						

Utility Service Area	Year	Land Use	Emissions Category	Emissions Sub-Category	Activity Unit	Activity Amount
PCE	2016	All	Area Source	Architectural Coating		
PCE	2016	All	Area Source	Consumer Products		
PCE	2016	All	Area Source	Hearth		
PCE	2016	All	Area Source	Landscaping		
PCE	2027	All	Area Source	Architectural Coating		
PCE	2027	All	Area Source	Consumer Products		
PCE	2027	All	Area Source	Hearth		
PCE	2027	All	Area Source	Landscaping		
PCE	2035	All	Area Source	Architectural Coating		
PCE	2035	All	Area Source	Consumer Products		
PCE	2035	All	Area Source	Hearth		
PCE	2035	All	Area Source	Landscaping		
PCE	2040	All	Area Source	Architectural Coating		
PCE	2040	All	Area Source	Consumer Products		
PCE	2040	All	Area Source	Hearth		
PCE	2040	All	Area Source	Landscaping		
PCE	2016	Apartments high rise	Electricity Use		kWh/yr	18,517,100
PCE	2016	Apartments low rise	Electricity Use		kWh/yr	2,492,070
PCE	2016	Apartments mid rise	Electricity Use		kWh/yr	63,715,300
PCE	2016	City Park	Electricity Use		kWh/yr	-
PCE	2016	Condo/Townhouse	Electricity Use		kWh/yr	32,648,400
PCE	2016	Condo/Townhouse High r	Electricity Use		kWh/yr	8,238,620
PCE	2016	General Heavy Industry	Electricity Use		kWh/yr	110,517,000
PCE	2016	General Light Industry	Electricity Use		kWh/yr	74,801,800
PCE	2016	General Office Building	Electricity Use		kWh/yr	118,474,000
PCE	2016	Government Office Buildi	Electricity Use		kWh/yr	62,510,200
PCE	2016	Hospital	Electricity Use		kWh/yr	27,021,400
PCE	2016	Hotel	Electricity Use		kWh/yr	565,699
PCE	2016	Industrial Park	Electricity Use		kWh/yr	30,072,600
PCE	2016	Junior High School	Electricity Use		kWh/yr	35,125,700
PCE	2016	Medical Office Building	Electricity Use		kWh/yr	6,479,460
PCE	2016	Mobile Home Park	Electricity Use		kWh/yr	32,469,700
PCE	2016	Office Park	Electricity Use		kWh/yr	118,651,000
PCE	2016	Regional Shopping Center	Electricity Use		kWh/yr	40,280,700
PCE	2016	Retirement Community	Electricity Use		kWh/yr	3,106,370
PCE	2016	Single Family Housing	Electricity Use		kWh/yr	844,640,000
PCE	2016	Strip Mall	Electricity Use		kWh/yr	161,078,000
PCE	2016	University/College (4yr)	Electricity Use		kWh/yr	6,320,040
PCE	2027	Apartments high rise	Electricity Use		kWh/yr	7,789,140
PCE	2027	Apartments low rise	Electricity Use		kWh/yr	3,122,910
PCE	2027	Apartments mid rise	Electricity Use		kWh/yr	83,818,300
PCE	2027	Condo/Townhouse	Electricity Use		kWh/yr	17,121,600
PCE	2027	Condo/Townhouse High r	Electricity Use		kWh/yr	5,533,730
PCE	2027	General Heavy Industry	Electricity Use		kWh/yr	30,332,800
PCE	2027	General Light Industry	Electricity Use		kWh/yr	47,680,500
PCE	2027	General Office Building	Electricity Use		kWh/yr	79,991,200

Utility Service Area	Year	Land Use	Emissions Category	Emissions Sub-Category	Activity Unit	Activity Amount
PCE	2027	Government Office Buildi	Electricity Use		kWh/yr	43,610,200
PCE	2027	Hospital	Electricity Use		kWh/yr	4,469,580
PCE	2027	Hotel	Electricity Use		kWh/yr	1,956,150
PCE	2027	Industrial Park	Electricity Use		kWh/yr	29,906,900
PCE	2027	Junior High School	Electricity Use		kWh/yr	17,645,500
PCE	2027	Medical Office Building	Electricity Use		kWh/yr	18,467,100
PCE	2027	Mobile Home Park	Electricity Use		kWh/yr	16,701,800
PCE	2027	Office Park	Electricity Use		kWh/yr	1,643,620
PCE	2027	Regional Shopping Center	Electricity Use		kWh/yr	7,761,360
PCE	2027	Retirement Community	Electricity Use		kWh/yr	2,078,840
PCE	2027	Single Family Housing	Electricity Use		kWh/yr	713,738,000
PCE	2027	Strip Mall	Electricity Use		kWh/yr	109,252,000
PCE	2027	University/College (4yr)	Electricity Use		kWh/yr	10,814,600
PCE	2035	Apartments high rise	Electricity Use		kWh/yr	13,643,700
PCE	2035	Apartments low rise	Electricity Use		kWh/yr	4,401,920
PCE	2035	Apartments mid rise	Electricity Use		kWh/yr	109,080,000
PCE	2035	Condo/Townhouse	Electricity Use		kWh/yr	17,121,600
PCE	2035	Condo/Townhouse High r	Electricity Use		kWh/yr	5,533,730
PCE	2035	General Heavy Industry	Electricity Use		kWh/yr	33,308,400
PCE	2035	General Light Industry	Electricity Use		kWh/yr	54,598,100
PCE	2035	General Office Building	Electricity Use		kWh/yr	93,795,200
PCE	2035	Government Office Buildi	Electricity Use		kWh/yr	45,086,300
PCE	2035	Hospital	Electricity Use		kWh/yr	4,727,550
PCE	2035	Hotel	Electricity Use		kWh/yr	2,237,390
PCE	2035	Industrial Park	Electricity Use		kWh/yr	39,595,800
PCE	2035	Junior High School	Electricity Use		kWh/yr	20,418,700
PCE	2035	Medical Office Building	Electricity Use		kWh/yr	18,631,100
PCE	2035	Mobile Home Park	Electricity Use		kWh/yr	16,701,800
PCE	2035	Office Park	Electricity Use		kWh/yr	2,608,840
PCE	2035	Regional Shopping Center	Electricity Use		kWh/yr	7,782,240
PCE	2035	Retirement Community	Electricity Use		kWh/yr	2,078,840
PCE	2035	Single Family Housing	Electricity Use		kWh/yr	764,305,000
PCE	2035	Strip Mall	Electricity Use		kWh/yr	122,259,000
PCE	2035	University/College (4yr)	Electricity Use		kWh/yr	12,844,000
PCE	2040	Apartments high rise	Electricity Use		kWh/yr	13,643,700
PCE	2040	Apartments low rise	Electricity Use		kWh/yr	4,587,300
PCE	2040	Apartments mid rise	Electricity Use		kWh/yr	119,453,000
PCE	2040	Condo/Townhouse	Electricity Use		kWh/yr	17,116,800
PCE	2040	Condo/Townhouse High r	Electricity Use		kWh/yr	5,533,730
PCE	2040	General Heavy Industry	Electricity Use		kWh/yr	36,378,300
PCE	2040	General Light Industry	Electricity Use		kWh/yr	62,063,300
PCE	2040	General Office Building	Electricity Use		kWh/yr	103,027,000
PCE	2040	Government Office Buildi	Electricity Use		kWh/yr	45,819,200
PCE	2040	Hospital	Electricity Use		kWh/yr	4,727,550
PCE	2040	Hotel	Electricity Use		kWh/yr	2,237,380
PCE	2040	Industrial Park	Electricity Use		kWh/yr	41,985,100

Utility Service Area	Year	Land Use	Emissions Category	Emissions Sub-Category	Activity Unit	Activity Amount
PCE	2040	Junior High School	Electricity Use		kWh/yr	21,578,800
PCE	2040	Medical Office Building	Electricity Use		kWh/yr	19,120,800
PCE	2040	Mobile Home Park	Electricity Use		kWh/yr	16,701,800
PCE	2040	Office Park	Electricity Use		kWh/yr	2,608,870
PCE	2040	Regional Shopping Center	Electricity Use		kWh/yr	8,964,780
PCE	2040	Retirement Community	Electricity Use		kWh/yr	2,078,840
PCE	2040	Single Family Housing	Electricity Use		kWh/yr	805,111,000
PCE	2040	Strip Mall	Electricity Use		kWh/yr	123,846,000
PCE	2040	University/College (4yr)	Electricity Use		kWh/yr	12,844,000
PCE	2016	Apartments high rise	NaturalGas Use		kBTU/yr	53,081,200
PCE	2016	Apartments low rise	NaturalGas Use		kBTU/yr	9,258,650
PCE	2016	Apartments mid rise	NaturalGas Use		kBTU/yr	182,647,000
PCE	2016	City Park	NaturalGas Use		kBTU/yr	-
PCE	2016	Condo/Townhouse	NaturalGas Use		kBTU/yr	169,254,000
PCE	2016	Condo/Townhouse High r	NaturalGas Use		kBTU/yr	42,710,300
PCE	2016	General Heavy Industry	NaturalGas Use		kBTU/yr	251,101,000
PCE	2016	General Light Industry	NaturalGas Use		kBTU/yr	169,955,000
PCE	2016	General Office Building	NaturalGas Use		kBTU/yr	203,026,000
PCE	2016	Government Office Buildi	NaturalGas Use		kBTU/yr	107,122,000
PCE	2016	Hospital	NaturalGas Use		kBTU/yr	141,293,000
PCE	2016	Hotel	NaturalGas Use		kBTU/yr	1,950,870
PCE	2016	Industrial Park	NaturalGas Use		kBTU/yr	51,534,700
PCE	2016	Junior High School	NaturalGas Use		kBTU/yr	59,999,900
PCE	2016	Medical Office Building	NaturalGas Use		kBTU/yr	11,103,700
PCE	2016	Mobile Home Park	NaturalGas Use		kBTU/yr	49,533,000
PCE	2016	Office Park	NaturalGas Use		kBTU/yr	128,124,000
PCE	2016	Regional Shopping Center	NaturalGas Use		kBTU/yr	41,336,200
PCE	2016	Retirement Community	NaturalGas Use		kBTU/yr	16,103,900
PCE	2016	Single Family Housing	NaturalGas Use		kBTU/yr	3,870,740,000
PCE	2016	Strip Mall	NaturalGas Use		kBTU/yr	165,299,000
PCE	2016	University/College (4yr)	NaturalGas Use		kBTU/yr	28,647,800
PCE	2027	Apartments high rise	NaturalGas Use		kBTU/yr	19,838,300
PCE	2027	Apartments low rise	NaturalGas Use		kBTU/yr	9,028,270
PCE	2027	Apartments mid rise	NaturalGas Use		kBTU/yr	220,558,000
PCE	2027	Condo/Townhouse	NaturalGas Use		kBTU/yr	76,401,200
PCE	2027	Condo/Townhouse High r	NaturalGas Use		kBTU/yr	28,834,500
PCE	2027	General Heavy Industry	NaturalGas Use		kBTU/yr	70,684,800
PCE	2027	General Light Industry	NaturalGas Use		kBTU/yr	109,442,000
PCE	2027	General Office Building	NaturalGas Use		kBTU/yr	136,572,000
PCE	2027	Government Office Buildi	NaturalGas Use		kBTU/yr	78,442,200
PCE	2027	Hospital	NaturalGas Use		kBTU/yr	23,913,100
PCE	2027	Hotel	NaturalGas Use		kBTU/yr	7,508,650
PCE	2027	Industrial Park	NaturalGas Use		kBTU/yr	45,562,200
PCE	2027	Junior High School	NaturalGas Use		kBTU/yr	31,907,700
PCE	2027	Medical Office Building	NaturalGas Use		kBTU/yr	33,561,200
PCE	2027	Mobile Home Park	NaturalGas Use		kBTU/yr	24,157,900

Utility Service Area	Year	Land Use	Emissions Category	Emissions Sub-Category	Activity Unit	Activity Amount
PCE	2027	Office Park	NaturalGas Use		kBTU/yr	1,302,620
PCE	2027	Regional Shopping Center	NaturalGas Use		kBTU/yr	8,597,950
PCE	2027	Retirement Community	NaturalGas Use		kBTU/yr	10,545,300
PCE	2027	Single Family Housing	NaturalGas Use		kBTU/yr	2,572,970,000
PCE	2027	Strip Mall	NaturalGas Use		kBTU/yr	118,741,000
PCE	2027	University/College (4yr)	NaturalGas Use		kBTU/yr	53,246,800
PCE	2035	Apartments high rise	NaturalGas Use		kBTU/yr	34,112,200
PCE	2035	Apartments low rise	NaturalGas Use		kBTU/yr	12,701,700
PCE	2035	Apartments mid rise	NaturalGas Use		kBTU/yr	282,148,000
PCE	2035	Condo/Townhouse	NaturalGas Use		kBTU/yr	76,401,200
PCE	2035	Condo/Townhouse High r	NaturalGas Use		kBTU/yr	28,834,500
PCE	2035	General Heavy Industry	NaturalGas Use		kBTU/yr	75,544,900
PCE	2035	General Light Industry	NaturalGas Use		kBTU/yr	120,797,000
PCE	2035	General Office Building	NaturalGas Use		kBTU/yr	154,373,000
PCE	2035	Government Office Buildi	NaturalGas Use		kBTU/yr	80,329,600
PCE	2035	Hospital	NaturalGas Use		kBTU/yr	25,127,400
PCE	2035	Hotel	NaturalGas Use		kBTU/yr	8,385,550
PCE	2035	Industrial Park	NaturalGas Use		kBTU/yr	58,013,400
PCE	2035	Junior High School	NaturalGas Use		kBTU/yr	35,576,900
PCE	2035	Medical Office Building	NaturalGas Use		kBTU/yr	33,767,700
PCE	2035	Mobile Home Park	NaturalGas Use		kBTU/yr	24,157,900
PCE	2035	Office Park	NaturalGas Use		kBTU/yr	2,067,590
PCE	2035	Regional Shopping Center	NaturalGas Use		kBTU/yr	8,615,620
PCE	2035	Retirement Community	NaturalGas Use		kBTU/yr	10,545,300
PCE	2035	Single Family Housing	NaturalGas Use		kBTU/yr	2,730,670,000
PCE	2035	Strip Mall	NaturalGas Use		kBTU/yr	128,808,000
PCE	2035	University/College (4yr)	NaturalGas Use		kBTU/yr	60,863,700
PCE	2040	Apartments high rise	NaturalGas Use		kBTU/yr	34,112,200
PCE	2040	Apartments low rise	NaturalGas Use		kBTU/yr	13,234,100
PCE	2040	Apartments mid rise	NaturalGas Use		kBTU/yr	307,439,000
PCE	2040	Condo/Townhouse	NaturalGas Use		kBTU/yr	76,381,900
PCE	2040	Condo/Townhouse High r	NaturalGas Use		kBTU/yr	28,834,500
PCE	2040	General Heavy Industry	NaturalGas Use		kBTU/yr	80,570,000
PCE	2040	General Light Industry	NaturalGas Use		kBTU/yr	133,117,000
PCE	2040	General Office Building	NaturalGas Use		kBTU/yr	166,288,000
PCE	2040	Government Office Buildi	NaturalGas Use		kBTU/yr	81,300,400
PCE	2040	Hospital	NaturalGas Use		kBTU/yr	25,127,400
PCE	2040	Hotel	NaturalGas Use		kBTU/yr	8,385,510
PCE	2040	Industrial Park	NaturalGas Use		kBTU/yr	61,157,000
PCE	2040	Junior High School	NaturalGas Use		kBTU/yr	37,108,200
PCE	2040	Medical Office Building	NaturalGas Use		kBTU/yr	34,375,300
PCE	2040	Mobile Home Park	NaturalGas Use		kBTU/yr	24,157,900
PCE	2040	Office Park	NaturalGas Use		kBTU/yr	2,067,610
PCE	2040	Regional Shopping Center	NaturalGas Use		kBTU/yr	9,536,390
PCE	2040	Retirement Community	NaturalGas Use		kBTU/yr	10,545,300
PCE	2040	Single Family Housing	NaturalGas Use		kBTU/yr	2,857,920,000

Utility Service Area	Year	Land Use	Emissions Category	Emissions Sub-Category	Activity Unit	Activity Amount
PCE	2040	Strip Mall	NaturalGas Use		kBTU/yr	130,094,000
PCE	2040	University/College (4yr)	NaturalGas Use		kBTU/yr	60,863,700
PCE	2016	Apartments high rise	Waste		tons	2,304
PCE	2016	Apartments low rise	Waste		tons	296
PCE	2016	Apartments mid rise	Waste		tons	7,927
PCE	2016	City Park	Waste		tons	1,394
PCE	2016	Condo/Townhouse	Waste		tons	3,336
PCE	2016	Condo/Townhouse High r	Waste		tons	842
PCE	2016	General Heavy Industry	Waste		tons	14,231
PCE	2016	General Light Industry	Waste		tons	9,632
PCE	2016	General Office Building	Waste		tons	9,417
PCE	2016	Government Office Buildi	Waste		tons	4,969
PCE	2016	Hospital	Waste		tons	17,309
PCE	2016	Hotel	Waste		tons	26
PCE	2016	Industrial Park	Waste		tons	3,187
PCE	2016	Junior High School	Waste		tons	6,765
PCE	2016	Medical Office Building	Waste		tons	5,981
PCE	2016	Mobile Home Park	Waste		tons	2,920
PCE	2016	Office Park	Waste		tons	9,082
PCE	2016	Regional Shopping Center	Waste		tons	2,995
PCE	2016	Retirement Community	Waste		tons	317
PCE	2016	Single Family Housing	Waste		tons	106,105
PCE	2016	Strip Mall	Waste		tons	11,978
PCE	2016	University/College (4yr)	Waste		tons	645
PCE	2027	Apartments high rise	Waste		tons	913
PCE	2027	Apartments low rise	Waste		tons	359
PCE	2027	Apartments mid rise	Waste		tons	9,569
PCE	2027	Condo/Townhouse	Waste		tons	1,523
PCE	2027	Condo/Townhouse High r	Waste		tons	575
PCE	2027	General Heavy Industry	Waste		tons	4,269
PCE	2027	General Light Industry	Waste		tons	6,742
PCE	2027	General Office Building	Waste		tons	7,092
PCE	2027	Government Office Buildi	Waste		tons	3,728
PCE	2027	Hospital	Waste		tons	3,013
PCE	2027	Hotel	Waste		tons	99
PCE	2027	Industrial Park	Waste		tons	3,784
PCE	2027	Junior High School	Waste		tons	3,792
PCE	2027	Medical Office Building	Waste		tons	18,214
PCE	2027	Mobile Home Park	Waste		tons	1,325
PCE	2027	Office Park	Waste		tons	159
PCE	2027	Regional Shopping Center	Waste		tons	641
PCE	2027	Retirement Community	Waste		tons	210
PCE	2027	Single Family Housing	Waste		tons	79,648
PCE	2027	Strip Mall	Waste		tons	9,141
PCE	2027	University/College (4yr)	Waste		tons	1,232
PCE	2035	Apartments high rise	Waste		tons	1,623

Utility Service Area	Year	Land Use	Emissions Category	Emissions Sub-Category	Activity Unit	Activity Amount
PCE	2035	Apartments low rise	Waste		tons	507
PCE	2035	Apartments mid rise	Waste		tons	12,630
PCE	2035	Condo/Townhouse	Waste		tons	1,523
PCE	2035	Condo/Townhouse High r	Waste		tons	575
PCE	2035	General Heavy Industry	Waste		tons	4,731
PCE	2035	General Light Industry	Waste		tons	7,818
PCE	2035	General Office Building	Waste		tons	8,510
PCE	2035	Government Office Buildi	Waste		tons	3,879
PCE	2035	Hospital	Waste		tons	3,211
PCE	2035	Hotel	Waste		tons	117
PCE	2035	Industrial Park	Waste		tons	5,109
PCE	2035	Junior High School	Waste		tons	4,499
PCE	2035	Medical Office Building	Waste		tons	18,410
PCE	2035	Mobile Home Park	Waste		tons	1,325
PCE	2035	Office Park	Waste		tons	252
PCE	2035	Regional Shopping Center	Waste		tons	643
PCE	2035	Retirement Community	Waste		tons	210
PCE	2035	Single Family Housing	Waste		tons	85,908
PCE	2035	Strip Mall	Waste		tons	10,420
PCE	2035	University/College (4yr)	Waste		tons	1,534
PCE	2040	Apartments high rise	Waste		tons	1,623
PCE	2040	Apartments low rise	Waste		tons	528
PCE	2040	Apartments mid rise	Waste		tons	13,887
PCE	2040	Condo/Townhouse	Waste		tons	1,523
PCE	2040	Condo/Townhouse High r	Waste		tons	575
PCE	2040	General Heavy Industry	Waste		tons	5,209
PCE	2040	General Light Industry	Waste		tons	8,990
PCE	2040	General Office Building	Waste		tons	9,459
PCE	2040	Government Office Buildi	Waste		tons	3,957
PCE	2040	Hospital	Waste		tons	3,211
PCE	2040	Hotel	Waste		tons	117
PCE	2040	Industrial Park	Waste		tons	5,440
PCE	2040	Junior High School	Waste		tons	4,795
PCE	2040	Medical Office Building	Waste		tons	18,980
PCE	2040	Mobile Home Park	Waste		tons	1,325
PCE	2040	Office Park	Waste		tons	252
PCE	2040	Regional Shopping Center	Waste		tons	760
PCE	2040	Retirement Community	Waste		tons	210
PCE	2040	Single Family Housing	Waste		tons	90,959
PCE	2040	Strip Mall	Waste		tons	10,581
PCE	2040	University/College (4yr)	Waste		tons	1,534
PCE	2016	Apartments high rise	Water		Mgal	532
PCE	2016	Apartments low rise	Water		Mgal	68
PCE	2016	Apartments mid rise	Water		Mgal	1,831
PCE	2016	City Park	Water		Mgal	19,316
PCE	2016	Condo/Townhouse	Water		Mgal	770

Utility Service Area	Year	Land Use	Emissions Category	Emissions Sub-Category	Activity Unit	Activity Amount
PCE	2016	Condo/Townhouse High r	Water		Mgal	194
PCE	2016	General Heavy Industry	Water		Mgal	2,654
PCE	2016	General Light Industry	Water		Mgal	1,796
PCE	2016	General Office Building	Water		Mgal	2,903
PCE	2016	Government Office Buildi	Water		Mgal	1,712
PCE	2016	Hospital	Water		Mgal	239
PCE	2016	Hotel	Water		Mgal	1
PCE	2016	Industrial Park	Water		Mgal	594
PCE	2016	Junior High School	Water		Mgal	383
PCE	2016	Medical Office Building	Water		Mgal	83
PCE	2016	Mobile Home Park	Water		Mgal	674
PCE	2016	Office Park	Water		Mgal	2,799
PCE	2016	Regional Shopping Center	Water		Mgal	341
PCE	2016	Retirement Community	Water		Mgal	73
PCE	2016	Single Family Housing	Water		Mgal	11,726
PCE	2016	Strip Mall	Water		Mgal	1,363
PCE	2016	University/College (4yr)	Water		Mgal	17
PCE	2027	Apartments high rise	Water		Mgal	211
PCE	2027	Apartments low rise	Water		Mgal	83
PCE	2027	Apartments mid rise	Water		Mgal	2,210
PCE	2027	Condo/Townhouse	Water		Mgal	352
PCE	2027	Condo/Townhouse High r	Water		Mgal	133
PCE	2027	General Heavy Industry	Water		Mgal	796
PCE	2027	General Light Industry	Water		Mgal	1,257
PCE	2027	General Office Building	Water		Mgal	2,186
PCE	2027	Government Office Buildi	Water		Mgal	1,284
PCE	2027	Hospital	Water		Mgal	42
PCE	2027	Hotel	Water		Mgal	5
PCE	2027	Industrial Park	Water		Mgal	706
PCE	2027	Junior High School	Water		Mgal	215
PCE	2027	Medical Office Building	Water		Mgal	252
PCE	2027	Mobile Home Park	Water		Mgal	306
PCE	2027	Office Park	Water		Mgal	49
PCE	2027	Regional Shopping Center	Water		Mgal	73
PCE	2027	Retirement Community	Water		Mgal	49
PCE	2027	Single Family Housing	Water		Mgal	8,803
PCE	2027	Strip Mall	Water		Mgal	1,040
PCE	2027	University/College (4yr)	Water		Mgal	32
PCE	2035	Apartments high rise	Water		Mgal	375
PCE	2035	Apartments low rise	Water		Mgal	117
PCE	2035	Apartments mid rise	Water		Mgal	2,917
PCE	2035	Condo/Townhouse	Water		Mgal	352
PCE	2035	Condo/Townhouse High r	Water		Mgal	133
PCE	2035	General Heavy Industry	Water		Mgal	882
PCE	2035	General Light Industry	Water		Mgal	1,458
PCE	2035	General Office Building	Water		Mgal	2,623

Utility Service Area	Year	Land Use	Emissions Category	Emissions Sub-Category	Activity Unit	Activity Amount
PCE	2035	Government Office Buildi	Water		Mgal	1,336
PCE	2035	Hospital	Water		Mgal	44
PCE	2035	Hotel	Water		Mgal	6
PCE	2035	Industrial Park	Water		Mgal	953
PCE	2035	Junior High School	Water		Mgal	255
PCE	2035	Medical Office Building	Water		Mgal	255
PCE	2035	Mobile Home Park	Water		Mgal	306
PCE	2035	Office Park	Water		Mgal	78
PCE	2035	Regional Shopping Center	Water		Mgal	73
PCE	2035	Retirement Community	Water		Mgal	49
PCE	2035	Single Family Housing	Water		Mgal	9,494
PCE	2035	Strip Mall	Water		Mgal	1,186
PCE	2035	University/College (4yr)	Water		Mgal	40
PCE	2040	Apartments high rise	Water		Mgal	375
PCE	2040	Apartments low rise	Water		Mgal	122
PCE	2040	Apartments mid rise	Water		Mgal	3,207
PCE	2040	Condo/Townhouse	Water		Mgal	352
PCE	2040	Condo/Townhouse High r	Water		Mgal	133
PCE	2040	General Heavy Industry	Water		Mgal	971
PCE	2040	General Light Industry	Water		Mgal	1,677
PCE	2040	General Office Building	Water		Mgal	2,916
PCE	2040	Government Office Buildi	Water		Mgal	1,363
PCE	2040	Hospital	Water		Mgal	44
PCE	2040	Hotel	Water		Mgal	6
PCE	2040	Industrial Park	Water		Mgal	1,015
PCE	2040	Junior High School	Water		Mgal	272
PCE	2040	Medical Office Building	Water		Mgal	263
PCE	2040	Mobile Home Park	Water		Mgal	306
PCE	2040	Office Park	Water		Mgal	78
PCE	2040	Regional Shopping Center	Water		Mgal	86
PCE	2040	Retirement Community	Water		Mgal	49
PCE	2040	Single Family Housing	Water		Mgal	10,053
PCE	2040	Strip Mall	Water		Mgal	1,204
PCE	2040	University/College (4yr)	Water		Mgal	40
PGE	2016	All	Area Source	Architectural Coating		
PGE	2016	All	Area Source	Consumer Products		
PGE	2016	All	Area Source	Hearth		
PGE	2016	All	Area Source	Landscaping		
PGE	2027	All	Area Source	Architectural Coating		
PGE	2027	All	Area Source	Consumer Products		
PGE	2027	All	Area Source	Hearth		
PGE	2027	All	Area Source	Landscaping		
PGE	2035	All	Area Source	Architectural Coating		
PGE	2035	All	Area Source	Consumer Products		
PGE	2035	All	Area Source	Hearth		
PGE	2035	All	Area Source	Landscaping		

Utility Service Area	Year	Land Use	Emissions Category	Emissions Sub-Category	Activity Unit	Activity Amount
PGE	2040	All	Area Source	Architectural Coating		
PGE	2040	All	Area Source	Consumer Products		
PGE	2040	All	Area Source	Hearth		
PGE	2040	All	Area Source	Landscaping		
PGE	2016	Apartments high rise	Electricity Use		kWh/yr	18517100
PGE	2016	Apartments low rise	Electricity Use		kWh/yr	2492070
PGE	2016	Apartments mid rise	Electricity Use		kWh/yr	63715300
PGE	2016	City Park	Electricity Use		kWh/yr	0
PGE	2016	Condo/Townhouse	Electricity Use		kWh/yr	32648400
PGE	2016	Condo/Townhouse High r	Electricity Use		kWh/yr	8238620
PGE	2016	General Heavy Industry	Electricity Use		kWh/yr	198764000
PGE	2016	General Light Industry	Electricity Use		kWh/yr	134542000
PGE	2016	General Office Building	Electricity Use		kWh/yr	172243000
PGE	2016	Government Office Buildi	Electricity Use		kWh/yr	90884400
PGE	2016	Hospital	Electricity Use		kWh/yr	35442300
PGE	2016	Hotel	Electricity Use		kWh/yr	803232
PGE	2016	Industrial Park	Electricity Use		kWh/yr	43715700
PGE	2016	Junior High School	Electricity Use		kWh/yr	45430900
PGE	2016	Medical Office Building	Electricity Use		kWh/yr	9423540
PGE	2016	Mobile Home Park	Electricity Use		kWh/yr	32469700
PGE	2016	Office Park	Electricity Use		kWh/yr	187507000
PGE	2016	Regional Shopping Center	Electricity Use		kWh/yr	38886400
PGE	2016	Retirement Community	Electricity Use		kWh/yr	3106370
PGE	2016	Single Family Housing	Electricity Use		kWh/yr	844258000
PGE	2016	Strip Mall	Electricity Use		kWh/yr	155491000
PGE	2016	University/College (4yr)	Electricity Use		kWh/yr	5864950
PGE	2027	Apartments high rise	Electricity Use		kWh/yr	25066900
PGE	2027	Apartments low rise	Electricity Use		kWh/yr	2951000
PGE	2027	Apartments mid rise	Electricity Use		kWh/yr	97537700
PGE	2027	City Park	Electricity Use		kWh/yr	0
PGE	2027	Condo/Townhouse	Electricity Use		kWh/yr	37450200
PGE	2027	Condo/Townhouse High r	Electricity Use		kWh/yr	8093770
PGE	2027	General Heavy Industry	Electricity Use		kWh/yr	202526000
PGE	2027	General Light Industry	Electricity Use		kWh/yr	153244000
PGE	2027	General Office Building	Electricity Use		kWh/yr	193842000
PGE	2027	Government Office Buildi	Electricity Use		kWh/yr	97683200
PGE	2027	Hospital	Electricity Use		kWh/yr	35276900
PGE	2027	Hotel	Electricity Use		kWh/yr	760649
PGE	2027	Industrial Park	Electricity Use		kWh/yr	59358700
PGE	2027	Junior High School	Electricity Use		kWh/yr	45581300
PGE	2027	Medical Office Building	Electricity Use		kWh/yr	9004010
PGE	2027	Mobile Home Park	Electricity Use		kWh/yr	36530200
PGE	2027	Office Park	Electricity Use		kWh/yr	173876000
PGE	2027	Regional Shopping Center	Electricity Use		kWh/yr	36233900
PGE	2027	Retirement Community	Electricity Use		kWh/yr	3138730
PGE	2027	Single Family Housing	Electricity Use		kWh/yr	1015880000

Utility Service Area	Year	Land Use	Emissions Category	Emissions Sub-Category	Activity Unit	Activity Amount
PGE	2027	Strip Mall	Electricity Use		kWh/yr	161930000
PGE	2027	University/College (4yr)	Electricity Use		kWh/yr	5661920
PGE	2035	Apartments high rise	Electricity Use		kWh/yr	24616100
PGE	2035	Apartments low rise	Electricity Use		kWh/yr	2820150
PGE	2035	Apartments mid rise	Electricity Use		kWh/yr	92499300
PGE	2035	City Park	Electricity Use		kWh/yr	0
PGE	2035	Condo/Townhouse	Electricity Use		kWh/yr	37453900
PGE	2035	Condo/Townhouse High r	Electricity Use		kWh/yr	8095160
PGE	2035	General Heavy Industry	Electricity Use		kWh/yr	200394000
PGE	2035	General Light Industry	Electricity Use		kWh/yr	149901000
PGE	2035	General Office Building	Electricity Use		kWh/yr	187876000
PGE	2035	Government Office Buildi	Electricity Use		kWh/yr	95241100
PGE	2035	Hospital	Electricity Use		kWh/yr	35046900
PGE	2035	Hotel	Electricity Use		kWh/yr	760607
PGE	2035	Industrial Park	Electricity Use		kWh/yr	56589900
PGE	2035	Junior High School	Electricity Use		kWh/yr	44836000
PGE	2035	Medical Office Building	Electricity Use		kWh/yr	8998480
PGE	2035	Mobile Home Park	Electricity Use		kWh/yr	36550400
PGE	2035	Office Park	Electricity Use		kWh/yr	174348000
PGE	2035	Regional Shopping Center	Electricity Use		kWh/yr	36002000
PGE	2035	Retirement Community	Electricity Use		kWh/yr	3138730
PGE	2035	Single Family Housing	Electricity Use		kWh/yr	1006020000
PGE	2035	Strip Mall	Electricity Use		kWh/yr	158270000
PGE	2035	University/College (4yr)	Electricity Use		kWh/yr	5608560
PGE	2040	Apartments high rise	Electricity Use		kWh/yr	32316500
PGE	2040	Apartments low rise	Electricity Use		kWh/yr	13461000
PGE	2040	Apartments mid rise	Electricity Use		kWh/yr	147106000
PGE	2040	City Park	Electricity Use		kWh/yr	0
PGE	2040	Condo/Townhouse	Electricity Use		kWh/yr	37453100
PGE	2040	Condo/Townhouse High r	Electricity Use		kWh/yr	8082980
PGE	2040	General Heavy Industry	Electricity Use		kWh/yr	225540000
PGE	2040	General Light Industry	Electricity Use		kWh/yr	179771000
PGE	2040	General Office Building	Electricity Use		kWh/yr	219883000
PGE	2040	Government Office Buildi	Electricity Use		kWh/yr	105903000
PGE	2040	Hospital	Electricity Use		kWh/yr	36097300
PGE	2040	Hotel	Electricity Use		kWh/yr	760607
PGE	2040	Industrial Park	Electricity Use		kWh/yr	67184700
PGE	2040	Junior High School	Electricity Use		kWh/yr	50727000
PGE	2040	Medical Office Building	Electricity Use		kWh/yr	9489870
PGE	2040	Mobile Home Park	Electricity Use		kWh/yr	36550400
PGE	2040	Office Park	Electricity Use		kWh/yr	173350000
PGE	2040	Regional Shopping Center	Electricity Use		kWh/yr	38542900
PGE	2040	Retirement Community	Electricity Use		kWh/yr	3138730
PGE	2040	Single Family Housing	Electricity Use		kWh/yr	1090320000
PGE	2040	Strip Mall	Electricity Use		kWh/yr	169980000
PGE	2040	University/College (4yr)	Electricity Use		kWh/yr	5834700

Utility Service Area	Year	Land Use	Emissions Category	Emissions Sub-Category	Activity Unit	Activity Amount
PGE	2016	Apartments high rise	NaturalGas Use		kBTU/yr	53081200
PGE	2016	Apartments low rise	NaturalGas Use		kBTU/yr	9258650
PGE	2016	Apartments mid rise	NaturalGas Use		kBTU/yr	182647000
PGE	2016	City Park	NaturalGas Use		kBTU/yr	0
PGE	2016	Condo/Townhouse	NaturalGas Use		kBTU/yr	169254000
PGE	2016	Condo/Townhouse High r	NaturalGas Use		kBTU/yr	42710300
PGE	2016	General Heavy Industry	NaturalGas Use		kBTU/yr	443203000
PGE	2016	General Light Industry	NaturalGas Use		kBTU/yr	300000000
PGE	2016	General Office Building	NaturalGas Use		kBTU/yr	160295000
PGE	2016	Government Office Buildi	NaturalGas Use		kBTU/yr	84579700
PGE	2016	Hospital	NaturalGas Use		kBTU/yr	118061000
PGE	2016	Hotel	NaturalGas Use		kBTU/yr	2820520
PGE	2016	Industrial Park	NaturalGas Use		kBTU/yr	40683100
PGE	2016	Junior High School	NaturalGas Use		kBTU/yr	93880200
PGE	2016	Medical Office Building	NaturalGas Use		kBTU/yr	8769820
PGE	2016	Mobile Home Park	NaturalGas Use		kBTU/yr	49533000
PGE	2016	Office Park	NaturalGas Use		kBTU/yr	188093000
PGE	2016	Regional Shopping Center	NaturalGas Use		kBTU/yr	18401800
PGE	2016	Retirement Community	NaturalGas Use		kBTU/yr	16103900
PGE	2016	Single Family Housing	NaturalGas Use		kBTU/yr	3868990000
PGE	2016	Strip Mall	NaturalGas Use		kBTU/yr	73581600
PGE	2016	University/College (4yr)	NaturalGas Use		kBTU/yr	18004400
PGE	2027	Apartments high rise	NaturalGas Use		kBTU/yr	67811400
PGE	2027	Apartments low rise	NaturalGas Use		kBTU/yr	9679130
PGE	2027	Apartments mid rise	NaturalGas Use		kBTU/yr	257117000
PGE	2027	City Park	NaturalGas Use		kBTU/yr	0
PGE	2027	Condo/Townhouse	NaturalGas Use		kBTU/yr	167138000
PGE	2027	Condo/Townhouse High r	NaturalGas Use		kBTU/yr	42197900
PGE	2027	General Heavy Industry	NaturalGas Use		kBTU/yr	481297000
PGE	2027	General Light Industry	NaturalGas Use		kBTU/yr	363908000
PGE	2027	General Office Building	NaturalGas Use		kBTU/yr	187145000
PGE	2027	Government Office Buildi	NaturalGas Use		kBTU/yr	94569500
PGE	2027	Hospital	NaturalGas Use		kBTU/yr	120766000
PGE	2027	Hotel	NaturalGas Use		kBTU/yr	2827130
PGE	2027	Industrial Park	NaturalGas Use		kBTU/yr	56703700
PGE	2027	Junior High School	NaturalGas Use		kBTU/yr	101942000
PGE	2027	Medical Office Building	NaturalGas Use		kBTU/yr	8787380
PGE	2027	Mobile Home Park	NaturalGas Use		kBTU/yr	52847900
PGE	2027	Office Park	NaturalGas Use		kBTU/yr	182839000
PGE	2027	Regional Shopping Center	NaturalGas Use		kBTU/yr	18638700
PGE	2027	Retirement Community	NaturalGas Use		kBTU/yr	15921700
PGE	2027	Single Family Housing	NaturalGas Use		kBTU/yr	3679210000
PGE	2027	Strip Mall	NaturalGas Use		kBTU/yr	82598600
PGE	2027	University/College (4yr)	NaturalGas Use		kBTU/yr	18633900
PGE	2035	Apartments high rise	NaturalGas Use		kBTU/yr	65211600
PGE	2035	Apartments low rise	NaturalGas Use		kBTU/yr	8804500

Utility Service Area	Year	Land Use	Emissions Category	Emissions Sub-Category	Activity Unit	Activity Amount
PGE	2035	Apartments mid rise	NaturalGas Use		kBTU/yr	240876000
PGE	2035	City Park	NaturalGas Use		kBTU/yr	0
PGE	2035	Condo/Townhouse	NaturalGas Use		kBTU/yr	167149000
PGE	2035	Condo/Townhouse High r	NaturalGas Use		kBTU/yr	42199400
PGE	2035	General Heavy Industry	NaturalGas Use		kBTU/yr	469133000
PGE	2035	General Light Industry	NaturalGas Use		kBTU/yr	344131000
PGE	2035	General Office Building	NaturalGas Use		kBTU/yr	173873000
PGE	2035	Government Office Buildi	NaturalGas Use		kBTU/yr	89197000
PGE	2035	Hospital	NaturalGas Use		kBTU/yr	119320000
PGE	2035	Hotel	NaturalGas Use		kBTU/yr	2826970
PGE	2035	Industrial Park	NaturalGas Use		kBTU/yr	50331700
PGE	2035	Junior High School	NaturalGas Use		kBTU/yr	97412200
PGE	2035	Medical Office Building	NaturalGas Use		kBTU/yr	8776300
PGE	2035	Mobile Home Park	NaturalGas Use		kBTU/yr	52865700
PGE	2035	Office Park	NaturalGas Use		kBTU/yr	183876000
PGE	2035	Regional Shopping Center	NaturalGas Use		kBTU/yr	18377800
PGE	2035	Retirement Community	NaturalGas Use		kBTU/yr	15921700
PGE	2035	Single Family Housing	NaturalGas Use		kBTU/yr	3624680000
PGE	2035	Strip Mall	NaturalGas Use		kBTU/yr	77893600
PGE	2035	University/College (4yr)	NaturalGas Use		kBTU/yr	18272300
PGE	2040	Apartments high rise	NaturalGas Use		kBTU/yr	85486600
PGE	2040	Apartments low rise	NaturalGas Use		kBTU/yr	39884900
PGE	2040	Apartments mid rise	NaturalGas Use		kBTU/yr	381699000
PGE	2040	City Park	NaturalGas Use		kBTU/yr	0
PGE	2040	Condo/Townhouse	NaturalGas Use		kBTU/yr	167146000
PGE	2040	Condo/Townhouse High r	NaturalGas Use		kBTU/yr	42171600
PGE	2040	General Heavy Industry	NaturalGas Use		kBTU/yr	523029000
PGE	2040	General Light Industry	NaturalGas Use		kBTU/yr	408990000
PGE	2040	General Office Building	NaturalGas Use		kBTU/yr	200549000
PGE	2040	Government Office Buildi	NaturalGas Use		kBTU/yr	98529100
PGE	2040	Hospital	NaturalGas Use		kBTU/yr	122727000
PGE	2040	Hotel	NaturalGas Use		kBTU/yr	2826970
PGE	2040	Industrial Park	NaturalGas Use		kBTU/yr	59149800
PGE	2040	Junior High School	NaturalGas Use		kBTU/yr	108598000
PGE	2040	Medical Office Building	NaturalGas Use		kBTU/yr	9134000
PGE	2040	Mobile Home Park	NaturalGas Use		kBTU/yr	52865700
PGE	2040	Office Park	NaturalGas Use		kBTU/yr	183360000
PGE	2040	Regional Shopping Center	NaturalGas Use		kBTU/yr	19490100
PGE	2040	Retirement Community	NaturalGas Use		kBTU/yr	15921700
PGE	2040	Single Family Housing	NaturalGas Use		kBTU/yr	3914570000
PGE	2040	Strip Mall	NaturalGas Use		kBTU/yr	84011400
PGE	2040	University/College (4yr)	NaturalGas Use		kBTU/yr	18934900
PGE	2016	Apartments high rise	Waste		tons	2303.68
PGE	2016	Apartments low rise	Waste		tons	295.78
PGE	2016	Apartments mid rise	Waste		tons	7926.72
PGE	2016	City Park	Waste		tons	1394.23

Utility Service Area	Year	Land Use	Emissions Category	Emissions Sub-Category	Activity Unit	Activity Amount
PGE	2016	Condo/Townhouse	Waste		tons	3335.92
PGE	2016	Condo/Townhouse High r	Waste		tons	841.8
PGE	2016	General Heavy Industry	Waste		tons	14230.2
PGE	2016	General Light Industry	Waste		tons	9632.32
PGE	2016	General Office Building	Waste		tons	9417.18
PGE	2016	Government Office Buildi	Waste		tons	4968.99
PGE	2016	Hospital	Waste		tons	17312.4
PGE	2016	Hotel	Waste		tons	25.73
PGE	2016	Industrial Park	Waste		tons	3186.8
PGE	2016	Junior High School	Waste		tons	6765.2
PGE	2016	Medical Office Building	Waste		tons	5983.2
PGE	2016	Mobile Home Park	Waste		tons	2919.62
PGE	2016	Office Park	Waste		tons	9082.38
PGE	2016	Regional Shopping Center	Waste		tons	2995.65
PGE	2016	Retirement Community	Waste		tons	317.4
PGE	2016	Single Family Housing	Waste		tons	106057
PGE	2016	Strip Mall	Waste		tons	11978.4
PGE	2016	University/College (4yr)	Waste		tons	644.8
PGE	2027	Apartments high rise	Waste		tons	2794.24
PGE	2027	Apartments low rise	Waste		tons	307.15
PGE	2027	Apartments mid rise	Waste		tons	10651.5
PGE	2027	City Park	Waste		tons	1394.21
PGE	2027	Condo/Townhouse	Waste		tons	3331.4
PGE	2027	Condo/Townhouse High r	Waste		tons	840.42
PGE	2027	General Heavy Industry	Waste		tons	15550
PGE	2027	General Light Industry	Waste		tons	11846.8
PGE	2027	General Office Building	Waste		tons	11323.7
PGE	2027	Government Office Buildi	Waste		tons	5677.84
PGE	2027	Hospital	Waste		tons	17745.3
PGE	2027	Hotel	Waste		tons	25.79
PGE	2027	Industrial Park	Waste		tons	4703.18
PGE	2027	Junior High School	Waste		tons	7453.55
PGE	2027	Medical Office Building	Waste		tons	5998.97
PGE	2027	Mobile Home Park	Waste		tons	2896.16
PGE	2027	Office Park	Waste		tons	8773.99
PGE	2027	Regional Shopping Center	Waste		tons	3043.65
PGE	2027	Retirement Community	Waste		tons	317.4
PGE	2027	Single Family Housing	Waste		tons	112313
PGE	2027	Strip Mall	Waste		tons	13722.9
PGE	2027	University/College (4yr)	Waste		tons	672.02
PGE	2035	Apartments high rise	Waste		tons	2794.24
PGE	2035	Apartments low rise	Waste		tons	307.15
PGE	2035	Apartments mid rise	Waste		tons	10651.5
PGE	2035	City Park	Waste		tons	1394.21
PGE	2035	Condo/Townhouse	Waste		tons	3331.4
PGE	2035	Condo/Townhouse High r	Waste		tons	840.42

Utility Service Area	Year	Land Use	Emissions Category	Emissions Sub-Category	Activity Unit	Activity Amount
PGE	2035	General Heavy Industry	Waste		tons	15550
PGE	2035	General Light Industry	Waste		tons	11846.8
PGE	2035	General Office Building	Waste		tons	11323.7
PGE	2035	Government Office Buildi	Waste		tons	5677.84
PGE	2035	Hospital	Waste		tons	17745.3
PGE	2035	Hotel	Waste		tons	25.79
PGE	2035	Industrial Park	Waste		tons	4703.18
PGE	2035	Junior High School	Waste		tons	7453.55
PGE	2035	Medical Office Building	Waste		tons	5998.97
PGE	2035	Mobile Home Park	Waste		tons	2896.16
PGE	2035	Office Park	Waste		tons	8773.99
PGE	2035	Regional Shopping Center	Waste		tons	3043.65
PGE	2035	Retirement Community	Waste		tons	317.4
PGE	2035	Single Family Housing	Waste		tons	112313
PGE	2035	Strip Mall	Waste		tons	13722.9
PGE	2035	University/College (4yr)	Waste		tons	672.02
PGE	2040	Apartments high rise	Waste		tons	3672.86
PGE	2040	Apartments low rise	Waste		tons	1522.38
PGE	2040	Apartments mid rise	Waste		tons	16989.9
PGE	2040	City Park	Waste		tons	1388.04
PGE	2040	Condo/Townhouse	Waste		tons	3331.31
PGE	2040	Condo/Townhouse High r	Waste		tons	839.04
PGE	2040	General Heavy Industry	Waste		tons	17667
PGE	2040	General Light Industry	Waste		tons	14326.2
PGE	2040	General Office Building	Waste		tons	13418
PGE	2040	Government Office Buildi	Waste		tons	6350.11
PGE	2040	Hospital	Waste		tons	18320
PGE	2040	Hotel	Waste		tons	25.79
PGE	2040	Industrial Park	Waste		tons	5628.99
PGE	2040	Junior High School	Waste		tons	8520.04
PGE	2040	Medical Office Building	Waste		tons	6405.7
PGE	2040	Mobile Home Park	Waste		tons	2896.16
PGE	2040	Office Park	Waste		tons	8700.25
PGE	2040	Regional Shopping Center	Waste		tons	3279.58
PGE	2040	Retirement Community	Waste		tons	317.4
PGE	2040	Single Family Housing	Waste		tons	122071
PGE	2040	Strip Mall	Waste		tons	14677.5
PGE	2040	University/College (4yr)	Waste		tons	702.08
PGE	2016	Apartments high rise	Water		Mgal	531.996
PGE	2016	Apartments low rise	Water		Mgal	68.3055
PGE	2016	Apartments mid rise	Water		Mgal	1830.541
PGE	2016	City Park	Water		Mgal	19316.3
PGE	2016	Condo/Townhouse	Water		Mgal	770.376
PGE	2016	Condo/Townhouse High r	Water		Mgal	194.3999
PGE	2016	General Heavy Industry	Water		Mgal	2653.82
PGE	2016	General Light Industry	Water		Mgal	1796.35

Utility Service Area	Year	Land Use	Emissions Category	Emissions Sub-Category	Activity Unit	Activity Amount
PGE	2016	General Office Building	Water		Mgal	2902.79
PGE	2016	Government Office Buildi	Water		Mgal	1711.999
PGE	2016	Hospital	Water		Mgal	239.4584
PGE	2016	Hotel	Water		Mgal	1.324711
PGE	2016	Industrial Park	Water		Mgal	594.313
PGE	2016	Junior High School	Water		Mgal	383.256
PGE	2016	Medical Office Building	Water		Mgal	82.7574
PGE	2016	Mobile Home Park	Water		Mgal	674.238
PGE	2016	Office Park	Water		Mgal	2799.6
PGE	2016	Regional Shopping Center	Water		Mgal	340.853
PGE	2016	Retirement Community	Water		Mgal	73.2983
PGE	2016	Single Family Housing	Water		Mgal	11721.13
PGE	2016	Strip Mall	Water		Mgal	1362.934
PGE	2016	University/College (4yr)	Water		Mgal	16.99179
PGE	2027	Apartments high rise	Water		Mgal	645.283
PGE	2027	Apartments low rise	Water		Mgal	70.9304
PGE	2027	Apartments mid rise	Water		Mgal	2459.786
PGE	2027	City Park	Water		Mgal	19315.9
PGE	2027	Condo/Townhouse	Water		Mgal	769.332
PGE	2027	Condo/Townhouse High r	Water		Mgal	194.0807
PGE	2027	General Heavy Industry	Water		Mgal	2899.94
PGE	2027	General Light Industry	Water		Mgal	2209.34
PGE	2027	General Office Building	Water		Mgal	3490.47
PGE	2027	Government Office Buildi	Water		Mgal	1956.224
PGE	2027	Hospital	Water		Mgal	245.4463
PGE	2027	Hotel	Water		Mgal	1.327811
PGE	2027	Industrial Park	Water		Mgal	877.106
PGE	2027	Junior High School	Water		Mgal	422.252
PGE	2027	Medical Office Building	Water		Mgal	82.9755
PGE	2027	Mobile Home Park	Water		Mgal	668.82
PGE	2027	Office Park	Water		Mgal	2704.53
PGE	2027	Regional Shopping Center	Water		Mgal	346.314
PGE	2027	Retirement Community	Water		Mgal	73.2983
PGE	2027	Single Family Housing	Water		Mgal	12412.58
PGE	2027	Strip Mall	Water		Mgal	1561.424
PGE	2027	University/College (4yr)	Water		Mgal	17.709
PGE	2035	Apartments high rise	Water		Mgal	645.283
PGE	2035	Apartments low rise	Water		Mgal	70.9304
PGE	2035	Apartments mid rise	Water		Mgal	2459.786
PGE	2035	City Park	Water		Mgal	19315.9
PGE	2035	Condo/Townhouse	Water		Mgal	769.332
PGE	2035	Condo/Townhouse High r	Water		Mgal	194.0807
PGE	2035	General Heavy Industry	Water		Mgal	2899.94
PGE	2035	General Light Industry	Water		Mgal	2209.34
PGE	2035	General Office Building	Water		Mgal	3490.47
PGE	2035	Government Office Buildi	Water		Mgal	1956.224

Utility Service Area	Year	Land Use	Emissions Category	Emissions Sub-Category	Activity Unit	Activity Amount
PGE	2035	Hospital	Water		Mgal	245.4463
PGE	2035	Hotel	Water		Mgal	1.327811
PGE	2035	Industrial Park	Water		Mgal	877.106
PGE	2035	Junior High School	Water		Mgal	422.252
PGE	2035	Medical Office Building	Water		Mgal	82.9755
PGE	2035	Mobile Home Park	Water		Mgal	668.82
PGE	2035	Office Park	Water		Mgal	2704.53
PGE	2035	Regional Shopping Center	Water		Mgal	346.314
PGE	2035	Retirement Community	Water		Mgal	73.2983
PGE	2035	Single Family Housing	Water		Mgal	12412.58
PGE	2035	Strip Mall	Water		Mgal	1561.424
PGE	2035	University/College (4yr)	Water		Mgal	17.709
PGE	2040	Apartments high rise	Water		Mgal	848.185
PGE	2040	Apartments low rise	Water		Mgal	351.569
PGE	2040	Apartments mid rise	Water		Mgal	3923.53
PGE	2040	City Park	Water		Mgal	19230.5
PGE	2040	Condo/Townhouse	Water		Mgal	769.311
PGE	2040	Condo/Townhouse High r	Water		Mgal	193.7625
PGE	2040	General Heavy Industry	Water		Mgal	3294.76
PGE	2040	General Light Industry	Water		Mgal	2671.72
PGE	2040	General Office Building	Water		Mgal	4136.03
PGE	2040	Government Office Buildi	Water		Mgal	2187.84
PGE	2040	Hospital	Water		Mgal	253.3964
PGE	2040	Hotel	Water		Mgal	1.327811
PGE	2040	Industrial Park	Water		Mgal	1049.76
PGE	2040	Junior High School	Water		Mgal	482.67
PGE	2040	Medical Office Building	Water		Mgal	88.6012
PGE	2040	Mobile Home Park	Water		Mgal	668.82
PGE	2040	Office Park	Water		Mgal	2681.81
PGE	2040	Regional Shopping Center	Water		Mgal	373.16
PGE	2040	Retirement Community	Water		Mgal	73.2983
PGE	2040	Single Family Housing	Water		Mgal	13491.03
PGE	2040	Strip Mall	Water		Mgal	1670.048
PGE	2040	University/College (4yr)	Water		Mgal	18.50117
RE	2016	All	Area Source	Architectural Coating		
RE	2016	All	Area Source	Consumer Products		
RE	2016	All	Area Source	Hearth		
RE	2016	All	Area Source	Landscaping		
RE	2027	All	Area Source	Architectural Coating		
RE	2027	All	Area Source	Consumer Products		
RE	2027	All	Area Source	Hearth		
RE	2027	All	Area Source	Landscaping		
RE	2035	All	Area Source	Architectural Coating		
RE	2035	All	Area Source	Consumer Products		
RE	2035	All	Area Source	Hearth		
RE	2035	All	Area Source	Landscaping		

Utility Service Area	Year	Land Use	Emissions Category	Emissions Sub-Category	Activity Unit	Activity Amount
RE	2040	All	Area Source	Architectural Coating		
RE	2040	All	Area Source	Consumer Products		
RE	2040	All	Area Source	Hearth		
RE	2040	All	Area Source	Landscaping		
RE	2016	Apartments high rise	Electricity Use		kWh/yr	4536830
RE	2016	Apartments mid rise	Electricity Use		kWh/yr	36224400
RE	2016	Condo/Townhouse	Electricity Use		kWh/yr	26629200
RE	2016	Condo/Townhouse High r	Electricity Use		kWh/yr	9224560
RE	2016	General Heavy Industry	Electricity Use		kWh/yr	13269200
RE	2016	General Light Industry	Electricity Use		kWh/yr	22114100
RE	2016	General Office Building	Electricity Use		kWh/yr	65998600
RE	2016	Government Office Buildi	Electricity Use		kWh/yr	15233800
RE	2016	Hospital	Electricity Use		kWh/yr	23740900
RE	2016	Hotel	Electricity Use		kWh/yr	4138330
RE	2016	Industrial Park	Electricity Use		kWh/yr	32807000
RE	2016	Junior High School	Electricity Use		kWh/yr	8432030
RE	2016	Medical Office Building	Electricity Use		kWh/yr	55440600
RE	2016	Mobile Home Park	Electricity Use		kWh/yr	2726690
RE	2016	Regional Shopping Center	Electricity Use		kWh/yr	71927600
RE	2016	Retirement Community	Electricity Use		kWh/yr	3615090
RE	2016	Single Family Housing	Electricity Use		kWh/yr	238430000
RE	2016	Strip Mall	Electricity Use		kWh/yr	98281400
RE	2027	Apartments high rise	Electricity Use		kWh/yr	11795000
RE	2027	Apartments low rise	Electricity Use		kWh/yr	2522110
RE	2027	Apartments mid rise	Electricity Use		kWh/yr	53435900
RE	2027	Condo/Townhouse	Electricity Use		kWh/yr	30602000
RE	2027	Condo/Townhouse High r	Electricity Use		kWh/yr	9079440
RE	2027	General Heavy Industry	Electricity Use		kWh/yr	18102600
RE	2027	General Light Industry	Electricity Use		kWh/yr	27189300
RE	2027	General Office Building	Electricity Use		kWh/yr	80821500
RE	2027	Government Office Buildi	Electricity Use		kWh/yr	18400900
RE	2027	Hospital	Electricity Use		kWh/yr	24344500
RE	2027	Hotel	Electricity Use		kWh/yr	3717990
RE	2027	Industrial Park	Electricity Use		kWh/yr	32804200
RE	2027	Junior High School	Electricity Use		kWh/yr	8842120
RE	2027	Medical Office Building	Electricity Use		kWh/yr	52542100
RE	2027	Mobile Home Park	Electricity Use		kWh/yr	3090980
RE	2027	Office Park	Electricity Use		kWh/yr	307805
RE	2027	Regional Shopping Center	Electricity Use		kWh/yr	66047500
RE	2027	Retirement Community	Electricity Use		kWh/yr	3652760
RE	2027	Single Family Housing	Electricity Use		kWh/yr	298506000
RE	2027	Strip Mall	Electricity Use		kWh/yr	97921400
RE	2035	Apartments high rise	Electricity Use		kWh/yr	11795300
RE	2035	Apartments low rise	Electricity Use		kWh/yr	3232180
RE	2035	Apartments mid rise	Electricity Use		kWh/yr	57446000
RE	2035	Condo/Townhouse	Electricity Use		kWh/yr	30623500

Utility Service Area	Year	Land Use	Emissions Category	Emissions Sub-Category	Activity Unit	Activity Amount
RE	2035	Condo/Townhouse High r	Electricity Use		kWh/yr	9081110
RE	2035	General Heavy Industry	Electricity Use		kWh/yr	20578300
RE	2035	General Light Industry	Electricity Use		kWh/yr	30216300
RE	2035	General Office Building	Electricity Use		kWh/yr	89073100
RE	2035	Government Office Buildi	Electricity Use		kWh/yr	20284700
RE	2035	Hospital	Electricity Use		kWh/yr	24950600
RE	2035	Hotel	Electricity Use		kWh/yr	3717970
RE	2035	Industrial Park	Electricity Use		kWh/yr	33644500
RE	2035	Junior High School	Electricity Use		kWh/yr	9478290
RE	2035	Medical Office Building	Electricity Use		kWh/yr	52838300
RE	2035	Mobile Home Park	Electricity Use		kWh/yr	3090980
RE	2035	Office Park	Electricity Use		kWh/yr	440972
RE	2035	Regional Shopping Center	Electricity Use		kWh/yr	66270400
RE	2035	Retirement Community	Electricity Use		kWh/yr	3652760
RE	2035	Single Family Housing	Electricity Use		kWh/yr	300777000
RE	2035	Strip Mall	Electricity Use		kWh/yr	101902000
RE	2040	Apartments high rise	Electricity Use		kWh/yr	11937000
RE	2040	Apartments low rise	Electricity Use		kWh/yr	4750430
RE	2040	Apartments mid rise	Electricity Use		kWh/yr	59589200
RE	2040	Condo/Townhouse	Electricity Use		kWh/yr	30618600
RE	2040	Condo/Townhouse High r	Electricity Use		kWh/yr	9081110
RE	2040	General Heavy Industry	Electricity Use		kWh/yr	25414100
RE	2040	General Light Industry	Electricity Use		kWh/yr	31335000
RE	2040	General Office Building	Electricity Use		kWh/yr	89066000
RE	2040	Government Office Buildi	Electricity Use		kWh/yr	20217600
RE	2040	Hospital	Electricity Use		kWh/yr	24950600
RE	2040	Hotel	Electricity Use		kWh/yr	3717970
RE	2040	Industrial Park	Electricity Use		kWh/yr	33754000
RE	2040	Junior High School	Electricity Use		kWh/yr	9916840
RE	2040	Medical Office Building	Electricity Use		kWh/yr	53176100
RE	2040	Mobile Home Park	Electricity Use		kWh/yr	3090980
RE	2040	Office Park	Electricity Use		kWh/yr	487794
RE	2040	Regional Shopping Center	Electricity Use		kWh/yr	70068100
RE	2040	Retirement Community	Electricity Use		kWh/yr	3652760
RE	2040	Single Family Housing	Electricity Use		kWh/yr	303492000
RE	2040	Strip Mall	Electricity Use		kWh/yr	108073000
RE	2016	Apartments high rise	NaturalGas Use		kBTU/yr	13005300
RE	2016	Apartments mid rise	NaturalGas Use		kBTU/yr	103841000
RE	2016	Condo/Townhouse	NaturalGas Use		kBTU/yr	138050000
RE	2016	Condo/Townhouse High r	NaturalGas Use		kBTU/yr	47821500
RE	2016	General Heavy Industry	NaturalGas Use		kBTU/yr	30148500
RE	2016	General Light Industry	NaturalGas Use		kBTU/yr	50244800
RE	2016	General Office Building	NaturalGas Use		kBTU/yr	113100000
RE	2016	Government Office Buildi	NaturalGas Use		kBTU/yr	26105700
RE	2016	Hospital	NaturalGas Use		kBTU/yr	124140000
RE	2016	Hotel	NaturalGas Use		kBTU/yr	14271500

Utility Service Area	Year	Land Use	Emissions Category	Emissions Sub-Category	Activity Unit	Activity Amount
RE	2016	Industrial Park	NaturalGas Use		kBTU/yr	56220600
RE	2016	Junior High School	NaturalGas Use		kBTU/yr	14403200
RE	2016	Medical Office Building	NaturalGas Use		kBTU/yr	95007100
RE	2016	Mobile Home Park	NaturalGas Use		kBTU/yr	4159620
RE	2016	Regional Shopping Center	NaturalGas Use		kBTU/yr	73812300
RE	2016	Retirement Community	NaturalGas Use		kBTU/yr	18741200
RE	2016	Single Family Housing	NaturalGas Use		kBTU/yr	1092660000
RE	2016	Strip Mall	NaturalGas Use		kBTU/yr	100857000
RE	2027	Apartments high rise	NaturalGas Use		kBTU/yr	30397700
RE	2027	Apartments low rise	NaturalGas Use		kBTU/yr	7243740
RE	2027	Apartments mid rise	NaturalGas Use		kBTU/yr	143381000
RE	2027	Condo/Townhouse	NaturalGas Use		kBTU/yr	136548000
RE	2027	Condo/Townhouse High r	NaturalGas Use		kBTU/yr	47285000
RE	2027	General Heavy Industry	NaturalGas Use		kBTU/yr	39586300
RE	2027	General Light Industry	NaturalGas Use		kBTU/yr	61066600
RE	2027	General Office Building	NaturalGas Use		kBTU/yr	137327000
RE	2027	Government Office Buildi	NaturalGas Use		kBTU/yr	31381600
RE	2027	Hospital	NaturalGas Use		kBTU/yr	130839000
RE	2027	Hotel	NaturalGas Use		kBTU/yr	14271500
RE	2027	Industrial Park	NaturalGas Use		kBTU/yr	58775500
RE	2027	Junior High School	NaturalGas Use		kBTU/yr	15892300
RE	2027	Medical Office Building	NaturalGas Use		kBTU/yr	95600800
RE	2027	Mobile Home Park	NaturalGas Use		kBTU/yr	4470890
RE	2027	Office Park	NaturalGas Use		kBTU/yr	243945
RE	2027	Regional Shopping Center	NaturalGas Use		kBTU/yr	74226300
RE	2027	Retirement Community	NaturalGas Use		kBTU/yr	18529200
RE	2027	Single Family Housing	NaturalGas Use		kBTU/yr	1076100000
RE	2027	Strip Mall	NaturalGas Use		kBTU/yr	107458000
RE	2035	Apartments high rise	NaturalGas Use		kBTU/yr	30398500
RE	2035	Apartments low rise	NaturalGas Use		kBTU/yr	9283140
RE	2035	Apartments mid rise	NaturalGas Use		kBTU/yr	154996000
RE	2035	Condo/Townhouse	NaturalGas Use		kBTU/yr	136651000
RE	2035	Condo/Townhouse High r	NaturalGas Use		kBTU/yr	47294400
RE	2035	General Heavy Industry	NaturalGas Use		kBTU/yr	45421700
RE	2035	General Light Industry	NaturalGas Use		kBTU/yr	68494900
RE	2035	General Office Building	NaturalGas Use		kBTU/yr	153547000
RE	2035	Government Office Buildi	NaturalGas Use		kBTU/yr	35130100
RE	2035	Hospital	NaturalGas Use		kBTU/yr	134597000
RE	2035	Hotel	NaturalGas Use		kBTU/yr	14271400
RE	2035	Industrial Park	NaturalGas Use		kBTU/yr	60616300
RE	2035	Junior High School	NaturalGas Use		kBTU/yr	17236200
RE	2035	Medical Office Building	NaturalGas Use		kBTU/yr	96315400
RE	2035	Mobile Home Park	NaturalGas Use		kBTU/yr	4470890
RE	2035	Office Park	NaturalGas Use		kBTU/yr	349484
RE	2035	Regional Shopping Center	NaturalGas Use		kBTU/yr	74534800
RE	2035	Retirement Community	NaturalGas Use		kBTU/yr	18529200

Utility Service Area	Year	Land Use	Emissions Category	Emissions Sub-Category	Activity Unit	Activity Amount
RE	2035	Single Family Housing	NaturalGas Use		kBTU/yr	1085190000
RE	2035	Strip Mall	NaturalGas Use		kBTU/yr	112628000
RE	2040	Apartments high rise	NaturalGas Use		kBTU/yr	30744100
RE	2040	Apartments low rise	NaturalGas Use		kBTU/yr	13643700
RE	2040	Apartments mid rise	NaturalGas Use		kBTU/yr	158383000
RE	2040	Condo/Townhouse	NaturalGas Use		kBTU/yr	136614000
RE	2040	Condo/Townhouse High r	NaturalGas Use		kBTU/yr	47288700
RE	2040	General Heavy Industry	NaturalGas Use		kBTU/yr	51582700
RE	2040	General Light Industry	NaturalGas Use		kBTU/yr	67886500
RE	2040	General Office Building	NaturalGas Use		kBTU/yr	148069000
RE	2040	Government Office Buildi	NaturalGas Use		kBTU/yr	33728600
RE	2040	Hospital	NaturalGas Use		kBTU/yr	133712000
RE	2040	Hotel	NaturalGas Use		kBTU/yr	14271400
RE	2040	Industrial Park	NaturalGas Use		kBTU/yr	60000200
RE	2040	Junior High School	NaturalGas Use		kBTU/yr	17312400
RE	2040	Medical Office Building	NaturalGas Use		kBTU/yr	96436300
RE	2040	Mobile Home Park	NaturalGas Use		kBTU/yr	4470890
RE	2040	Office Park	NaturalGas Use		kBTU/yr	386592
RE	2040	Regional Shopping Center	NaturalGas Use		kBTU/yr	77356500
RE	2040	Retirement Community	NaturalGas Use		kBTU/yr	18529200
RE	2040	Single Family Housing	NaturalGas Use		kBTU/yr	1091650000
RE	2040	Strip Mall	NaturalGas Use		kBTU/yr	115388000
RE	2016	Apartments high rise	Waste		tons	564.42
RE	2016	Apartments mid rise	Waste		tons	4506.62
RE	2016	Condo/Townhouse	Waste		tons	2720.9
RE	2016	Condo/Townhouse High r	Waste		tons	942.54
RE	2016	General Heavy Industry	Waste		tons	1708.6
RE	2016	General Light Industry	Waste		tons	2847.51
RE	2016	General Office Building	Waste		tons	5246.05
RE	2016	Government Office Buildi	Waste		tons	1210.89
RE	2016	Hospital	Waste		tons	15207.7
RE	2016	Hotel	Waste		tons	188.68
RE	2016	Industrial Park	Waste		tons	3476.98
RE	2016	Junior High School	Waste		tons	1623.95
RE	2016	Medical Office Building	Waste		tons	51175.9
RE	2016	Mobile Home Park	Waste		tons	245.18
RE	2016	Regional Shopping Center	Waste		tons	5348.72
RE	2016	Retirement Community	Waste		tons	369.38
RE	2016	Single Family Housing	Waste		tons	29952
RE	2016	Strip Mall	Waste		tons	7308.46
RE	2027	Apartments high rise	Waste		tons	1369.77
RE	2027	Apartments low rise	Waste		tons	291.27
RE	2027	Apartments mid rise	Waste		tons	5999.32
RE	2027	Condo/Townhouse	Waste		tons	2722.31
RE	2027	Condo/Townhouse High r	Waste		tons	942.76
RE	2027	General Heavy Industry	Waste		tons	2604.09

Utility Service Area	Year	Land Use	Emissions Category	Emissions Sub-Category	Activity Unit	Activity Amount
RE	2027	General Light Industry	Waste		tons	3875.26
RE	2027	General Office Building	Waste		tons	7178.99
RE	2027	Government Office Buildi	Waste		tons	1631.35
RE	2027	Hospital	Waste		tons	16300.1
RE	2027	Hotel	Waste		tons	188.68
RE	2027	Industrial Park	Waste		tons	3749.05
RE	2027	Junior High School	Waste		tons	1909.43
RE	2027	Medical Office Building	Waste		tons	51727.9
RE	2027	Mobile Home Park	Waste		tons	245.18
RE	2027	Office Park	Waste		tons	29.69
RE	2027	Regional Shopping Center	Waste		tons	5401.08
RE	2027	Retirement Community	Waste		tons	369.38
RE	2027	Single Family Housing	Waste		tons	33310.8
RE	2027	Strip Mall	Waste		tons	8140.73
RE	2035	Apartments high rise	Waste		tons	1369.81
RE	2035	Apartments low rise	Waste		tons	373.28
RE	2035	Apartments mid rise	Waste		tons	6485.31
RE	2035	Condo/Townhouse	Waste		tons	2724.38
RE	2035	Condo/Townhouse High r	Waste		tons	942.94
RE	2035	General Heavy Industry	Waste		tons	2987.95
RE	2035	General Light Industry	Waste		tons	4346.66
RE	2035	General Office Building	Waste		tons	8026.93
RE	2035	Government Office Buildi	Waste		tons	1826.21
RE	2035	Hospital	Waste		tons	16768.3
RE	2035	Hotel	Waste		tons	188.68
RE	2035	Industrial Park	Waste		tons	3866.47
RE	2035	Junior High School	Waste		tons	2070.89
RE	2035	Medical Office Building	Waste		tons	52114.5
RE	2035	Mobile Home Park	Waste		tons	245.18
RE	2035	Office Park	Waste		tons	42.54
RE	2035	Regional Shopping Center	Waste		tons	5423.53
RE	2035	Retirement Community	Waste		tons	369.38
RE	2035	Single Family Housing	Waste		tons	33592
RE	2035	Strip Mall	Waste		tons	8532.46
RE	2040	Apartments high rise	Waste		tons	1386.99
RE	2040	Apartments low rise	Waste		tons	548.61
RE	2040	Apartments mid rise	Waste		tons	6745.07
RE	2040	Condo/Townhouse	Waste		tons	2723.9
RE	2040	Condo/Townhouse High r	Waste		tons	942.94
RE	2040	General Heavy Industry	Waste		tons	3742.69
RE	2040	General Light Industry	Waste		tons	4523.33
RE	2040	General Office Building	Waste		tons	8034.08
RE	2040	Government Office Buildi	Waste		tons	1818.41
RE	2040	Hospital	Waste		tons	16768.3
RE	2040	Hotel	Waste		tons	188.68
RE	2040	Industrial Park	Waste		tons	3879.05

Utility Service Area	Year	Land Use	Emissions Category	Emissions Sub-Category	Activity Unit	Activity Amount
RE	2040	Junior High School	Waste		tons	2185.07
RE	2040	Medical Office Building	Waste		tons	52495.6
RE	2040	Mobile Home Park	Waste		tons	245.18
RE	2040	Office Park	Waste		tons	47.06
RE	2040	Regional Shopping Center	Waste		tons	5797.6
RE	2040	Retirement Community	Waste		tons	369.38
RE	2040	Single Family Housing	Waste		tons	33928.2
RE	2040	Strip Mall	Waste		tons	9143.95
RE	2016	Apartments high rise	Water		Mgal	130.3435
RE	2016	Apartments mid rise	Water		Mgal	1040.729
RE	2016	Condo/Townhouse	Water		Mgal	628.347
RE	2016	Condo/Townhouse High r	Water		Mgal	217.6644
RE	2016	General Heavy Industry	Water		Mgal	318.639
RE	2016	General Light Industry	Water		Mgal	531.038
RE	2016	General Office Building	Water		Mgal	1617.065
RE	2016	Government Office Buildi	Water		Mgal	417.195
RE	2016	Hospital	Water		Mgal	210.3476
RE	2016	Hotel	Water		Mgal	9.7135
RE	2016	Industrial Park	Water		Mgal	648.43
RE	2016	Junior High School	Water		Mgal	91.9984
RE	2016	Medical Office Building	Water		Mgal	707.846
RE	2016	Mobile Home Park	Water		Mgal	56.6203
RE	2016	Regional Shopping Center	Water		Mgal	608.592
RE	2016	Retirement Community	Water		Mgal	85.3022
RE	2016	Single Family Housing	Water		Mgal	3310.21
RE	2016	Strip Mall	Water		Mgal	831.576
RE	2027	Apartments high rise	Water		Mgal	316.326
RE	2027	Apartments low rise	Water		Mgal	67.2644
RE	2027	Apartments mid rise	Water		Mgal	1385.444
RE	2027	Condo/Townhouse	Water		Mgal	628.673
RE	2027	Condo/Townhouse High r	Water		Mgal	217.7137
RE	2027	General Heavy Industry	Water		Mgal	485.641
RE	2027	General Light Industry	Water		Mgal	722.705
RE	2027	General Office Building	Water		Mgal	2212.885
RE	2027	Government Office Buildi	Water		Mgal	562.06
RE	2027	Hospital	Water		Mgal	225.4571
RE	2027	Hotel	Water		Mgal	9.7135
RE	2027	Industrial Park	Water		Mgal	699.168
RE	2027	Junior High School	Water		Mgal	108.1711
RE	2027	Medical Office Building	Water		Mgal	715.481
RE	2027	Mobile Home Park	Water		Mgal	56.6203
RE	2027	Office Park	Water		Mgal	9.15329
RE	2027	Regional Shopping Center	Water		Mgal	614.55
RE	2027	Retirement Community	Water		Mgal	85.3022
RE	2027	Single Family Housing	Water		Mgal	3681.44
RE	2027	Strip Mall	Water		Mgal	926.274

Utility Service Area	Year	Land Use	Emissions Category	Emissions Sub-Category	Activity Unit	Activity Amount
RE	2035	Apartments high rise	Water		Mgal	316.334
RE	2035	Apartments low rise	Water		Mgal	86.2019
RE	2035	Apartments mid rise	Water		Mgal	1497.675
RE	2035	Condo/Townhouse	Water		Mgal	629.15
RE	2035	Condo/Townhouse High r	Water		Mgal	217.7576
RE	2035	General Heavy Industry	Water		Mgal	557.229
RE	2035	General Light Industry	Water		Mgal	810.617
RE	2035	General Office Building	Water		Mgal	2474.258
RE	2035	Government Office Buildi	Water		Mgal	629.197
RE	2035	Hospital	Water		Mgal	231.9333
RE	2035	Hotel	Water		Mgal	9.7135
RE	2035	Industrial Park	Water		Mgal	721.065
RE	2035	Junior High School	Water		Mgal	117.3181
RE	2035	Medical Office Building	Water		Mgal	720.829
RE	2035	Mobile Home Park	Water		Mgal	56.6203
RE	2035	Office Park	Water		Mgal	13.11216
RE	2035	Regional Shopping Center	Water		Mgal	617.105
RE	2035	Retirement Community	Water		Mgal	85.3022
RE	2035	Single Family Housing	Water		Mgal	3712.52
RE	2035	Strip Mall	Water		Mgal	970.845
RE	2040	Apartments high rise	Water		Mgal	320.302
RE	2040	Apartments low rise	Water		Mgal	126.6934
RE	2040	Apartments mid rise	Water		Mgal	1557.663
RE	2040	Condo/Townhouse	Water		Mgal	629.04
RE	2040	Condo/Townhouse High r	Water		Mgal	217.7576
RE	2040	General Heavy Industry	Water		Mgal	697.982
RE	2040	General Light Industry	Water		Mgal	843.565
RE	2040	General Office Building	Water		Mgal	2476.465
RE	2040	Government Office Buildi	Water		Mgal	626.508
RE	2040	Hospital	Water		Mgal	231.9333
RE	2040	Hotel	Water		Mgal	9.7135
RE	2040	Industrial Park	Water		Mgal	723.412
RE	2040	Junior High School	Water		Mgal	123.7864
RE	2040	Medical Office Building	Water		Mgal	726.099
RE	2040	Mobile Home Park	Water		Mgal	56.6203
RE	2040	Office Park	Water		Mgal	14.50537
RE	2040	Regional Shopping Center	Water		Mgal	659.666
RE	2040	Retirement Community	Water		Mgal	85.3022
RE	2040	Single Family Housing	Water		Mgal	3749.66
RE	2040	Strip Mall	Water		Mgal	1040.423
SMUD	2016	All	Area Source	Architectural Coating		
SMUD	2016	All	Area Source	Consumer Products		
SMUD	2016	All	Area Source	Hearth		
SMUD	2016	All	Area Source	Landscaping		
SMUD	2027	All	Area Source	Architectural Coating		
SMUD	2027	All	Area Source	Consumer Products		

Utility Service Area	Year	Land Use	Emissions Category	Emissions Sub-Category	Activity Unit	Activity Amount
SMUD	2027	All	Area Source	Hearth		
SMUD	2027	All	Area Source	Landscaping		
SMUD	2035	All	Area Source	Architectural Coating		
SMUD	2035	All	Area Source	Consumer Products		
SMUD	2035	All	Area Source	Hearth		
SMUD	2035	All	Area Source	Landscaping		
SMUD	2040	All	Area Source	Architectural Coating		
SMUD	2040	All	Area Source	Consumer Products		
SMUD	2040	All	Area Source	Hearth		
SMUD	2040	All	Area Source	Landscaping		
SMUD	2016	Apartments high rise	Electricity Use		kWh/yr	162335000
SMUD	2016	Apartments low rise	Electricity Use		kWh/yr	612359
SMUD	2016	Apartments mid rise	Electricity Use		kWh/yr	482320000
SMUD	2016	City Park	Electricity Use		kWh/yr	0
SMUD	2016	Condo/Townhouse	Electricity Use		kWh/yr	220300000
SMUD	2016	Condo/Townhouse High r	Electricity Use		kWh/yr	56679900
SMUD	2016	General Heavy Industry	Electricity Use		kWh/yr	360952000
SMUD	2016	General Light Industry	Electricity Use		kWh/yr	560508000
SMUD	2016	General Office Building	Electricity Use		kWh/yr	1396780000
SMUD	2016	Government Office Buildi	Electricity Use		kWh/yr	256703000
SMUD	2016	Hospital	Electricity Use		kWh/yr	289643000
SMUD	2016	Hotel	Electricity Use		kWh/yr	48928300
SMUD	2016	Industrial Park	Electricity Use		kWh/yr	73662000
SMUD	2016	Junior High School	Electricity Use		kWh/yr	103565000
SMUD	2016	Medical Office Building	Electricity Use		kWh/yr	51502900
SMUD	2016	Mobile Home Park	Electricity Use		kWh/yr	64678400
SMUD	2016	Regional Shopping Center	Electricity Use		kWh/yr	208456000
SMUD	2016	Retirement Community	Electricity Use		kWh/yr	47275300
SMUD	2016	Single Family Housing	Electricity Use		kWh/yr	2371160000
SMUD	2016	Strip Mall	Electricity Use		kWh/yr	816130000
SMUD	2016	University/College (4yr)	Electricity Use		kWh/yr	79694900
SMUD	2027	Apartments high rise	Electricity Use		kWh/yr	258611000
SMUD	2027	Apartments low rise	Electricity Use		kWh/yr	9137280
SMUD	2027	Apartments mid rise	Electricity Use		kWh/yr	671017000
SMUD	2027	City Park	Electricity Use		kWh/yr	0
SMUD	2027	Condo/Townhouse	Electricity Use		kWh/yr	253017000
SMUD	2027	Condo/Townhouse High r	Electricity Use		kWh/yr	55736100
SMUD	2027	General Heavy Industry	Electricity Use		kWh/yr	339514000
SMUD	2027	General Light Industry	Electricity Use		kWh/yr	578192000
SMUD	2027	General Office Building	Electricity Use		kWh/yr	1428460000
SMUD	2027	Government Office Buildi	Electricity Use		kWh/yr	256077000
SMUD	2027	Hospital	Electricity Use		kWh/yr	311367000
SMUD	2027	Hotel	Electricity Use		kWh/yr	44432000
SMUD	2027	Industrial Park	Electricity Use		kWh/yr	97749000
SMUD	2027	Junior High School	Electricity Use		kWh/yr	106043000
SMUD	2027	Medical Office Building	Electricity Use		kWh/yr	54276600

Utility Service Area	Year	Land Use	Emissions Category	Emissions Sub-Category	Activity Unit	Activity Amount
SMUD	2027	Mobile Home Park	Electricity Use		kWh/yr	73319500
SMUD	2027	Office Park	Electricity Use		kWh/yr	41095700
SMUD	2027	Regional Shopping Center	Electricity Use		kWh/yr	195001000
SMUD	2027	Retirement Community	Electricity Use		kWh/yr	47767900
SMUD	2027	Single Family Housing	Electricity Use		kWh/yr	2799210000
SMUD	2027	Strip Mall	Electricity Use		kWh/yr	829367000
SMUD	2027	University/College (4yr)	Electricity Use		kWh/yr	83802700
SMUD	2035	Apartments high rise	Electricity Use		kWh/yr	302062000
SMUD	2035	Apartments low rise	Electricity Use		kWh/yr	18047000
SMUD	2035	Apartments mid rise	Electricity Use		kWh/yr	828698000
SMUD	2035	City Park	Electricity Use		kWh/yr	0
SMUD	2035	Condo/Townhouse	Electricity Use		kWh/yr	253019000
SMUD	2035	Condo/Townhouse High r	Electricity Use		kWh/yr	55736100
SMUD	2035	General Heavy Industry	Electricity Use		kWh/yr	340531000
SMUD	2035	General Light Industry	Electricity Use		kWh/yr	614155000
SMUD	2035	General Office Building	Electricity Use		kWh/yr	1488480000
SMUD	2035	Government Office Buildi	Electricity Use		kWh/yr	262543000
SMUD	2035	Hospital	Electricity Use		kWh/yr	326638000
SMUD	2035	Hotel	Electricity Use		kWh/yr	44432000
SMUD	2035	Industrial Park	Electricity Use		kWh/yr	113167000
SMUD	2035	Junior High School	Electricity Use		kWh/yr	114844000
SMUD	2035	Medical Office Building	Electricity Use		kWh/yr	57072000
SMUD	2035	Mobile Home Park	Electricity Use		kWh/yr	73319500
SMUD	2035	Office Park	Electricity Use		kWh/yr	60492200
SMUD	2035	Regional Shopping Center	Electricity Use		kWh/yr	201289000
SMUD	2035	Retirement Community	Electricity Use		kWh/yr	47767900
SMUD	2035	Single Family Housing	Electricity Use		kWh/yr	2895450000
SMUD	2035	Strip Mall	Electricity Use		kWh/yr	877938000
SMUD	2035	University/College (4yr)	Electricity Use		kWh/yr	88724300
SMUD	2040	Apartments high rise	Electricity Use		kWh/yr	302062000
SMUD	2040	Apartments low rise	Electricity Use		kWh/yr	18047000
SMUD	2040	Apartments mid rise	Electricity Use		kWh/yr	828698000
SMUD	2040	City Park	Electricity Use		kWh/yr	0
SMUD	2040	Condo/Townhouse	Electricity Use		kWh/yr	253019000
SMUD	2040	Condo/Townhouse High r	Electricity Use		kWh/yr	55736100
SMUD	2040	General Heavy Industry	Electricity Use		kWh/yr	340531000
SMUD	2040	General Light Industry	Electricity Use		kWh/yr	614155000
SMUD	2040	General Office Building	Electricity Use		kWh/yr	1488480000
SMUD	2040	Government Office Buildi	Electricity Use		kWh/yr	262543000
SMUD	2040	Hospital	Electricity Use		kWh/yr	326638000
SMUD	2040	Hotel	Electricity Use		kWh/yr	44432000
SMUD	2040	Industrial Park	Electricity Use		kWh/yr	113167000
SMUD	2040	Junior High School	Electricity Use		kWh/yr	114844000
SMUD	2040	Medical Office Building	Electricity Use		kWh/yr	57072000
SMUD	2040	Mobile Home Park	Electricity Use		kWh/yr	73319500
SMUD	2040	Office Park	Electricity Use		kWh/yr	60492200

Utility Service Area	Year	Land Use	Emissions Category	Emissions Sub-Category	Activity Unit	Activity Amount
SMUD	2040	Regional Shopping Center	Electricity Use		kWh/yr	201289000
SMUD	2040	Retirement Community	Electricity Use		kWh/yr	47767900
SMUD	2040	Single Family Housing	Electricity Use		kWh/yr	2895450000
SMUD	2040	Strip Mall	Electricity Use		kWh/yr	877938000
SMUD	2040	University/College (4yr)	Electricity Use		kWh/yr	88724300
SMUD	2016	Apartments high rise	NaturalGas Use		kBTU/yr	465351000
SMUD	2016	Apartments low rise	NaturalGas Use		kBTU/yr	2275060
SMUD	2016	Apartments mid rise	NaturalGas Use		kBTU/yr	1382620000
SMUD	2016	City Park	NaturalGas Use		kBTU/yr	0
SMUD	2016	Condo/Townhouse	NaturalGas Use		kBTU/yr	1142070000
SMUD	2016	Condo/Townhouse High r	NaturalGas Use		kBTU/yr	293838000
SMUD	2016	General Heavy Industry	NaturalGas Use		kBTU/yr	804849000
SMUD	2016	General Light Industry	NaturalGas Use		kBTU/yr	1249820000
SMUD	2016	General Office Building	NaturalGas Use		kBTU/yr	1299880000
SMUD	2016	Government Office Buildi	NaturalGas Use		kBTU/yr	238895000
SMUD	2016	Hospital	NaturalGas Use		kBTU/yr	964822000
SMUD	2016	Hotel	NaturalGas Use		kBTU/yr	171810000
SMUD	2016	Industrial Park	NaturalGas Use		kBTU/yr	68552000
SMUD	2016	Junior High School	NaturalGas Use		kBTU/yr	214010000
SMUD	2016	Medical Office Building	NaturalGas Use		kBTU/yr	47930100
SMUD	2016	Mobile Home Park	NaturalGas Use		kBTU/yr	98668000
SMUD	2016	Regional Shopping Center	NaturalGas Use		kBTU/yr	98645700
SMUD	2016	Retirement Community	NaturalGas Use		kBTU/yr	245082000
SMUD	2016	Single Family Housing	NaturalGas Use		kBTU/yr	10866300000
SMUD	2016	Strip Mall	NaturalGas Use		kBTU/yr	386210000
SMUD	2016	University/College (4yr)	NaturalGas Use		kBTU/yr	244650000
SMUD	2027	Apartments high rise	NaturalGas Use		kBTU/yr	689220000
SMUD	2027	Apartments low rise	NaturalGas Use		kBTU/yr	26543800
SMUD	2027	Apartments mid rise	NaturalGas Use		kBTU/yr	1810410000
SMUD	2027	City Park	NaturalGas Use		kBTU/yr	0
SMUD	2027	Condo/Townhouse	NaturalGas Use		kBTU/yr	1129040000
SMUD	2027	Condo/Townhouse High r	NaturalGas Use		kBTU/yr	290421000
SMUD	2027	General Heavy Industry	NaturalGas Use		kBTU/yr	807051000
SMUD	2027	General Light Industry	NaturalGas Use		kBTU/yr	1357060000
SMUD	2027	General Office Building	NaturalGas Use		kBTU/yr	1369350000
SMUD	2027	Government Office Buildi	NaturalGas Use		kBTU/yr	247137000
SMUD	2027	Hospital	NaturalGas Use		kBTU/yr	1049630000
SMUD	2027	Hotel	NaturalGas Use		kBTU/yr	165948000
SMUD	2027	Industrial Park	NaturalGas Use		kBTU/yr	88451900
SMUD	2027	Junior High School	NaturalGas Use		kBTU/yr	231944000
SMUD	2027	Medical Office Building	NaturalGas Use		kBTU/yr	51672400
SMUD	2027	Mobile Home Park	NaturalGas Use		kBTU/yr	106052000
SMUD	2027	Office Park	NaturalGas Use		kBTU/yr	32485700
SMUD	2027	Regional Shopping Center	NaturalGas Use		kBTU/yr	100081000
SMUD	2027	Retirement Community	NaturalGas Use		kBTU/yr	242310000
SMUD	2027	Single Family Housing	NaturalGas Use		kBTU/yr	10173500000

Utility Service Area	Year	Land Use	Emissions Category	Emissions Sub-Category	Activity Unit	Activity Amount
SMUD	2027	Strip Mall	NaturalGas Use		kBTU/yr	417046000
SMUD	2027	University/College (4yr)	NaturalGas Use		kBTU/yr	268457000
SMUD	2035	Apartments high rise	NaturalGas Use		kBTU/yr	795156000
SMUD	2035	Apartments low rise	NaturalGas Use		kBTU/yr	52133200
SMUD	2035	Apartments mid rise	NaturalGas Use		kBTU/yr	2194850000
SMUD	2035	City Park	NaturalGas Use		kBTU/yr	0
SMUD	2035	Condo/Townhouse	NaturalGas Use		kBTU/yr	1129050000
SMUD	2035	Condo/Townhouse High r	NaturalGas Use		kBTU/yr	290421000
SMUD	2035	General Heavy Industry	NaturalGas Use		kBTU/yr	809338000
SMUD	2035	General Light Industry	NaturalGas Use		kBTU/yr	1430320000
SMUD	2035	General Office Building	NaturalGas Use		kBTU/yr	1413110000
SMUD	2035	Government Office Buildi	NaturalGas Use		kBTU/yr	251680000
SMUD	2035	Hospital	NaturalGas Use		kBTU/yr	1093130000
SMUD	2035	Hotel	NaturalGas Use		kBTU/yr	165948000
SMUD	2035	Industrial Park	NaturalGas Use		kBTU/yr	99632700
SMUD	2035	Junior High School	NaturalGas Use		kBTU/yr	246137000
SMUD	2035	Medical Office Building	NaturalGas Use		kBTU/yr	53684800
SMUD	2035	Mobile Home Park	NaturalGas Use		kBTU/yr	106052000
SMUD	2035	Office Park	NaturalGas Use		kBTU/yr	47818400
SMUD	2035	Regional Shopping Center	NaturalGas Use		kBTU/yr	102430000
SMUD	2035	Retirement Community	NaturalGas Use		kBTU/yr	242310000
SMUD	2035	Single Family Housing	NaturalGas Use		kBTU/yr	10473600000
SMUD	2035	Strip Mall	NaturalGas Use		kBTU/yr	435728000
SMUD	2035	University/College (4yr)	NaturalGas Use		kBTU/yr	280493000
SMUD	2040	Apartments high rise	NaturalGas Use		kBTU/yr	795156000
SMUD	2040	Apartments low rise	NaturalGas Use		kBTU/yr	52133200
SMUD	2040	Apartments mid rise	NaturalGas Use		kBTU/yr	2194850000
SMUD	2040	City Park	NaturalGas Use		kBTU/yr	0
SMUD	2040	Condo/Townhouse	NaturalGas Use		kBTU/yr	1129050000
SMUD	2040	Condo/Townhouse High r	NaturalGas Use		kBTU/yr	290421000
SMUD	2040	General Heavy Industry	NaturalGas Use		kBTU/yr	809338000
SMUD	2040	General Light Industry	NaturalGas Use		kBTU/yr	1430320000
SMUD	2040	General Office Building	NaturalGas Use		kBTU/yr	1413110000
SMUD	2040	Government Office Buildi	NaturalGas Use		kBTU/yr	251680000
SMUD	2040	Hospital	NaturalGas Use		kBTU/yr	1093130000
SMUD	2040	Hotel	NaturalGas Use		kBTU/yr	165948000
SMUD	2040	Industrial Park	NaturalGas Use		kBTU/yr	99632700
SMUD	2040	Junior High School	NaturalGas Use		kBTU/yr	246137000
SMUD	2040	Medical Office Building	NaturalGas Use		kBTU/yr	53684800
SMUD	2040	Mobile Home Park	NaturalGas Use		kBTU/yr	106052000
SMUD	2040	Office Park	NaturalGas Use		kBTU/yr	47818400
SMUD	2040	Regional Shopping Center	NaturalGas Use		kBTU/yr	102430000
SMUD	2040	Retirement Community	NaturalGas Use		kBTU/yr	242310000
SMUD	2040	Single Family Housing	NaturalGas Use		kBTU/yr	10473600000
SMUD	2040	Strip Mall	NaturalGas Use		kBTU/yr	435728000
SMUD	2040	University/College (4yr)	NaturalGas Use		kBTU/yr	280493000

Utility Service Area	Year	Land Use	Emissions Category	Emissions Sub-Category	Activity Unit	Activity Amount
SMUD	2016	Apartments high rise	Waste		tons	20195.8
SMUD	2016	Apartments low rise	Waste		tons	72.68
SMUD	2016	Apartments mid rise	Waste		tons	60004.7
SMUD	2016	City Park	Waste		tons	510.82
SMUD	2016	Condo/Townhouse	Waste		tons	22509.6
SMUD	2016	Condo/Townhouse High r	Waste		tons	5791.4
SMUD	2016	General Heavy Industry	Waste		tons	25841.8
SMUD	2016	General Light Industry	Waste		tons	40128.8
SMUD	2016	General Office Building	Waste		tons	76366.9
SMUD	2016	Government Office Buildi	Waste		tons	14034.9
SMUD	2016	Hospital	Waste		tons	141481
SMUD	2016	Hotel	Waste		tons	1567.48
SMUD	2016	Industrial Park	Waste		tons	5369.83
SMUD	2016	Junior High School	Waste		tons	15422
SMUD	2016	Medical Office Building	Waste		tons	32700.2
SMUD	2016	Mobile Home Park	Waste		tons	5815.78
SMUD	2016	Regional Shopping Center	Waste		tons	16058.6
SMUD	2016	Retirement Community	Waste		tons	4830.46
SMUD	2016	Single Family Housing	Waste		tons	297868
SMUD	2016	Strip Mall	Waste		tons	62871.4
SMUD	2016	University/College (4yr)	Waste		tons	8761.76
SMUD	2027	Apartments high rise	Waste		tons	29205.5
SMUD	2027	Apartments low rise	Waste		tons	1047.33
SMUD	2027	Apartments mid rise	Waste		tons	74974.9
SMUD	2027	City Park	Waste		tons	510.82
SMUD	2027	Condo/Townhouse	Waste		tons	22507
SMUD	2027	Condo/Townhouse High r	Waste		tons	5786.8
SMUD	2027	General Heavy Industry	Waste		tons	25939.4
SMUD	2027	General Light Industry	Waste		tons	44754
SMUD	2027	General Office Building	Waste		tons	83289.5
SMUD	2027	Government Office Buildi	Waste		tons	14847.4
SMUD	2027	Hospital	Waste		tons	159751
SMUD	2027	Hotel	Waste		tons	1490.55
SMUD	2027	Industrial Park	Waste		tons	8005.86
SMUD	2027	Junior High School	Waste		tons	17561.3
SMUD	2027	Medical Office Building	Waste		tons	37006.7
SMUD	2027	Mobile Home Park	Waste		tons	5815.78
SMUD	2027	Office Park	Waste		tons	2633.97
SMUD	2027	Regional Shopping Center	Waste		tons	16419.5
SMUD	2027	Retirement Community	Waste		tons	4830.46
SMUD	2027	Single Family Housing	Waste		tons	310304
SMUD	2027	Strip Mall	Waste		tons	70857.3
SMUD	2027	University/College (4yr)	Waste		tons	10225
SMUD	2035	Apartments high rise	Waste		tons	34471.5
SMUD	2035	Apartments low rise	Waste		tons	2076.28
SMUD	2035	Apartments mid rise	Waste		tons	94085.2

Utility Service Area	Year	Land Use	Emissions Category	Emissions Sub-Category	Activity Unit	Activity Amount
SMUD	2035	City Park	Waste		tons	510.82
SMUD	2035	Condo/Townhouse	Waste		tons	22507.2
SMUD	2035	Condo/Townhouse High r	Waste		tons	5786.8
SMUD	2035	General Heavy Industry	Waste		tons	26033.2
SMUD	2035	General Light Industry	Waste		tons	47896.4
SMUD	2035	General Office Building	Waste		tons	87613
SMUD	2035	Government Office Buildi	Waste		tons	15308.2
SMUD	2035	Hospital	Waste		tons	169113
SMUD	2035	Hotel	Waste		tons	1490.55
SMUD	2035	Industrial Park	Waste		tons	9481.55
SMUD	2035	Junior High School	Waste		tons	19264.2
SMUD	2035	Medical Office Building	Waste		tons	39334.9
SMUD	2035	Mobile Home Park	Waste		tons	5815.78
SMUD	2035	Office Park	Waste		tons	3877.17
SMUD	2035	Regional Shopping Center	Waste		tons	17044.7
SMUD	2035	Retirement Community	Waste		tons	4830.46
SMUD	2035	Single Family Housing	Waste		tons	322217
SMUD	2035	Strip Mall	Waste		tons	75622.3
SMUD	2035	University/College (4yr)	Waste		tons	10967.1
SMUD	2040	Apartments high rise	Waste		tons	34471.5
SMUD	2040	Apartments low rise	Waste		tons	2076.28
SMUD	2040	Apartments mid rise	Waste		tons	94085.2
SMUD	2040	City Park	Waste		tons	510.82
SMUD	2040	Condo/Townhouse	Waste		tons	22507.2
SMUD	2040	Condo/Townhouse High r	Waste		tons	5786.8
SMUD	2040	General Heavy Industry	Waste		tons	26033.2
SMUD	2040	General Light Industry	Waste		tons	47896.4
SMUD	2040	General Office Building	Waste		tons	87613
SMUD	2040	Government Office Buildi	Waste		tons	15308.2
SMUD	2040	Hospital	Waste		tons	169113
SMUD	2040	Hotel	Waste		tons	1490.55
SMUD	2040	Industrial Park	Waste		tons	9481.55
SMUD	2040	Junior High School	Waste		tons	19264.2
SMUD	2040	Medical Office Building	Waste		tons	39334.9
SMUD	2040	Mobile Home Park	Waste		tons	5815.78
SMUD	2040	Office Park	Waste		tons	3877.17
SMUD	2040	Regional Shopping Center	Waste		tons	17044.7
SMUD	2040	Retirement Community	Waste		tons	4830.46
SMUD	2040	Single Family Housing	Waste		tons	322217
SMUD	2040	Strip Mall	Waste		tons	75622.3
SMUD	2040	University/College (4yr)	Waste		tons	10967.1
SMUD	2016	Apartments high rise	Water		Mgal	4663.89
SMUD	2016	Apartments low rise	Water		Mgal	16.78421
SMUD	2016	Apartments mid rise	Water		Mgal	13857.1
SMUD	2016	City Park	Water		Mgal	7077.17
SMUD	2016	Condo/Townhouse	Water		Mgal	5198.23

Utility Service Area	Year	Land Use	Emissions Category	Emissions Sub-Category	Activity Unit	Activity Amount
SMUD	2016	Condo/Townhouse High r	Water		Mgal	1337.428
SMUD	2016	General Heavy Industry	Water		Mgal	4819.3
SMUD	2016	General Light Industry	Water		Mgal	7483.69
SMUD	2016	General Office Building	Water		Mgal	23539.68
SMUD	2016	Government Office Buildi	Water		Mgal	4835.53
SMUD	2016	Hospital	Water		Mgal	1956.916
SMUD	2016	Hotel	Water		Mgal	80.69367
SMUD	2016	Industrial Park	Water		Mgal	1001.43
SMUD	2016	Junior High School	Water		Mgal	873.675
SMUD	2016	Medical Office Building	Water		Mgal	452.2976
SMUD	2016	Mobile Home Park	Water		Mgal	1343.058
SMUD	2016	Regional Shopping Center	Water		Mgal	1827.192
SMUD	2016	Retirement Community	Water		Mgal	1115.514
SMUD	2016	Single Family Housing	Water		Mgal	32919.6
SMUD	2016	Strip Mall	Water		Mgal	7153.68
SMUD	2016	University/College (4yr)	Water		Mgal	230.8901
SMUD	2027	Apartments high rise	Water		Mgal	6744.54
SMUD	2027	Apartments low rise	Water		Mgal	241.8634
SMUD	2027	Apartments mid rise	Water		Mgal	17314.23
SMUD	2027	City Park	Water		Mgal	7077.17
SMUD	2027	Condo/Townhouse	Water		Mgal	5197.63
SMUD	2027	Condo/Townhouse High r	Water		Mgal	1336.366
SMUD	2027	General Heavy Industry	Water		Mgal	4837.5
SMUD	2027	General Light Industry	Water		Mgal	8346.25
SMUD	2027	General Office Building	Water		Mgal	25673.54
SMUD	2027	Government Office Buildi	Water		Mgal	5115.45
SMUD	2027	Hospital	Water		Mgal	2209.62
SMUD	2027	Hotel	Water		Mgal	76.73366
SMUD	2027	Industrial Park	Water		Mgal	1493.03
SMUD	2027	Junior High School	Water		Mgal	994.868
SMUD	2027	Medical Office Building	Water		Mgal	511.8632
SMUD	2027	Mobile Home Park	Water		Mgal	1343.058
SMUD	2027	Office Park	Water		Mgal	811.908
SMUD	2027	Regional Shopping Center	Water		Mgal	1868.256
SMUD	2027	Retirement Community	Water		Mgal	1115.514
SMUD	2027	Single Family Housing	Water		Mgal	34294.1
SMUD	2027	Strip Mall	Water		Mgal	8062.32
SMUD	2027	University/College (4yr)	Water		Mgal	269.448
SMUD	2035	Apartments high rise	Water		Mgal	7960.63
SMUD	2035	Apartments low rise	Water		Mgal	479.483
SMUD	2035	Apartments mid rise	Water		Mgal	21727.37
SMUD	2035	City Park	Water		Mgal	7077.17
SMUD	2035	Condo/Townhouse	Water		Mgal	5197.66
SMUD	2035	Condo/Townhouse High r	Water		Mgal	1336.366
SMUD	2035	General Heavy Industry	Water		Mgal	4854.98
SMUD	2035	General Light Industry	Water		Mgal	8932.29

Utility Service Area	Year	Land Use	Emissions Category	Emissions Sub-Category	Activity Unit	Activity Amount
SMUD	2035	General Office Building	Water		Mgal	27006.3
SMUD	2035	Government Office Buildi	Water		Mgal	5274.22
SMUD	2035	Hospital	Water		Mgal	2339.107
SMUD	2035	Hotel	Water		Mgal	76.73366
SMUD	2035	Industrial Park	Water		Mgal	1768.23
SMUD	2035	Junior High School	Water		Mgal	1091.337
SMUD	2035	Medical Office Building	Water		Mgal	544.0655
SMUD	2035	Mobile Home Park	Water		Mgal	1343.058
SMUD	2035	Office Park	Water		Mgal	1195.116
SMUD	2035	Regional Shopping Center	Water		Mgal	1939.387
SMUD	2035	Retirement Community	Water		Mgal	1115.514
SMUD	2035	Single Family Housing	Water		Mgal	35610.6
SMUD	2035	Strip Mall	Water		Mgal	8604.5
SMUD	2035	University/College (4yr)	Water		Mgal	289.005
SMUD	2040	Apartments high rise	Water		Mgal	7960.63
SMUD	2040	Apartments low rise	Water		Mgal	479.483
SMUD	2040	Apartments mid rise	Water		Mgal	21727.37
SMUD	2040	City Park	Water		Mgal	7077.17
SMUD	2040	Condo/Townhouse	Water		Mgal	5197.66
SMUD	2040	Condo/Townhouse High r	Water		Mgal	1336.366
SMUD	2040	General Heavy Industry	Water		Mgal	4854.98
SMUD	2040	General Light Industry	Water		Mgal	8932.29
SMUD	2040	General Office Building	Water		Mgal	27006.3
SMUD	2040	Government Office Buildi	Water		Mgal	5274.22
SMUD	2040	Hospital	Water		Mgal	2339.107
SMUD	2040	Hotel	Water		Mgal	76.73366
SMUD	2040	Industrial Park	Water		Mgal	1768.23
SMUD	2040	Junior High School	Water		Mgal	1091.337
SMUD	2040	Medical Office Building	Water		Mgal	544.0655
SMUD	2040	Mobile Home Park	Water		Mgal	1343.058
SMUD	2040	Office Park	Water		Mgal	1195.116
SMUD	2040	Regional Shopping Center	Water		Mgal	1939.387
SMUD	2040	Retirement Community	Water		Mgal	1115.514
SMUD	2040	Single Family Housing	Water		Mgal	35610.6
SMUD	2040	Strip Mall	Water		Mgal	8604.5
SMUD	2040	University/College (4yr)	Water		Mgal	289.005
VCE	2016	All	Area Source	Architectural Coating		
VCE	2016	All	Area Source	Consumer Products		
VCE	2016	All	Area Source	Hearth		
VCE	2016	All	Area Source	Landscaping		
VCE	2027	All	Area Source	Architectural Coating		
VCE	2027	All	Area Source	Consumer Products		
VCE	2027	All	Area Source	Hearth		
VCE	2027	All	Area Source	Landscaping		
VCE	2035	All	Area Source	Architectural Coating		
VCE	2035	All	Area Source	Consumer Products		

Utility Service Area	Year	Land Use	Emissions Category	Emissions Sub-Category	Activity Unit	Activity Amount
VCE	2035	All	Area Source	Hearth		
VCE	2035	All	Area Source	Landscaping		
VCE	2040	All	Area Source	Architectural Coating		
VCE	2040	All	Area Source	Consumer Products		
VCE	2040	All	Area Source	Hearth		
VCE	2040	All	Area Source	Landscaping		
VCE	2016	Apartments high rise	Electricity Use		kWh/yr	23035400
VCE	2016	Apartments low rise	Electricity Use		kWh/yr	623986
VCE	2016	Apartments mid rise	Electricity Use		kWh/yr	56764000
VCE	2016	City Park	Electricity Use		kWh/yr	0
VCE	2016	Condo/Townhouse	Electricity Use		kWh/yr	15594900
VCE	2016	Condo/Townhouse High r	Electricity Use		kWh/yr	4281380
VCE	2016	General Heavy Industry	Electricity Use		kWh/yr	35204400
VCE	2016	General Light Industry	Electricity Use		kWh/yr	22784600
VCE	2016	General Office Building	Electricity Use		kWh/yr	38022700
VCE	2016	Government Office Buildi	Electricity Use		kWh/yr	34251200
VCE	2016	Hospital	Electricity Use		kWh/yr	13163100
VCE	2016	Hotel	Electricity Use		kWh/yr	1319920
VCE	2016	Industrial Park	Electricity Use		kWh/yr	3316720
VCE	2016	Junior High School	Electricity Use		kWh/yr	9837110
VCE	2016	Medical Office Building	Electricity Use		kWh/yr	10348800
VCE	2016	Mobile Home Park	Electricity Use		kWh/yr	7438300
VCE	2016	Regional Shopping Center	Electricity Use		kWh/yr	25611000
VCE	2016	Retirement Community	Electricity Use		kWh/yr	4101300
VCE	2016	Single Family Housing	Electricity Use		kWh/yr	205138000
VCE	2016	Strip Mall	Electricity Use		kWh/yr	91114400
VCE	2016	University/College (4yr)	Electricity Use		kWh/yr	104590000
VCE	2027	Apartments high rise	Electricity Use		kWh/yr	38354700
VCE	2027	Apartments low rise	Electricity Use		kWh/yr	2111160
VCE	2027	Apartments mid rise	Electricity Use		kWh/yr	74604700
VCE	2027	City Park	Electricity Use		kWh/yr	0
VCE	2027	Condo/Townhouse	Electricity Use		kWh/yr	17906400
VCE	2027	Condo/Townhouse High r	Electricity Use		kWh/yr	4200990
VCE	2027	General Heavy Industry	Electricity Use		kWh/yr	35127200
VCE	2027	General Light Industry	Electricity Use		kWh/yr	29567300
VCE	2027	General Office Building	Electricity Use		kWh/yr	38543300
VCE	2027	Government Office Buildi	Electricity Use		kWh/yr	34435100
VCE	2027	Hospital	Electricity Use		kWh/yr	13163000
VCE	2027	Hotel	Electricity Use		kWh/yr	1185860
VCE	2027	Industrial Park	Electricity Use		kWh/yr	4374450
VCE	2027	Junior High School	Electricity Use		kWh/yr	9979960
VCE	2027	Medical Office Building	Electricity Use		kWh/yr	9976670
VCE	2027	Mobile Home Park	Electricity Use		kWh/yr	8432070
VCE	2027	Office Park	Electricity Use		kWh/yr	400436
VCE	2027	Regional Shopping Center	Electricity Use		kWh/yr	23436300
VCE	2027	Retirement Community	Electricity Use		kWh/yr	4144040

Utility Service Area	Year	Land Use	Emissions Category	Emissions Sub-Category	Activity Unit	Activity Amount
VCE	2027	Single Family Housing	Electricity Use		kWh/yr	248418000
VCE	2027	Strip Mall	Electricity Use		kWh/yr	87048800
VCE	2027	University/College (4yr)	Electricity Use		kWh/yr	104915000
VCE	2035	Apartments high rise	Electricity Use		kWh/yr	39384400
VCE	2035	Apartments low rise	Electricity Use		kWh/yr	2732000
VCE	2035	Apartments mid rise	Electricity Use		kWh/yr	78058800
VCE	2035	City Park	Electricity Use		kWh/yr	0
VCE	2035	Condo/Townhouse	Electricity Use		kWh/yr	17909200
VCE	2035	Condo/Townhouse High r	Electricity Use		kWh/yr	4200990
VCE	2035	General Heavy Industry	Electricity Use		kWh/yr	36693900
VCE	2035	General Light Industry	Electricity Use		kWh/yr	34513800
VCE	2035	General Office Building	Electricity Use		kWh/yr	40647100
VCE	2035	Government Office Buildi	Electricity Use		kWh/yr	35920800
VCE	2035	Hospital	Electricity Use		kWh/yr	13432500
VCE	2035	Hotel	Electricity Use		kWh/yr	1185860
VCE	2035	Industrial Park	Electricity Use		kWh/yr	5124120
VCE	2035	Junior High School	Electricity Use		kWh/yr	10432000
VCE	2035	Medical Office Building	Electricity Use		kWh/yr	10128000
VCE	2035	Mobile Home Park	Electricity Use		kWh/yr	8432070
VCE	2035	Office Park	Electricity Use		kWh/yr	509173
VCE	2035	Regional Shopping Center	Electricity Use		kWh/yr	23504400
VCE	2035	Retirement Community	Electricity Use		kWh/yr	4144040
VCE	2035	Single Family Housing	Electricity Use		kWh/yr	253631000
VCE	2035	Strip Mall	Electricity Use		kWh/yr	89363500
VCE	2035	University/College (4yr)	Electricity Use		kWh/yr	104915000
VCE	2040	Apartments high rise	Electricity Use		kWh/yr	39384400
VCE	2040	Apartments low rise	Electricity Use		kWh/yr	2773590
VCE	2040	Apartments mid rise	Electricity Use		kWh/yr	81454500
VCE	2040	City Park	Electricity Use		kWh/yr	0
VCE	2040	Condo/Townhouse	Electricity Use		kWh/yr	18086500
VCE	2040	Condo/Townhouse High r	Electricity Use		kWh/yr	4200990
VCE	2040	General Heavy Industry	Electricity Use		kWh/yr	39030400
VCE	2040	General Light Industry	Electricity Use		kWh/yr	34570900
VCE	2040	General Office Building	Electricity Use		kWh/yr	44070000
VCE	2040	Government Office Buildi	Electricity Use		kWh/yr	36082400
VCE	2040	Hospital	Electricity Use		kWh/yr	13432500
VCE	2040	Hotel	Electricity Use		kWh/yr	1185860
VCE	2040	Industrial Park	Electricity Use		kWh/yr	6483350
VCE	2040	Junior High School	Electricity Use		kWh/yr	10588100
VCE	2040	Medical Office Building	Electricity Use		kWh/yr	10128000
VCE	2040	Mobile Home Park	Electricity Use		kWh/yr	8432070
VCE	2040	Office Park	Electricity Use		kWh/yr	776555
VCE	2040	Regional Shopping Center	Electricity Use		kWh/yr	23774500
VCE	2040	Retirement Community	Electricity Use		kWh/yr	4144040
VCE	2040	Single Family Housing	Electricity Use		kWh/yr	255219000
VCE	2040	Strip Mall	Electricity Use		kWh/yr	91063000

Utility Service Area	Year	Land Use	Emissions Category	Emissions Sub-Category	Activity Unit	Activity Amount
VCE	2040	University/College (4yr)	Electricity Use		kWh/yr	106764000
VCE	2016	Apartments high rise	NaturalGas Use		kBTU/yr	66033500
VCE	2016	Apartments low rise	NaturalGas Use		kBTU/yr	2318260
VCE	2016	Apartments mid rise	NaturalGas Use		kBTU/yr	162720000
VCE	2016	City Park	NaturalGas Use		kBTU/yr	0
VCE	2016	Condo/Townhouse	NaturalGas Use		kBTU/yr	80846200
VCE	2016	Condo/Townhouse High r	NaturalGas Use		kBTU/yr	22195400
VCE	2016	General Heavy Industry	NaturalGas Use		kBTU/yr	79986700
VCE	2016	General Light Industry	NaturalGas Use		kBTU/yr	51768100
VCE	2016	General Office Building	NaturalGas Use		kBTU/yr	65158500
VCE	2016	Government Office Buildi	NaturalGas Use		kBTU/yr	58695400
VCE	2016	Hospital	NaturalGas Use		kBTU/yr	68829200
VCE	2016	Hotel	NaturalGas Use		kBTU/yr	4551900
VCE	2016	Industrial Park	NaturalGas Use		kBTU/yr	5683770
VCE	2016	Junior High School	NaturalGas Use		kBTU/yr	16803200
VCE	2016	Medical Office Building	NaturalGas Use		kBTU/yr	17734400
VCE	2016	Mobile Home Park	NaturalGas Use		kBTU/yr	11347200
VCE	2016	Regional Shopping Center	NaturalGas Use		kBTU/yr	26282100
VCE	2016	Retirement Community	NaturalGas Use		kBTU/yr	21261800
VCE	2016	Single Family Housing	NaturalGas Use		kBTU/yr	940089000
VCE	2016	Strip Mall	NaturalGas Use		kBTU/yr	93501900
VCE	2016	University/College (4yr)	NaturalGas Use		kBTU/yr	474093000
VCE	2027	Apartments high rise	NaturalGas Use		kBTU/yr	101842000
VCE	2027	Apartments low rise	NaturalGas Use		kBTU/yr	6369810
VCE	2027	Apartments mid rise	NaturalGas Use		kBTU/yr	202420000
VCE	2027	City Park	NaturalGas Use		kBTU/yr	0
VCE	2027	Condo/Townhouse	NaturalGas Use		kBTU/yr	79905800
VCE	2027	Condo/Townhouse High r	NaturalGas Use		kBTU/yr	21916500
VCE	2027	General Heavy Industry	NaturalGas Use		kBTU/yr	84180000
VCE	2027	General Light Industry	NaturalGas Use		kBTU/yr	66698300
VCE	2027	General Office Building	NaturalGas Use		kBTU/yr	67706500
VCE	2027	Government Office Buildi	NaturalGas Use		kBTU/yr	60717800
VCE	2027	Hospital	NaturalGas Use		kBTU/yr	70590400
VCE	2027	Hotel	NaturalGas Use		kBTU/yr	4551900
VCE	2027	Industrial Park	NaturalGas Use		kBTU/yr	6807410
VCE	2027	Junior High School	NaturalGas Use		kBTU/yr	18761700
VCE	2027	Medical Office Building	NaturalGas Use		kBTU/yr	17961600
VCE	2027	Mobile Home Park	NaturalGas Use		kBTU/yr	12196400
VCE	2027	Office Park	NaturalGas Use		kBTU/yr	362744
VCE	2027	Regional Shopping Center	NaturalGas Use		kBTU/yr	26320200
VCE	2027	Retirement Community	NaturalGas Use		kBTU/yr	21021300
VCE	2027	Single Family Housing	NaturalGas Use		kBTU/yr	899627000
VCE	2027	Strip Mall	NaturalGas Use		kBTU/yr	94931200
VCE	2027	University/College (4yr)	NaturalGas Use		kBTU/yr	498158000
VCE	2035	Apartments high rise	NaturalGas Use		kBTU/yr	104353000
VCE	2035	Apartments low rise	NaturalGas Use		kBTU/yr	8152950

Utility Service Area	Year	Land Use	Emissions Category	Emissions Sub-Category	Activity Unit	Activity Amount
VCE	2035	Apartments mid rise	NaturalGas Use		kBTU/yr	210841000
VCE	2035	City Park	NaturalGas Use		kBTU/yr	0
VCE	2035	Condo/Townhouse	NaturalGas Use		kBTU/yr	79917200
VCE	2035	Condo/Townhouse High r	NaturalGas Use		kBTU/yr	21916500
VCE	2035	General Heavy Industry	NaturalGas Use		kBTU/yr	86979500
VCE	2035	General Light Industry	NaturalGas Use		kBTU/yr	75549000
VCE	2035	General Office Building	NaturalGas Use		kBTU/yr	69547500
VCE	2035	Government Office Buildi	NaturalGas Use		kBTU/yr	62030100
VCE	2035	Hospital	NaturalGas Use		kBTU/yr	71620800
VCE	2035	Hotel	NaturalGas Use		kBTU/yr	4551900
VCE	2035	Industrial Park	NaturalGas Use		kBTU/yr	7475470
VCE	2035	Junior High School	NaturalGas Use		kBTU/yr	19704900
VCE	2035	Medical Office Building	NaturalGas Use		kBTU/yr	18093700
VCE	2035	Mobile Home Park	NaturalGas Use		kBTU/yr	12196400
VCE	2035	Office Park	NaturalGas Use		kBTU/yr	461245
VCE	2035	Regional Shopping Center	NaturalGas Use		kBTU/yr	26344000
VCE	2035	Retirement Community	NaturalGas Use		kBTU/yr	21021300
VCE	2035	Single Family Housing	NaturalGas Use		kBTU/yr	915883000
VCE	2035	Strip Mall	NaturalGas Use		kBTU/yr	95736500
VCE	2035	University/College (4yr)	NaturalGas Use		kBTU/yr	498158000
VCE	2040	Apartments high rise	NaturalGas Use		kBTU/yr	104353000
VCE	2040	Apartments low rise	NaturalGas Use		kBTU/yr	8272390
VCE	2040	Apartments mid rise	NaturalGas Use		kBTU/yr	219120000
VCE	2040	City Park	NaturalGas Use		kBTU/yr	0
VCE	2040	Condo/Townhouse	NaturalGas Use		kBTU/yr	80630600
VCE	2040	Condo/Townhouse High r	NaturalGas Use		kBTU/yr	21916500
VCE	2040	General Heavy Industry	NaturalGas Use		kBTU/yr	91157600
VCE	2040	General Light Industry	NaturalGas Use		kBTU/yr	75674000
VCE	2040	General Office Building	NaturalGas Use		kBTU/yr	72583500
VCE	2040	Government Office Buildi	NaturalGas Use		kBTU/yr	62176900
VCE	2040	Hospital	NaturalGas Use		kBTU/yr	71620800
VCE	2040	Hotel	NaturalGas Use		kBTU/yr	4551900
VCE	2040	Industrial Park	NaturalGas Use		kBTU/yr	8683160
VCE	2040	Junior High School	NaturalGas Use		kBTU/yr	20015400
VCE	2040	Medical Office Building	NaturalGas Use		kBTU/yr	18093700
VCE	2040	Mobile Home Park	NaturalGas Use		kBTU/yr	12196400
VCE	2040	Office Park	NaturalGas Use		kBTU/yr	703459
VCE	2040	Regional Shopping Center	NaturalGas Use		kBTU/yr	26430500
VCE	2040	Retirement Community	NaturalGas Use		kBTU/yr	21021300
VCE	2040	Single Family Housing	NaturalGas Use		kBTU/yr	920838000
VCE	2040	Strip Mall	NaturalGas Use		kBTU/yr	96283200
VCE	2040	University/College (4yr)	NaturalGas Use		kBTU/yr	502922000
VCE	2016	Apartments high rise	Waste		tons	2865.8
VCE	2016	Apartments low rise	Waste		tons	74.06
VCE	2016	Apartments mid rise	Waste		tons	7061.92
VCE	2016	City Park	Waste		tons	195.49

Utility Service Area	Year	Land Use	Emissions Category	Emissions Sub-Category	Activity Unit	Activity Amount
VCE	2016	Condo/Townhouse	Waste		tons	1593.44
VCE	2016	Condo/Townhouse High r	Waste		tons	437.46
VCE	2016	General Heavy Industry	Waste		tons	4533.07
VCE	2016	General Light Industry	Waste		tons	2933.84
VCE	2016	General Office Building	Waste		tons	3022.31
VCE	2016	Government Office Buildi	Waste		tons	2722.53
VCE	2016	Hospital	Waste		tons	8431.88
VCE	2016	Hotel	Waste		tons	60.18
VCE	2016	Industrial Park	Waste		tons	351.52
VCE	2016	Junior High School	Waste		tons	1894.55
VCE	2016	Medical Office Building	Waste		tons	9552.71
VCE	2016	Mobile Home Park	Waste		tons	668.84
VCE	2016	Regional Shopping Center	Waste		tons	1904.5
VCE	2016	Retirement Community	Waste		tons	419.06
VCE	2016	Single Family Housing	Waste		tons	25769.9
VCE	2016	Strip Mall	Waste		tons	6775.5
VCE	2016	University/College (4yr)	Waste		tons	10670.8
VCE	2027	Apartments high rise	Waste		tons	4345.17
VCE	2027	Apartments low rise	Waste		tons	235.75
VCE	2027	Apartments mid rise	Waste		tons	8294.54
VCE	2027	City Park	Waste		tons	194.71
VCE	2027	Condo/Townhouse	Waste		tons	1592.82
VCE	2027	Condo/Townhouse High r	Waste		tons	436.08
VCE	2027	General Heavy Industry	Waste		tons	4850.52
VCE	2027	General Light Industry	Waste		tons	4060.18
VCE	2027	General Office Building	Waste		tons	3279.53
VCE	2027	Government Office Buildi	Waste		tons	2927.3
VCE	2027	Hospital	Waste		tons	8726.83
VCE	2027	Hotel	Waste		tons	60.18
VCE	2027	Industrial Park	Waste		tons	503.65
VCE	2027	Junior High School	Waste		tons	2133.87
VCE	2027	Medical Office Building	Waste		tons	9822.06
VCE	2027	Mobile Home Park	Waste		tons	668.84
VCE	2027	Office Park	Waste		tons	32.16
VCE	2027	Regional Shopping Center	Waste		tons	1916.52
VCE	2027	Retirement Community	Waste		tons	419.06
VCE	2027	Single Family Housing	Waste		tons	27618.8
VCE	2027	Strip Mall	Waste		tons	7196.95
VCE	2027	University/College (4yr)	Waste		tons	12172
VCE	2035	Apartments high rise	Waste		tons	4469.97
VCE	2035	Apartments low rise	Waste		tons	307.45
VCE	2035	Apartments mid rise	Waste		tons	8713.14
VCE	2035	City Park	Waste		tons	194.71
VCE	2035	Condo/Townhouse	Waste		tons	1593.1
VCE	2035	Condo/Townhouse High r	Waste		tons	436.08
VCE	2035	General Heavy Industry	Waste		tons	5061.22

Utility Service Area	Year	Land Use	Emissions Category	Emissions Sub-Category	Activity Unit	Activity Amount
VCE	2035	General Light Industry	Waste		tons	4728.96
VCE	2035	General Office Building	Waste		tons	3468.05
VCE	2035	Government Office Buildi	Waste		tons	3062
VCE	2035	Hospital	Waste		tons	8900.06
VCE	2035	Hotel	Waste		tons	60.18
VCE	2035	Industrial Park	Waste		tons	593.82
VCE	2035	Junior High School	Waste		tons	2249.03
VCE	2035	Medical Office Building	Waste		tons	9980.17
VCE	2035	Mobile Home Park	Waste		tons	668.84
VCE	2035	Office Park	Waste		tons	40.89
VCE	2035	Regional Shopping Center	Waste		tons	1923.59
VCE	2035	Retirement Community	Waste		tons	419.06
VCE	2035	Single Family Housing	Waste		tons	28264.3
VCE	2035	Strip Mall	Waste		tons	7435.16
VCE	2035	University/College (4yr)	Waste		tons	12172
VCE	2040	Apartments high rise	Waste		tons	4469.97
VCE	2040	Apartments low rise	Waste		tons	312.25
VCE	2040	Apartments mid rise	Waste		tons	9124.7
VCE	2040	City Park	Waste		tons	194.63
VCE	2040	Condo/Townhouse	Waste		tons	1610.1
VCE	2040	Condo/Townhouse High r	Waste		tons	436.08
VCE	2040	General Heavy Industry	Waste		tons	5377.52
VCE	2040	General Light Industry	Waste		tons	4736.79
VCE	2040	General Office Building	Waste		tons	3777.43
VCE	2040	Government Office Buildi	Waste		tons	3075.77
VCE	2040	Hospital	Waste		tons	8900.06
VCE	2040	Hotel	Waste		tons	60.18
VCE	2040	Industrial Park	Waste		tons	757.71
VCE	2040	Junior High School	Waste		tons	2286.47
VCE	2040	Medical Office Building	Waste		tons	9980.17
VCE	2040	Mobile Home Park	Waste		tons	668.84
VCE	2040	Office Park	Waste		tons	62.37
VCE	2040	Regional Shopping Center	Waste		tons	1950.25
VCE	2040	Retirement Community	Waste		tons	419.06
VCE	2040	Single Family Housing	Waste		tons	28460.9
VCE	2040	Strip Mall	Waste		tons	7612.75
VCE	2040	University/College (4yr)	Waste		tons	12463
VCE	2016	Apartments high rise	Water		Mgal	661.81
VCE	2016	Apartments low rise	Water		Mgal	17.10293
VCE	2016	Apartments mid rise	Water		Mgal	1630.829
VCE	2016	City Park	Water		Mgal	2708.37
VCE	2016	Condo/Townhouse	Water		Mgal	367.979
VCE	2016	Condo/Townhouse High r	Water		Mgal	101.0242
VCE	2016	General Heavy Industry	Water		Mgal	845.381
VCE	2016	General Light Industry	Water		Mgal	547.138
VCE	2016	General Office Building	Water		Mgal	931.611

Utility Service Area	Year	Land Use	Emissions Category	Emissions Sub-Category	Activity Unit	Activity Amount
VCE	2016	Government Office Buildi	Water		Mgal	938.01
VCE	2016	Hospital	Water		Mgal	116.6267
VCE	2016	Hotel	Water		Mgal	3.098133
VCE	2016	Industrial Park	Water		Mgal	65.5547
VCE	2016	Junior High School	Water		Mgal	107.3286
VCE	2016	Medical Office Building	Water		Mgal	132.1297
VCE	2016	Mobile Home Park	Water		Mgal	154.4576
VCE	2016	Regional Shopping Center	Water		Mgal	216.6987
VCE	2016	Retirement Community	Water		Mgal	96.775
VCE	2016	Single Family Housing	Water		Mgal	2848.01
VCE	2016	Strip Mall	Water		Mgal	770.935
VCE	2016	University/College (4yr)	Water		Mgal	281.197
VCE	2027	Apartments high rise	Water		Mgal	1003.446
VCE	2027	Apartments low rise	Water		Mgal	54.4425
VCE	2027	Apartments mid rise	Water		Mgal	1915.485
VCE	2027	City Park	Water		Mgal	2697.64
VCE	2027	Condo/Townhouse	Water		Mgal	367.836
VCE	2027	Condo/Townhouse High r	Water		Mgal	100.7054
VCE	2027	General Heavy Industry	Water		Mgal	904.583
VCE	2027	General Light Industry	Water		Mgal	757.191
VCE	2027	General Office Building	Water		Mgal	1010.898
VCE	2027	Government Office Buildi	Water		Mgal	1008.56
VCE	2027	Hospital	Water		Mgal	120.706
VCE	2027	Hotel	Water		Mgal	3.098133
VCE	2027	Industrial Park	Water		Mgal	93.9268
VCE	2027	Junior High School	Water		Mgal	120.8862
VCE	2027	Medical Office Building	Water		Mgal	135.8548
VCE	2027	Mobile Home Park	Water		Mgal	154.4576
VCE	2027	Office Park	Water		Mgal	9.91295
VCE	2027	Regional Shopping Center	Water		Mgal	218.0675
VCE	2027	Retirement Community	Water		Mgal	96.775
VCE	2027	Single Family Housing	Water		Mgal	3052.37
VCE	2027	Strip Mall	Water		Mgal	818.889
VCE	2027	University/College (4yr)	Water		Mgal	320.756
VCE	2035	Apartments high rise	Water		Mgal	1032.265
VCE	2035	Apartments low rise	Water		Mgal	71.0005
VCE	2035	Apartments mid rise	Water		Mgal	2012.153
VCE	2035	City Park	Water		Mgal	2697.64
VCE	2035	Condo/Townhouse	Water		Mgal	367.899
VCE	2035	Condo/Townhouse High r	Water		Mgal	100.7054
VCE	2035	General Heavy Industry	Water		Mgal	943.877
VCE	2035	General Light Industry	Water		Mgal	881.914
VCE	2035	General Office Building	Water		Mgal	1069.008
VCE	2035	Government Office Buildi	Water		Mgal	1054.969
VCE	2035	Hospital	Water		Mgal	123.1024
VCE	2035	Hotel	Water		Mgal	3.098133

Utility Service Area	Year	Land Use	Emissions Category	Emissions Sub-Category	Activity Unit	Activity Amount
VCE	2035	Industrial Park	Water		Mgal	110.743
VCE	2035	Junior High School	Water		Mgal	127.4099
VCE	2035	Medical Office Building	Water		Mgal	138.0417
VCE	2035	Mobile Home Park	Water		Mgal	154.4576
VCE	2035	Office Park	Water		Mgal	12.60476
VCE	2035	Regional Shopping Center	Water		Mgal	218.871
VCE	2035	Retirement Community	Water		Mgal	96.775
VCE	2035	Single Family Housing	Water		Mgal	3123.69
VCE	2035	Strip Mall	Water		Mgal	845.992
VCE	2035	University/College (4yr)	Water		Mgal	320.756
VCE	2040	Apartments high rise	Water		Mgal	1032.265
VCE	2040	Apartments low rise	Water		Mgal	72.1096
VCE	2040	Apartments mid rise	Water		Mgal	2107.193
VCE	2040	City Park	Water		Mgal	2696.55
VCE	2040	Condo/Townhouse	Water		Mgal	371.825
VCE	2040	Condo/Townhouse High r	Water		Mgal	100.7054
VCE	2040	General Heavy Industry	Water		Mgal	1002.86
VCE	2040	General Light Industry	Water		Mgal	883.373
VCE	2040	General Office Building	Water		Mgal	1164.371
VCE	2040	Government Office Buildi	Water		Mgal	1059.715
VCE	2040	Hospital	Water		Mgal	123.1024
VCE	2040	Hotel	Water		Mgal	3.098133
VCE	2040	Industrial Park	Water		Mgal	141.308
VCE	2040	Junior High School	Water		Mgal	129.5308
VCE	2040	Medical Office Building	Water		Mgal	138.0417
VCE	2040	Mobile Home Park	Water		Mgal	154.4576
VCE	2040	Office Park	Water		Mgal	19.22389
VCE	2040	Regional Shopping Center	Water		Mgal	221.9047
VCE	2040	Retirement Community	Water		Mgal	96.775
VCE	2040	Single Family Housing	Water		Mgal	3145.42
VCE	2040	Strip Mall	Water		Mgal	866.2
VCE	2040	University/College (4yr)	Water		Mgal	328.426

Emissions per Land Use Unit															
Tons/year										MT/year					
ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
197.71					-	-		-	-	-	-	-	-	-	-
1,210.61					-	-		-	-	-	-	-	-	-	-
-	-	-	-		-	-		-	-	-	-	-	-	-	-
49.30	18.29	1,563.20	0.08		8.43	8.43		8.43	8.43	-	2,518.68	2,518.68	2.57	-	2,582.95
131.59					-	-		-	-	-	-	-	-	-	-
861.08					-	-		-	-	-	-	-	-	-	-
-	-	-	-		-	-		-	-	-	-	-	-	-	-
35.41	13.57	1,178.41	0.06		6.54	6.54		6.54	6.54	-	1,926.89	1,926.89	1.85	-	1,973.06
147.13					-	-		-	-	-	-	-	-	-	-
964.39					-	-		-	-	-	-	-	-	-	-
-	-	-	-		-	-		-	-	-	-	-	-	-	-
39.80	15.34	1,329.93	0.07		7.40	7.40		7.40	7.40	-	2,180.26	2,180.26	2.08	-	2,232.20
156.29					-	-		-	-	-	-	-	-	-	-
1,024.86					-	-		-	-	-	-	-	-	-	-
-	-	-	-		-	-		-	-	-	-	-	-	-	-
42.25	16.29	1,411.28	0.07		7.86	7.86		7.86	7.86	-	2,315.68	2,315.68	2.21	-	2,370.83
												2,570.16	0.13	0.02	2,578.52
												345.90	0.02	0.00	347.02
												8,843.64	0.46	0.06	8,872.42
												-	-	-	-
												4,531.57	0.24	0.03	4,546.32
												1,143.51	0.06	0.01	1,147.24
												15,339.65	0.80	0.10	15,389.58
												10,382.43	0.54	0.07	10,416.23
												16,444.13	0.86	0.11	16,497.66
												8,676.37	0.45	0.06	8,704.61
												3,750.54	0.20	0.02	3,762.75
												78.52	0.00	0.00	78.77
												4,174.06	0.22	0.03	4,187.64
												4,875.42	0.25	0.03	4,891.29
												899.34	0.05	0.01	902.27
												4,506.77	0.24	0.03	4,521.43
												16,468.73	0.86	0.11	16,522.34
												5,590.93	0.29	0.04	5,609.13
												431.16	0.02	0.00	432.56
												117,235.47	6.13	0.77	117,617.06
												44,715.05	2.34	0.29	44,860.60
												877.22	0.05	0.01	880.07
												1,837.21	0.10	0.02	1,846.09
												736.59	0.04	0.01	740.15
												19,770.06	1.10	0.23	19,865.60
												4,038.45	0.23	0.05	4,057.97
												1,305.23	0.07	0.02	1,311.54
												7,154.54	0.40	0.08	7,189.12
												11,246.30	0.63	0.13	11,300.65
												18,867.36	1.05	0.22	18,958.54

Emissions per Land Use Unit															
Tons/year										MT/year					
ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
												10,286.25	0.57	0.12	10,335.96
												1,054.23	0.06	0.01	1,059.33
												461.39	0.03	0.01	463.62
												7,054.07	0.39	0.08	7,088.16
												4,162.01	0.23	0.05	4,182.12
												4,355.79	0.24	0.05	4,376.84
												3,939.41	0.22	0.05	3,958.45
												387.68	0.02	0.00	389.55
												1,830.66	0.10	0.02	1,839.50
												490.33	0.03	0.01	492.70
												168,347.90	9.39	1.94	169,161.48
												51,538.18	2.87	0.59	51,787.24
												2,550.81	0.14	0.03	2,563.14
												1,231.55	0.07	0.01	1,236.94
												397.34	0.02	0.00	399.08
												9,846.10	0.54	0.10	9,889.20
												1,545.48	0.09	0.02	1,552.25
												499.50	0.03	0.01	501.69
												3,006.58	0.17	0.03	3,019.74
												4,928.29	0.27	0.05	4,949.86
												8,466.41	0.47	0.09	8,503.47
												4,069.71	0.23	0.04	4,087.53
												426.73	0.02	0.00	428.60
												201.96	0.01	0.00	202.84
												3,574.11	0.20	0.04	3,589.75
												1,843.09	0.10	0.02	1,851.16
												1,681.73	0.09	0.02	1,689.09
												1,507.58	0.08	0.02	1,514.18
												235.49	0.01	0.00	236.52
												702.46	0.04	0.01	705.54
												187.65	0.01	0.00	188.47
												68,989.92	3.81	0.69	69,291.88
												22,071.30	1.22	0.22	22,167.90
												1,159.37	0.06	0.01	1,164.44
												618.87	0.04	0.01	621.64
												208.08	0.01	0.00	209.01
												5,418.31	0.33	0.05	5,442.59
												776.41	0.05	0.01	779.89
												251.01	0.02	0.00	252.13
												1,650.09	0.10	0.02	1,657.49
												2,815.14	0.17	0.03	2,827.75
												4,673.23	0.28	0.05	4,694.17
												2,078.33	0.12	0.02	2,087.64
												214.44	0.01	0.00	215.40
												101.49	0.01	0.00	101.94
												1,904.41	0.11	0.02	1,912.94

Emissions per Land Use Unit															
Tons/year										MT/year					
ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
												978.80	0.06	0.01	983.18
												867.31	0.05	0.01	871.19
												757.58	0.05	0.01	760.97
												118.34	0.01	0.00	118.87
												406.64	0.02	0.00	408.46
												94.29	0.01	0.00	94.72
												36,519.23	2.19	0.37	36,682.84
												11,235.15	0.67	0.11	11,285.48
												582.60	0.04	0.01	585.21
0.29	2.45	1.04	0.02		0.20	0.20		0.20	0.20	-	2,832.61	2,832.61	0.05	0.05	2,849.45
0.05	0.43	0.18	0.00		0.03	0.03		0.03	0.03	-	494.08	494.08	0.01	0.01	497.01
0.98	8.42	3.58	0.05		0.68	0.68		0.68	0.68	-	9,746.73	9,746.73	0.19	0.18	9,804.65
-	-	-	-		-	-		-	-	-	-	-	-	-	-
0.91	7.80	3.32	0.05		0.63	0.63		0.63	0.63	-	9,032.05	9,032.05	0.17	0.17	9,085.72
0.23	1.97	0.84	0.01		0.16	0.16		0.16	0.16	-	2,279.18	2,279.18	0.04	0.04	2,292.73
1.35	12.31	10.34	0.07		0.94	0.94		0.94	0.94	-	13,399.73	13,399.73	0.26	0.25	13,479.36
0.92	8.33	7.00	0.05		0.63	0.63		0.63	0.63	-	9,069.43	9,069.43	0.17	0.17	9,123.32
1.09	9.95	8.36	0.06		0.76	0.76		0.76	0.76	-	10,834.26	10,834.26	0.21	0.20	10,898.64
0.58	5.25	4.41	0.03		0.40	0.40		0.40	0.40	-	5,716.45	5,716.45	0.11	0.10	5,750.42
0.76	6.93	5.82	0.04		0.53	0.53		0.53	0.53	-	7,539.94	7,539.94	0.14	0.14	7,584.75
0.01	0.10	0.08	0.00		0.01	0.01		0.01	0.01	-	104.11	104.11	0.00	0.00	104.72
0.28	2.53	2.12	0.02		0.19	0.19		0.19	0.19	-	2,750.09	2,750.09	0.05	0.05	2,766.43
0.32	2.94	2.47	0.02		0.22	0.22		0.22	0.22	-	3,201.82	3,201.82	0.06	0.06	3,220.85
0.06	0.54	0.46	0.00		0.04	0.04		0.04	0.04	-	592.54	592.54	0.01	0.01	596.06
0.27	2.28	0.97	0.01		0.18	0.18		0.18	0.18	-	2,643.27	2,643.27	0.05	0.05	2,658.98
0.69	6.28	5.28	0.04		0.48	0.48		0.48	0.48	-	6,837.19	6,837.19	0.13	0.13	6,877.82
0.22	2.03	1.70	0.01		0.15	0.15		0.15	0.15	-	2,205.86	2,205.86	0.04	0.04	2,218.97
0.09	0.74	0.32	0.00		0.06	0.06		0.06	0.06	-	859.36	859.36	0.02	0.02	864.47
20.87	178.36	75.90	1.14		14.42	14.42		14.42	14.42	-	206,557.53	206,557.53	3.96	3.79	207,785.00
1.78	16.21	13.61	0.10		1.23	1.23		1.23	1.23	-	17,641.97	17,641.97	0.34	0.32	17,746.81
0.15	1.40	1.18	0.01		0.11	0.11		0.11	0.11	-	1,528.76	1,528.76	0.03	0.03	1,537.84
0.11	0.91	0.39	0.01		0.07	0.07		0.07	0.07	-	1,058.64	1,058.64	0.02	0.02	1,064.94
0.05	0.42	0.18	0.00		0.03	0.03		0.03	0.03	-	481.78	481.78	0.01	0.01	484.65
1.19	10.16	4.32	0.06		0.82	0.82		0.82	0.82	-	11,769.80	11,769.80	0.23	0.22	11,839.74
0.41	3.52	1.50	0.02		0.28	0.28		0.28	0.28	-	4,077.06	4,077.06	0.08	0.07	4,101.29
0.16	1.33	0.57	0.01		0.11	0.11		0.11	0.11	-	1,538.72	1,538.72	0.03	0.03	1,547.86
0.38	3.46	2.91	0.02		0.26	0.26		0.26	0.26	-	3,772.01	3,772.01	0.07	0.07	3,794.42
0.59	5.36	4.51	0.03		0.41	0.41		0.41	0.41	-	5,840.25	5,840.25	0.11	0.11	5,874.96
0.74	6.69	5.62	0.04		0.51	0.51		0.51	0.51	-	7,288.01	7,288.01	0.14	0.13	7,331.32
0.42	3.85	3.23	0.02		0.29	0.29		0.29	0.29	-	4,185.98	4,185.98	0.08	0.08	4,210.85
0.13	1.17	0.98	0.01		0.09	0.09		0.09	0.09	-	1,276.09	1,276.09	0.02	0.02	1,283.68
0.04	0.37	0.31	0.00		0.03	0.03		0.03	0.03	-	400.69	400.69	0.01	0.01	403.07
0.25	2.23	1.88	0.01		0.17	0.17		0.17	0.17	-	2,431.37	2,431.37	0.05	0.04	2,445.82
0.17	1.56	1.31	0.01		0.12	0.12		0.12	0.12	-	1,702.72	1,702.72	0.03	0.03	1,712.84
0.18	1.65	1.38	0.01		0.13	0.13		0.13	0.13	-	1,790.95	1,790.95	0.03	0.03	1,801.59
0.13	1.11	0.47	0.01		0.09	0.09		0.09	0.09	-	1,289.16	1,289.16	0.02	0.02	1,296.82

Emissions per Land Use Unit															
Tons/year										MT/year					
ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
0.01	0.06	0.05	0.00		0.00	0.00		0.00	0.00	-	69.51	69.51	0.00	0.00	69.93
0.05	0.42	0.35	0.00		0.03	0.03		0.03	0.03	-	458.82	458.82	0.01	0.01	461.55
0.06	0.49	0.21	0.00		0.04	0.04		0.04	0.04	-	562.74	562.74	0.01	0.01	566.08
13.87	118.56	50.45	0.76		9.59	9.59		9.59	9.59	-	137,303.69	137,303.69	2.63	2.52	138,119.62
1.28	11.64	9.78	0.07		0.88	0.88		0.88	0.88	-	12,672.94	12,672.94	0.24	0.23	12,748.25
0.29	2.61	2.19	0.02		0.20	0.20		0.20	0.20	-	2,841.45	2,841.45	0.05	0.05	2,858.34
0.18	1.57	0.67	0.01		0.13	0.13		0.13	0.13	-	1,820.36	1,820.36	0.03	0.03	1,831.17
0.07	0.59	0.25	0.00		0.05	0.05		0.05	0.05	-	677.81	677.81	0.01	0.01	681.84
1.52	13.00	5.53	0.08		1.05	1.05		1.05	1.05	-	15,056.50	15,056.50	0.29	0.28	15,145.97
0.41	3.52	1.50	0.02		0.28	0.28		0.28	0.28	-	4,077.06	4,077.06	0.08	0.07	4,101.29
0.16	1.33	0.57	0.01		0.11	0.11		0.11	0.11	-	1,538.72	1,538.72	0.03	0.03	1,547.86
0.41	3.70	3.11	0.02		0.28	0.28		0.28	0.28	-	4,031.36	4,031.36	0.08	0.07	4,055.32
0.65	5.92	4.97	0.04		0.45	0.45		0.45	0.45	-	6,446.17	6,446.17	0.12	0.12	6,484.48
0.83	7.57	6.36	0.05		0.58	0.58		0.58	0.58	-	8,237.94	8,237.94	0.16	0.15	8,286.89
0.43	3.94	3.31	0.02		0.30	0.30		0.30	0.30	-	4,286.69	4,286.69	0.08	0.08	4,312.17
0.14	1.23	1.03	0.01		0.09	0.09		0.09	0.09	-	1,340.89	1,340.89	0.03	0.02	1,348.86
0.05	0.41	0.35	0.00		0.03	0.03		0.03	0.03	-	447.48	447.48	0.01	0.01	450.14
0.31	2.84	2.39	0.02		0.22	0.22		0.22	0.22	-	3,095.82	3,095.82	0.06	0.06	3,114.21
0.19	1.74	1.46	0.01		0.13	0.13		0.13	0.13	-	1,898.52	1,898.52	0.04	0.03	1,909.80
0.18	1.66	1.39	0.01		0.13	0.13		0.13	0.13	-	1,801.97	1,801.97	0.03	0.03	1,812.68
0.13	1.11	0.47	0.01		0.09	0.09		0.09	0.09	-	1,289.16	1,289.16	0.02	0.02	1,296.82
0.01	0.10	0.09	0.00		0.01	0.01		0.01	0.01	-	110.33	110.33	0.00	0.00	110.99
0.05	0.42	0.35	0.00		0.03	0.03		0.03	0.03	-	459.76	459.76	0.01	0.01	462.49
0.06	0.49	0.21	0.00		0.04	0.04		0.04	0.04	-	562.74	562.74	0.01	0.01	566.08
14.72	125.82	53.54	0.80		10.17	10.17		10.17	10.17	-	145,718.86	145,718.86	2.79	2.67	146,584.79
1.39	12.63	10.61	0.08		0.96	0.96		0.96	0.96	-	13,747.38	13,747.38	0.26	0.25	13,829.07
0.33	2.98	2.51	0.02		0.23	0.23		0.23	0.23	-	3,247.92	3,247.92	0.06	0.06	3,267.22
0.18	1.57	0.67	0.01		0.13	0.13		0.13	0.13	-	1,820.36	1,820.36	0.03	0.03	1,831.17
0.07	0.61	0.26	0.00		0.05	0.05		0.05	0.05	-	706.22	706.22	0.01	0.01	710.42
1.66	14.17	6.03	0.09		1.15	1.15		1.15	1.15	-	16,406.10	16,406.10	0.31	0.30	16,503.59
0.41	3.52	1.50	0.02		0.28	0.28		0.28	0.28	-	4,076.03	4,076.03	0.08	0.07	4,100.25
0.16	1.33	0.57	0.01		0.11	0.11		0.11	0.11	-	1,538.72	1,538.72	0.03	0.03	1,547.86
0.43	3.95	3.32	0.02		0.30	0.30		0.30	0.30	-	4,299.52	4,299.52	0.08	0.08	4,325.07
0.72	6.53	5.48	0.04		0.50	0.50		0.50	0.50	-	7,103.63	7,103.63	0.14	0.13	7,145.84
0.90	8.15	6.85	0.05		0.62	0.62		0.62	0.62	-	8,873.74	8,873.74	0.17	0.16	8,926.48
0.44	3.99	3.35	0.02		0.30	0.30		0.30	0.30	-	4,338.50	4,338.50	0.08	0.08	4,364.28
0.14	1.23	1.03	0.01		0.09	0.09		0.09	0.09	-	1,340.89	1,340.89	0.03	0.02	1,348.86
0.05	0.41	0.35	0.00		0.03	0.03		0.03	0.03	-	447.48	447.48	0.01	0.01	450.14
0.33	3.00	2.52	0.02		0.23	0.23		0.23	0.23	-	3,263.57	3,263.57	0.06	0.06	3,282.96
0.20	1.82	1.53	0.01		0.14	0.14		0.14	0.14	-	1,980.24	1,980.24	0.04	0.04	1,992.00
0.19	1.69	1.42	0.01		0.13	0.13		0.13	0.13	-	1,834.40	1,834.40	0.04	0.03	1,845.30
0.13	1.11	0.47	0.01		0.09	0.09		0.09	0.09	-	1,289.16	1,289.16	0.02	0.02	1,296.82
0.01	0.10	0.09	0.00		0.01	0.01		0.01	0.01	-	110.34	110.34	0.00	0.00	110.99
0.05	0.47	0.39	0.00		0.04	0.04		0.04	0.04	-	508.90	508.90	0.01	0.01	511.92
0.06	0.49	0.21	0.00		0.04	0.04		0.04	0.04	-	562.74	562.74	0.01	0.01	566.08
15.41	131.69	56.04	0.84		10.65	10.65		10.65	10.65	-	152,509.44	152,509.44	2.92	2.80	153,415.73

Emissions per Land Use Unit															
Tons/year										MT/year					
ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
1.40	12.75	10.71	0.08		0.97	0.97		0.97	0.97	-	13,884.63	13,884.63	0.27	0.25	13,967.14
0.33	2.98	2.51	0.02		0.23	0.23		0.23	0.23	-	3,247.92	3,247.92	0.06	0.06	3,267.22
												467.63	27.64	-	1,158.52
												60.04	3.55	-	148.75
												1,609.05	95.09	-	3,986.36
												283.01	16.73	-	701.15
												677.16	40.02	-	1,677.64
												170.88	10.10	-	423.34
												2,888.69	170.72	-	7,156.60
												1,955.17	115.55	-	4,843.85
												1,911.60	112.97	-	4,735.91
												1,008.61	59.61	-	2,498.80
												3,513.58	207.65	-	8,704.75
												5.24	0.31	-	12.97
												646.97	38.23	-	1,602.84
												1,373.22	81.16	-	3,402.10
												1,214.10	71.75	-	3,007.87
												592.66	35.03	-	1,468.28
												1,843.56	108.95	-	4,567.33
												608.04	35.93	-	1,506.38
												64.43	3.81	-	159.62
												21,538.35	1,272.88	-	53,360.35
												2,431.46	143.70	-	6,023.85
												130.89	7.74	-	324.27
												185.36	10.95	-	459.22
												72.89	4.31	-	180.59
												1,942.34	114.79	-	4,812.06
												309.17	18.27	-	765.95
												116.63	6.89	-	288.94
												866.63	51.22	-	2,147.05
												1,368.48	80.88	-	3,390.36
												1,439.55	85.07	-	3,566.42
												756.69	44.72	-	1,874.67
												611.65	36.15	-	1,515.34
												20.15	1.19	-	49.92
												768.14	45.40	-	1,903.04
												769.66	45.49	-	1,906.80
												3,697.30	218.50	-	9,159.89
												268.92	15.89	-	666.24
												32.19	1.90	-	79.74
												130.15	7.69	-	322.45
												42.67	2.52	-	105.72
												16,167.86	955.49	-	40,055.20
												1,855.46	109.65	-	4,596.83
												250.08	14.78	-	619.56
												329.39	19.47	-	816.05

Emissions per Land Use Unit															
Tons/year										MT/year					
ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
												102.88	6.08	-	254.88
												2,563.82	151.52	-	6,351.76
												309.17	18.27	-	765.95
												116.63	6.89	-	288.94
												960.37	56.76	-	2,379.28
												1,586.93	93.78	-	3,931.55
												1,727.49	102.09	-	4,279.79
												787.37	46.53	-	1,950.67
												651.84	38.52	-	1,614.90
												23.72	1.40	-	58.76
												1,037.11	61.29	-	2,569.39
												913.26	53.97	-	2,262.57
												3,736.95	220.85	-	9,258.15
												268.92	15.89	-	666.24
												51.09	3.02	-	126.58
												130.61	7.72	-	323.58
												42.67	2.52	-	105.72
												17,438.52	1,030.59	-	43,203.20
												2,115.12	125.00	-	5,240.11
												311.41	18.40	-	771.50
												329.39	19.47	-	816.05
												107.22	6.34	-	265.64
												2,819.02	166.60	-	6,983.99
												309.07	18.27	-	765.72
												116.63	6.89	-	288.94
												1,057.36	62.49	-	2,619.57
												1,824.98	107.85	-	4,521.32
												1,920.00	113.47	-	4,756.73
												803.14	47.46	-	1,989.75
												651.84	38.52	-	1,614.90
												23.72	1.40	-	58.76
												1,104.29	65.26	-	2,735.82
												973.40	57.53	-	2,411.56
												3,852.82	227.70	-	9,545.19
												268.92	15.89	-	666.24
												51.09	3.02	-	126.58
												154.22	9.11	-	382.07
												42.67	2.52	-	105.72
												18,463.86	1,091.18	-	45,743.44
												2,147.82	126.93	-	5,321.13
												311.41	18.40	-	771.50
												441.03	0.41	0.25	526.84
												56.63	0.05	0.03	67.64
												1,517.54	1.43	0.87	1,812.79
												9,383.63	0.49	0.06	9,414.18
												638.65	0.60	0.37	762.90

Emissions per Land Use Unit															
Tons/year										MT/year					
ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
												161.16	0.15	0.09	192.51
												2,774.34	3.33	2.05	3,469.59
												1,877.77	2.25	1.39	2,348.35
												2,417.27	2.28	1.40	2,890.51
												1,425.58	1.35	0.82	1,704.67
												228.84	0.25	0.16	281.59
												1.31	0.00	0.00	1.63
												621.36	0.75	0.46	777.07
												246.23	0.14	0.08	274.77
												79.08	0.09	0.05	97.30
												558.95	0.53	0.32	667.70
												2,331.23	2.20	1.35	2,787.61
												283.82	0.27	0.16	339.38
												60.77	0.06	0.03	72.59
												9,721.34	9.13	5.58	11,612.71
												1,134.95	1.07	0.66	1,357.14
												11.96	0.01	0.01	13.72
												265.07	0.17	0.10	299.73
												104.24	0.07	0.04	117.87
												2,777.64	1.78	1.07	3,140.75
												442.13	0.28	0.17	499.92
												166.78	0.11	0.06	188.58
												1,217.41	1.02	0.62	1,428.72
												1,922.39	1.61	0.98	2,256.07
												2,758.06	1.78	1.07	3,121.08
												1,620.45	1.04	0.63	1,833.74
												59.04	0.05	0.03	68.35
												7.45	0.01	0.00	8.68
												1,079.06	0.91	0.55	1,266.36
												219.63	0.08	0.05	236.21
												356.85	0.27	0.17	413.18
												384.57	0.25	0.15	434.85
												61.67	0.04	0.02	69.79
												92.05	0.06	0.04	104.16
												61.02	0.04	0.02	69.00
												11,064.91	7.09	4.26	12,511.38
												1,312.23	0.85	0.51	1,484.95
												35.71	0.02	0.01	39.15
												230.46	0.29	0.18	290.81
												71.98	0.09	0.06	90.83
												1,793.81	2.24	1.39	2,263.53
												216.31	0.27	0.17	272.96
												81.60	0.10	0.06	102.97
												708.99	1.10	0.68	939.88
												1,171.54	1.81	1.13	1,553.08
												1,621.82	2.04	1.26	2,048.82

Emissions per Land Use Unit															
Tons/year										MT/year					
ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
												826.24	1.04	0.64	1,043.77
												32.23	0.05	0.03	42.00
												4.54	0.01	0.00	5.96
												765.64	1.18	0.74	1,014.98
												115.32	0.09	0.06	134.25
												184.75	0.27	0.17	240.78
												188.16	0.24	0.15	237.42
												47.96	0.06	0.04	60.59
												45.26	0.06	0.04	57.18
												29.86	0.04	0.02	37.67
												5,839.06	7.30	4.52	7,368.03
												733.00	0.92	0.57	925.98
												20.46	0.02	0.01	24.62
												156.26	0.28	0.18	216.30
												50.87	0.09	0.06	70.41
												1,337.35	2.43	1.52	1,851.11
												146.63	0.27	0.17	202.95
												55.33	0.10	0.06	76.58
												563.24	1.20	0.75	816.52
												972.14	2.06	1.29	1,409.30
												1,223.97	2.24	1.40	1,696.08
												572.27	1.05	0.65	793.01
												22.76	0.05	0.03	32.49
												3.23	0.01	0.00	4.65
												588.23	1.25	0.78	852.76
												75.15	0.10	0.06	95.13
												134.53	0.27	0.17	192.06
												127.58	0.23	0.15	176.59
												32.57	0.06	0.04	45.13
												36.29	0.07	0.04	50.29
												20.24	0.04	0.02	28.02
												4,191.94	7.63	4.76	5,802.31
												505.42	0.92	0.58	700.36
												13.06	0.02	0.01	17.19
197.66					-	-		-	-	-	-	-	-	-	-
1,210.27					-	-		-	-	-	-	-	-	-	-
-	-	-	-		-	-		-	-	-	-	-	-	-	-
49.29	18.28	1,562.67	0.08		8.43	8.43		8.43	8.43	-	2,517.84	2,517.84	2.57	-	2,582.08
197.38					-	-		-	-	-	-	-	-	-	-
1,317.72					-	-		-	-	-	-	-	-	-	-
-	-	-	-		-	-		-	-	-	-	-	-	-	-
50.47	19.33	1,678.51	0.09		9.31	9.31		9.31	9.31	-	2,744.80	2,744.80	2.63	-	2,810.61
197.38					-	-		-	-	-	-	-	-	-	-
1,317.72					-	-		-	-	-	-	-	-	-	-
-	-	-	-		-	-		-	-	-	-	-	-	-	-
50.13	19.31	1,674.20	0.09		9.31	9.31		9.31	9.31	-	2,744.80	2,744.80	2.62	-	2,810.22

Emissions per Land Use Unit															
Tons/year										MT/year					
ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
224.64					-	-		-	-	-	-	-	-	-	-
1,497.43					-	-		-	-	-	-	-	-	-	-
-	-	-	-		-	-		-	-	-	-	-	-	-	-
58.86	22.68	1,965.26	0.10		10.94	10.94		10.94	10.94	-	3,224.80	3,224.80	3.07	-	3,301.64
												2,570.16	0.13	0.02	2,578.52
												345.90	0.02	0.00	347.02
												8,843.64	0.46	0.06	8,872.42
												-	-	-	-
												4,531.57	0.24	0.03	4,546.32
												1,143.51	0.06	0.01	1,147.24
												27,588.34	1.44	0.18	27,678.14
												18,674.30	0.98	0.12	18,735.08
												23,907.24	1.25	0.16	23,985.05
												12,614.69	0.66	0.08	12,655.75
												4,919.37	0.26	0.03	4,935.38
												111.49	0.01	0.00	111.85
												6,067.71	0.32	0.04	6,087.46
												6,305.78	0.33	0.04	6,326.30
												1,307.98	0.07	0.01	1,312.24
												4,506.77	0.24	0.03	4,521.43
												26,025.86	1.36	0.17	26,110.57
												5,397.40	0.28	0.04	5,414.97
												431.16	0.02	0.00	432.56
												117,182.37	6.13	0.77	117,563.78
												43,164.08	2.26	0.28	43,304.58
												814.05	0.04	0.01	816.70
												1,591.82	0.08	0.01	1,597.20
												187.40	0.01	0.00	188.03
												6,193.93	0.31	0.04	6,214.86
												-	-	-	-
												2,378.20	0.12	0.02	2,386.23
												513.98	0.03	0.00	515.71
												12,860.98	0.64	0.09	12,904.44
												9,731.47	0.49	0.07	9,764.35
												12,309.53	0.62	0.09	12,351.12
												6,203.17	0.31	0.04	6,224.13
												2,240.19	0.11	0.02	2,247.76
												48.30	0.00	0.00	48.47
												3,769.45	0.19	0.03	3,782.19
												2,894.55	0.14	0.02	2,904.33
												571.78	0.03	0.00	573.71
												2,319.78	0.12	0.02	2,327.61
												11,041.64	0.55	0.08	11,078.94
												2,300.96	0.12	0.02	2,308.73
												199.32	0.01	0.00	199.99
												64,511.08	3.23	0.46	64,729.03

Emissions per Land Use Unit															
Tons/year										MT/year					
ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
												20,566.04	1.03	0.15	20,635.53
												359.55	0.02	0.00	360.76
												870.92	0.04	-	872.04
												99.78	0.01	-	99.91
												3,272.64	0.17	-	3,276.84
												-	-	-	-
												1,325.13	0.07	-	1,326.83
												286.41	0.01	-	286.78
												7,089.98	0.36	-	7,099.07
												5,303.51	0.27	-	5,310.31
												6,647.08	0.34	-	6,655.60
												3,369.65	0.17	-	3,373.97
												1,239.97	0.06	-	1,241.56
												26.91	0.00	-	26.94
												2,002.16	0.10	-	2,004.73
												1,586.31	0.08	-	1,588.34
												318.37	0.02	-	318.78
												1,293.16	0.07	-	1,294.82
												6,168.46	0.32	-	6,176.37
												1,273.76	0.07	-	1,275.39
												111.05	0.01	-	111.19
												35,593.22	1.83	-	35,638.85
												11,199.28	0.57	-	11,213.64
												198.43	0.01	-	198.69
												1,143.36	0.06	-	1,144.83
												476.25	0.02	-	476.86
												5,204.66	0.27	-	5,211.33
												-	-	-	-
												1,325.10	0.07	-	1,326.80
												285.98	0.01	-	286.34
												7,979.63	0.41	-	7,989.86
												6,360.33	0.33	-	6,368.49
												7,779.50	0.40	-	7,789.47
												3,746.88	0.19	-	3,751.69
												1,277.13	0.07	-	1,278.77
												26.91	0.00	-	26.94
												2,377.01	0.12	-	2,380.06
												1,794.73	0.09	-	1,797.03
												335.75	0.02	-	336.18
												1,293.16	0.07	-	1,294.82
												6,133.17	0.31	-	6,141.03
												1,363.66	0.07	-	1,365.40
												111.05	0.01	-	111.19
												38,575.73	1.98	-	38,625.19
												12,027.84	0.62	-	12,043.26
												206.43	0.01	-	206.70

Emissions per Land Use Unit															
Tons/year										MT/year					
ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
0.29	2.45	1.04	0.02		0.20	0.20		0.20	0.20	-	2,832.61	2,832.61	0.05	0.05	2,849.45
0.05	0.43	0.18	0.00		0.03	0.03		0.03	0.03	-	494.08	494.08	0.01	0.01	497.01
0.98	8.42	3.58	0.05		0.68	0.68		0.68	0.68	-	9,746.73	9,746.73	0.19	0.18	9,804.65
-	-	-	-		-	-		-	-	-	-	-	-	-	-
0.91	7.80	3.32	0.05		0.63	0.63		0.63	0.63	-	9,032.05	9,032.05	0.17	0.17	9,085.72
0.23	1.97	0.84	0.01		0.16	0.16		0.16	0.16	-	2,279.18	2,279.18	0.04	0.04	2,292.73
2.39	21.73	18.25	0.13		1.65	1.65		1.65	1.65	-	23,651.01	23,651.01	0.45	0.43	23,791.55
1.62	14.71	12.35	0.09		1.12	1.12		1.12	1.12	-	16,009.15	16,009.15	0.31	0.29	16,104.29
0.86	7.86	6.60	0.05		0.60	0.60		0.60	0.60	-	8,553.93	8,553.93	0.16	0.16	8,604.76
0.46	4.15	3.48	0.02		0.32	0.32		0.32	0.32	-	4,513.49	4,513.49	0.09	0.08	4,540.32
0.64	5.79	4.86	0.03		0.44	0.44		0.44	0.44	-	6,300.18	6,300.18	0.12	0.12	6,337.62
0.02	0.14	0.12	0.00		0.01	0.01		0.01	0.01	-	150.51	150.51	0.00	0.00	151.41
0.22	1.99	1.68	0.01		0.15	0.15		0.15	0.15	-	2,171.01	2,171.01	0.04	0.04	2,183.91
0.51	4.60	3.87	0.03		0.35	0.35		0.35	0.35	-	5,009.80	5,009.80	0.10	0.09	5,039.57
0.05	0.43	0.36	0.00		0.03	0.03		0.03	0.03	-	467.99	467.99	0.01	0.01	470.77
0.27	2.28	0.97	0.01		0.18	0.18		0.18	0.18	-	2,643.27	2,643.27	0.05	0.05	2,658.98
1.01	9.22	7.75	0.06		0.70	0.70		0.70	0.70	-	10,037.37	10,037.37	0.19	0.18	10,097.01
0.10	0.90	0.76	0.01		0.07	0.07		0.07	0.07	-	981.99	981.99	0.02	0.02	987.83
0.09	0.74	0.32	0.00		0.06	0.06		0.06	0.06	-	859.36	859.36	0.02	0.02	864.47
20.86	178.28	75.86	1.14		14.41	14.41		14.41	14.41	-	206,463.97	206,463.97	3.96	3.79	207,690.88
0.79	7.21	6.06	0.04		0.55	0.55		0.55	0.55	-	7,853.19	7,853.19	0.15	0.14	7,899.86
0.10	0.88	0.74	0.01		0.07	0.07		0.07	0.07	-	960.79	960.79	0.02	0.02	966.49
0.37	3.12	1.33	0.02		0.25	0.25		0.25	0.25	-	3,618.68	3,618.68	0.07	0.07	3,640.18
0.05	0.45	0.19	0.00		0.04	0.04		0.04	0.04	-	516.52	516.52	0.01	0.01	519.58
1.39	11.85	5.04	0.08		0.96	0.96		0.96	0.96	-	13,720.74	13,720.74	0.26	0.25	13,802.28
-	-	-	-		-	-		-	-	-	-	-	-	-	-
0.90	7.70	3.28	0.05		0.62	0.62		0.62	0.62	-	8,919.10	8,919.10	0.17	0.16	8,972.10
0.23	1.94	0.83	0.01		0.16	0.16		0.16	0.16	-	2,251.84	2,251.84	0.04	0.04	2,265.22
2.60	23.59	19.82	0.14		1.79	1.79		1.79	1.79	-	25,683.83	25,683.83	0.49	0.47	25,836.45
1.96	17.84	14.98	0.11		1.36	1.36		1.36	1.36	-	19,419.50	19,419.50	0.37	0.36	19,534.90
1.01	9.17	7.71	0.06		0.70	0.70		0.70	0.70	-	9,986.78	9,986.78	0.19	0.18	10,046.12
0.51	4.64	3.89	0.03		0.35	0.35		0.35	0.35	-	5,046.59	5,046.59	0.10	0.09	5,076.58
0.65	5.92	4.97	0.04		0.45	0.45		0.45	0.45	-	6,444.55	6,444.55	0.12	0.12	6,482.85
0.02	0.14	0.12	0.00		0.01	0.01		0.01	0.01	-	150.87	150.87	0.00	0.00	151.76
0.31	2.78	2.33	0.02		0.21	0.21		0.21	0.21	-	3,025.93	3,025.93	0.06	0.06	3,043.91
0.55	5.00	4.20	0.03		0.38	0.38		0.38	0.38	-	5,439.99	5,439.99	0.10	0.10	5,472.32
0.05	0.43	0.36	0.00		0.03	0.03		0.03	0.03	-	468.93	468.93	0.01	0.01	471.71
0.29	2.44	1.04	0.02		0.20	0.20		0.20	0.20	-	2,820.16	2,820.16	0.05	0.05	2,836.92
0.99	8.96	7.53	0.05		0.68	0.68		0.68	0.68	-	9,756.97	9,756.97	0.19	0.18	9,814.95
0.10	0.91	0.77	0.01		0.07	0.07		0.07	0.07	-	994.63	994.63	0.02	0.02	1,000.54
0.09	0.73	0.31	0.00		0.06	0.06		0.06	0.06	-	849.64	849.64	0.02	0.02	854.69
19.84	169.53	72.14	1.08		13.71	13.71		13.71	13.71	-	196,336.68	196,336.68	3.76	3.60	197,503.41
0.89	8.10	6.80	0.05		0.62	0.62		0.62	0.62	-	8,815.55	8,815.55	0.17	0.16	8,867.94
0.10	0.91	0.77	0.01		0.07	0.07		0.07	0.07	-	994.38	994.38	0.02	0.02	1,000.29
0.35	3.00	1.28	0.02		0.24	0.24		0.24	0.24	-	3,479.94	3,479.94	0.07	0.06	3,500.62
0.05	0.41	0.17	0.00		0.03	0.03		0.03	0.03	-	469.84	469.84	0.01	0.01	472.63

Emissions per Land Use Unit															
Tons/year										MT/year					
ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
1.30	11.10	4.72	0.07		0.90	0.90		0.90	0.90	-	12,854.07	12,854.07	0.25	0.24	12,930.46
-	-	-	-		-	-		-	-	-	-	-	-	-	-
0.90	7.70	3.28	0.05		0.62	0.62		0.62	0.62	-	8,919.72	8,919.72	0.17	0.16	8,972.72
0.23	1.94	0.83	0.01		0.16	0.16		0.16	0.16	-	2,251.92	2,251.92	0.04	0.04	2,265.30
2.53	23.00	19.32	0.14		1.75	1.75		1.75	1.75	-	25,034.70	25,034.70	0.48	0.46	25,183.47
1.86	16.87	14.17	0.10		1.28	1.28		1.28	1.28	-	18,364.15	18,364.15	0.35	0.34	18,473.28
0.94	8.52	7.16	0.05		0.65	0.65		0.65	0.65	-	9,278.54	9,278.54	0.18	0.17	9,333.68
0.48	4.37	3.67	0.03		0.33	0.33		0.33	0.33	-	4,759.89	4,759.89	0.09	0.09	4,788.18
0.64	5.85	4.91	0.04		0.44	0.44		0.44	0.44	-	6,367.39	6,367.39	0.12	0.12	6,405.23
0.02	0.14	0.12	0.00		0.01	0.01		0.01	0.01	-	150.86	150.86	0.00	0.00	151.75
0.27	2.47	2.07	0.01		0.19	0.19		0.19	0.19	-	2,685.89	2,685.89	0.05	0.05	2,701.85
0.53	4.78	4.01	0.03		0.36	0.36		0.36	0.36	-	5,198.28	5,198.28	0.10	0.10	5,229.17
0.05	0.43	0.36	0.00		0.03	0.03		0.03	0.03	-	468.34	468.34	0.01	0.01	471.12
0.29	2.44	1.04	0.02		0.20	0.20		0.20	0.20	-	2,821.11	2,821.11	0.05	0.05	2,837.88
0.99	9.01	7.57	0.05		0.69	0.69		0.69	0.69	-	9,812.35	9,812.35	0.19	0.18	9,870.66
0.10	0.90	0.76	0.01		0.07	0.07		0.07	0.07	-	980.71	980.71	0.02	0.02	986.54
0.09	0.73	0.31	0.00		0.06	0.06		0.06	0.06	-	849.64	849.64	0.02	0.02	854.69
19.54	167.02	71.07	1.07		13.50	13.50		13.50	13.50	-	193,426.93	193,426.93	3.71	3.55	194,576.37
0.84	7.64	6.41	0.05		0.58	0.58		0.58	0.58	-	8,313.40	8,313.40	0.16	0.15	8,362.80
0.10	0.90	0.75	0.01		0.07	0.07		0.07	0.07	-	975.08	975.08	0.02	0.02	980.87
0.46	3.94	1.68	0.03		0.32	0.32		0.32	0.32	-	4,561.89	4,561.89	0.09	0.08	4,589.00
0.22	1.84	0.78	0.01		0.15	0.15		0.15	0.15	-	2,128.41	2,128.41	0.04	0.04	2,141.06
2.06	17.59	7.48	0.11		1.42	1.42		1.42	1.42	-	20,368.90	20,368.90	0.39	0.37	20,489.95
-	-	-	-		-	-		-	-	-	-	-	-	-	-
0.90	7.70	3.28	0.05		0.62	0.62		0.62	0.62	-	8,919.56	8,919.56	0.17	0.16	8,972.56
0.23	1.94	0.83	0.01		0.16	0.16		0.16	0.16	-	2,250.44	2,250.44	0.04	0.04	2,263.81
2.82	25.64	21.54	0.15		1.95	1.95		1.95	1.95	-	27,910.84	27,910.84	0.54	0.51	28,076.70
2.21	20.05	16.84	0.12		1.52	1.52		1.52	1.52	-	21,825.28	21,825.28	0.42	0.40	21,954.98
1.08	9.83	8.26	0.06		0.75	0.75		0.75	0.75	-	10,702.07	10,702.07	0.21	0.20	10,765.67
0.53	4.83	4.06	0.03		0.37	0.37		0.37	0.37	-	5,257.89	5,257.89	0.10	0.10	5,289.13
0.66	6.02	5.05	0.04		0.46	0.46		0.46	0.46	-	6,549.20	6,549.20	0.13	0.12	6,588.12
0.02	0.14	0.12	0.00		0.01	0.01		0.01	0.01	-	150.86	150.86	0.00	0.00	151.75
0.32	2.90	2.44	0.02		0.22	0.22		0.22	0.22	-	3,156.46	3,156.46	0.06	0.06	3,175.22
0.59	5.32	4.47	0.03		0.40	0.40		0.40	0.40	-	5,795.19	5,795.19	0.11	0.11	5,829.63
0.05	0.45	0.38	0.00		0.03	0.03		0.03	0.03	-	487.43	487.43	0.01	0.01	490.32
0.29	2.44	1.04	0.02		0.20	0.20		0.20	0.20	-	2,821.11	2,821.11	0.05	0.05	2,837.88
0.99	8.99	7.55	0.05		0.68	0.68		0.68	0.68	-	9,784.80	9,784.80	0.19	0.18	9,842.94
0.11	0.96	0.80	0.01		0.07	0.07		0.07	0.07	-	1,040.06	1,040.06	0.02	0.02	1,046.25
0.09	0.73	0.31	0.00		0.06	0.06		0.06	0.06	-	849.64	849.64	0.02	0.02	854.69
21.11	180.38	76.76	1.15		14.58	14.58		14.58	14.58	-	208,896.59	208,896.59	4.00	3.83	210,137.96
0.91	8.24	6.92	0.05		0.63	0.63		0.63	0.63	-	8,966.34	8,966.34	0.17	0.16	9,019.62
0.10	0.93	0.78	0.01		0.07	0.07		0.07	0.07	-	1,010.44	1,010.44	0.02	0.02	1,016.44
												467.63	27.64	-	1,158.52
												60.04	3.55	-	148.75
												1,609.05	95.09	-	3,986.36
												283.02	16.73	-	701.16

Emissions per Land Use Unit															
Tons/year										MT/year					
ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
												677.16	40.02	-	1,677.64
												170.88	10.10	-	423.34
												2,888.61	170.71	-	7,156.41
												1,955.27	115.55	-	4,844.11
												1,911.60	112.97	-	4,735.91
												1,008.66	59.61	-	2,498.91
												3,514.26	207.69	-	8,706.43
												5.22	0.31	-	12.94
												646.89	38.23	-	1,602.65
												1,373.27	81.16	-	3,402.23
												1,214.54	71.78	-	3,008.96
												592.66	35.03	-	1,468.28
												1,843.64	108.96	-	4,567.54
												608.09	35.94	-	1,506.52
												64.43	3.81	-	159.62
												21,528.56	1,272.30	-	53,336.09
												2,431.51	143.70	-	6,023.96
												130.89	7.74	-	324.27
												567.21	33.52	-	1,405.23
												62.35	3.68	-	154.47
												2,162.15	127.78	-	5,356.65
												283.01	16.73	-	701.15
												676.24	39.96	-	1,675.37
												170.60	10.08	-	422.65
												3,156.50	186.54	-	7,820.10
												2,404.80	142.12	-	5,957.78
												2,298.60	135.84	-	5,694.70
												1,152.55	68.11	-	2,855.39
												3,602.13	212.88	-	8,924.12
												5.24	0.31	-	12.97
												954.70	56.42	-	2,365.24
												1,513.00	89.42	-	3,748.40
												1,217.74	71.97	-	3,016.89
												587.89	34.74	-	1,456.48
												1,781.04	105.26	-	4,412.45
												617.83	36.51	-	1,530.66
												64.43	3.81	-	159.62
												22,798.56	1,347.36	-	56,482.46
												2,785.62	164.63	-	6,901.25
												136.41	8.06	-	337.96
												567.21	33.52	-	1,405.23
												62.35	3.68	-	154.47
												2,162.15	127.78	-	5,356.65
												283.01	16.73	-	701.15
												676.24	39.96	-	1,675.37
												170.60	10.08	-	422.65

Emissions per Land Use Unit															
Tons/year										MT/year					
ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
												3,156.50	186.54	-	7,820.10
												2,404.80	142.12	-	5,957.78
												2,298.60	135.84	-	5,694.70
												1,152.55	68.11	-	2,855.39
												3,602.13	212.88	-	8,924.12
												5.24	0.31	-	12.97
												954.70	56.42	-	2,365.24
												1,513.00	89.42	-	3,748.40
												1,217.74	71.97	-	3,016.89
												587.89	34.74	-	1,456.48
												1,781.04	105.26	-	4,412.45
												617.83	36.51	-	1,530.66
												64.43	3.81	-	159.62
												22,798.56	1,347.36	-	56,482.46
												2,785.62	164.63	-	6,901.25
												136.41	8.06	-	337.96
												745.56	44.06	-	1,847.09
												309.03	18.26	-	765.61
												3,448.79	203.82	-	8,544.23
												281.76	16.65	-	698.05
												676.23	39.96	-	1,675.32
												170.32	10.07	-	421.95
												3,586.25	211.94	-	8,884.77
												2,908.09	171.86	-	7,204.68
												2,723.74	160.97	-	6,747.95
												1,289.01	76.18	-	3,193.48
												3,718.80	219.77	-	9,213.18
												5.24	0.31	-	12.97
												1,142.63	67.53	-	2,830.83
												1,729.49	102.21	-	4,284.74
												1,300.30	76.85	-	3,221.44
												587.89	34.74	-	1,456.48
												1,766.07	104.37	-	4,375.37
												665.73	39.34	-	1,649.31
												64.43	3.81	-	159.62
												24,779.37	1,464.42	-	61,389.85
												2,979.41	176.08	-	7,381.35
												142.52	8.42	-	353.08
												441.03	0.41	0.25	526.84
												56.63	0.05	0.03	67.64
												1,517.54	1.43	0.87	1,812.79
												9,383.81	0.49	0.06	9,414.35
												638.65	0.60	0.37	762.90
												161.16	0.15	0.09	192.51
												2,774.26	3.33	2.05	3,469.50
												1,877.87	2.25	1.39	2,348.48

Emissions per Land Use Unit															
Tons/year										MT/year					
ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
												2,417.27	2.28	1.40	2,890.51
												1,425.65	1.35	0.82	1,704.75
												228.89	0.25	0.16	281.64
												1.31	0.00	0.00	1.62
												621.28	0.75	0.46	776.98
												246.23	0.14	0.08	274.78
												79.10	0.09	0.05	97.34
												558.95	0.53	0.32	667.70
												2,331.33	2.20	1.35	2,787.74
												283.84	0.27	0.16	339.41
												60.77	0.06	0.03	72.59
												9,716.94	9.13	5.58	11,607.45
												1,134.97	1.07	0.66	1,357.16
												11.96	0.01	0.01	13.72
												320.71	0.49	0.31	424.11
												35.25	0.05	0.03	46.62
												1,222.52	1.87	1.17	1,616.69
												4,293.17	0.21	0.03	4,307.67
												382.36	0.59	0.36	505.64
												96.46	0.15	0.09	127.56
												1,943.58	3.58	2.24	2,699.87
												1,480.72	2.73	1.70	2,056.91
												1,745.20	2.68	1.67	2,310.57
												978.09	1.50	0.94	1,294.96
												146.91	0.25	0.16	200.71
												0.83	0.00	0.00	1.14
												587.85	1.08	0.68	816.59
												146.81	0.15	0.09	177.87
												49.66	0.09	0.05	67.85
												332.41	0.51	0.32	439.58
												1,352.24	2.08	1.30	1,790.32
												173.15	0.27	0.17	229.25
												36.43	0.06	0.03	48.18
												6,169.10	9.44	5.88	8,158.15
												780.70	1.20	0.75	1,033.61
												7.03	0.01	0.01	8.84
												240.69	0.49	0.30	343.61
												26.46	0.05	0.03	37.77
												917.50	1.86	1.16	1,309.83
												2,391.91	0.12	-	2,394.97
												286.96	0.58	0.36	409.67
												72.39	0.15	0.09	103.35
												1,537.22	3.56	2.23	2,291.07
												1,171.14	2.71	1.70	1,745.46
												1,311.40	2.66	1.67	1,874.17
												734.97	1.49	0.93	1,050.37

Emissions per Land Use Unit															
Tons/year										MT/year					
ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
												114.15	0.25	0.16	167.76
												0.65	0.00	0.00	0.96
												464.94	1.08	0.67	692.95
												100.32	0.15	0.09	131.10
												38.59	0.09	0.05	56.71
												249.47	0.50	0.32	356.15
												1,016.12	2.06	1.29	1,452.17
												130.11	0.26	0.17	185.95
												27.34	0.06	0.03	39.03
												4,629.91	9.37	5.86	6,609.70
												586.64	1.19	0.74	838.39
												5.00	0.01	0.01	6.80
												316.37	0.64	0.40	451.66
												131.14	0.27	0.17	187.21
												1,463.48	2.96	1.85	2,089.28
												2,381.33	0.12	-	2,384.38
												286.95	0.58	0.36	409.66
												72.27	0.15	0.09	103.18
												1,746.51	4.04	2.54	2,602.99
												1,416.25	3.28	2.06	2,110.77
												1,553.95	3.16	1.97	2,220.80
												821.99	1.67	1.04	1,174.74
												117.85	0.26	0.16	173.19
												0.65	0.00	0.00	0.96
												556.47	1.29	0.81	829.35
												114.67	0.17	0.10	149.86
												41.21	0.09	0.06	60.56
												249.47	0.50	0.32	356.15
												1,007.58	2.05	1.28	1,439.97
												140.20	0.28	0.18	200.36
												27.34	0.06	0.03	39.03
												5,032.17	10.18	6.37	7,183.97
												627.45	1.27	0.80	896.72
												5.22	0.01	0.01	7.10
71.08					-	-		-	-	-	-	-	-	-	-
391.01					-	-		-	-	-	-	-	-	-	-
-	-	-	-		-	-		-	-	-	-	-	-	-	-
17.00	6.30	538.78	0.03		2.91	2.91		2.91	2.91	-	868.12	868.12	0.89	-	890.27
73.38					-	-		-	-	-	-	-	-	-	-
497.41					-	-		-	-	-	-	-	-	-	-
-	-	-	-		-	-		-	-	-	-	-	-	-	-
18.80	7.20	624.97	0.03		3.47	3.47		3.47	3.47	-	1,022.01	1,022.01	0.98	-	1,046.51
75.65					-	-		-	-	-	-	-	-	-	-
514.14					-	-		-	-	-	-	-	-	-	-
-	-	-	-		-	-		-	-	-	-	-	-	-	-
19.14	7.37	639.14	0.03		3.56	3.56		3.56	3.56	-	1,047.88	1,047.88	1.00	-	1,072.86

Emissions per Land Use Unit															
Tons/year										MT/year					
ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
77.51					-	-		-	-	-	-	-	-	-	-
527.57					-	-		-	-	-	-	-	-	-	-
-	-	-	-		-	-		-	-	-	-	-	-	-	-
19.54	7.53	652.28	0.03		3.63	3.63		3.63	3.63	-	1,070.36	1,070.36	1.02	-	1,095.87
												1,207.97	0.04	0.01	1,212.12
												9,645.06	0.35	0.08	9,678.17
												7,090.26	0.25	0.06	7,114.60
												2,456.12	0.09	0.02	2,464.55
												3,533.03	0.13	0.03	3,545.16
												5,888.08	0.21	0.05	5,908.29
												17,572.72	0.63	0.15	17,633.04
												4,056.12	0.15	0.03	4,070.04
												6,321.22	0.23	0.05	6,342.92
												1,101.87	0.04	0.01	1,105.65
												8,735.16	0.31	0.07	8,765.14
												2,245.10	0.08	0.02	2,252.81
												14,761.53	0.53	0.13	14,812.21
												726.01	0.03	0.01	728.50
												19,151.34	0.69	0.16	19,217.08
												962.55	0.03	0.01	965.85
												63,484.14	2.27	0.54	63,702.06
												52,336.57	1.87	0.45	52,516.22
												1,610.38	0.06	0.01	1,615.04
												344.35	0.01	0.00	345.34
												7,295.67	0.27	0.05	7,316.78
												4,178.14	0.15	0.03	4,190.23
												1,239.63	0.05	0.01	1,243.21
												2,471.57	0.09	0.02	2,478.72
												3,712.19	0.14	0.02	3,722.94
												11,034.66	0.40	0.07	11,066.59
												2,512.30	0.09	0.02	2,519.57
												3,323.79	0.12	0.02	3,333.41
												507.62	0.02	0.00	509.09
												4,478.80	0.16	0.03	4,491.76
												1,207.23	0.04	0.01	1,210.72
												7,173.65	0.26	0.05	7,194.40
												422.02	0.02	0.00	423.24
												42.03	0.00	0.00	42.15
												9,017.56	0.33	0.06	9,043.65
												498.72	0.02	0.00	500.16
												40,755.45	1.49	0.27	40,873.38
												13,369.34	0.49	0.09	13,408.02
												893.49	0.03	0.01	895.89
												244.84	0.01	0.00	245.49
												4,351.53	0.16	0.03	4,363.20
												2,319.73	0.08	0.01	2,325.95

Emissions per Land Use Unit															
Tons/year										MT/year					
ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
												687.89	0.02	0.00	689.74
												1,558.81	0.06	0.01	1,562.99
												2,288.88	0.08	0.01	2,295.02
												6,747.28	0.24	0.04	6,765.38
												1,536.57	0.06	0.01	1,540.69
												1,890.01	0.07	0.01	1,895.08
												281.64	0.01	0.00	282.39
												2,548.57	0.09	0.02	2,555.41
												717.98	0.03	0.00	719.91
												4,002.50	0.14	0.02	4,013.24
												234.14	0.01	0.00	234.77
												33.40	0.00	0.00	33.49
												5,019.98	0.18	0.03	5,033.45
												276.70	0.01	0.00	277.44
												22,783.87	0.82	0.14	22,844.99
												7,719.06	0.28	0.05	7,739.77
												904.23	0.03	0.01	906.65
												359.84	0.01	0.00	360.81
												4,513.88	0.16	0.03	4,525.99
												2,319.36	0.08	0.01	2,325.58
												687.89	0.02	0.00	689.74
												1,925.12	0.07	0.01	1,930.28
												2,373.63	0.09	0.01	2,379.99
												6,746.75	0.24	0.04	6,764.84
												1,531.48	0.06	0.01	1,535.59
												1,890.01	0.07	0.01	1,895.08
												281.64	0.01	0.00	282.39
												2,556.87	0.09	0.02	2,563.72
												751.20	0.03	0.00	753.21
												4,028.08	0.14	0.02	4,038.89
												234.14	0.01	0.00	234.77
												36.95	0.00	0.00	37.05
												5,307.65	0.19	0.03	5,321.89
												276.70	0.01	0.00	277.44
												22,989.50	0.83	0.14	23,051.18
												8,186.50	0.29	0.05	8,208.46
0.07	0.60	0.26	0.00		0.05	0.05		0.05	0.05	-	694.01	694.01	0.01	0.01	698.14
0.56	4.78	2.04	0.03		0.39	0.39		0.39	0.39	-	5,541.36	5,541.36	0.11	0.10	5,574.29
0.74	6.36	2.71	0.04		0.51	0.51		0.51	0.51	-	7,366.87	7,366.87	0.14	0.14	7,410.65
0.26	2.20	0.94	0.01		0.18	0.18		0.18	0.18	-	2,551.94	2,551.94	0.05	0.05	2,567.10
0.16	1.48	1.24	0.01		0.11	0.11		0.11	0.11	-	1,608.84	1,608.84	0.03	0.03	1,618.40
0.27	2.46	2.07	0.01		0.19	0.19		0.19	0.19	-	2,681.25	2,681.25	0.05	0.05	2,697.19
0.61	5.54	4.66	0.03		0.42	0.42		0.42	0.42	-	6,035.46	6,035.46	0.12	0.11	6,071.33
0.14	1.28	1.07	0.01		0.10	0.10		0.10	0.10	-	1,393.10	1,393.10	0.03	0.03	1,401.38
0.67	6.09	5.11	0.04		0.46	0.46		0.46	0.46	-	6,624.58	6,624.58	0.13	0.12	6,663.94
0.08	0.70	0.59	0.00		0.05	0.05		0.05	0.05	-	761.58	761.58	0.01	0.01	766.11

Emissions per Land Use Unit															
Tons/year										MT/year					
ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
0.30	2.76	2.32	0.02		0.21	0.21		0.21	0.21	-	3,000.15	3,000.15	0.06	0.06	3,017.97
0.08	0.71	0.59	0.00		0.05	0.05		0.05	0.05	-	768.61	768.61	0.01	0.01	773.18
0.51	4.66	3.91	0.03		0.35	0.35		0.35	0.35	-	5,069.94	5,069.94	0.10	0.09	5,100.07
0.02	0.19	0.08	0.00		0.02	0.02		0.02	0.02	-	221.97	221.97	0.00	0.00	223.29
0.40	3.62	3.04	0.02		0.28	0.28		0.28	0.28	-	3,938.91	3,938.91	0.08	0.07	3,962.32
0.10	0.86	0.37	0.01		0.07	0.07		0.07	0.07	-	1,000.10	1,000.10	0.02	0.02	1,006.04
5.89	50.35	21.42	0.32		4.07	4.07		4.07	4.07	-	58,308.32	58,308.32	1.12	1.07	58,654.82
1.09	9.89	8.31	0.06		0.75	0.75		0.75	0.75	-	10,764.20	10,764.20	0.21	0.20	10,828.17
0.16	1.40	0.60	0.01		0.11	0.11		0.11	0.11	-	1,622.14	1,622.14	0.03	0.03	1,631.78
0.04	0.33	0.14	0.00		0.03	0.03		0.03	0.03	-	386.55	386.55	0.01	0.01	388.85
0.77	6.61	2.81	0.04		0.53	0.53		0.53	0.53	-	7,651.33	7,651.33	0.15	0.14	7,696.80
0.74	6.29	2.68	0.04		0.51	0.51		0.51	0.51	-	7,286.70	7,286.70	0.14	0.13	7,330.00
0.26	2.18	0.93	0.01		0.18	0.18		0.18	0.18	-	2,523.31	2,523.31	0.05	0.05	2,538.30
0.21	1.94	1.63	0.01		0.15	0.15		0.15	0.15	-	2,112.48	2,112.48	0.04	0.04	2,125.03
0.33	2.99	2.51	0.02		0.23	0.23		0.23	0.23	-	3,258.75	3,258.75	0.06	0.06	3,278.11
0.74	6.73	5.65	0.04		0.51	0.51		0.51	0.51	-	7,328.29	7,328.29	0.14	0.13	7,371.84
0.17	1.54	1.29	0.01		0.12	0.12		0.12	0.12	-	1,674.64	1,674.64	0.03	0.03	1,684.59
0.71	6.41	5.39	0.04		0.49	0.49		0.49	0.49	-	6,982.05	6,982.05	0.13	0.13	7,023.54
0.08	0.70	0.59	0.00		0.05	0.05		0.05	0.05	-	761.58	761.58	0.01	0.01	766.11
0.32	2.88	2.42	0.02		0.22	0.22		0.22	0.22	-	3,136.48	3,136.48	0.06	0.06	3,155.12
0.09	0.78	0.65	0.00		0.06	0.06		0.06	0.06	-	848.07	848.07	0.02	0.02	853.11
0.52	4.69	3.94	0.03		0.36	0.36		0.36	0.36	-	5,101.62	5,101.62	0.10	0.09	5,131.94
0.02	0.21	0.09	0.00		0.02	0.02		0.02	0.02	-	238.58	238.58	0.00	0.00	240.00
0.00	0.01	0.01	0.00		0.00	0.00		0.00	0.00	-	13.02	13.02	0.00	0.00	13.10
0.40	3.64	3.06	0.02		0.28	0.28		0.28	0.28	-	3,961.00	3,961.00	0.08	0.07	3,984.54
0.10	0.85	0.36	0.01		0.07	0.07		0.07	0.07	-	988.79	988.79	0.02	0.02	994.66
5.80	49.59	21.10	0.32		4.01	4.01		4.01	4.01	-	57,424.98	57,424.98	1.10	1.05	57,766.23
0.58	5.27	4.42	0.03		0.40	0.40		0.40	0.40	-	5,734.35	5,734.35	0.11	0.11	5,768.43
0.16	1.40	0.60	0.01		0.11	0.11		0.11	0.11	-	1,622.18	1,622.18	0.03	0.03	1,631.82
0.05	0.43	0.18	0.00		0.03	0.03		0.03	0.03	-	495.38	495.38	0.01	0.01	498.33
0.84	7.14	3.04	0.05		0.58	0.58		0.58	0.58	-	8,271.17	8,271.17	0.16	0.15	8,320.32
0.74	6.30	2.68	0.04		0.51	0.51		0.51	0.51	-	7,292.23	7,292.23	0.14	0.13	7,335.56
0.26	2.18	0.93	0.01		0.18	0.18		0.18	0.18	-	2,523.81	2,523.81	0.05	0.05	2,538.81
0.24	2.23	1.87	0.01		0.17	0.17		0.17	0.17	-	2,423.88	2,423.88	0.05	0.04	2,438.28
0.37	3.36	2.82	0.02		0.26	0.26		0.26	0.26	-	3,655.15	3,655.15	0.07	0.07	3,676.87
0.83	7.53	6.32	0.05		0.57	0.57		0.57	0.57	-	8,193.88	8,193.88	0.16	0.15	8,242.57
0.19	1.72	1.45	0.01		0.13	0.13		0.13	0.13	-	1,874.67	1,874.67	0.04	0.03	1,885.81
0.73	6.60	5.54	0.04		0.50	0.50		0.50	0.50	-	7,182.59	7,182.59	0.14	0.13	7,225.27
0.08	0.70	0.59	0.00		0.05	0.05		0.05	0.05	-	761.58	761.58	0.01	0.01	766.10
0.33	2.97	2.50	0.02		0.23	0.23		0.23	0.23	-	3,234.71	3,234.71	0.06	0.06	3,253.94
0.09	0.84	0.71	0.01		0.06	0.06		0.06	0.06	-	919.79	919.79	0.02	0.02	925.25
0.52	4.72	3.97	0.03		0.36	0.36		0.36	0.36	-	5,139.76	5,139.76	0.10	0.09	5,170.30
0.02	0.21	0.09	0.00		0.02	0.02		0.02	0.02	-	238.58	238.58	0.00	0.00	240.00
0.00	0.02	0.01	0.00		0.00	0.00		0.00	0.00	-	18.65	18.65	0.00	0.00	18.76
0.40	3.65	3.07	0.02		0.28	0.28		0.28	0.28	-	3,977.46	3,977.46	0.08	0.07	4,001.10
0.10	0.85	0.36	0.01		0.07	0.07		0.07	0.07	-	988.79	988.79	0.02	0.02	994.66

Emissions per Land Use Unit															
Tons/year										MT/year					
ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
5.85	50.00	21.28	0.32		4.04	4.04		4.04	4.04	-	57,909.63	57,909.63	1.11	1.06	58,253.76
0.61	5.52	4.64	0.03		0.42	0.42		0.42	0.42	-	6,010.28	6,010.28	0.12	0.11	6,046.00
0.17	1.42	0.60	0.01		0.11	0.11		0.11	0.11	-	1,640.62	1,640.62	0.03	0.03	1,650.37
0.07	0.63	0.27	0.00		0.05	0.05		0.05	0.05	-	728.08	728.08	0.01	0.01	732.41
0.85	7.30	3.11	0.05		0.59	0.59		0.59	0.59	-	8,451.91	8,451.91	0.16	0.16	8,502.14
0.74	6.30	2.68	0.04		0.51	0.51		0.51	0.51	-	7,290.25	7,290.25	0.14	0.13	7,333.58
0.26	2.18	0.93	0.01		0.18	0.18		0.18	0.18	-	2,523.51	2,523.51	0.05	0.05	2,538.50
0.28	2.53	2.12	0.02		0.19	0.19		0.19	0.19	-	2,752.65	2,752.65	0.05	0.05	2,769.01
0.37	3.33	2.80	0.02		0.25	0.25		0.25	0.25	-	3,622.68	3,622.68	0.07	0.07	3,644.21
0.80	7.26	6.10	0.04		0.55	0.55		0.55	0.55	-	7,901.53	7,901.53	0.15	0.14	7,948.48
0.18	1.65	1.39	0.01		0.13	0.13		0.13	0.13	-	1,799.89	1,799.89	0.03	0.03	1,810.58
0.72	6.55	5.51	0.04		0.50	0.50		0.50	0.50	-	7,135.36	7,135.36	0.14	0.13	7,177.76
0.08	0.70	0.59	0.00		0.05	0.05		0.05	0.05	-	761.58	761.58	0.01	0.01	766.10
0.32	2.94	2.47	0.02		0.22	0.22		0.22	0.22	-	3,201.84	3,201.84	0.06	0.06	3,220.87
0.09	0.85	0.71	0.01		0.06	0.06		0.06	0.06	-	923.86	923.86	0.02	0.02	929.35
0.52	4.73	3.97	0.03		0.36	0.36		0.36	0.36	-	5,146.21	5,146.21	0.10	0.09	5,176.79
0.02	0.21	0.09	0.00		0.02	0.02		0.02	0.02	-	238.58	238.58	0.00	0.00	240.00
0.00	0.02	0.02	0.00		0.00	0.00		0.00	0.00	-	20.63	20.63	0.00	0.00	20.75
0.42	3.79	3.19	0.02		0.29	0.29		0.29	0.29	-	4,128.04	4,128.04	0.08	0.08	4,152.57
0.10	0.85	0.36	0.01		0.07	0.07		0.07	0.07	-	988.79	988.79	0.02	0.02	994.66
5.89	50.30	21.40	0.32		4.07	4.07		4.07	4.07	-	58,254.71	58,254.71	1.12	1.07	58,600.88
0.62	5.66	4.75	0.03		0.43	0.43		0.43	0.43	-	6,157.54	6,157.54	0.12	0.11	6,194.13
												114.57	6.77	-	283.85
												914.80	54.06	-	2,266.39
												552.32	32.64	-	1,368.34
												191.33	11.31	-	474.00
												346.83	20.50	-	859.26
												578.02	34.16	-	1,432.02
												1,064.90	62.93	-	2,638.25
												245.80	14.53	-	608.96
												3,087.03	182.44	-	7,647.98
												38.30	2.26	-	94.89
												705.80	41.71	-	1,748.58
												329.65	19.48	-	816.69
												10,388.25	613.93	-	25,736.44
												49.77	2.94	-	123.30
												1,085.74	64.17	-	2,689.88
												74.98	4.43	-	185.76
												6,079.99	359.32	-	15,062.91
												1,483.55	87.68	-	3,675.44
												278.05	16.43	-	688.86
												59.13	3.49	-	146.48
												1,217.81	71.97	-	3,017.07
												552.60	32.66	-	1,369.05
												191.37	11.31	-	474.12
												528.61	31.24	-	1,309.60

Emissions per Land Use Unit															
Tons/year										MT/year					
ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
												786.64	46.49	-	1,948.87
												1,457.27	86.12	-	3,610.33
												331.15	19.57	-	820.41
												3,308.78	195.54	-	8,197.36
												38.30	2.26	-	94.89
												761.02	44.98	-	1,885.40
												387.60	22.91	-	960.26
												10,500.30	620.55	-	26,014.04
												49.77	2.94	-	123.30
												6.03	0.36	-	14.93
												1,096.37	64.79	-	2,716.21
												74.98	4.43	-	185.76
												6,761.79	399.61	-	16,752.05
												1,652.49	97.66	-	4,093.99
												278.06	16.43	-	688.88
												75.77	4.48	-	187.72
												1,316.46	77.80	-	3,261.47
												553.02	32.68	-	1,370.09
												191.41	11.31	-	474.21
												606.53	35.84	-	1,502.64
												882.33	52.14	-	2,185.94
												1,629.39	96.29	-	4,036.76
												370.70	21.91	-	918.40
												3,403.81	201.16	-	8,432.80
												38.30	2.26	-	94.89
												784.86	46.38	-	1,944.45
												420.37	24.84	-	1,041.45
												10,578.78	625.19	-	26,208.48
												49.77	2.94	-	123.30
												8.64	0.51	-	21.39
												1,100.93	65.06	-	2,727.50
												74.98	4.43	-	185.76
												6,818.86	402.98	-	16,893.45
												1,732.01	102.36	-	4,290.99
												281.55	16.64	-	697.52
												111.36	6.58	-	275.90
												1,369.19	80.92	-	3,392.11
												552.93	32.68	-	1,369.85
												191.41	11.31	-	474.21
												759.73	44.90	-	1,882.20
												918.20	54.26	-	2,274.79
												1,630.85	96.38	-	4,040.35
												369.12	21.81	-	914.48
												3,403.81	201.16	-	8,432.80
												38.30	2.26	-	94.89
												787.41	46.53	-	1,950.78

Emissions per Land Use Unit															
Tons/year										MT/year					
ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
												443.55	26.21	-	1,098.88
												10,656.12	629.76	-	26,400.10
												49.77	2.94	-	123.30
												9.55	0.56	-	23.67
												1,176.86	69.55	-	2,915.62
												74.98	4.43	-	185.76
												6,887.12	407.02	-	17,062.54
												1,856.14	109.69	-	4,598.51
												181.31	0.10	0.06	202.60
												1,447.68	0.82	0.50	1,617.66
												874.04	0.50	0.30	976.67
												302.78	0.17	0.10	338.33
												535.46	0.40	0.25	619.67
												892.39	0.67	0.41	1,032.73
												2,257.44	1.29	0.79	2,524.37
												582.41	0.33	0.20	651.27
												328.29	0.22	0.14	375.09
												15.60	0.01	0.01	17.91
												1,089.66	0.82	0.51	1,261.03
												105.02	0.03	0.02	112.04
												1,104.73	0.76	0.47	1,262.23
												78.76	0.04	0.03	88.01
												849.60	0.49	0.30	950.06
												118.66	0.07	0.04	132.59
												4,604.58	2.61	1.60	5,145.23
												1,160.89	0.66	0.41	1,298.16
												259.07	0.24	0.15	310.02
												55.09	0.05	0.03	65.92
												1,134.69	1.07	0.66	1,357.80
												514.89	0.48	0.30	616.13
												178.31	0.17	0.10	213.37
												502.19	0.60	0.38	629.28
												747.34	0.90	0.56	936.46
												1,820.58	1.72	1.06	2,180.78
												462.42	0.44	0.27	553.91
												213.08	0.24	0.15	262.69
												9.50	0.01	0.01	11.79
												723.00	0.87	0.54	905.97
												68.54	0.04	0.02	76.57
												676.19	0.75	0.47	833.63
												46.37	0.04	0.03	55.49
												7.53	0.01	0.00	9.02
												505.60	0.48	0.30	605.64
												69.86	0.07	0.04	83.60
												3,015.14	2.83	1.75	3,608.00
												762.06	0.72	0.45	912.84

Emissions per Land Use Unit															
Tons/year										MT/year					
ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
												174.30	0.24	0.15	224.98
												47.50	0.07	0.04	61.31
												825.23	1.14	0.71	1,065.15
												346.66	0.48	0.30	447.45
												119.99	0.17	0.10	154.87
												407.46	0.69	0.43	552.76
												592.75	1.00	0.63	804.11
												1,371.02	1.90	1.19	1,771.67
												348.65	0.48	0.30	450.53
												152.30	0.24	0.15	203.12
												6.65	0.01	0.01	8.93
												527.27	0.89	0.56	715.28
												46.42	0.04	0.03	55.04
												473.34	0.75	0.47	631.29
												31.20	0.04	0.03	40.27
												7.27	0.01	0.01	9.39
												341.94	0.47	0.30	441.87
												47.00	0.06	0.04	60.67
												2,045.61	2.82	1.76	2,640.34
												537.96	0.74	0.47	695.16
												176.49	0.24	0.15	227.80
												69.81	0.10	0.06	90.10
												858.28	1.18	0.74	1,107.81
												346.60	0.48	0.30	447.37
												119.99	0.17	0.10	154.87
												510.39	0.86	0.54	692.38
												616.84	1.04	0.65	836.79
												1,372.24	1.90	1.19	1,773.25
												347.16	0.48	0.30	448.61
												152.30	0.24	0.15	203.12
												6.65	0.01	0.01	8.93
												528.98	0.89	0.56	717.60
												48.97	0.04	0.03	58.07
												476.80	0.75	0.47	635.91
												31.20	0.04	0.03	40.27
												8.04	0.01	0.01	10.39
												365.53	0.51	0.32	472.35
												47.00	0.06	0.04	60.67
												2,066.08	2.85	1.78	2,666.75
												576.51	0.80	0.50	744.98
880.25					-	-		-	-	-	-	-	-	-	-
5,264.75					-	-		-	-	-	-	-	-	-	-
-	-	-	-		-	-		-	-	-	-	-	-	-	-
187.75	69.65	5,954.00	0.31		32.11	32.11		32.11	32.11	-	9,593.14	9,593.14	9.79	-	9,837.85
700.18					-	-		-	-	-	-	-	-	-	-
4,676.05					-	-		-	-	-	-	-	-	-	-

Emissions per Land Use Unit															
Tons/year										MT/year					
ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
-	-	-	-		-	-		-	-	-	-	-	-	-	-
197.18	75.54	6,559.02	0.35		36.39	36.39		36.39	36.39	-	10,725.43	10,725.43	10.28	-	10,982.52
757.25					-	-		-	-	-	-	-	-	-	-
5,050.98					-	-		-	-	-	-	-	-	-	-
-	-	-	-		-	-		-	-	-	-	-	-	-	-
216.65	83.49	7,237.31	0.38		40.27	40.27		40.27	40.27	-	11,865.04	11,865.04	11.31	-	12,147.74
757.25					-	-		-	-	-	-	-	-	-	-
5,050.98					-	-		-	-	-	-	-	-	-	-
-	-	-	-		-	-		-	-	-	-	-	-	-	-
216.53	83.45	7,230.94	0.38		40.27	40.27		40.27	40.27	-	11,865.04	11,865.04	11.31	-	12,147.71
												58,980.78	2.87	0.59	59,228.12
												222.49	0.01	0.00	223.42
												175,240.26	8.53	1.75	175,975.13
												-	-	-	-
												80,041.01	3.90	0.80	80,376.66
												20,593.38	1.00	0.21	20,679.73
												131,143.88	6.39	1.31	131,693.83
												203,648.00	9.92	2.03	204,502.00
												507,487.17	24.71	5.07	509,615.32
												93,267.26	4.54	0.93	93,658.38
												105,235.34	5.12	1.05	105,676.65
												17,776.99	0.87	0.18	17,851.53
												26,763.42	1.30	0.27	26,875.65
												37,627.96	1.83	0.38	37,785.75
												18,712.41	0.91	0.19	18,790.88
												23,499.45	1.14	0.23	23,598.00
												75,737.74	3.69	0.76	76,055.35
												17,176.41	0.84	0.17	17,248.44
												861,506.60	41.95	8.60	865,119.34
												296,522.58	14.44	2.96	297,766.05
												28,955.36	1.41	0.29	29,076.79
												58,300.12	2.82	0.12	58,405.46
												2,059.87	0.10	0.00	2,063.59
												151,270.99	7.30	0.30	151,544.31
												-	-	-	-
												57,039.02	2.75	0.11	57,142.08
												12,564.88	0.61	0.03	12,587.59
												76,538.42	3.70	0.15	76,676.71
												130,345.00	6.29	0.26	130,580.52
												322,025.39	15.55	0.65	322,607.24
												57,728.82	2.79	0.12	57,833.13
												70,193.23	3.39	0.14	70,320.06
												10,016.55	0.48	0.02	10,034.65
												22,036.08	1.06	0.04	22,075.90
												23,905.91	1.15	0.05	23,949.11
												12,235.86	0.59	0.02	12,257.96

Emissions per Land Use Unit															
Tons/year										MT/year					
ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
												16,528.82	0.80	0.03	16,558.69
												9,264.42	0.45	0.02	9,281.16
												43,960.10	2.12	0.09	44,039.53
												10,768.57	0.52	0.02	10,788.03
												631,041.81	30.47	1.27	632,182.00
												373,937.51	18.06	0.75	374,613.16
												18,892.10	0.91	0.04	18,926.23
												37,815.60	1.92	0.41	37,986.05
												2,259.33	0.11	0.02	2,269.51
												103,745.95	5.26	1.13	104,213.56
												-	-	-	-
												31,675.78	1.61	0.34	31,818.55
												6,977.68	0.35	0.08	7,009.13
												42,631.56	2.16	0.46	42,823.71
												76,886.98	3.90	0.84	77,233.53
												186,344.85	9.45	2.03	187,184.75
												32,868.20	1.67	0.36	33,016.34
												40,892.35	2.07	0.44	41,076.66
												5,562.51	0.28	0.06	5,587.58
												14,167.53	0.72	0.15	14,231.39
												14,377.51	0.73	0.16	14,442.31
												7,144.93	0.36	0.08	7,177.14
												9,178.98	0.47	0.10	9,220.35
												7,573.11	0.38	0.08	7,607.24
												25,199.70	1.28	0.27	25,313.28
												5,980.13	0.30	0.07	6,007.09
												362,485.46	18.39	3.94	364,119.27
												329,731.27	16.73	3.58	331,217.45
												11,107.53	0.56	0.12	11,157.59
												18,907.80	0.96	0.14	18,972.61
												1,129.66	0.06	0.01	1,133.54
												51,872.97	2.63	0.38	52,050.77
												-	-	-	-
												15,837.89	0.80	0.11	15,892.17
												3,488.84	0.18	0.03	3,500.80
												21,315.78	1.08	0.15	21,388.84
												38,443.49	1.95	0.28	38,575.26
												93,172.42	4.73	0.68	93,491.78
												16,434.10	0.83	0.12	16,490.43
												20,446.17	1.04	0.15	20,516.25
												2,781.26	0.14	0.02	2,790.79
												7,083.76	0.36	0.05	7,108.04
												7,188.76	0.36	0.05	7,213.40
												3,572.47	0.18	0.03	3,584.71
												4,589.49	0.23	0.03	4,605.22
												3,786.55	0.19	0.03	3,799.53

Emissions per Land Use Unit															
Tons/year										MT/year					
ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
												12,599.85	0.64	0.09	12,643.03
												2,990.07	0.15	0.02	3,000.32
												181,242.73	9.19	1.31	181,863.94
												164,865.64	8.36	1.19	165,430.72
												5,553.77	0.28	0.04	5,572.80
2.51	21.44	9.12	0.14		1.73	1.73		1.73	1.73	-	24,832.89	24,832.89	0.48	0.46	24,980.46
0.01	0.10	0.04	0.00		0.01	0.01		0.01	0.01	-	121.41	121.41	0.00	0.00	122.13
7.46	63.71	27.11	0.41		5.15	5.15		5.15	5.15	-	73,782.03	73,782.03	1.41	1.35	74,220.48
-	-	-	-		-	-		-	-	-	-	-	-	-	-
6.16	52.62	22.39	0.34		4.25	4.25		4.25	4.25	-	60,945.13	60,945.13	1.17	1.12	61,307.30
1.58	13.54	5.76	0.09		1.09	1.09		1.09	1.09	-	15,680.29	15,680.29	0.30	0.29	15,773.47
4.34	39.45	33.14	0.24		3.00	3.00		3.00	3.00	-	42,949.78	42,949.78	0.82	0.79	43,205.01
6.74	61.27	51.46	0.37		4.66	4.66		4.66	4.66	-	66,694.97	66,694.97	1.28	1.22	67,091.31
7.01	63.72	53.52	0.38		4.84	4.84		4.84	4.84	-	69,366.57	69,366.57	1.33	1.27	69,778.78
1.29	11.71	9.84	0.07		0.89	0.89		0.89	0.89	-	12,748.36	12,748.36	0.24	0.23	12,824.12
5.20	47.30	39.73	0.28		3.59	3.59		3.59	3.59	-	51,486.60	51,486.60	0.99	0.94	51,792.55
0.93	8.42	7.07	0.05		0.64	0.64		0.64	0.64	-	9,168.44	9,168.44	0.18	0.17	9,222.93
0.37	3.36	2.82	0.02		0.26	0.26		0.26	0.26	-	3,658.19	3,658.19	0.07	0.07	3,679.93
1.15	10.49	8.81	0.06		0.80	0.80		0.80	0.80	-	11,420.41	11,420.41	0.22	0.21	11,488.27
0.26	2.35	1.97	0.01		0.18	0.18		0.18	0.18	-	2,557.73	2,557.73	0.05	0.05	2,572.93
0.53	4.55	1.93	0.03		0.37	0.37		0.37	0.37	-	5,265.30	5,265.30	0.10	0.10	5,296.59
0.53	4.84	4.06	0.03		0.37	0.37		0.37	0.37	-	5,264.11	5,264.11	0.10	0.10	5,295.39
1.32	11.29	4.81	0.07		0.91	0.91		0.91	0.91	-	13,078.53	13,078.53	0.25	0.24	13,156.25
58.59	500.70	213.07	3.20		40.48	40.48		40.48	40.48	-	579,868.53	579,868.53	11.11	10.63	583,314.39
2.08	18.93	15.90	0.11		1.44	1.44		1.44	1.44	-	20,609.63	20,609.63	0.40	0.38	20,732.10
1.32	11.99	10.07	0.07		0.91	0.91		0.91	0.91	-	13,055.47	13,055.47	0.25	0.24	13,133.06
3.72	31.76	13.51	0.20		2.57	2.57		2.57	2.57	-	36,779.41	36,779.41	0.70	0.67	36,997.97
0.14	1.22	0.52	0.01		0.10	0.10		0.10	0.10	-	1,416.48	1,416.48	0.03	0.03	1,424.89
9.76	83.42	35.50	0.53		6.74	6.74		6.74	6.74	-	96,610.62	96,610.62	1.85	1.77	97,184.73
-	-	-	-		-	-		-	-	-	-	-	-	-	-
6.09	52.02	22.14	0.33		4.21	4.21		4.21	4.21	-	60,249.90	60,249.90	1.15	1.10	60,607.94
1.57	13.38	5.69	0.09		1.08	1.08		1.08	1.08	-	15,497.98	15,497.98	0.30	0.28	15,590.08
4.35	39.56	33.23	0.24		3.01	3.01		3.01	3.01	-	43,067.32	43,067.32	0.83	0.79	43,323.25
7.32	66.52	55.88	0.40		5.06	5.06		5.06	5.06	-	72,417.65	72,417.65	1.39	1.33	72,847.99
7.38	67.13	56.39	0.40		5.10	5.10		5.10	5.10	-	73,073.78	73,073.78	1.40	1.34	73,508.02
1.33	12.11	10.18	0.07		0.92	0.92		0.92	0.92	-	13,188.15	13,188.15	0.25	0.24	13,266.52
5.66	51.45	43.22	0.31		3.91	3.91		3.91	3.91	-	56,012.05	56,012.05	1.07	1.03	56,344.90
0.89	8.13	6.83	0.05		0.62	0.62		0.62	0.62	-	8,855.62	8,855.62	0.17	0.16	8,908.24
0.48	4.34	3.64	0.03		0.33	0.33		0.33	0.33	-	4,720.13	4,720.13	0.09	0.09	4,748.18
1.25	11.37	9.55	0.07		0.86	0.86		0.86	0.86	-	12,377.44	12,377.44	0.24	0.23	12,450.99
0.28	2.53	2.13	0.02		0.19	0.19		0.19	0.19	-	2,757.43	2,757.43	0.05	0.05	2,773.82
0.57	4.89	2.08	0.03		0.40	0.40		0.40	0.40	-	5,659.31	5,659.31	0.11	0.10	5,692.94
0.18	1.59	1.34	0.01		0.12	0.12		0.12	0.12	-	1,733.56	1,733.56	0.03	0.03	1,743.86
0.54	4.91	4.12	0.03		0.37	0.37		0.37	0.37	-	5,340.68	5,340.68	0.10	0.10	5,372.42
1.31	11.17	4.75	0.07		0.90	0.90		0.90	0.90	-	12,930.59	12,930.59	0.25	0.24	13,007.43
54.86	468.78	199.48	2.99		37.90	37.90		37.90	37.90	-	542,894.91	542,894.91	10.41	9.95	546,121.06

Emissions per Land Use Unit															
Tons/year										MT/year					
ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
4.50	40.89	34.34	0.25		3.11	3.11		3.11	3.11	-	44,510.28	44,510.28	0.85	0.82	44,774.78
1.45	13.16	11.05	0.08		1.00	1.00		1.00	1.00	-	14,325.91	14,325.91	0.27	0.26	14,411.04
4.29	36.64	15.59	0.23		2.96	2.96		2.96	2.96	-	42,432.57	42,432.57	0.81	0.78	42,684.73
0.28	2.40	1.02	0.02		0.19	0.19		0.19	0.19	-	2,782.03	2,782.03	0.05	0.05	2,798.56
11.84	101.14	43.04	0.65		8.18	8.18		8.18	8.18	-	117,125.74	117,125.74	2.24	2.15	117,821.76
-	-	-	-		-	-		-	-	-	-	-	-	-	-
6.09	52.02	22.14	0.33		4.21	4.21		4.21	4.21	-	60,250.20	60,250.20	1.15	1.10	60,608.23
1.57	13.38	5.69	0.09		1.08	1.08		1.08	1.08	-	15,497.98	15,497.98	0.30	0.28	15,590.08
4.36	39.67	33.33	0.24		3.02	3.02		3.02	3.02	-	43,189.36	43,189.36	0.83	0.79	43,446.01
7.71	70.11	58.90	0.42		5.33	5.33		5.33	5.33	-	76,327.56	76,327.56	1.46	1.40	76,781.14
7.62	69.27	58.19	0.42		5.26	5.26		5.26	5.26	-	75,409.06	75,409.06	1.45	1.38	75,857.18
1.36	12.34	10.36	0.07		0.94	0.94		0.94	0.94	-	13,430.58	13,430.58	0.26	0.25	13,510.39
5.89	53.58	45.01	0.32		4.07	4.07		4.07	4.07	-	58,333.41	58,333.41	1.12	1.07	58,680.06
0.89	8.13	6.83	0.05		0.62	0.62		0.62	0.62	-	8,855.62	8,855.62	0.17	0.16	8,908.24
0.54	4.88	4.10	0.03		0.37	0.37		0.37	0.37	-	5,316.78	5,316.78	0.10	0.10	5,348.38
1.33	12.07	10.14	0.07		0.92	0.92		0.92	0.92	-	13,134.80	13,134.80	0.25	0.24	13,212.86
0.29	2.63	2.21	0.02		0.20	0.20		0.20	0.20	-	2,864.83	2,864.83	0.05	0.05	2,881.85
0.57	4.89	2.08	0.03		0.40	0.40		0.40	0.40	-	5,659.31	5,659.31	0.11	0.10	5,692.94
0.26	2.34	1.97	0.01		0.18	0.18		0.18	0.18	-	2,551.77	2,551.77	0.05	0.05	2,566.94
0.55	5.02	4.22	0.03		0.38	0.38		0.38	0.38	-	5,466.07	5,466.07	0.10	0.10	5,498.55
1.31	11.17	4.75	0.07		0.90	0.90		0.90	0.90	-	12,930.59	12,930.59	0.25	0.24	13,007.43
56.48	482.61	205.36	3.08		39.02	39.02		39.02	39.02	-	558,909.71	558,909.71	10.71	10.25	562,231.03
7.05	64.08	53.83	0.38		4.87	4.87		4.87	4.87	-	69,756.36	69,756.36	1.34	1.28	70,170.89
1.51	13.75	11.55	0.08		1.05	1.05		1.05	1.05	-	14,968.16	14,968.16	0.29	0.27	15,057.11
4.29	36.64	15.59	0.23		2.96	2.96		2.96	2.96	-	42,432.57	42,432.57	0.81	0.78	42,684.73
0.28	2.40	1.02	0.02		0.19	0.19		0.19	0.19	-	2,782.03	2,782.03	0.05	0.05	2,798.56
11.84	101.14	43.04	0.65		8.18	8.18		8.18	8.18	-	117,125.74	117,125.74	2.24	2.15	117,821.76
-	-	-	-		-	-		-	-	-	-	-	-	-	-
6.09	52.02	22.14	0.33		4.21	4.21		4.21	4.21	-	60,250.20	60,250.20	1.15	1.10	60,608.23
1.57	13.38	5.69	0.09		1.08	1.08		1.08	1.08	-	15,497.98	15,497.98	0.30	0.28	15,590.08
4.36	39.67	33.33	0.24		3.02	3.02		3.02	3.02	-	43,189.36	43,189.36	0.83	0.79	43,446.01
7.71	70.11	58.90	0.42		5.33	5.33		5.33	5.33	-	76,327.56	76,327.56	1.46	1.40	76,781.14
7.62	69.27	58.19	0.42		5.26	5.26		5.26	5.26	-	75,409.06	75,409.06	1.45	1.38	75,857.18
1.36	12.34	10.36	0.07		0.94	0.94		0.94	0.94	-	13,430.58	13,430.58	0.26	0.25	13,510.39
5.89	53.58	45.01	0.32		4.07	4.07		4.07	4.07	-	58,333.41	58,333.41	1.12	1.07	58,680.06
0.89	8.13	6.83	0.05		0.62	0.62		0.62	0.62	-	8,855.62	8,855.62	0.17	0.16	8,908.24
0.54	4.88	4.10	0.03		0.37	0.37		0.37	0.37	-	5,316.78	5,316.78	0.10	0.10	5,348.38
1.33	12.07	10.14	0.07		0.92	0.92		0.92	0.92	-	13,134.80	13,134.80	0.25	0.24	13,212.86
0.29	2.63	2.21	0.02		0.20	0.20		0.20	0.20	-	2,864.83	2,864.83	0.05	0.05	2,881.85
0.57	4.89	2.08	0.03		0.40	0.40		0.40	0.40	-	5,659.31	5,659.31	0.11	0.10	5,692.94
0.26	2.34	1.97	0.01		0.18	0.18		0.18	0.18	-	2,551.77	2,551.77	0.05	0.05	2,566.94
0.55	5.02	4.22	0.03		0.38	0.38		0.38	0.38	-	5,466.07	5,466.07	0.10	0.10	5,498.55
1.31	11.17	4.75	0.07		0.90	0.90		0.90	0.90	-	12,930.59	12,930.59	0.25	0.24	13,007.43
56.48	482.61	205.36	3.08		39.02	39.02		39.02	39.02	-	558,909.71	558,909.71	10.71	10.25	562,231.03
7.05	64.08	53.83	0.38		4.87	4.87		4.87	4.87	-	69,756.36	69,756.36	1.34	1.28	70,170.89
1.51	13.75	11.55	0.08		1.05	1.05		1.05	1.05	-	14,968.16	14,968.16	0.29	0.27	15,057.11

Emissions per Land Use Unit															
Tons/year										MT/year					
ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
												4,099.57	242.28	-	10,156.52
												14.75	0.87	-	36.55
												12,180.41	719.84	-	30,176.45
												103.69	6.13	-	256.89
												4,569.25	270.04	-	11,320.13
												1,175.60	69.48	-	2,912.50
												5,245.66	310.01	-	12,995.91
												8,145.78	481.40	-	20,180.81
												15,501.80	916.13	-	38,405.06
												2,848.96	168.37	-	7,058.18
												28,719.38	1,697.27	-	71,151.05
												318.18	18.80	-	788.29
												1,090.03	64.42	-	2,700.50
												3,130.53	185.01	-	7,755.76
												6,637.85	392.29	-	16,445.00
												1,180.55	69.77	-	2,924.76
												3,259.75	192.65	-	8,075.89
												980.54	57.95	-	2,429.25
												60,464.58	3,573.35	-	149,798.43
												12,762.32	754.23	-	31,618.11
												1,778.56	105.11	-	4,406.30
												5,928.46	350.36	-	14,687.51
												212.60	12.56	-	526.70
												15,219.24	899.43	-	37,705.01
												103.69	6.13	-	256.89
												4,568.72	270.00	-	11,318.81
												1,174.67	69.42	-	2,910.19
												5,265.47	311.18	-	13,044.98
												9,084.65	536.89	-	22,506.83
												16,907.02	999.18	-	41,886.42
												3,013.88	178.12	-	7,466.76
												32,428.10	1,916.45	-	80,339.24
												302.57	17.88	-	749.60
												1,625.12	96.04	-	4,026.16
												3,564.79	210.67	-	8,831.61
												7,512.03	443.95	-	18,610.75
												1,180.55	69.77	-	2,924.76
												534.67	31.60	-	1,324.63
												3,333.01	196.98	-	8,257.38
												980.54	57.95	-	2,429.25
												62,988.94	3,722.54	-	156,052.43
												14,383.38	850.03	-	35,634.22
												2,075.57	122.66	-	5,142.15
												6,997.41	413.54	-	17,335.78
												421.47	24.91	-	1,044.16
												19,098.44	1,128.69	-	47,315.58

Emissions per Land Use Unit															
Tons/year										MT/year					
ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
												103.69	6.13	-	256.89
												4,568.75	270.01	-	11,318.88
												1,174.67	69.42	-	2,910.19
												5,284.50	312.31	-	13,092.13
												9,722.53	574.59	-	24,087.15
												17,784.64	1,051.04	-	44,060.70
												3,107.42	183.64	-	7,698.50
												34,328.39	2,028.75	-	85,047.12
												302.57	17.88	-	749.60
												1,924.67	113.74	-	4,768.29
												3,910.45	231.10	-	9,687.99
												7,984.63	471.88	-	19,781.58
												1,180.55	69.77	-	2,924.76
												787.03	46.51	-	1,949.83
												3,459.91	204.47	-	8,571.78
												980.54	57.95	-	2,429.25
												65,407.20	3,865.45	-	162,043.56
												15,350.64	907.20	-	38,030.55
												2,226.23	131.57	-	5,515.38
												6,997.41	413.54	-	17,335.78
												421.47	24.91	-	1,044.16
												19,098.44	1,128.69	-	47,315.58
												103.69	6.13	-	256.89
												4,568.75	270.01	-	11,318.88
												1,174.67	69.42	-	2,910.19
												5,284.50	312.31	-	13,092.13
												9,722.53	574.59	-	24,087.15
												17,784.64	1,051.04	-	44,060.70
												3,107.42	183.64	-	7,698.50
												34,328.39	2,028.75	-	85,047.12
												302.57	17.88	-	749.60
												1,924.67	113.74	-	4,768.29
												3,910.45	231.10	-	9,687.99
												7,984.63	471.88	-	19,781.58
												1,180.55	69.77	-	2,924.76
												787.03	46.51	-	1,949.83
												3,459.91	204.47	-	8,571.78
												980.54	57.95	-	2,429.25
												65,407.20	3,865.45	-	162,043.56
												15,350.64	907.20	-	38,030.55
												2,226.23	131.57	-	5,515.38
												8,483.76	3.85	2.28	9,258.04
												30.53	0.01	0.01	33.32
												25,206.44	11.43	6.76	27,506.95
												8,999.66	0.44	0.09	9,037.40
												9,455.73	4.29	2.54	10,318.72

Emissions per Land Use Unit															
Tons/year										MT/year					
ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
												2,432.82	1.10	0.65	2,654.85
												10,429.52	6.29	3.80	11,717.80
												16,195.58	9.77	5.89	18,196.10
												42,959.42	19.61	11.61	46,908.51
												8,824.75	4.03	2.38	9,635.97
												3,955.55	2.17	1.30	4,396.64
												167.43	0.10	0.06	186.89
												2,167.21	1.31	0.79	2,434.91
												1,329.33	0.36	0.20	1,398.08
												914.24	0.50	0.30	1,016.19
												2,443.06	1.11	0.66	2,666.03
												3,334.58	1.52	0.90	3,641.12
												2,029.15	0.92	0.54	2,214.35
												59,881.76	27.16	16.06	65,346.96
												13,055.30	5.96	3.53	14,255.42
												373.97	0.13	0.07	398.80
												8,167.75	5.36	3.20	9,254.25
												292.90	0.19	0.11	331.86
												20,967.82	13.76	8.21	23,757.04
												5,584.06	0.27	0.01	5,594.15
												6,294.41	4.13	2.46	7,131.72
												1,618.36	1.06	0.63	1,833.64
												7,145.25	6.15	3.73	8,411.49
												12,327.88	10.62	6.44	14,512.56
												31,208.84	20.62	12.30	35,389.26
												6,218.37	4.11	2.45	7,051.32
												3,020.49	2.37	1.43	3,506.83
												108.06	0.09	0.05	126.15
												2,205.29	1.90	1.15	2,596.10
												976.63	0.38	0.22	1,050.57
												699.70	0.55	0.33	812.37
												1,626.47	1.07	0.64	1,842.83
												986.96	0.65	0.39	1,119.16
												2,271.05	1.50	0.90	2,575.26
												1,350.91	0.89	0.53	1,530.61
												41,530.66	27.26	16.25	47,055.24
												9,800.60	6.48	3.86	11,113.39
												284.90	0.14	0.08	312.64
												6,121.79	6.17	3.80	7,409.71
												368.73	0.37	0.23	446.30
												16,708.57	16.84	10.38	20,223.77
												3,101.01	0.16	0.03	3,114.98
												3,997.04	4.03	2.48	4,837.95
												1,027.68	1.04	0.64	1,243.88
												4,746.13	6.07	3.77	6,020.75
												8,732.03	11.16	6.93	11,077.09

Emissions per Land Use Unit															
Tons/year										MT/year					
ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
												20,865.13	21.15	13.05	25,281.28
												4,074.89	4.13	2.55	4,937.35
												2,084.79	2.46	1.53	2,601.37
												70.87	0.09	0.05	89.02
												1,728.59	2.21	1.37	2,192.82
												643.02	0.40	0.24	724.80
												484.91	0.57	0.36	605.07
												1,032.82	1.04	0.64	1,250.11
												923.35	0.94	0.58	1,118.78
												1,498.38	1.52	0.94	1,815.51
												857.84	0.86	0.53	1,038.32
												27,384.89	27.59	17.02	33,146.21
												6,647.88	6.74	4.16	8,054.92
												187.43	0.14	0.09	217.37
												3,924.62	6.06	3.77	5,200.26
												236.39	0.36	0.23	313.22
												10,711.69	16.53	10.30	14,193.39
												1,550.50	0.08	0.01	1,555.82
												2,562.46	3.95	2.46	3,395.36
												658.83	1.02	0.63	872.98
												3,231.92	5.99	3.75	4,498.07
												5,946.14	11.02	6.89	8,275.64
												13,394.56	20.77	12.94	17,768.98
												2,615.91	4.06	2.53	3,470.22
												1,389.98	2.43	1.52	1,902.68
												47.65	0.09	0.05	65.67
												1,177.10	2.18	1.36	1,638.24
												375.57	0.39	0.24	455.85
												323.30	0.56	0.35	442.56
												662.13	1.02	0.64	877.35
												592.75	0.92	0.57	786.34
												961.90	1.49	0.93	1,276.04
												549.95	0.85	0.53	728.71
												17,556.17	27.10	16.88	23,262.58
												4,267.67	6.62	4.12	5,661.41
												113.65	0.14	0.09	143.18
71.48					-	-		-	-	-	-	-	-	-	-
432.56					-	-		-	-	-	-	-	-	-	-
-	-	-	-		-	-		-	-	-	-	-	-	-	-
18.27	6.77	579.10	0.03		3.12	3.12		3.12	3.12	-	933.10	933.10	0.95	-	956.91
71.56					-	-		-	-	-	-	-	-	-	-
485.27					-	-		-	-	-	-	-	-	-	-
-	-	-	-		-	-		-	-	-	-	-	-	-	-
19.69	7.54	654.79	0.03		3.63	3.63		3.63	3.63	-	1,070.77	1,070.77	1.03	-	1,096.45
73.84					-	-		-	-	-	-	-	-	-	-
501.04					-	-		-	-	-	-	-	-	-	-

Emissions per Land Use Unit															
Tons/year										MT/year					
ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
-	-	-	-		-	-		-	-	-	-	-	-	-	-
20.18	7.77	673.77	0.04		3.75	3.75		3.75	3.75	-	1,104.66	1,104.66	1.05	-	1,130.99
75.24					-	-		-	-	-	-	-	-	-	-
511.01					-	-		-	-	-	-	-	-	-	-
-	-	-	-		-	-		-	-	-	-	-	-	-	-
20.52	7.90	684.97	0.04		3.81	3.81		3.81	3.81	-	1,124.01	1,124.01	1.07	-	1,150.80
												3,197.30	0.17	0.02	3,207.71
												86.61	0.00	0.00	86.89
												7,878.80	0.41	0.05	7,904.45
												-	-	-	-
												2,164.55	0.11	0.01	2,171.60
												594.25	0.03	0.00	596.19
												4,886.34	0.26	0.03	4,902.25
												3,162.48	0.17	0.02	3,172.78
												5,277.52	0.28	0.03	5,294.70
												4,754.04	0.25	0.03	4,769.51
												1,827.03	0.10	0.01	1,832.98
												183.20	0.01	0.00	183.80
												460.36	0.02	0.00	461.86
												1,365.38	0.07	0.01	1,369.83
												1,436.40	0.08	0.01	1,441.08
												1,032.43	0.05	0.01	1,035.79
												3,554.79	0.19	0.02	3,566.36
												569.26	0.03	0.00	571.11
												28,473.05	1.49	0.19	28,565.73
												25,293.22	1.32	0.17	25,375.55
												14,517.07	0.76	0.09	14,564.32
												4,331.95	0.23	0.03	4,347.97
												238.44	0.01	0.00	239.33
												8,426.19	0.44	0.07	8,457.36
												-	-	-	-
												2,022.43	0.11	0.02	2,029.91
												474.48	0.02	0.00	476.23
												3,967.42	0.21	0.03	3,982.09
												3,339.46	0.17	0.03	3,351.81
												4,353.26	0.23	0.04	4,369.36
												3,889.25	0.20	0.03	3,903.64
												1,486.69	0.08	0.01	1,492.18
												133.94	0.01	0.00	134.43
												494.07	0.03	0.00	495.90
												1,127.18	0.06	0.01	1,131.35
												1,126.81	0.06	0.01	1,130.98
												952.36	0.05	0.01	955.88
												45.23	0.00	0.00	45.39
												2,647.01	0.14	0.02	2,656.80
												468.05	0.02	0.00	469.78

Emissions per Land Use Unit															
Tons/year										MT/year					
ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
												28,057.44	1.46	0.23	28,161.22
												19,663.38	1.03	0.16	19,736.11
												11,849.56	0.62	0.10	11,893.39
												2,965.50	0.16	0.02	2,974.84
												205.71	0.01	0.00	206.36
												5,877.54	0.32	0.04	5,896.06
												-	-	-	-
												1,348.50	0.07	0.01	1,352.75
												316.32	0.02	0.00	317.32
												2,762.91	0.15	0.02	2,771.62
												2,598.76	0.14	0.02	2,606.95
												3,060.58	0.17	0.02	3,070.22
												2,704.71	0.15	0.02	2,713.23
												1,011.42	0.05	0.01	1,014.60
												89.29	0.00	0.00	89.57
												385.83	0.02	0.00	387.04
												785.49	0.04	0.00	787.97
												762.60	0.04	0.00	765.01
												634.90	0.03	0.00	636.90
												38.34	0.00	0.00	38.46
												1,769.80	0.10	0.01	1,775.37
												312.03	0.02	0.00	313.01
												19,097.47	1.04	0.12	19,157.64
												13,457.49	0.73	0.08	13,499.88
												7,899.71	0.43	0.05	7,924.60
												1,482.75	0.07	0.02	1,489.86
												104.42	0.01	0.00	104.92
												3,066.61	0.15	0.04	3,081.32
												-	-	-	-
												680.92	0.03	0.01	684.19
												158.16	0.01	0.00	158.92
												1,469.42	0.07	0.02	1,476.47
												1,301.53	0.06	0.02	1,307.77
												1,659.15	0.08	0.02	1,667.11
												1,358.44	0.07	0.02	1,364.95
												505.71	0.02	0.01	508.13
												44.65	0.00	0.00	44.86
												244.09	0.01	0.00	245.26
												398.62	0.02	0.00	400.53
												381.30	0.02	0.00	383.13
												317.45	0.02	0.00	318.97
												29.24	0.00	0.00	29.38
												895.07	0.04	0.01	899.36
												156.02	0.01	0.00	156.76
												9,608.54	0.46	0.12	9,654.62
												6,856.71	0.33	0.08	6,889.59

Emissions per Land Use Unit															
Tons/year										MT/year					
ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
												4,019.46	0.19	0.05	4,038.74
0.36	3.04	1.29	0.02		0.25	0.25		0.25	0.25	-	3,523.80	3,523.80	0.07	0.06	3,544.74
0.01	0.11	0.05	0.00		0.01	0.01		0.01	0.01	-	123.71	123.71	0.00	0.00	124.45
0.88	7.50	3.19	0.05		0.61	0.61		0.61	0.61	-	8,683.37	8,683.37	0.17	0.16	8,734.97
-	-	-	-		-	-		-	-	-	-	-	-	-	-
0.44	3.73	1.59	0.02		0.30	0.30		0.30	0.30	-	4,314.26	4,314.26	0.08	0.08	4,339.90
0.12	1.02	0.44	0.01		0.08	0.08		0.08	0.08	-	1,184.43	1,184.43	0.02	0.02	1,191.47
0.43	3.92	3.29	0.02		0.30	0.30		0.30	0.30	-	4,268.40	4,268.40	0.08	0.08	4,293.76
0.28	2.54	2.13	0.02		0.19	0.19		0.19	0.19	-	2,762.54	2,762.54	0.05	0.05	2,778.96
0.35	3.19	2.68	0.02		0.24	0.24		0.24	0.24	-	3,477.11	3,477.11	0.07	0.06	3,497.77
0.32	2.88	2.42	0.02		0.22	0.22		0.22	0.22	-	3,132.21	3,132.21	0.06	0.06	3,150.82
0.37	3.37	2.83	0.02		0.26	0.26		0.26	0.26	-	3,672.99	3,672.99	0.07	0.07	3,694.81
0.02	0.22	0.19	0.00		0.02	0.02		0.02	0.02	-	242.91	242.91	0.00	0.00	244.35
0.03	0.28	0.23	0.00		0.02	0.02		0.02	0.02	-	303.31	303.31	0.01	0.01	305.11
0.09	0.82	0.69	0.00		0.06	0.06		0.06	0.06	-	896.69	896.69	0.02	0.02	902.01
0.10	0.87	0.73	0.01		0.07	0.07		0.07	0.07	-	946.38	946.38	0.02	0.02	952.00
0.06	0.52	0.22	0.00		0.04	0.04		0.04	0.04	-	605.53	605.53	0.01	0.01	609.13
0.14	1.29	1.08	0.01		0.10	0.10		0.10	0.10	-	1,402.51	1,402.51	0.03	0.03	1,410.85
0.11	0.98	0.42	0.01		0.08	0.08		0.08	0.08	-	1,134.61	1,134.61	0.02	0.02	1,141.35
5.07	43.32	18.43	0.28		3.50	3.50		3.50	3.50	-	50,166.75	50,166.75	0.96	0.92	50,464.87
1.01	9.17	7.70	0.06		0.70	0.70		0.70	0.70	-	9,979.24	9,979.24	0.19	0.18	10,038.54
2.56	23.24	19.52	0.14		1.77	1.77		1.77	1.77	-	25,299.40	25,299.40	0.48	0.46	25,449.75
0.55	4.69	2.00	0.03		0.38	0.38		0.38	0.38	-	5,434.68	5,434.68	0.10	0.10	5,466.97
0.03	0.29	0.12	0.00		0.02	0.02		0.02	0.02	-	339.92	339.92	0.01	0.01	341.94
1.09	9.33	3.97	0.06		0.75	0.75		0.75	0.75	-	10,801.90	10,801.90	0.21	0.20	10,866.09
-	-	-	-		-	-		-	-	-	-	-	-	-	-
0.43	3.68	1.57	0.02		0.30	0.30		0.30	0.30	-	4,264.08	4,264.08	0.08	0.08	4,289.42
0.12	1.01	0.43	0.01		0.08	0.08		0.08	0.08	-	1,169.55	1,169.55	0.02	0.02	1,176.50
0.45	4.13	3.47	0.02		0.31	0.31		0.31	0.31	-	4,492.17	4,492.17	0.09	0.08	4,518.86
0.36	3.27	2.75	0.02		0.25	0.25		0.25	0.25	-	3,559.28	3,559.28	0.07	0.07	3,580.43
0.37	3.32	2.79	0.02		0.25	0.25		0.25	0.25	-	3,613.08	3,613.08	0.07	0.07	3,634.55
0.33	2.98	2.50	0.02		0.23	0.23		0.23	0.23	-	3,240.13	3,240.13	0.06	0.06	3,259.39
0.38	3.46	2.91	0.02		0.26	0.26		0.26	0.26	-	3,766.97	3,766.97	0.07	0.07	3,789.36
0.02	0.22	0.19	0.00		0.02	0.02		0.02	0.02	-	242.91	242.91	0.00	0.00	244.35
0.04	0.33	0.28	0.00		0.03	0.03		0.03	0.03	-	363.27	363.27	0.01	0.01	365.43
0.10	0.92	0.77	0.01		0.07	0.07		0.07	0.07	-	1,001.19	1,001.19	0.02	0.02	1,007.14
0.10	0.88	0.74	0.01		0.07	0.07		0.07	0.07	-	958.50	958.50	0.02	0.02	964.20
0.07	0.56	0.24	0.00		0.05	0.05		0.05	0.05	-	650.85	650.85	0.01	0.01	654.71
0.00	0.02	0.01	0.00		0.00	0.00		0.00	0.00	-	19.36	19.36	0.00	0.00	19.47
0.14	1.29	1.08	0.01		0.10	0.10		0.10	0.10	-	1,404.55	1,404.55	0.03	0.03	1,412.90
0.11	0.97	0.41	0.01		0.08	0.08		0.08	0.08	-	1,121.78	1,121.78	0.02	0.02	1,128.44
4.85	41.45	17.64	0.26		3.35	3.35		3.35	3.35	-	48,007.53	48,007.53	0.92	0.88	48,292.81
1.02	9.31	7.82	0.06		0.71	0.71		0.71	0.71	-	10,131.78	10,131.78	0.19	0.19	10,191.99
2.69	24.42	20.51	0.15		1.86	1.86		1.86	1.86	-	26,583.61	26,583.61	0.51	0.49	26,741.58
0.56	4.81	2.05	0.03		0.39	0.39		0.39	0.39	-	5,568.65	5,568.65	0.11	0.10	5,601.74
0.04	0.38	0.16	0.00		0.03	0.03		0.03	0.03	-	435.07	435.07	0.01	0.01	437.66

Emissions per Land Use Unit															
Tons/year										MT/year					
ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
1.14	9.72	4.13	0.06		0.79	0.79		0.79	0.79	-	11,251.27	11,251.27	0.22	0.21	11,318.13
-	-	-	-		-	-		-	-	-	-	-	-	-	-
0.43	3.68	1.57	0.02		0.30	0.30		0.30	0.30	-	4,264.69	4,264.69	0.08	0.08	4,290.03
0.12	1.01	0.43	0.01		0.08	0.08		0.08	0.08	-	1,169.55	1,169.55	0.02	0.02	1,176.50
0.47	4.26	3.58	0.03		0.32	0.32		0.32	0.32	-	4,641.56	4,641.56	0.09	0.09	4,669.14
0.41	3.70	3.11	0.02		0.28	0.28		0.28	0.28	-	4,031.58	4,031.58	0.08	0.07	4,055.54
0.38	3.41	2.86	0.02		0.26	0.26		0.26	0.26	-	3,711.32	3,711.32	0.07	0.07	3,733.38
0.33	3.04	2.55	0.02		0.23	0.23		0.23	0.23	-	3,310.16	3,310.16	0.06	0.06	3,329.83
0.39	3.51	2.95	0.02		0.27	0.27		0.27	0.27	-	3,821.96	3,821.96	0.07	0.07	3,844.67
0.02	0.22	0.19	0.00		0.02	0.02		0.02	0.02	-	242.91	242.91	0.00	0.00	244.35
0.04	0.37	0.31	0.00		0.03	0.03		0.03	0.03	-	398.92	398.92	0.01	0.01	401.29
0.11	0.97	0.81	0.01		0.07	0.07		0.07	0.07	-	1,051.53	1,051.53	0.02	0.02	1,057.78
0.10	0.89	0.75	0.01		0.07	0.07		0.07	0.07	-	965.55	965.55	0.02	0.02	971.29
0.07	0.56	0.24	0.00		0.05	0.05		0.05	0.05	-	650.85	650.85	0.01	0.01	654.71
0.00	0.02	0.02	0.00		0.00	0.00		0.00	0.00	-	24.61	24.61	0.00	0.00	24.76
0.14	1.29	1.08	0.01		0.10	0.10		0.10	0.10	-	1,405.82	1,405.82	0.03	0.03	1,414.17
0.11	0.97	0.41	0.01		0.08	0.08		0.08	0.08	-	1,121.78	1,121.78	0.02	0.02	1,128.44
4.94	42.20	17.96	0.27		3.41	3.41		3.41	3.41	-	48,875.02	48,875.02	0.94	0.90	49,165.46
1.03	9.39	7.88	0.06		0.71	0.71		0.71	0.71	-	10,217.73	10,217.73	0.20	0.19	10,278.44
2.69	24.42	20.51	0.15		1.86	1.86		1.86	1.86	-	26,583.61	26,583.61	0.51	0.49	26,741.58
0.56	4.81	2.05	0.03		0.39	0.39		0.39	0.39	-	5,568.65	5,568.65	0.11	0.10	5,601.74
0.04	0.38	0.16	0.00		0.03	0.03		0.03	0.03	-	441.45	441.45	0.01	0.01	444.07
1.18	10.10	4.30	0.06		0.82	0.82		0.82	0.82	-	11,693.09	11,693.09	0.22	0.21	11,762.58
-	-	-	-		-	-		-	-	-	-	-	-	-	-
0.43	3.72	1.58	0.02		0.30	0.30		0.30	0.30	-	4,302.75	4,302.75	0.08	0.08	4,328.32
0.12	1.01	0.43	0.01		0.08	0.08		0.08	0.08	-	1,169.55	1,169.55	0.02	0.02	1,176.50
0.49	4.47	3.75	0.03		0.34	0.34		0.34	0.34	-	4,864.52	4,864.52	0.09	0.09	4,893.43
0.41	3.71	3.12	0.02		0.28	0.28		0.28	0.28	-	4,038.25	4,038.25	0.08	0.07	4,062.25
0.39	3.56	2.99	0.02		0.27	0.27		0.27	0.27	-	3,873.33	3,873.33	0.07	0.07	3,896.35
0.34	3.05	2.56	0.02		0.23	0.23		0.23	0.23	-	3,317.99	3,317.99	0.06	0.06	3,337.71
0.39	3.51	2.95	0.02		0.27	0.27		0.27	0.27	-	3,821.96	3,821.96	0.07	0.07	3,844.67
0.02	0.22	0.19	0.00		0.02	0.02		0.02	0.02	-	242.91	242.91	0.00	0.00	244.35
0.05	0.43	0.36	0.00		0.03	0.03		0.03	0.03	-	463.37	463.37	0.01	0.01	466.12
0.11	0.98	0.82	0.01		0.07	0.07		0.07	0.07	-	1,068.10	1,068.10	0.02	0.02	1,074.44
0.10	0.89	0.75	0.01		0.07	0.07		0.07	0.07	-	965.55	965.55	0.02	0.02	971.29
0.07	0.56	0.24	0.00		0.05	0.05		0.05	0.05	-	650.85	650.85	0.01	0.01	654.71
0.00	0.03	0.03	0.00		0.00	0.00		0.00	0.00	-	37.54	37.54	0.00	0.00	37.76
0.14	1.30	1.09	0.01		0.10	0.10		0.10	0.10	-	1,410.43	1,410.43	0.03	0.03	1,418.81
0.11	0.97	0.41	0.01		0.08	0.08		0.08	0.08	-	1,121.78	1,121.78	0.02	0.02	1,128.44
4.97	42.43	18.06	0.27		3.43	3.43		3.43	3.43	-	49,139.41	49,139.41	0.94	0.90	49,431.42
1.04	9.44	7.93	0.06		0.72	0.72		0.72	0.72	-	10,276.08	10,276.08	0.20	0.19	10,337.14
2.71	24.65	20.71	0.15		1.87	1.87		1.87	1.87	-	26,837.85	26,837.85	0.51	0.49	26,997.33
												581.73	34.38	-	1,441.22
												15.03	0.89	-	37.24
												1,433.51	84.72	-	3,551.45
												39.68	2.35	-	98.31

Emissions per Land Use Unit															
Tons/year										MT/year					
ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
												323.45	19.12	-	801.34
												88.80	5.25	-	220.00
												920.17	54.38	-	2,279.69
												595.54	35.20	-	1,475.43
												613.50	36.26	-	1,519.92
												552.65	32.66	-	1,369.16
												1,711.60	101.15	-	4,240.41
												12.22	0.72	-	30.26
												71.36	4.22	-	176.78
												384.58	22.73	-	952.77
												1,939.11	114.60	-	4,804.07
												135.77	8.02	-	336.36
												386.60	22.85	-	957.78
												85.07	5.03	-	210.75
												5,231.05	309.15	-	12,959.71
												1,375.37	81.28	-	3,407.41
												2,166.08	128.01	-	5,366.36
												882.03	52.13	-	2,185.19
												47.86	2.83	-	118.56
												1,683.72	99.50	-	4,171.34
												39.52	2.34	-	97.92
												323.33	19.11	-	801.03
												88.52	5.23	-	219.31
												984.61	58.19	-	2,439.33
												824.18	48.71	-	2,041.87
												665.72	39.34	-	1,649.28
												594.22	35.12	-	1,472.14
												1,771.47	104.69	-	4,388.74
												12.22	0.72	-	30.26
												102.24	6.04	-	253.29
												433.16	25.60	-	1,073.13
												1,993.79	117.83	-	4,939.53
												135.77	8.02	-	336.36
												6.53	0.39	-	16.17
												389.04	22.99	-	963.82
												85.07	5.03	-	210.75
												5,606.37	331.33	-	13,889.56
												1,460.92	86.34	-	3,619.36
												2,470.81	146.02	-	6,121.32
												907.36	53.62	-	2,247.95
												62.41	3.69	-	154.62
												1,768.69	104.53	-	4,381.85
												39.52	2.34	-	97.92
												323.38	19.11	-	801.17
												88.52	5.23	-	219.31
												1,027.38	60.72	-	2,545.30

Emissions per Land Use Unit															
Tons/year										MT/year					
ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
												959.94	56.73	-	2,378.20
												703.98	41.60	-	1,744.09
												621.56	36.73	-	1,539.88
												1,806.63	106.77	-	4,475.85
												12.22	0.72	-	30.26
												120.54	7.12	-	298.63
												456.53	26.98	-	1,131.04
												2,025.88	119.73	-	5,019.04
												135.77	8.02	-	336.36
												8.30	0.49	-	20.56
												390.47	23.08	-	967.38
												85.07	5.03	-	210.75
												5,737.40	339.07	-	14,214.17
												1,509.27	89.20	-	3,739.15
												2,470.81	146.02	-	6,121.32
												907.36	53.62	-	2,247.95
												63.38	3.75	-	157.03
												1,852.23	109.46	-	4,588.83
												39.51	2.33	-	97.88
												326.84	19.32	-	809.72
												88.52	5.23	-	219.31
												1,091.59	64.51	-	2,704.36
												961.53	56.82	-	2,382.14
												766.78	45.32	-	1,899.68
												624.35	36.90	-	1,546.81
												1,806.63	106.77	-	4,475.85
												12.22	0.72	-	30.26
												153.81	9.09	-	381.05
												464.13	27.43	-	1,149.87
												2,025.88	119.73	-	5,019.04
												135.77	8.02	-	336.36
												12.66	0.75	-	31.37
												395.88	23.40	-	980.78
												85.07	5.03	-	210.75
												5,777.30	341.43	-	14,313.02
												1,545.32	91.33	-	3,828.46
												2,529.88	149.51	-	6,267.68
												548.65	0.52	0.32	655.39
												14.18	0.01	0.01	16.94
												1,351.98	1.27	0.78	1,615.01
												1,315.72	0.07	0.01	1,320.00
												305.06	0.29	0.18	364.41
												83.75	0.08	0.05	100.04
												883.75	1.06	0.65	1,105.22
												571.97	0.69	0.42	715.31
												775.79	0.73	0.45	927.67

Emissions per Land Use Unit															
Tons/year										MT/year					
ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
												781.12	0.74	0.45	934.04
												111.48	0.12	0.08	137.17
												3.07	0.00	0.00	3.80
												68.53	0.08	0.05	85.70
												68.96	0.04	0.02	76.95
												126.30	0.14	0.09	155.41
												128.05	0.12	0.07	152.96
												180.45	0.17	0.10	215.78
												80.23	0.08	0.05	95.84
												2,361.03	2.22	1.36	2,820.39
												641.99	0.61	0.37	767.67
												197.97	0.14	0.09	226.97
												717.47	0.78	0.48	879.17
												38.93	0.04	0.03	47.70
												1,369.59	1.48	0.91	1,678.25
												1,066.39	0.06	0.01	1,070.34
												263.01	0.28	0.18	322.28
												72.01	0.08	0.05	88.23
												829.10	1.13	0.70	1,065.93
												694.01	0.94	0.59	892.25
												726.31	0.79	0.49	890.96
												724.63	0.79	0.49	888.90
												100.57	0.13	0.08	127.14
												2.68	0.00	0.00	3.41
												86.09	0.12	0.07	110.68
												65.43	0.04	0.03	74.42
												113.19	0.14	0.09	143.10
												110.44	0.12	0.07	135.33
												7.12	0.01	0.00	8.74
												156.68	0.17	0.10	192.20
												69.19	0.07	0.05	84.79
												2,182.47	2.36	1.45	2,674.33
												588.36	0.64	0.39	721.73
												192.00	0.16	0.10	225.04
												566.72	0.79	0.49	732.24
												38.98	0.05	0.03	50.36
												1,104.68	1.54	0.95	1,427.32
												710.93	0.04	0.00	713.17
												201.98	0.28	0.17	260.97
												55.29	0.08	0.05	71.44
												688.06	1.17	0.73	934.33
												642.89	1.09	0.68	872.99
												590.21	0.83	0.51	763.47
												582.46	0.82	0.51	753.44
												80.57	0.13	0.08	107.57
												2.11	0.00	0.00	2.84

Emissions per Land Use Unit															
Tons/year										MT/year					
ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
												80.73	0.14	0.09	109.62
												50.18	0.05	0.03	59.57
												90.35	0.14	0.09	120.62
												84.80	0.12	0.07	109.56
												6.96	0.01	0.01	9.00
												120.84	0.17	0.10	156.31
												53.13	0.07	0.05	68.65
												1,714.92	2.39	1.48	2,215.78
												467.08	0.65	0.41	604.20
												142.76	0.16	0.10	175.56
												395.36	0.78	0.49	560.62
												27.62	0.05	0.03	39.16
												807.06	1.59	1.00	1,144.41
												355.32	0.02	0.00	357.02
												142.41	0.28	0.18	201.94
												38.57	0.08	0.05	54.69
												542.94	1.23	0.77	804.31
												478.25	1.08	0.68	708.48
												449.14	0.89	0.56	637.56
												408.77	0.81	0.51	580.26
												58.58	0.13	0.08	85.54
												1.55	0.00	0.00	2.28
												76.50	0.17	0.11	113.33
												31.92	0.05	0.03	41.44
												65.69	0.14	0.09	95.92
												59.16	0.12	0.07	83.89
												7.42	0.01	0.01	10.53
												85.60	0.17	0.11	121.51
												37.07	0.07	0.05	52.56
												1,204.70	2.37	1.49	1,708.26
												334.12	0.66	0.41	474.30
												95.74	0.16	0.10	129.25

					Emissions per Land Use Unit															
					lb/day										lb/day					
Utility Service Area	Year	Land Use	Emissions Category	Emissions Sub-Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
PCE	2016	Apartment	NaturalGas	Use	1.57	13.40	5.70	0.09		1.08	1.08		1.08	1.08		17,109.17	17,109.17	0.33	0.31	17,210.84
PCE	2016	Apartment	NaturalGas	Use	0.27	2.34	0.99	0.01		0.19	0.19		0.19	0.19		2,984.25	2,984.25	0.06	0.05	3,001.99
PCE	2016	Apartment	NaturalGas	Use	5.40	46.12	19.62	0.29		3.73	3.73		3.73	3.73		58,870.84	58,870.84	1.13	1.08	59,220.68
PCE	2016	City Park	NaturalGas	Use	-	-	-	-		-	-		-	-		-	-	-	-	-
PCE	2016	Condo/Tov	NaturalGas	Use	5.00	42.73	18.18	0.27		3.46	3.46		3.46	3.46		54,554.11	54,554.11	1.05	1.00	54,878.30
PCE	2016	Condo/Tov	NaturalGas	Use	1.26	10.78	4.59	0.07		0.87	0.87		0.87	0.87		13,766.41	13,766.41	0.26	0.25	13,848.22
PCE	2016	General He	NaturalGas	Use	7.42	67.45	56.65	0.40		5.13	5.13		5.13	5.13		80,935.20	80,935.20	1.55	1.48	81,416.15
PCE	2016	General Lig	NaturalGas	Use	5.02	45.65	38.35	0.27		3.47	3.47		3.47	3.47		54,779.90	54,779.90	1.05	1.00	55,105.43
PCE	2016	General Of	NaturalGas	Use	6.00	54.53	45.81	0.33		4.14	4.14		4.14	4.14		65,439.58	65,439.58	1.25	1.20	65,828.46
PCE	2016	Governmer	NaturalGas	Use	3.17	28.77	24.17	0.17		2.19	2.19		2.19	2.19		34,527.68	34,527.68	0.66	0.63	34,732.86
PCE	2016	Hospital	NaturalGas	Use	4.17	37.95	31.88	0.23		2.88	2.88		2.88	2.88		45,541.71	45,541.71	0.87	0.83	45,812.34
PCE	2016	Hotel	NaturalGas	Use	0.06	0.52	0.44	0.00		0.04	0.04		0.04	0.04		628.81	628.81	0.01	0.01	632.54
PCE	2016	Industrial P	NaturalGas	Use	1.52	13.84	11.63	0.08		1.05	1.05		1.05	1.05		16,610.71	16,610.71	0.32	0.30	16,709.42
PCE	2016	Junior High	NaturalGas	Use	1.77	16.12	13.54	0.10		1.22	1.22		1.22	1.22		19,339.22	19,339.22	0.37	0.35	19,454.14
PCE	2016	Medical Of	NaturalGas	Use	0.33	2.98	2.51	0.02		0.23	0.23		0.23	0.23		3,578.95	3,578.95	0.07	0.07	3,600.22
PCE	2016	Mobile Hor	NaturalGas	Use	1.46	12.51	5.32	0.08		1.01	1.01		1.01	1.01		15,965.51	15,965.51	0.31	0.29	16,060.39
PCE	2016	Office Park	NaturalGas	Use	3.79	34.41	28.91	0.21		2.62	2.62		2.62	2.62		41,297.02	41,297.02	0.79	0.76	41,542.43
PCE	2016	Regional Sh	NaturalGas	Use	1.22	11.10	9.33	0.07		0.84	0.84		0.84	0.84		13,323.51	13,323.51	0.26	0.24	13,402.69
PCE	2016	Retirement	NaturalGas	Use	0.48	4.07	1.73	0.03		0.33	0.33		0.33	0.33		5,190.61	5,190.61	0.10	0.10	5,221.46
PCE	2016	Single Fami	NaturalGas	Use	114.37	977.30	415.87	6.24		79.02	79.02		79.02	79.02		1,247,620.30	1,247,620.30	23.91	22.87	1,255,034.28
PCE	2016	Strip Mall	NaturalGas	Use	9.77	88.80	74.59	0.53		6.75	6.75		6.75	6.75		106,558.60	106,558.60	2.04	1.95	107,191.82
PCE	2016	University/	NaturalGas	Use	0.85	7.69	6.46	0.05		0.58	0.58		0.58	0.58		9,233.78	9,233.78	0.18	0.17	9,288.66
PCE	2016	All	Area Source	Architectur	1,083.37					-	-		-	-			-			-
PCE	2016	All	Area Source	Consumer	6,633.50					-	-		-	-			-			-
PCE	2016	All	Area Source	Hearth	-	-	-	-		-	-		-	-	-	-	-	-	-	-
PCE	2016	All	Area Source	Landscapin	394.43	146.30	12,505.58	0.65		67.45	67.45		67.45	67.45		22,210.99	22,210.99	22.67		22,777.70
PCE	2027	Apartment	NaturalGas	Use	0.59	5.01	2.13	0.03		0.41	0.41		0.41	0.41		6,394.28	6,394.28	0.12	0.12	6,432.28
PCE	2027	Apartment	NaturalGas	Use	0.27	2.28	0.97	0.01		0.18	0.18		0.18	0.18		2,910.00	2,910.00	0.06	0.05	2,927.29
PCE	2027	Apartment	NaturalGas	Use	6.52	55.69	23.70	0.36		4.50	4.50		4.50	4.50		71,090.30	71,090.30	1.36	1.30	71,512.75
PCE	2027	Condo/Tov	NaturalGas	Use	2.26	19.29	8.21	0.12		1.56	1.56		1.56	1.56		24,625.69	24,625.69	0.47	0.45	24,772.02
PCE	2027	Condo/Tov	NaturalGas	Use	0.85	7.28	3.10	0.05		0.59	0.59		0.59	0.59		9,293.94	9,293.94	0.18	0.17	9,349.17
PCE	2027	General He	NaturalGas	Use	2.09	18.99	15.95	0.11		1.44	1.44		1.44	1.44		22,783.17	22,783.17	0.44	0.42	22,918.56
PCE	2027	General Lig	NaturalGas	Use	3.23	29.40	24.69	0.18		2.23	2.23		2.23	2.23		35,275.48	35,275.48	0.68	0.65	35,485.11
PCE	2027	General Of	NaturalGas	Use	4.04	36.68	30.81	0.22		2.79	2.79		2.79	2.79		44,020.04	44,020.04	0.84	0.81	44,281.63
PCE	2027	Governmer	NaturalGas	Use	2.32	21.07	17.70	0.13		1.60	1.60		1.60	1.60		25,283.56	25,283.56	0.48	0.46	25,433.80
PCE	2027	Hospital	NaturalGas	Use	0.71	6.42	5.40	0.04		0.49	0.49		0.49	0.49		7,707.68	7,707.68	0.15	0.14	7,753.49
PCE	2027	Hotel	NaturalGas	Use	0.22	2.02	1.69	0.01		0.15	0.15		0.15	0.15		2,420.19	2,420.19	0.05	0.04	2,434.58
PCE	2027	Industrial P	NaturalGas	Use	1.35	12.24	10.28	0.07		0.93	0.93		0.93	0.93		14,685.63	14,685.63	0.28	0.27	14,772.90
PCE	2027	Junior High	NaturalGas	Use	0.94	8.57	7.20	0.05		0.65	0.65		0.65	0.65		10,284.52	10,284.52	0.20	0.19	10,345.63
PCE	2027	Medical Of	NaturalGas	Use	0.99	9.01	7.57	0.05		0.69	0.69		0.69	0.69		10,817.45	10,817.45	0.21	0.20	10,881.74
PCE	2027	Mobile Hor	NaturalGas	Use	0.71	6.10	2.60	0.04		0.49	0.49		0.49	0.49		7,786.59	7,786.59	0.15	0.14	7,832.86
PCE	2027	Office Park	NaturalGas	Use	0.04	0.35	0.29	0.00		0.03	0.03		0.03	0.03		419.86	419.86	0.01	0.01	422.36
PCE	2027	Regional Sh	NaturalGas	Use	0.25	2.31	1.94	0.01		0.18	0.18		0.18	0.18		2,771.30	2,771.30	0.05	0.05	2,787.77
PCE	2027	Retirement	NaturalGas	Use	0.31	2.66	1.13	0.02		0.22	0.22		0.22	0.22		3,398.95	3,398.95	0.07	0.06	3,419.15
PCE	2027	Single Fami	NaturalGas	Use	76.02	649.64	276.44	4.15		52.52	52.52		52.52	52.52		829,322.82	829,322.82	15.90	15.20	834,251.07
PCE	2027	Strip Mall	NaturalGas	Use	7.02	63.79	53.58	0.38		4.85	4.85		4.85	4.85		76,545.35	76,545.35	1.47	1.40	77,000.22
PCE	2027	University/	NaturalGas	Use	1.57	14.30	12.01	0.09		1.09	1.09		1.09	1.09		17,162.54	17,162.54	0.33	0.31	17,264.53
PCE	2027	All	Area Source	Architectur	721.02					-	-		-	-			-			-
PCE	2027	All	Area Source	Consumer	4,718.23					-	-		-	-			-			-
PCE	2027	All	Area Source	Hearth	-	-	-	-		-	-		-	-	-	-	-	-	-	-
PCE	2027	All	Area Source	Landscapin	283.30	108.58	9,427.24	0.50		52.30	52.30		52.30	52.30		16,992.25	16,992.25	16.29		17,399.41
PCE	2035	Apartment	NaturalGas	Use	1.01	8.61	3.67	0.06		0.70	0.70		0.70	0.70		10,995.06	10,995.06	0.21	0.20	11,060.40
PCE	2035	Apartment	NaturalGas	Use	0.38	3.21	1.36	0.02		0.26	0.26		0.26	0.26		4,094.03	4,094.03	0.08	0.08	4,118.36
PCE	2035	Apartment	NaturalGas	Use	8.34	71.24	30.31	0.45		5.76	5.76		5.76	5.76		90,942.19	90,942.19	1.74	1.67	91,482.61

					Emissions per Land Use Unit															
					lb/day										lb/day					
Utility Service Area	Year	Land Use	Emissions Category	Emissions Sub-Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
PCE	2035	Condo/Tov	NaturalGas	Use	2.26	19.29	8.21	0.12		1.56	1.56		1.56	1.56		24,625.69	24,625.69	0.47	0.45	24,772.02
PCE	2035	Condo/Tov	NaturalGas	Use	0.85	7.28	3.10	0.05		0.59	0.59		0.59	0.59		9,293.94	9,293.94	0.18	0.17	9,349.17
PCE	2035	General He	NaturalGas	Use	2.23	20.29	17.04	0.12		1.54	1.54		1.54	1.54		24,349.69	24,349.69	0.47	0.45	24,494.39
PCE	2035	General Lig	NaturalGas	Use	3.57	32.45	27.25	0.19		2.47	2.47		2.47	2.47		38,935.28	38,935.28	0.75	0.71	39,166.65
PCE	2035	General Of	NaturalGas	Use	4.56	41.46	34.83	0.25		3.15	3.15		3.15	3.15		49,757.66	49,757.66	0.95	0.91	50,053.35
PCE	2035	Governmer	NaturalGas	Use	2.37	21.58	18.12	0.13		1.64	1.64		1.64	1.64		25,891.90	25,891.90	0.50	0.47	26,045.76
PCE	2035	Hospital	NaturalGas	Use	0.74	6.75	5.67	0.04		0.51	0.51		0.51	0.51		8,099.07	8,099.07	0.16	0.15	8,147.20
PCE	2035	Hotel	NaturalGas	Use	0.25	2.25	1.89	0.01		0.17	0.17		0.17	0.17		2,702.84	2,702.84	0.05	0.05	2,718.90
PCE	2035	Industrial P	NaturalGas	Use	1.71	15.58	13.09	0.09		1.18	1.18		1.18	1.18		18,698.92	18,698.92	0.36	0.34	18,810.04
PCE	2035	Junior High	NaturalGas	Use	1.05	9.56	8.03	0.06		0.73	0.73		0.73	0.73		11,467.18	11,467.18	0.22	0.21	11,535.32
PCE	2035	Medical Of	NaturalGas	Use	1.00	9.07	7.62	0.05		0.69	0.69		0.69	0.69		10,884.04	10,884.04	0.21	0.20	10,948.72
PCE	2035	Mobile Hor	NaturalGas	Use	0.71	6.10	2.60	0.04		0.49	0.49		0.49	0.49		7,786.59	7,786.59	0.15	0.14	7,832.86
PCE	2035	Office Park	NaturalGas	Use	0.06	0.56	0.47	0.00		0.04	0.04		0.04	0.04		666.43	666.43	0.01	0.01	670.39
PCE	2035	Regional Sh	NaturalGas	Use	0.25	2.31	1.94	0.01		0.18	0.18		0.18	0.18		2,776.99	2,776.99	0.05	0.05	2,793.49
PCE	2035	Retirement	NaturalGas	Use	0.31	2.66	1.13	0.02		0.22	0.22		0.22	0.22		3,398.95	3,398.95	0.07	0.06	3,419.15
PCE	2035	Single Fami	NaturalGas	Use	80.68	689.45	293.38	4.40		55.74	55.74		55.74	55.74		880,150.93	880,150.93	16.87	16.14	885,381.23
PCE	2035	Strip Mall	NaturalGas	Use	7.61	69.20	58.12	0.42		5.26	5.26		5.26	5.26		83,035.02	83,035.02	1.59	1.52	83,528.45
PCE	2035	University/	NaturalGas	Use	1.80	16.35	13.73	0.10		1.24	1.24		1.24	1.24		19,617.64	19,617.64	0.38	0.36	19,734.21
PCE	2035	All	Area Source	Architectur	806.19					-	-		-	-			-			-
PCE	2035	All	Area Source	Consumer	5,284.31					-	-		-	-			-			-
PCE	2035	All	Area Source	Hearth	-	-	-	-		-	-		-	-	-	-	-	-	-	-
PCE	2035	All	Area Source	Landscapin	318.40	122.74	10,639.43	0.56		59.20	59.20		59.20	59.20		19,226.63	19,226.63	18.32		19,684.60
PCE	2040	Apartment	NaturalGas	Use	1.01	8.61	3.67	0.06		0.70	0.70		0.70	0.70		10,995.06	10,995.06	0.21	0.20	11,060.40
PCE	2040	Apartment	NaturalGas	Use	0.39	3.34	1.42	0.02		0.27	0.27		0.27	0.27		4,265.64	4,265.64	0.08	0.08	4,290.99
PCE	2040	Apartment	NaturalGas	Use	9.08	77.62	33.03	0.50		6.28	6.28		6.28	6.28		99,093.85	99,093.85	1.90	1.82	99,682.71
PCE	2040	Condo/Tov	NaturalGas	Use	2.26	19.29	8.21	0.12		1.56	1.56		1.56	1.56		24,619.47	24,619.47	0.47	0.45	24,765.77
PCE	2040	Condo/Tov	NaturalGas	Use	0.85	7.28	3.10	0.05		0.59	0.59		0.59	0.59		9,293.94	9,293.94	0.18	0.17	9,349.17
PCE	2040	General He	NaturalGas	Use	2.38	21.64	18.18	0.13		1.64	1.64		1.64	1.64		25,969.38	25,969.38	0.50	0.48	26,123.70
PCE	2040	General Lig	NaturalGas	Use	3.93	35.76	30.03	0.21		2.72	2.72		2.72	2.72		42,906.36	42,906.36	0.82	0.79	43,161.33
PCE	2040	General Of	NaturalGas	Use	4.91	44.67	37.52	0.27		3.39	3.39		3.39	3.39		53,597.96	53,597.96	1.03	0.98	53,916.47
PCE	2040	Governmer	NaturalGas	Use	2.40	21.84	18.34	0.13		1.66	1.66		1.66	1.66		26,204.81	26,204.81	0.50	0.48	26,360.54
PCE	2040	Hospital	NaturalGas	Use	0.74	6.75	5.67	0.04		0.51	0.51		0.51	0.51		8,099.07	8,099.07	0.16	0.15	8,147.20
PCE	2040	Hotel	NaturalGas	Use	0.25	2.25	1.89	0.01		0.17	0.17		0.17	0.17		2,702.82	2,702.82	0.05	0.05	2,718.89
PCE	2040	Industrial P	NaturalGas	Use	1.81	16.43	13.80	0.10		1.25	1.25		1.25	1.25		19,712.17	19,712.17	0.38	0.36	19,829.31
PCE	2040	Junior High	NaturalGas	Use	1.10	9.97	8.37	0.06		0.76	0.76		0.76	0.76		11,960.75	11,960.75	0.23	0.22	12,031.83
PCE	2040	Medical Of	NaturalGas	Use	1.02	9.23	7.76	0.06		0.70	0.70		0.70	0.70		11,079.88	11,079.88	0.21	0.20	11,145.72
PCE	2040	Mobile Hor	NaturalGas	Use	0.71	6.10	2.60	0.04		0.49	0.49		0.49	0.49		7,786.59	7,786.59	0.15	0.14	7,832.86
PCE	2040	Office Park	NaturalGas	Use	0.06	0.56	0.47	0.00		0.04	0.04		0.04	0.04		666.43	666.43	0.01	0.01	670.39
PCE	2040	Regional Sh	NaturalGas	Use	0.28	2.56	2.15	0.02		0.19	0.19		0.19	0.19		3,073.78	3,073.78	0.06	0.06	3,092.04
PCE	2040	Retirement	NaturalGas	Use	0.31	2.66	1.13	0.02		0.22	0.22		0.22	0.22		3,398.95	3,398.95	0.07	0.06	3,419.15
PCE	2040	Single Fami	NaturalGas	Use	84.44	721.58	307.06	4.61		58.34	58.34		58.34	58.34		921,166.46	921,166.46	17.66	16.89	926,640.49
PCE	2040	Strip Mall	NaturalGas	Use	7.69	69.89	58.70	0.42		5.31	5.31		5.31	5.31		83,864.03	83,864.03	1.61	1.54	84,362.39
PCE	2040	University/	NaturalGas	Use	1.80	16.35	13.73	0.10		1.24	1.24		1.24	1.24		19,617.64	19,617.64	0.38	0.36	19,734.21
PCE	2040	All	Area Source	Architectur	856.39					-	-		-	-			-			-
PCE	2040	All	Area Source	Consumer	5,615.67					-	-		-	-			-			-
PCE	2040	All	Area Source	Hearth	-	-	-	-		-	-		-	-	-	-	-	-	-	-
PCE	2040	All	Area Source	Landscapin	337.99	130.31	11,290.27	0.60		62.88	62.88		62.88	62.88		20,420.77	20,420.77	19.45		20,907.14
PGE	2016	Apartment	NaturalGas	Use	1.57	13.40	5.70	0.09		1.08	1.08		1.08	1.08		17,109.17	17,109.17	0.33	0.31	17,210.84
PGE	2016	Apartment	NaturalGas	Use	0.27	2.34	0.99	0.01		0.19	0.19		0.19	0.19		2,984.25	2,984.25	0.06	0.05	3,001.99
PGE	2016	Apartment	NaturalGas	Use	5.40	46.12	19.62	0.29		3.73	3.73		3.73	3.73		58,870.84	58,870.84	1.13	1.08	59,220.68
PGE	2016	City Park	NaturalGas	Use	-	-	-	-		-	-		-	-		-	-	-	-	-
PGE	2016	Condo/Tov	NaturalGas	Use	5.00	42.73	18.18	0.27		3.46	3.46		3.46	3.46		54,554.11	54,554.11	1.05	1.00	54,878.30
PGE	2016	Condo/Tov	NaturalGas	Use	1.26	10.78	4.59	0.07		0.87	0.87		0.87	0.87		13,766.41	13,766.41	0.26	0.25	13,848.22
PGE	2016	General He	NaturalGas	Use	13.09	119.04	100.00	0.71		9.05	9.05		9.05	9.05		142,853.54	142,853.54	2.74	2.62	143,702.45

					Emissions per Land Use Unit															
					lb/day										lb/day					
Utility Service Area	Year	Land Use	Emissions Category	Emissions Sub-Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
PGE	2016	General Lig	NaturalGas	Use	8.86	80.58	67.69	0.48		6.12	6.12		6.12	6.12		96,696.26	96,696.26	1.85	1.77	97,270.88
PGE	2016	General Of	NaturalGas	Use	4.74	43.06	36.17	0.26		3.27	3.27		3.27	3.27		51,666.26	51,666.26	0.99	0.95	51,973.29
PGE	2016	Governmer	NaturalGas	Use	2.50	22.72	19.08	0.14		1.73	1.73		1.73	1.73		27,261.79	27,261.79	0.52	0.50	27,423.79
PGE	2016	Hospital	NaturalGas	Use	3.49	31.71	26.64	0.19		2.41	2.41		2.41	2.41		38,053.49	38,053.49	0.73	0.70	38,279.62
PGE	2016	Hotel	NaturalGas	Use	0.08	0.76	0.64	0.00		0.06	0.06		0.06	0.06		909.11	909.11	0.02	0.02	914.52
PGE	2016	Industrial P	NaturalGas	Use	1.20	10.93	9.18	0.07		0.83	0.83		0.83	0.83		13,113.01	13,113.01	0.25	0.24	13,190.93
PGE	2016	Junior High	NaturalGas	Use	2.77	25.22	21.18	0.15		1.92	1.92		1.92	1.92		30,259.52	30,259.52	0.58	0.55	30,439.34
PGE	2016	Medical Of	NaturalGas	Use	0.26	2.36	1.98	0.01		0.18	0.18		0.18	0.18		2,826.69	2,826.69	0.05	0.05	2,843.49
PGE	2016	Mobile Hor	NaturalGas	Use	1.46	12.51	5.32	0.08		1.01	1.01		1.01	1.01		15,965.51	15,965.51	0.31	0.29	16,060.39
PGE	2016	Office Park	NaturalGas	Use	5.56	50.52	42.44	0.30		3.84	3.84		3.84	3.84		60,626.32	60,626.32	1.16	1.11	60,986.59
PGE	2016	Regional Sh	NaturalGas	Use	0.54	4.94	4.15	0.03		0.38	0.38		0.38	0.38		5,931.30	5,931.30	0.11	0.11	5,966.54
PGE	2016	Retirement	NaturalGas	Use	0.48	4.07	1.73	0.03		0.33	0.33		0.33	0.33		5,190.61	5,190.61	0.10	0.10	5,221.46
PGE	2016	Single Fami	NaturalGas	Use	114.31	976.86	415.69	6.24		78.98	78.98		78.98	78.98		1,247,055.19	1,247,055.19	23.90	22.86	1,254,465.82
PGE	2016	Strip Mall	NaturalGas	Use	4.35	39.53	33.20	0.24		3.00	3.00		3.00	3.00		47,433.75	47,433.75	0.91	0.87	47,715.62
PGE	2016	University/	NaturalGas	Use	0.53	4.84	4.06	0.03		0.37	0.37		0.37	0.37		5,803.20	5,803.20	0.11	0.11	5,837.69
PGE	2016	All	Area Source	Architectur	1,083.06					-	-		-	-			-			-
PGE	2016	All	Area Source	Consumer	6,631.60					-	-		-	-			-			-
PGE	2016	All	Area Source	Hearth	-	-	-	-		-	-		-	-	-	-	-	-	-	-
PGE	2016	All	Area Source	Landscapin	394.29	146.25	12,501.40	0.65		67.43	67.43		67.43	67.43		22,203.57	22,203.57	22.66		22,770.09
PGE	2027	Apartment	NaturalGas	Use	2.00	17.12	7.29	0.11		1.38	1.38		1.38	1.38		21,857.02	21,857.02	0.42	0.40	21,986.91
PGE	2027	Apartment	NaturalGas	Use	0.29	2.44	1.04	0.02		0.20	0.20		0.20	0.20		3,119.78	3,119.78	0.06	0.06	3,138.32
PGE	2027	Apartment	NaturalGas	Use	7.60	64.92	27.62	0.41		5.25	5.25		5.25	5.25		82,874.13	82,874.13	1.59	1.52	83,366.61
PGE	2027	City Park	NaturalGas	Use	-	-	-	-		-	-		-	-		-	-	-	-	-
PGE	2027	Condo/Tov	NaturalGas	Use	4.94	42.20	17.96	0.27		3.41	3.41		3.41	3.41		53,871.92	53,871.92	1.03	0.99	54,192.05
PGE	2027	Condo/Tov	NaturalGas	Use	1.25	10.65	4.53	0.07		0.86	0.86		0.86	0.86		13,601.27	13,601.27	0.26	0.25	13,682.09
PGE	2027	General He	NaturalGas	Use	14.22	129.28	108.59	0.78		9.83	9.83		9.83	9.83		155,131.90	155,131.90	2.97	2.84	156,053.77
PGE	2027	General Lig	NaturalGas	Use	10.75	97.75	82.11	0.59		7.43	7.43		7.43	7.43		117,294.98	117,294.98	2.25	2.15	117,992.00
PGE	2027	General Of	NaturalGas	Use	5.53	50.27	42.22	0.30		3.82	3.82		3.82	3.82		60,320.75	60,320.75	1.16	1.11	60,679.20
PGE	2027	Governmer	NaturalGas	Use	2.79	25.40	21.34	0.15		1.93	1.93		1.93	1.93		30,481.72	30,481.72	0.58	0.56	30,662.86
PGE	2027	Hospital	NaturalGas	Use	3.57	32.44	27.25	0.19		2.47	2.47		2.47	2.47		38,925.51	38,925.51	0.75	0.71	39,156.82
PGE	2027	Hotel	NaturalGas	Use	0.08	0.76	0.64	0.00		0.06	0.06		0.06	0.06		911.24	911.24	0.02	0.02	916.66
PGE	2027	Industrial P	NaturalGas	Use	1.68	15.23	12.79	0.09		1.16	1.16		1.16	1.16		18,276.78	18,276.78	0.35	0.34	18,385.39
PGE	2027	Junior High	NaturalGas	Use	3.01	27.38	23.00	0.16		2.08	2.08		2.08	2.08		32,857.90	32,857.90	0.63	0.60	33,053.16
PGE	2027	Medical Of	NaturalGas	Use	0.26	2.36	1.98	0.01		0.18	0.18		0.18	0.18		2,832.35	2,832.35	0.05	0.05	2,849.18
PGE	2027	Mobile Hor	NaturalGas	Use	1.56	13.34	5.68	0.09		1.08	1.08		1.08	1.08		17,033.96	17,033.96	0.33	0.31	17,135.19
PGE	2027	Office Park	NaturalGas	Use	5.40	49.11	41.25	0.29		3.73	3.73		3.73	3.73		58,932.69	58,932.69	1.13	1.08	59,282.90
PGE	2027	Regional Sh	NaturalGas	Use	0.55	5.01	4.21	0.03		0.38	0.38		0.38	0.38		6,007.64	6,007.64	0.12	0.11	6,043.34
PGE	2027	Retirement	NaturalGas	Use	0.47	4.02	1.71	0.03		0.33	0.33		0.33	0.33		5,131.90	5,131.90	0.10	0.09	5,162.40
PGE	2027	Single Fami	NaturalGas	Use	108.71	928.94	395.30	5.93		75.11	75.11		75.11	75.11		1,185,885.73	1,185,885.73	22.73	21.74	1,192,932.86
PGE	2027	Strip Mall	NaturalGas	Use	4.88	44.37	37.27	0.27		3.37	3.37		3.37	3.37		53,246.48	53,246.48	1.02	0.98	53,562.90
PGE	2027	University/	NaturalGas	Use	0.55	5.01	4.20	0.03		0.38	0.38		0.38	0.38		6,006.11	6,006.11	0.12	0.11	6,041.80
PGE	2027	All	Area Source	Architectur	1,081.51					-	-		-	-			-			-
PGE	2027	All	Area Source	Consumer	7,220.38					-	-		-	-			-			-
PGE	2027	All	Area Source	Hearth	-	-	-	-		-	-		-	-	-	-	-	-	-	-
PGE	2027	All	Area Source	Landscapin	403.77	154.65	13,428.11	0.71		74.49	74.49		74.49	74.49		24,205.01	24,205.01	23.21		24,785.34
PGE	2035	Apartment	NaturalGas	Use	1.93	16.46	7.01	0.11		1.33	1.33		1.33	1.33		21,019.06	21,019.06	0.40	0.39	21,143.96
PGE	2035	Apartment	NaturalGas	Use	0.26	2.22	0.95	0.01		0.18	0.18		0.18	0.18		2,837.87	2,837.87	0.05	0.05	2,854.74
PGE	2035	Apartment	NaturalGas	Use	7.12	60.82	25.88	0.39		4.92	4.92		4.92	4.92		77,639.41	77,639.41	1.49	1.42	78,100.78
PGE	2035	City Park	NaturalGas	Use	-	-	-	-		-	-		-	-		-	-	-	-	-
PGE	2035	Condo/Tov	NaturalGas	Use	4.94	42.20	17.96	0.27		3.41	3.41		3.41	3.41		53,875.65	53,875.65	1.03	0.99	54,195.81
PGE	2035	Condo/Tov	NaturalGas	Use	1.25	10.65	4.53	0.07		0.86	0.86		0.86	0.86		13,601.74	13,601.74	0.26	0.25	13,682.57
PGE	2035	General He	NaturalGas	Use	13.86	126.01	105.85	0.76		9.58	9.58		9.58	9.58		151,211.16	151,211.16	2.90	2.77	152,109.73
PGE	2035	General Lig	NaturalGas	Use	10.17	92.43	77.64	0.55		7.03	7.03		7.03	7.03		110,920.59	110,920.59	2.13	2.03	111,579.73
PGE	2035	General Of	NaturalGas	Use	5.14	46.70	39.23	0.28		3.55	3.55		3.55	3.55		56,042.96	56,042.96	1.07	1.03	56,375.99

					Emissions per Land Use Unit															
					lb/day										lb/day					
Utility Service Area	Year	Land Use	Emissions Category	Emissions Sub-Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
PGE	2035	Governmer	NaturalGas	Use	2.64	23.96	20.13	0.14		1.82	1.82		1.82	1.82		28,750.03	28,750.03	0.55	0.53	28,920.88
PGE	2035	Hospital	NaturalGas	Use	3.53	32.05	26.92	0.19		2.44	2.44		2.44	2.44		38,459.46	38,459.46	0.74	0.71	38,688.00
PGE	2035	Hotel	NaturalGas	Use	0.08	0.76	0.64	0.00		0.06	0.06		0.06	0.06		911.19	911.19	0.02	0.02	916.61
PGE	2035	Industrial P	NaturalGas	Use	1.49	13.52	11.36	0.08		1.03	1.03		1.03	1.03		16,222.93	16,222.93	0.31	0.30	16,319.34
PGE	2035	Junior High	NaturalGas	Use	2.88	26.17	21.98	0.16		1.99	1.99		1.99	1.99		31,397.96	31,397.96	0.60	0.58	31,584.54
PGE	2035	Medical Of	NaturalGas	Use	0.26	2.36	1.98	0.01		0.18	0.18		0.18	0.18		2,828.78	2,828.78	0.05	0.05	2,845.59
PGE	2035	Mobile Hor	NaturalGas	Use	1.56	13.35	5.68	0.09		1.08	1.08		1.08	1.08		17,039.71	17,039.71	0.33	0.31	17,140.96
PGE	2035	Office Park	NaturalGas	Use	5.43	49.39	41.49	0.30		3.75	3.75		3.75	3.75		59,267.19	59,267.19	1.14	1.09	59,619.39
PGE	2035	Regional Sh	NaturalGas	Use	0.54	4.94	4.15	0.03		0.38	0.38		0.38	0.38		5,923.55	5,923.55	0.11	0.11	5,958.75
PGE	2035	Retirement	NaturalGas	Use	0.47	4.02	1.71	0.03		0.33	0.33		0.33	0.33		5,131.90	5,131.90	0.10	0.09	5,162.40
PGE	2035	Single Fami	NaturalGas	Use	107.10	915.18	389.44	5.84		73.99	73.99		73.99	73.99		1,168,310.63	1,168,310.63	22.39	21.42	1,175,253.31
PGE	2035	Strip Mall	NaturalGas	Use	4.60	41.84	35.15	0.25		3.18	3.18		3.18	3.18		50,213.46	50,213.46	0.96	0.92	50,511.85
PGE	2035	University/	NaturalGas	Use	0.54	4.91	4.12	0.03		0.37	0.37		0.37	0.37		5,889.54	5,889.54	0.11	0.11	5,924.54
PGE	2035	All	Area Source	Architectur	1,081.51					-	-		-	-			-			-
PGE	2035	All	Area Source	Consumer	7,220.38					-	-		-	-			-			-
PGE	2035	All	Area Source	Hearth	-	-	-	-		-	-		-	-	-	-	-	-	-	-
PGE	2035	All	Area Source	Landscapin	401.05	154.50	13,393.59	0.71		74.52	74.52		74.52	74.52		24,205.01	24,205.01	23.08		24,781.89
PGE	2040	Apartment	NaturalGas	Use	2.53	21.58	9.18	0.14		1.75	1.75		1.75	1.75		27,554.10	27,554.10	0.53	0.51	27,717.84
PGE	2040	Apartment	NaturalGas	Use	1.18	10.07	4.29	0.06		0.81	0.81		0.81	0.81		12,855.73	12,855.73	0.25	0.24	12,932.13
PGE	2040	Apartment	NaturalGas	Use	11.28	96.37	41.01	0.62		7.79	7.79		7.79	7.79		123,029.44	123,029.44	2.36	2.26	123,760.55
PGE	2040	City Park	NaturalGas	Use	-	-	-	-		-	-		-	-		-	-	-	-	-
PGE	2040	Condo/Tov	NaturalGas	Use	4.94	42.20	17.96	0.27		3.41	3.41		3.41	3.41		53,874.68	53,874.68	1.03	0.99	54,194.83
PGE	2040	Condo/Tov	NaturalGas	Use	1.25	10.65	4.53	0.07		0.86	0.86		0.86	0.86		13,592.79	13,592.79	0.26	0.25	13,673.57
PGE	2040	General He	NaturalGas	Use	15.45	140.49	118.01	0.84		10.68	10.68		10.68	10.68		168,583.21	168,583.21	3.23	3.09	169,585.01
PGE	2040	General Lig	NaturalGas	Use	12.08	109.86	92.28	0.66		8.35	8.35		8.35	8.35		131,826.06	131,826.06	2.53	2.42	132,609.44
PGE	2040	General Of	NaturalGas	Use	5.93	53.87	45.25	0.32		4.09	4.09		4.09	4.09		64,641.16	64,641.16	1.24	1.19	65,025.29
PGE	2040	Governmer	NaturalGas	Use	2.91	26.47	22.23	0.16		2.01	2.01		2.01	2.01		31,757.95	31,757.95	0.61	0.58	31,946.67
PGE	2040	Hospital	NaturalGas	Use	3.63	32.96	27.69	0.20		2.51	2.51		2.51	2.51		39,557.55	39,557.55	0.76	0.73	39,792.62
PGE	2040	Hotel	NaturalGas	Use	0.08	0.76	0.64	0.00		0.06	0.06		0.06	0.06		911.19	911.19	0.02	0.02	916.61
PGE	2040	Industrial P	NaturalGas	Use	1.75	15.89	13.35	0.10		1.21	1.21		1.21	1.21		19,065.21	19,065.21	0.37	0.35	19,178.51
PGE	2040	Junior High	NaturalGas	Use	3.21	29.17	24.50	0.18		2.22	2.22		2.22	2.22		35,003.32	35,003.32	0.67	0.64	35,211.32
PGE	2040	Medical Of	NaturalGas	Use	0.27	2.45	2.06	0.01		0.19	0.19		0.19	0.19		2,944.08	2,944.08	0.06	0.05	2,961.57
PGE	2040	Mobile Hor	NaturalGas	Use	1.56	13.35	5.68	0.09		1.08	1.08		1.08	1.08		17,039.71	17,039.71	0.33	0.31	17,140.96
PGE	2040	Office Park	NaturalGas	Use	5.42	49.25	41.37	0.30		3.74	3.74		3.74	3.74		59,100.78	59,100.78	1.13	1.08	59,451.98
PGE	2040	Regional Sh	NaturalGas	Use	0.58	5.24	4.40	0.03		0.40	0.40		0.40	0.40		6,282.06	6,282.06	0.12	0.12	6,319.39
PGE	2040	Retirement	NaturalGas	Use	0.47	4.02	1.71	0.03		0.33	0.33		0.33	0.33		5,131.90	5,131.90	0.10	0.09	5,162.40
PGE	2040	Single Fami	NaturalGas	Use	115.66	988.37	420.58	6.31		79.91	79.91		79.91	79.91		1,261,748.33	1,261,748.33	24.18	23.13	1,269,246.27
PGE	2040	Strip Mall	NaturalGas	Use	4.96	45.13	37.91	0.27		3.43	3.43		3.43	3.43		54,157.22	54,157.22	1.04	0.99	54,479.05
PGE	2040	University/	NaturalGas	Use	0.56	5.09	4.27	0.03		0.39	0.39		0.39	0.39		6,103.11	6,103.11	0.12	0.11	6,139.38
PGE	2040	All	Area Source	Architectur	1,230.93					-	-		-	-			-			-
PGE	2040	All	Area Source	Consumer	8,205.09					-	-		-	-			-			-
PGE	2040	All	Area Source	Hearth	-	-	-	-		-	-		-	-	-	-	-	-	-	-
PGE	2040	All	Area Source	Landscapin	470.88	181.45	15,722.06	0.83		87.55	87.55		87.55	87.55		28,437.83	28,437.83	27.11		29,115.45
RE	2016	Apartment	NaturalGas	Use	0.38	3.28	1.40	0.02		0.27	0.27		0.27	0.27		4,191.88	4,191.88	0.08	0.08	4,216.79
RE	2016	Apartment	NaturalGas	Use	3.07	26.22	11.16	0.17		2.12	2.12		2.12	2.12		33,470.15	33,470.15	0.64	0.61	33,669.05
RE	2016	Condo/Tov	NaturalGas	Use	4.08	34.86	14.83	0.22		2.82	2.82		2.82	2.82		44,496.36	44,496.36	0.85	0.82	44,760.78
RE	2016	Condo/Tov	NaturalGas	Use	1.41	12.07	5.14	0.08		0.98	0.98		0.98	0.98		15,413.87	15,413.87	0.30	0.28	15,505.47
RE	2016	General He	NaturalGas	Use	0.89	8.10	6.80	0.05		0.62	0.62		0.62	0.62		9,717.47	9,717.47	0.19	0.18	9,775.22
RE	2016	General Lig	NaturalGas	Use	1.48	13.50	11.34	0.08		1.03	1.03		1.03	1.03		16,194.94	16,194.94	0.31	0.30	16,291.18
RE	2016	General Of	NaturalGas	Use	3.34	30.38	25.52	0.18		2.31	2.31		2.31	2.31		36,454.55	36,454.55	0.70	0.67	36,671.18
RE	2016	Governmer	NaturalGas	Use	0.77	7.01	5.89	0.04		0.53	0.53		0.53	0.53		8,414.41	8,414.41	0.16	0.15	8,464.41
RE	2016	Hospital	NaturalGas	Use	3.67	33.34	28.01	0.20		2.53	2.53		2.53	2.53		40,012.85	40,012.85	0.77	0.73	40,250.62
RE	2016	Hotel	NaturalGas	Use	0.42	3.83	3.22	0.02		0.29	0.29		0.29	0.29		4,600.00	4,600.00	0.09	0.08	4,627.33
RE	2016	Industrial P	NaturalGas	Use	1.66	15.10	12.68	0.09		1.15	1.15		1.15	1.15		18,121.06	18,121.06	0.35	0.33	18,228.75

					Emissions per Land Use Unit															
					lb/day										lb/day					
Utility Service Area	Year	Land Use	Emissions Category	Emissions Sub-Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
RE	2016	Junior High	NaturalGas Use		0.43	3.87	3.25	0.02		0.29	0.29		0.29	0.29		4,642.44	4,642.44	0.09	0.09	4,670.02
RE	2016	Medical Of	NaturalGas Use		2.81	25.52	21.44	0.15		1.94	1.94		1.94	1.94		30,622.76	30,622.76	0.59	0.56	30,804.74
RE	2016	Mobile Hor	NaturalGas Use		0.12	1.05	0.45	0.01		0.08	0.08		0.08	0.08		1,340.73	1,340.73	0.03	0.02	1,348.70
RE	2016	Regional Sh	NaturalGas Use		2.18	19.83	16.65	0.12		1.51	1.51		1.51	1.51		23,791.25	23,791.25	0.46	0.44	23,932.63
RE	2016	Retirement	NaturalGas Use		0.55	4.73	2.01	0.03		0.38	0.38		0.38	0.38		6,040.67	6,040.67	0.12	0.11	6,076.57
RE	2016	Single Fami	NaturalGas Use		32.28	275.88	117.40	1.76		22.31	22.31		22.31	22.31		352,185.89	352,185.89	6.75	6.46	354,278.76
RE	2016	Strip Mall	NaturalGas Use		5.96	54.18	45.51	0.33		4.12	4.12		4.12	4.12		65,016.45	65,016.45	1.25	1.19	65,402.82
RE	2016	All	Area Source	Architectur	389.49					-	-		-	-			-			-
RE	2016	All	Area Source	Consumer	2,142.54					-	-		-	-			-			-
RE	2016	All	Area Source	Hearth	-	-	-	-		-	-		-	-	-	-	-	-	-	-
RE	2016	All	Area Source	Landscapin	135.97	50.42	4,310.24	0.22		23.25	23.25		23.25	23.25		7,655.49	7,655.49	7.81		7,850.85
RE	2027	Apartment	NaturalGas Use		0.90	7.68	3.27	0.05		0.62	0.62		0.62	0.62		9,797.80	9,797.80	0.19	0.18	9,856.03
RE	2027	Apartment	NaturalGas Use		0.21	1.83	0.78	0.01		0.15	0.15		0.15	0.15		2,334.81	2,334.81	0.04	0.04	2,348.68
RE	2027	Apartment	NaturalGas Use		4.24	36.20	15.40	0.23		2.93	2.93		2.93	2.93		46,214.54	46,214.54	0.89	0.85	46,489.17
RE	2027	Condo/Tov	NaturalGas Use		4.03	34.48	14.67	0.22		2.79	2.79		2.79	2.79		44,012.13	44,012.13	0.84	0.81	44,273.67
RE	2027	Condo/Tov	NaturalGas Use		1.40	11.94	5.08	0.08		0.97	0.97		0.97	0.97		15,240.93	15,240.93	0.29	0.28	15,331.50
RE	2027	General He	NaturalGas Use		1.17	10.63	8.93	0.06		0.81	0.81		0.81	0.81		12,759.49	12,759.49	0.24	0.23	12,835.31
RE	2027	General Lig	NaturalGas Use		1.80	16.40	13.78	0.10		1.25	1.25		1.25	1.25		19,683.03	19,683.03	0.38	0.36	19,800.00
RE	2027	General Of	NaturalGas Use		4.06	36.89	30.98	0.22		2.80	2.80		2.80	2.80		44,263.35	44,263.35	0.85	0.81	44,526.39
RE	2027	Governmer	NaturalGas Use		0.93	8.43	7.08	0.05		0.64	0.64		0.64	0.64		10,114.93	10,114.93	0.19	0.19	10,175.04
RE	2027	Hospital	NaturalGas Use		3.87	35.14	29.52	0.21		2.67	2.67		2.67	2.67		42,172.00	42,172.00	0.81	0.77	42,422.60
RE	2027	Hotel	NaturalGas Use		0.42	3.83	3.22	0.02		0.29	0.29		0.29	0.29		4,600.00	4,600.00	0.09	0.08	4,627.33
RE	2027	Industrial P	NaturalGas Use		1.74	15.79	13.26	0.09		1.20	1.20		1.20	1.20		18,944.55	18,944.55	0.36	0.35	19,057.13
RE	2027	Junior High	NaturalGas Use		0.47	4.27	3.59	0.03		0.32	0.32		0.32	0.32		5,122.42	5,122.42	0.10	0.09	5,152.86
RE	2027	Medical Of	NaturalGas Use		2.82	25.68	21.57	0.15		1.95	1.95		1.95	1.95		30,814.12	30,814.12	0.59	0.56	30,997.24
RE	2027	Mobile Hor	NaturalGas Use		0.13	1.13	0.48	0.01		0.09	0.09		0.09	0.09		1,441.06	1,441.06	0.03	0.03	1,449.62
RE	2027	Office Park	NaturalGas Use		0.01	0.07	0.06	0.00		0.00	0.00		0.00	0.00		78.63	78.63	0.00	0.00	79.10
RE	2027	Regional Sh	NaturalGas Use		2.19	19.94	16.75	0.12		1.52	1.52		1.52	1.52		23,924.68	23,924.68	0.46	0.44	24,066.86
RE	2027	Retirement	NaturalGas Use		0.55	4.68	1.99	0.03		0.38	0.38		0.38	0.38		5,972.34	5,972.34	0.11	0.11	6,007.83
RE	2027	Single Fami	NaturalGas Use		31.79	271.70	115.62	1.73		21.97	21.97		21.97	21.97		346,850.46	346,850.46	6.65	6.36	348,911.62
RE	2027	Strip Mall	NaturalGas Use		3.18	28.86	24.25	0.17		2.19	2.19		2.19	2.19		34,635.84	34,635.84	0.66	0.64	34,841.66
RE	2027	All	Area Source	Architectur	402.08					-	-		-	-			-			-
RE	2027	All	Area Source	Consumer	2,725.55					-	-		-	-			-			-
RE	2027	All	Area Source	Hearth	-	-	-	-		-	-		-	-	-	-	-	-	-	-
RE	2027	All	Area Source	Landscapin	150.36	57.58	4,999.78	0.26		27.73	27.73		27.73	27.73		9,012.55	9,012.55	8.64		9,228.66
RE	2035	Apartment	NaturalGas Use		0.90	7.68	3.27	0.05		0.62	0.62		0.62	0.62		9,798.07	9,798.07	0.19	0.18	9,856.29
RE	2035	Apartment	NaturalGas Use		0.27	2.34	1.00	0.02		0.19	0.19		0.19	0.19		2,992.15	2,992.15	0.06	0.05	3,009.93
RE	2035	Apartment	NaturalGas Use		4.58	39.13	16.65	0.25		3.16	3.16		3.16	3.16		49,958.40	49,958.40	0.96	0.92	50,255.28
RE	2035	Condo/Tov	NaturalGas Use		4.04	34.50	14.68	0.22		2.79	2.79		2.79	2.79		44,045.52	44,045.52	0.84	0.81	44,307.26
RE	2035	Condo/Tov	NaturalGas Use		1.40	11.94	5.08	0.08		0.97	0.97		0.97	0.97		15,243.98	15,243.98	0.29	0.28	15,334.57
RE	2035	General He	NaturalGas Use		1.34	12.20	10.25	0.07		0.93	0.93		0.93	0.93		14,640.36	14,640.36	0.28	0.27	14,727.36
RE	2035	General Lig	NaturalGas Use		2.02	18.40	15.45	0.11		1.40	1.40		1.40	1.40		22,077.33	22,077.33	0.42	0.40	22,208.53
RE	2035	General Of	NaturalGas Use		4.54	41.24	34.64	0.25		3.13	3.13		3.13	3.13		49,491.52	49,491.52	0.95	0.91	49,785.63
RE	2035	Governmer	NaturalGas Use		1.04	9.44	7.93	0.06		0.72	0.72		0.72	0.72		11,323.14	11,323.14	0.22	0.21	11,390.43
RE	2035	Hospital	NaturalGas Use		3.98	36.15	30.37	0.22		2.75	2.75		2.75	2.75		43,383.28	43,383.28	0.83	0.80	43,641.09
RE	2035	Hotel	NaturalGas Use		0.42	3.83	3.22	0.02		0.29	0.29		0.29	0.29		4,599.97	4,599.97	0.09	0.08	4,627.30
RE	2035	Industrial P	NaturalGas Use		1.79	16.28	13.68	0.10		1.24	1.24		1.24	1.24		19,537.87	19,537.87	0.37	0.36	19,653.98
RE	2035	Junior High	NaturalGas Use		0.51	4.63	3.89	0.03		0.35	0.35		0.35	0.35		5,555.57	5,555.57	0.11	0.10	5,588.58
RE	2035	Medical Of	NaturalGas Use		2.85	25.87	21.73	0.16		1.97	1.97		1.97	1.97		31,044.44	31,044.44	0.60	0.57	31,228.92
RE	2035	Mobile Hor	NaturalGas Use		0.13	1.13	0.48	0.01		0.09	0.09		0.09	0.09		1,441.06	1,441.06	0.03	0.03	1,449.62
RE	2035	Office Park	NaturalGas Use		0.01	0.09	0.08	0.00		0.01	0.01		0.01	0.01		112.65	112.65	0.00	0.00	113.32
RE	2035	Regional Sh	NaturalGas Use		2.20	20.02	16.82	0.12		1.52	1.52		1.52	1.52		24,024.12	24,024.12	0.46	0.44	24,166.89
RE	2035	Retirement	NaturalGas Use		0.55	4.68	1.99	0.03		0.38	0.38		0.38	0.38		5,972.34	5,972.34	0.11	0.11	6,007.83
RE	2035	Single Fami	NaturalGas Use		32.06	273.99	116.59	1.75		22.15	22.15		22.15	22.15		349,777.74	349,777.74	6.70	6.41	351,856.30

					Emissions per Land Use Unit															
					lb/day										lb/day					
Utility Service Area	Year	Land Use	Emissions Category	Emissions Sub-Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
RE	2035	Strip Mall	NaturalGas Use		3.33	30.25	25.41	0.18		2.30	2.30		2.30	2.30		36,302.48	36,302.48	0.70	0.67	36,518.21
RE	2035	All	Area Source	Architectur	414.53					-	-		-	-			-			-
RE	2035	All	Area Source	Consumer	2,817.23					-	-		-	-			-			-
RE	2035	All	Area Source	Hearth	-	-	-	-		-	-		-	-	-	-	-	-	-	-
RE	2035	All	Area Source	Landscapin	153.14	58.98	5,113.16	0.27		28.45	28.45		28.45	28.45		9,240.72	9,240.72	8.81		9,461.01
RE	2040	Apartment	NaturalGas Use		0.91	7.76	3.30	0.05		0.63	0.63		0.63	0.63		9,909.45	9,909.45	0.19	0.18	9,968.33
RE	2040	Apartment	NaturalGas Use		0.40	3.44	1.47	0.02		0.28	0.28		0.28	0.28		4,397.64	4,397.64	0.08	0.08	4,423.77
RE	2040	Apartment	NaturalGas Use		4.68	39.99	17.02	0.26		3.23	3.23		3.23	3.23		51,050.09	51,050.09	0.98	0.94	51,353.45
RE	2040	Condo/Tov	NaturalGas Use		4.04	34.49	14.68	0.22		2.79	2.79		2.79	2.79		44,033.59	44,033.59	0.84	0.81	44,295.26
RE	2040	Condo/Tov	NaturalGas Use		1.40	11.94	5.08	0.08		0.97	0.97		0.97	0.97		15,242.14	15,242.14	0.29	0.28	15,332.72
RE	2040	General He	NaturalGas Use		1.52	13.86	11.64	0.08		1.05	1.05		1.05	1.05		16,626.19	16,626.19	0.32	0.30	16,724.99
RE	2040	General Lig	NaturalGas Use		2.01	18.23	15.32	0.11		1.39	1.39		1.39	1.39		21,881.22	21,881.22	0.42	0.40	22,011.25
RE	2040	General Of	NaturalGas Use		4.37	39.77	33.41	0.24		3.02	3.02		3.02	3.02		47,725.72	47,725.72	0.91	0.88	48,009.33
RE	2040	Governmer	NaturalGas Use		1.00	9.06	7.61	0.05		0.69	0.69		0.69	0.69		10,871.42	10,871.42	0.21	0.20	10,936.02
RE	2040	Hospital	NaturalGas Use		3.95	35.92	30.17	0.22		2.73	2.73		2.73	2.73		43,098.03	43,098.03	0.83	0.79	43,354.14
RE	2040	Hotel	NaturalGas Use		0.42	3.83	3.22	0.02		0.29	0.29		0.29	0.29		4,599.97	4,599.97	0.09	0.08	4,627.30
RE	2040	Industrial P	NaturalGas Use		1.77	16.12	13.54	0.10		1.22	1.22		1.22	1.22		19,339.31	19,339.31	0.37	0.35	19,454.24
RE	2040	Junior High	NaturalGas Use		0.51	4.65	3.91	0.03		0.35	0.35		0.35	0.35		5,580.16	5,580.16	0.11	0.10	5,613.32
RE	2040	Medical Of	NaturalGas Use		2.85	25.90	21.76	0.16		1.97	1.97		1.97	1.97		31,083.41	31,083.41	0.60	0.57	31,268.13
RE	2040	Mobile Hor	NaturalGas Use		0.13	1.13	0.48	0.01		0.09	0.09		0.09	0.09		1,441.06	1,441.06	0.03	0.03	1,449.62
RE	2040	Office Park	NaturalGas Use		0.01	0.10	0.09	0.00		0.01	0.01		0.01	0.01		124.61	124.61	0.00	0.00	125.35
RE	2040	Regional Sh	NaturalGas Use		2.29	20.78	17.45	0.12		1.58	1.58		1.58	1.58		24,933.60	24,933.60	0.48	0.46	25,081.77
RE	2040	Retirement	NaturalGas Use		0.55	4.68	1.99	0.03		0.38	0.38		0.38	0.38		5,972.34	5,972.34	0.11	0.11	6,007.83
RE	2040	Single Fami	NaturalGas Use		32.25	275.63	117.29	1.76		22.28	22.28		22.28	22.28		351,862.04	351,862.04	6.74	6.45	353,952.98
RE	2040	Strip Mall	NaturalGas Use		3.41	30.99	26.03	0.19		2.36	2.36		2.36	2.36		37,191.91	37,191.91	0.71	0.68	37,412.92
RE	2040	All	Area Source	Architectur	424.70					-	-		-	-			-			-
RE	2040	All	Area Source	Consumer	2,890.81					-	-		-	-			-			-
RE	2040	All	Area Source	Hearth	-	-	-	-		-	-		-	-	-	-	-	-	-	-
RE	2040	All	Area Source	Landscapin	156.34	60.22	5,218.23	0.28		29.06	29.06		29.06	29.06		9,438.96	9,438.96	9.00		9,663.95
SMUD	2016	Apartment	NaturalGas Use		13.75	117.49	50.00	0.75		9.50	9.50		9.50	9.50		149,992.20	149,992.20	2.87	2.75	150,883.53
SMUD	2016	Apartment	NaturalGas Use		0.07	0.57	0.24	0.00		0.05	0.05		0.05	0.05		733.30	733.30	0.01	0.01	737.66
SMUD	2016	Apartment	NaturalGas Use		40.85	349.09	148.55	2.23		28.22	28.22		28.22	28.22		445,648.05	445,648.05	8.54	8.17	448,296.32
SMUD	2016	City Park	NaturalGas Use		-	-	-	-		-	-		-	-		-	-	-	-	-
SMUD	2016	Condo/Tov	NaturalGas Use		33.74	288.35	122.70	1.84		23.31	23.31		23.31	23.31		368,112.38	368,112.38	7.06	6.75	370,299.89
SMUD	2016	Condo/Tov	NaturalGas Use		8.68	74.19	31.57	0.47		6.00	6.00		6.00	6.00		94,709.91	94,709.91	1.82	1.74	95,272.73
SMUD	2016	General He	NaturalGas Use		23.78	216.18	181.59	1.30		16.43	16.43		16.43	16.43		259,419.35	259,419.35	4.97	4.76	260,960.95
SMUD	2016	General Lig	NaturalGas Use		36.93	335.70	281.99	2.01		25.51	25.51		25.51	25.51		402,841.77	402,841.77	7.72	7.39	405,235.65
SMUD	2016	General Of	NaturalGas Use		38.41	349.15	293.28	2.09		26.54	26.54		26.54	26.54		418,978.39	418,978.39	8.03	7.68	421,468.17
SMUD	2016	Governmer	NaturalGas Use		7.06	64.17	53.90	0.39		4.88	4.88		4.88	4.88		77,000.90	77,000.90	1.48	1.41	77,458.47
SMUD	2016	Hospital	NaturalGas Use		28.51	259.15	217.69	1.55		19.70	19.70		19.70	19.70		310,982.23	310,982.23	5.96	5.70	312,830.24
SMUD	2016	Hotel	NaturalGas Use		5.08	46.15	38.76	0.28		3.51	3.51		3.51	3.51		55,377.97	55,377.97	1.06	1.02	55,707.05
SMUD	2016	Industrial P	NaturalGas Use		2.03	18.41	15.47	0.11		1.40	1.40		1.40	1.40		22,095.72	22,095.72	0.42	0.41	22,227.02
SMUD	2016	Junior High	NaturalGas Use		6.32	57.48	48.29	0.34		4.37	4.37		4.37	4.37		68,979.96	68,979.96	1.32	1.26	69,389.87
SMUD	2016	Medical Of	NaturalGas Use		1.42	12.87	10.81	0.08		0.98	0.98		0.98	0.98		15,448.86	15,448.86	0.30	0.28	15,540.66
SMUD	2016	Mobile Hor	NaturalGas Use		2.92	24.91	10.60	0.16		2.01	2.01		2.01	2.01		31,802.74	31,802.74	0.61	0.58	31,991.73
SMUD	2016	Regional Sh	NaturalGas Use		2.91	26.50	22.26	0.16		2.01	2.01		2.01	2.01		31,795.54	31,795.54	0.61	0.58	31,984.48
SMUD	2016	Retirement	NaturalGas Use		7.24	61.88	26.33	0.40		5.00	5.00		5.00	5.00		78,995.14	78,995.14	1.51	1.45	79,464.57
SMUD	2016	Single Fami	NaturalGas Use		321.06	2,743.58	1,167.48	17.51		221.82	221.82		221.82	221.82		3,502,441.84	3,502,441.84	67.13	64.21	3,523,255.10
SMUD	2016	Strip Mall	NaturalGas Use		11.41	103.74	87.14	0.62		7.88	7.88		7.88	7.88		124,483.44	124,483.44	2.39	2.28	125,223.18
SMUD	2016	University/	NaturalGas Use		7.23	65.71	55.20	0.39		4.99	4.99		4.99	4.99		78,855.87	78,855.87	1.51	1.45	79,324.47
SMUD	2016	All	Area Source	Architectur	4,823.26					-	-		-	-			-			-
SMUD	2016	All	Area Source	Consumer	28,847.96					-	-		-	-			-			-
SMUD	2016	All	Area Source	Hearth	-	-	-	-		-	-		-	-	-	-	-	-	-	-
SMUD	2016	All	Area Source	Landscapin	1,501.97	557.24	47,632.02	2.48		256.91	256.91		256.91	256.91		84,596.98	84,596.98	86.32		86,754.98

					Emissions per Land Use Unit															
					lb/day										lb/day					
Utility Service Area	Year	Land Use	Emissions Category	Emissions Sub-Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SMUD	2027	Apartment	NaturalGas Use		20.36	174.02	74.05	1.11		14.07	14.07		14.07	14.07		222,149.92	222,149.92	4.26	4.07	223,470.04
SMUD	2027	Apartment	NaturalGas Use		0.78	6.70	2.85	0.04		0.54	0.54		0.54	0.54		8,555.61	8,555.61	0.16	0.16	8,606.45
SMUD	2027	Apartment	NaturalGas Use		53.49	457.10	194.51	2.92		36.96	36.96		36.96	36.96		583,534.12	583,534.12	11.18	10.70	587,001.77
SMUD	2027	City Park	NaturalGas Use		-	-	-	-		-	-		-	-		-	-	-	-	-
SMUD	2027	Condo/Tov	NaturalGas Use		33.36	285.07	121.30	1.82		23.05	23.05		23.05	23.05		363,913.15	363,913.15	6.98	6.67	366,075.71
SMUD	2027	Condo/Tov	NaturalGas Use		8.58	73.33	31.20	0.47		5.93	5.93		5.93	5.93		93,608.78	93,608.78	1.79	1.72	94,165.05
SMUD	2027	General He	NaturalGas Use		23.85	216.77	182.09	1.30		16.47	16.47		16.47	16.47		260,129.30	260,129.30	4.99	4.77	261,675.12
SMUD	2027	General Lig	NaturalGas Use		40.10	364.51	306.19	2.19		27.70	27.70		27.70	27.70		437,407.07	437,407.07	8.38	8.02	440,006.36
SMUD	2027	General Of	NaturalGas Use		40.46	367.81	308.96	2.21		27.95	27.95		27.95	27.95		441,370.18	441,370.18	8.46	8.09	443,993.03
SMUD	2027	Governmer	NaturalGas Use		7.30	66.38	55.76	0.40		5.05	5.05		5.05	5.05		79,657.26	79,657.26	1.53	1.46	80,130.62
SMUD	2027	Hospital	NaturalGas Use		31.01	281.93	236.82	1.69		21.43	21.43		21.43	21.43		338,316.24	338,316.24	6.48	6.20	340,326.68
SMUD	2027	Hotel	NaturalGas Use		4.90	44.57	37.44	0.27		3.39	3.39		3.39	3.39		53,488.49	53,488.49	1.03	0.98	53,806.35
SMUD	2027	Industrial P	NaturalGas Use		2.61	23.76	19.96	0.14		1.81	1.81		1.81	1.81		28,509.87	28,509.87	0.55	0.52	28,679.29
SMUD	2027	Junior High	NaturalGas Use		6.85	62.30	52.33	0.37		4.73	4.73		4.73	4.73		74,760.48	74,760.48	1.43	1.37	75,204.74
SMUD	2027	Medical Of	NaturalGas Use		1.53	13.88	11.66	0.08		1.05	1.05		1.05	1.05		16,655.08	16,655.08	0.32	0.31	16,754.05
SMUD	2027	Mobile Hor	NaturalGas Use		3.13	26.78	11.39	0.17		2.16	2.16		2.16	2.16		34,182.60	34,182.60	0.66	0.63	34,385.73
SMUD	2027	Office Park	NaturalGas Use		0.96	8.73	7.33	0.05		0.66	0.66		0.66	0.66		10,470.81	10,470.81	0.20	0.19	10,533.03
SMUD	2027	Regional Sh	NaturalGas Use		2.96	26.88	22.58	0.16		2.04	2.04		2.04	2.04		32,258.06	32,258.06	0.62	0.59	32,449.76
SMUD	2027	Retirement	NaturalGas Use		7.16	61.18	26.03	0.39		4.95	4.95		4.95	4.95		78,101.58	78,101.58	1.50	1.43	78,565.70
SMUD	2027	Single Fami	NaturalGas Use		300.59	2,568.64	1,093.04	16.40		207.68	207.68		207.68	207.68		3,279,118.91	3,279,118.91	62.85	60.12	3,298,605.08
SMUD	2027	Strip Mall	NaturalGas Use		24.64	224.04	188.19	1.34		17.03	17.03		17.03	17.03		268,844.84	268,844.84	5.15	4.93	270,442.45
SMUD	2027	University/	NaturalGas Use		7.93	72.11	60.57	0.43		5.48	5.48		5.48	5.48		86,529.37	86,529.37	1.66	1.59	87,043.57
SMUD	2027	All	Area Source	Architectur	3,836.60					-	-		-	-			-			-
SMUD	2027	All	Area Source	Consumer	25,622.18					-	-		-	-			-			-
SMUD	2027	All	Area Source	Hearth	-	-	-	-		-	-		-	-	-	-	-	-	-	-
SMUD	2027	All	Area Source	Landscapin	1,577.40	604.34	52,472.14	2.77		291.09	291.09		291.09	291.09		94,582.14	94,582.14	90.68		96,849.25
SMUD	2035	Apartment	NaturalGas Use		23.49	200.76	85.43	1.28		16.23	16.23		16.23	16.23		256,295.38	256,295.38	4.91	4.70	257,818.41
SMUD	2035	Apartment	NaturalGas Use		1.54	13.16	5.60	0.08		1.06	1.06		1.06	1.06		16,803.62	16,803.62	0.32	0.31	16,903.47
SMUD	2035	Apartment	NaturalGas Use		64.85	554.17	235.82	3.54		44.81	44.81		44.81	44.81		707,446.75	707,446.75	13.56	12.97	711,650.75
SMUD	2035	City Park	NaturalGas Use		-	-	-	-		-	-		-	-		-	-	-	-	-
SMUD	2035	Condo/Tov	NaturalGas Use		33.36	285.07	121.31	1.82		23.05	23.05		23.05	23.05		363,914.92	363,914.92	6.98	6.67	366,077.48
SMUD	2035	Condo/Tov	NaturalGas Use		8.58	73.33	31.20	0.47		5.93	5.93		5.93	5.93		93,608.78	93,608.78	1.79	1.72	94,165.05
SMUD	2035	General He	NaturalGas Use		23.91	217.39	182.61	1.30		16.52	16.52		16.52	16.52		260,866.39	260,866.39	5.00	4.78	262,416.59
SMUD	2035	General Lig	NaturalGas Use		42.26	384.19	322.72	2.31		29.20	29.20		29.20	29.20		461,023.20	461,023.20	8.84	8.45	463,762.83
SMUD	2035	General Of	NaturalGas Use		41.75	379.56	318.83	2.28		28.85	28.85		28.85	28.85		455,475.42	455,475.42	8.73	8.35	458,182.09
SMUD	2035	Governmer	NaturalGas Use		7.44	67.60	56.79	0.41		5.14	5.14		5.14	5.14		81,121.52	81,121.52	1.55	1.49	81,603.58
SMUD	2035	Hospital	NaturalGas Use		32.30	293.61	246.64	1.76		22.31	22.31		22.31	22.31		352,337.43	352,337.43	6.75	6.46	354,431.19
SMUD	2035	Hotel	NaturalGas Use		4.90	44.57	37.44	0.27		3.39	3.39		3.39	3.39		53,488.49	53,488.49	1.03	0.98	53,806.35
SMUD	2035	Industrial P	NaturalGas Use		2.94	26.76	22.48	0.16		2.03	2.03		2.03	2.03		32,113.69	32,113.69	0.62	0.59	32,304.53
SMUD	2035	Junior High	NaturalGas Use		7.27	66.11	55.53	0.40		5.02	5.02		5.02	5.02		79,335.04	79,335.04	1.52	1.45	79,806.48
SMUD	2035	Medical Of	NaturalGas Use		1.59	14.42	12.11	0.09		1.10	1.10		1.10	1.10		17,303.74	17,303.74	0.33	0.32	17,406.57
SMUD	2035	Mobile Hor	NaturalGas Use		3.13	26.78	11.39	0.17		2.16	2.16		2.16	2.16		34,182.60	34,182.60	0.66	0.63	34,385.73
SMUD	2035	Office Park	NaturalGas Use		1.41	12.84	10.79	0.08		0.98	0.98		0.98	0.98		15,412.87	15,412.87	0.30	0.28	15,504.46
SMUD	2035	Regional Sh	NaturalGas Use		3.03	27.51	23.11	0.17		2.09	2.09		2.09	2.09		33,015.38	33,015.38	0.63	0.61	33,211.58
SMUD	2035	Retirement	NaturalGas Use		7.16	61.18	26.03	0.39		4.95	4.95		4.95	4.95		78,101.58	78,101.58	1.50	1.43	78,565.70
SMUD	2035	Single Fami	NaturalGas Use		309.45	2,644.42	1,125.28	16.88		213.80	213.80		213.80	213.80		3,375,849.27	3,375,849.27	64.70	61.89	3,395,910.25
SMUD	2035	Strip Mall	NaturalGas Use		38.62	351.11	294.93	2.11		26.68	26.68		26.68	26.68		421,332.73	421,332.73	8.08	7.72	423,836.49
SMUD	2035	University/	NaturalGas Use		8.29	75.34	63.29	0.45		5.73	5.73		5.73	5.73		90,408.61	90,408.61	1.73	1.66	90,945.86
SMUD	2035	All	Area Source	Architectur	4,149.34					-	-		-	-			-			-
SMUD	2035	All	Area Source	Consumer	27,676.58					-	-		-	-			-			-
SMUD	2035	All	Area Source	Hearth	-	-	-	-		-	-		-	-	-	-	-	-	-	-
SMUD	2035	All	Area Source	Landscapin	1,733.19	667.90	57,898.50	3.07		322.14	322.14		322.14	322.14		104,631.71	104,631.71	99.72		107,124.70
SMUD	2040	Apartment	NaturalGas Use		23.49	200.76	85.43	1.28		16.23	16.23		16.23	16.23		256,295.38	256,295.38	4.91	4.70	257,818.41
SMUD	2040	Apartment	NaturalGas Use		1.54	13.16	5.60	0.08		1.06	1.06		1.06	1.06		16,803.62	16,803.62	0.32	0.31	16,903.47

					Emissions per Land Use Unit															
					lb/day										lb/day					
Utility Service Area	Year	Land Use	Emissions Category	Emissions Sub-Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SMUD	2040	Apartment	NaturalGas	Use	64.85	554.17	235.82	3.54		44.81	44.81		44.81	44.81		707,446.75	707,446.75	13.56	12.97	711,650.75
SMUD	2040	City Park	NaturalGas	Use	-	-	-	-		-	-		-	-		-	-	-	-	-
SMUD	2040	Condo/Tov	NaturalGas	Use	33.36	285.07	121.31	1.82		23.05	23.05		23.05	23.05		363,914.92	363,914.92	6.98	6.67	366,077.48
SMUD	2040	Condo/Tov	NaturalGas	Use	8.58	73.33	31.20	0.47		5.93	5.93		5.93	5.93		93,608.78	93,608.78	1.79	1.72	94,165.05
SMUD	2040	General He	NaturalGas	Use	23.91	217.39	182.61	1.30		16.52	16.52		16.52	16.52		260,866.39	260,866.39	5.00	4.78	262,416.59
SMUD	2040	General Lig	NaturalGas	Use	42.26	384.19	322.72	2.31		29.20	29.20		29.20	29.20		461,023.20	461,023.20	8.84	8.45	463,762.83
SMUD	2040	General Of	NaturalGas	Use	41.75	379.56	318.83	2.28		28.85	28.85		28.85	28.85		455,475.42	455,475.42	8.73	8.35	458,182.09
SMUD	2040	Governmer	NaturalGas	Use	7.44	67.60	56.79	0.41		5.14	5.14		5.14	5.14		81,121.52	81,121.52	1.55	1.49	81,603.58
SMUD	2040	Hospital	NaturalGas	Use	32.30	293.61	246.64	1.76		22.31	22.31		22.31	22.31		352,337.43	352,337.43	6.75	6.46	354,431.19
SMUD	2040	Hotel	NaturalGas	Use	4.90	44.57	37.44	0.27		3.39	3.39		3.39	3.39		53,488.49	53,488.49	1.03	0.98	53,806.35
SMUD	2040	Industrial P	NaturalGas	Use	2.94	26.76	22.48	0.16		2.03	2.03		2.03	2.03		32,113.69	32,113.69	0.62	0.59	32,304.53
SMUD	2040	Junior High	NaturalGas	Use	7.27	66.11	55.53	0.40		5.02	5.02		5.02	5.02		79,335.04	79,335.04	1.52	1.45	79,806.48
SMUD	2040	Medical Of	NaturalGas	Use	1.59	14.42	12.11	0.09		1.10	1.10		1.10	1.10		17,303.74	17,303.74	0.33	0.32	17,406.57
SMUD	2040	Mobile Hor	NaturalGas	Use	3.13	26.78	11.39	0.17		2.16	2.16		2.16	2.16		34,182.60	34,182.60	0.66	0.63	34,385.73
SMUD	2040	Office Park	NaturalGas	Use	1.41	12.84	10.79	0.08		0.98	0.98		0.98	0.98		15,412.87	15,412.87	0.30	0.28	15,504.46
SMUD	2040	Regional Sh	NaturalGas	Use	3.03	27.51	23.11	0.17		2.09	2.09		2.09	2.09		33,015.38	33,015.38	0.63	0.61	33,211.58
SMUD	2040	Retirement	NaturalGas	Use	7.16	61.18	26.03	0.39		4.95	4.95		4.95	4.95		78,101.58	78,101.58	1.50	1.43	78,565.70
SMUD	2040	Single Fami	NaturalGas	Use	309.45	2,644.42	1,125.28	16.88		213.80	213.80		213.80	213.80		3,375,849.27	3,375,849.27	64.70	61.89	3,395,910.25
SMUD	2040	Strip Mall	NaturalGas	Use	38.62	351.11	294.93	2.11		26.68	26.68		26.68	26.68		421,332.73	421,332.73	8.08	7.72	423,836.49
SMUD	2040	University/	NaturalGas	Use	8.29	75.34	63.29	0.45		5.73	5.73		5.73	5.73		90,408.61	90,408.61	1.73	1.66	90,945.86
SMUD	2040	All	Area Source	Architectur	4,149.34					-	-		-	-			-			-
SMUD	2040	All	Area Source	Consumer	27,676.58					-	-		-	-			-			-
SMUD	2040	All	Area Source	Hearth	-	-	-	-		-	-		-	-	-	-	-	-	-	-
SMUD	2040	All	Area Source	Landscapin	1,732.21	667.63	57,847.49	3.07		322.14	322.14		322.14	322.14		104,631.71	104,631.71	99.71		107,124.43
VCE	2016	Apartment	NaturalGas	Use	1.95	16.67	7.09	0.11		1.35	1.35		1.35	1.35		21,283.97	21,283.97	0.41	0.39	21,410.45
VCE	2016	Apartment	NaturalGas	Use	0.07	0.59	0.25	0.00		0.05	0.05		0.05	0.05		747.22	747.22	0.01	0.01	751.66
VCE	2016	Apartment	NaturalGas	Use	4.81	41.08	17.48	0.26		3.32	3.32		3.32	3.32		52,448.07	52,448.07	1.01	0.96	52,759.75
VCE	2016	City Park	NaturalGas	Use	-	-	-	-		-	-		-	-		-	-	-	-	-
VCE	2016	Condo/Tov	NaturalGas	Use	2.39	20.41	8.69	0.13		1.65	1.65		1.65	1.65		26,058.39	26,058.39	0.50	0.48	26,213.24
VCE	2016	Condo/Tov	NaturalGas	Use	0.66	5.60	2.38	0.04		0.45	0.45		0.45	0.45		7,154.02	7,154.02	0.14	0.13	7,196.53
VCE	2016	General He	NaturalGas	Use	2.36	21.48	18.05	0.13		1.63	1.63		1.63	1.63		25,781.38	25,781.38	0.49	0.47	25,934.58
VCE	2016	General Lig	NaturalGas	Use	1.53	13.90	11.68	0.08		1.06	1.06		1.06	1.06		16,685.92	16,685.92	0.32	0.31	16,785.08
VCE	2016	General Of	NaturalGas	Use	1.93	17.50	14.70	0.11		1.33	1.33		1.33	1.33		21,001.93	21,001.93	0.40	0.39	21,126.73
VCE	2016	Governmer	NaturalGas	Use	1.73	15.77	13.24	0.09		1.20	1.20		1.20	1.20		18,918.73	18,918.73	0.36	0.35	19,031.16
VCE	2016	Hospital	NaturalGas	Use	2.03	18.49	15.53	0.11		1.41	1.41		1.41	1.41		22,185.06	22,185.06	0.43	0.41	22,316.90
VCE	2016	Hotel	NaturalGas	Use	0.13	1.22	1.03	0.01		0.09	0.09		0.09	0.09		1,467.17	1,467.17	0.03	0.03	1,475.89
VCE	2016	Industrial P	NaturalGas	Use	0.17	1.53	1.28	0.01		0.12	0.12		0.12	0.12		1,832.00	1,832.00	0.04	0.03	1,842.88
VCE	2016	Junior High	NaturalGas	Use	0.50	4.51	3.79	0.03		0.34	0.34		0.34	0.34		5,416.03	5,416.03	0.10	0.10	5,448.22
VCE	2016	Medical Of	NaturalGas	Use	0.52	4.76	4.00	0.03		0.36	0.36		0.36	0.36		5,716.17	5,716.17	0.11	0.10	5,750.14
VCE	2016	Mobile Hor	NaturalGas	Use	0.34	2.87	1.22	0.02		0.23	0.23		0.23	0.23		3,657.45	3,657.45	0.07	0.07	3,679.19
VCE	2016	Regional Sh	NaturalGas	Use	0.78	7.06	5.93	0.04		0.54	0.54		0.54	0.54		8,471.27	8,471.27	0.16	0.16	8,521.61
VCE	2016	Retirement	NaturalGas	Use	0.63	5.37	2.28	0.03		0.43	0.43		0.43	0.43		6,853.12	6,853.12	0.13	0.13	6,893.84
VCE	2016	Single Fami	NaturalGas	Use	27.78	237.36	101.00	1.52		19.19	19.19		19.19	19.19		303,010.29	303,010.29	5.81	5.56	304,810.93
VCE	2016	Strip Mall	NaturalGas	Use	5.53	50.23	42.19	0.30		3.82	3.82		3.82	3.82		60,275.22	60,275.22	1.16	1.11	60,633.41
VCE	2016	University/	NaturalGas	Use	14.01	127.34	106.97	0.76		9.68	9.68		9.68	9.68		152,809.96	152,809.96	2.93	2.80	153,718.04
VCE	2016	All	Area Source	Architectur	391.66					-	-		-	-			-			-
VCE	2016	All	Area Source	Consumer	2,370.17					-	-		-	-			-			-
VCE	2016	All	Area Source	Hearth	-	-	-	-		-	-		-	-	-	-	-	-	-	-
VCE	2016	All	Area Source	Landscapin	146.17	54.20	4,632.80	0.24		24.99	24.99		24.99	24.99		8,228.51	8,228.51	8.40		8,438.54
VCE	2027	Apartment	NaturalGas	Use	3.01	25.71	10.94	0.16		2.08	2.08		2.08	2.08		32,825.78	32,825.78	0.63	0.60	33,020.85
VCE	2027	Apartment	NaturalGas	Use	0.19	1.61	0.68	0.01		0.13	0.13		0.13	0.13		2,053.12	2,053.12	0.04	0.04	2,065.32
VCE	2027	Apartment	NaturalGas	Use	5.98	51.11	21.75	0.33		4.13	4.13		4.13	4.13		65,244.12	65,244.12	1.25	1.20	65,631.83
VCE	2027	City Park	NaturalGas	Use	-	-	-	-		-	-		-	-		-	-	-	-	-
VCE	2027	Condo/Tov	NaturalGas	Use	2.36	20.18	8.59	0.13		1.63	1.63		1.63	1.63		25,755.29	25,755.29	0.49	0.47	25,908.34

					Emissions per Land Use Unit															
					lb/day										lb/day					
Utility Service Area	Year	Land Use	Emissions Category	Emissions Sub-Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
VCE	2027	Condo/Tov	NaturalGas	Use	0.65	5.53	2.35	0.04		0.45	0.45		0.45	0.45		7,064.15	7,064.15	0.14	0.13	7,106.13
VCE	2027	General He	NaturalGas	Use	2.49	22.61	18.99	0.14		1.72	1.72		1.72	1.72		27,132.96	27,132.96	0.52	0.50	27,294.19
VCE	2027	General Lig	NaturalGas	Use	1.97	17.92	15.05	0.11		1.36	1.36		1.36	1.36		21,498.25	21,498.25	0.41	0.39	21,626.00
VCE	2027	General Of	NaturalGas	Use	2.00	18.19	15.28	0.11		1.38	1.38		1.38	1.38		21,823.21	21,823.21	0.42	0.40	21,952.89
VCE	2027	Governmer	NaturalGas	Use	1.79	16.31	13.70	0.10		1.24	1.24		1.24	1.24		19,570.60	19,570.60	0.38	0.36	19,686.90
VCE	2027	Hospital	NaturalGas	Use	2.09	18.96	15.93	0.11		1.44	1.44		1.44	1.44		22,752.74	22,752.74	0.44	0.42	22,887.95
VCE	2027	Hotel	NaturalGas	Use	0.13	1.22	1.03	0.01		0.09	0.09		0.09	0.09		1,467.17	1,467.17	0.03	0.03	1,475.89
VCE	2027	Industrial P	NaturalGas	Use	0.20	1.83	1.54	0.01		0.14	0.14		0.14	0.14		2,194.17	2,194.17	0.04	0.04	2,207.21
VCE	2027	Junior High	NaturalGas	Use	0.55	5.04	4.23	0.03		0.38	0.38		0.38	0.38		6,047.27	6,047.27	0.12	0.11	6,083.21
VCE	2027	Medical Of	NaturalGas	Use	0.53	4.82	4.05	0.03		0.37	0.37		0.37	0.37		5,789.41	5,789.41	0.11	0.11	5,823.81
VCE	2027	Mobile Hor	NaturalGas	Use	0.36	3.08	1.31	0.02		0.25	0.25		0.25	0.25		3,931.15	3,931.15	0.08	0.07	3,954.51
VCE	2027	Office Park	NaturalGas	Use	0.01	0.10	0.08	0.00		0.01	0.01		0.01	0.01		116.92	116.92	0.00	0.00	117.61
VCE	2027	Regional Sh	NaturalGas	Use	0.78	7.07	5.94	0.04		0.54	0.54		0.54	0.54		8,483.56	8,483.56	0.16	0.16	8,533.98
VCE	2027	Retirement	NaturalGas	Use	0.62	5.31	2.26	0.03		0.43	0.43		0.43	0.43		6,775.60	6,775.60	0.13	0.12	6,815.86
VCE	2027	Single Fami	NaturalGas	Use	26.58	227.14	96.66	1.45		18.36	18.36		18.36	18.36		289,968.44	289,968.44	5.56	5.32	291,691.58
VCE	2027	Strip Mall	NaturalGas	Use	5.61	51.00	42.84	0.31		3.88	3.88		3.88	3.88		61,196.60	61,196.60	1.17	1.12	61,560.26
VCE	2027	University/	NaturalGas	Use	14.72	133.81	112.40	0.80		10.17	10.17		10.17	10.17		160,566.63	160,566.63	3.08	2.94	161,520.80
VCE	2027	All	Area Source	Architectur	392.10					-	-		-	-			-			-
VCE	2027	All	Area Source	Consumer	2,659.00					-	-		-	-			-			-
VCE	2027	All	Area Source	Hearth	-	-	-	-		-	-		-	-	-	-	-	-	-	-
VCE	2027	All	Area Source	Landscapin	157.56	60.33	5,238.30	0.28		29.06	29.06		29.06	29.06		9,442.62	9,442.62	9.06		9,669.07
VCE	2035	Apartment	NaturalGas	Use	3.08	26.35	11.21	0.17		2.13	2.13		2.13	2.13		33,634.99	33,634.99	0.64	0.62	33,834.86
VCE	2035	Apartment	NaturalGas	Use	0.24	2.06	0.88	0.01		0.17	0.17		0.17	0.17		2,627.87	2,627.87	0.05	0.05	2,643.48
VCE	2035	Apartment	NaturalGas	Use	6.23	53.23	22.65	0.34		4.30	4.30		4.30	4.30		67,958.38	67,958.38	1.30	1.25	68,362.23
VCE	2035	City Park	NaturalGas	Use	-	-	-	-		-	-		-	-		-	-	-	-	-
VCE	2035	Condo/Tov	NaturalGas	Use	2.36	20.18	8.59	0.13		1.63	1.63		1.63	1.63		25,758.97	25,758.97	0.49	0.47	25,912.04
VCE	2035	Condo/Tov	NaturalGas	Use	0.65	5.53	2.35	0.04		0.45	0.45		0.45	0.45		7,064.15	7,064.15	0.14	0.13	7,106.13
VCE	2035	General He	NaturalGas	Use	2.57	23.36	19.62	0.14		1.78	1.78		1.78	1.78		28,035.31	28,035.31	0.54	0.51	28,201.91
VCE	2035	General Lig	NaturalGas	Use	2.23	20.29	17.05	0.12		1.54	1.54		1.54	1.54		24,351.01	24,351.01	0.47	0.45	24,495.71
VCE	2035	General Of	NaturalGas	Use	2.05	18.68	15.69	0.11		1.42	1.42		1.42	1.42		22,416.61	22,416.61	0.43	0.41	22,549.82
VCE	2035	Governmer	NaturalGas	Use	1.83	16.66	14.00	0.10		1.27	1.27		1.27	1.27		19,993.60	19,993.60	0.38	0.37	20,112.41
VCE	2035	Hospital	NaturalGas	Use	2.12	19.24	16.16	0.12		1.46	1.46		1.46	1.46		23,084.86	23,084.86	0.44	0.42	23,222.05
VCE	2035	Hotel	NaturalGas	Use	0.13	1.22	1.03	0.01		0.09	0.09		0.09	0.09		1,467.17	1,467.17	0.03	0.03	1,475.89
VCE	2035	Industrial P	NaturalGas	Use	0.22	2.01	1.69	0.01		0.15	0.15		0.15	0.15		2,409.50	2,409.50	0.05	0.04	2,423.82
VCE	2035	Junior High	NaturalGas	Use	0.58	5.29	4.45	0.03		0.40	0.40		0.40	0.40		6,351.31	6,351.31	0.12	0.12	6,389.05
VCE	2035	Medical Of	NaturalGas	Use	0.53	4.86	4.08	0.03		0.37	0.37		0.37	0.37		5,831.97	5,831.97	0.11	0.11	5,866.63
VCE	2035	Mobile Hor	NaturalGas	Use	0.36	3.08	1.31	0.02		0.25	0.25		0.25	0.25		3,931.15	3,931.15	0.08	0.07	3,954.51
VCE	2035	Office Park	NaturalGas	Use	0.01	0.12	0.10	0.00		0.01	0.01		0.01	0.01		148.67	148.67	0.00	0.00	149.55
VCE	2035	Regional Sh	NaturalGas	Use	0.78	7.08	5.94	0.04		0.54	0.54		0.54	0.54		8,491.22	8,491.22	0.16	0.16	8,541.68
VCE	2035	Retirement	NaturalGas	Use	0.62	5.31	2.26	0.03		0.43	0.43		0.43	0.43		6,775.60	6,775.60	0.13	0.12	6,815.86
VCE	2035	Single Fami	NaturalGas	Use	27.06	231.25	98.40	1.48		18.70	18.70		18.70	18.70		295,208.18	295,208.18	5.66	5.41	296,962.45
VCE	2035	Strip Mall	NaturalGas	Use	5.66	51.43	43.20	0.31		3.91	3.91		3.91	3.91		61,715.70	61,715.70	1.18	1.13	62,082.44
VCE	2035	University/	NaturalGas	Use	14.72	133.81	112.40	0.80		10.17	10.17		10.17	10.17		160,566.63	160,566.63	3.08	2.94	161,520.80
VCE	2035	All	Area Source	Architectur	404.62					-	-		-	-			-			-
VCE	2035	All	Area Source	Consumer	2,745.41					-	-		-	-			-			-
VCE	2035	All	Area Source	Hearth	-	-	-	-		-	-		-	-	-	-	-	-	-	-
VCE	2035	All	Area Source	Landscapin	161.45	62.18	5,390.16	0.29		29.99	29.99		29.99	29.99		9,741.40	9,741.40	9.29		9,973.64
VCE	2040	Apartment	NaturalGas	Use	3.08	26.35	11.21	0.17		2.13	2.13		2.13	2.13		33,634.99	33,634.99	0.64	0.62	33,834.86
VCE	2040	Apartment	NaturalGas	Use	0.24	2.09	0.89	0.01		0.17	0.17		0.17	0.17		2,666.36	2,666.36	0.05	0.05	2,682.21
VCE	2040	Apartment	NaturalGas	Use	6.47	55.32	23.54	0.35		4.47	4.47		4.47	4.47		70,627.00	70,627.00	1.35	1.29	71,046.70
VCE	2040	City Park	NaturalGas	Use	-	-	-	-		-	-		-	-		-	-	-	-	-
VCE	2040	Condo/Tov	NaturalGas	Use	2.38	20.36	8.66	0.13		1.65	1.65		1.65	1.65		25,988.90	25,988.90	0.50	0.48	26,143.34
VCE	2040	Condo/Tov	NaturalGas	Use	0.65	5.53	2.35	0.04		0.45	0.45		0.45	0.45		7,064.15	7,064.15	0.14	0.13	7,106.13
VCE	2040	General He	NaturalGas	Use	2.69	24.49	20.57	0.15		1.86	1.86		1.86	1.86		29,382.00	29,382.00	0.56	0.54	29,556.60

					Emissions per Land Use Unit															
					lb/day										lb/day					
Utility Service Area	Year	Land Use	Emissions Category	Emissions Sub-Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
VCE	2040	General Lig	NaturalGas Use		2.24	20.33	17.07	0.12		1.54	1.54		1.54	1.54		24,391.30	24,391.30	0.47	0.45	24,536.24
VCE	2040	General Of	NaturalGas Use		2.14	19.50	16.38	0.12		1.48	1.48		1.48	1.48		23,395.16	23,395.16	0.45	0.43	23,534.18
VCE	2040	Governme	NaturalGas Use		1.84	16.70	14.03	0.10		1.27	1.27		1.27	1.27		20,040.89	20,040.89	0.38	0.37	20,159.98
VCE	2040	Hospital	NaturalGas Use		2.12	19.24	16.16	0.12		1.46	1.46		1.46	1.46		23,084.86	23,084.86	0.44	0.42	23,222.05
VCE	2040	Hotel	NaturalGas Use		0.13	1.22	1.03	0.01		0.09	0.09		0.09	0.09		1,467.17	1,467.17	0.03	0.03	1,475.89
VCE	2040	Industrial P	NaturalGas Use		0.26	2.33	1.96	0.01		0.18	0.18		0.18	0.18		2,798.76	2,798.76	0.05	0.05	2,815.39
VCE	2040	Junior High	NaturalGas Use		0.59	5.38	4.52	0.03		0.41	0.41		0.41	0.41		6,451.37	6,451.37	0.12	0.12	6,489.71
VCE	2040	Medical Of	NaturalGas Use		0.53	4.86	4.08	0.03		0.37	0.37		0.37	0.37		5,831.97	5,831.97	0.11	0.11	5,866.63
VCE	2040	Mobile Hor	NaturalGas Use		0.36	3.08	1.31	0.02		0.25	0.25		0.25	0.25		3,931.15	3,931.15	0.08	0.07	3,954.51
VCE	2040	Office Park	NaturalGas Use		0.02	0.19	0.16	0.00		0.01	0.01		0.01	0.01		226.74	226.74	0.00	0.00	228.09
VCE	2040	Regional Sh	NaturalGas Use		0.78	7.10	5.96	0.04		0.54	0.54		0.54	0.54		8,519.10	8,519.10	0.16	0.16	8,569.73
VCE	2040	Retirement	NaturalGas Use		0.62	5.31	2.26	0.03		0.43	0.43		0.43	0.43		6,775.60	6,775.60	0.13	0.12	6,815.86
VCE	2040	Single Fami	NaturalGas Use		27.21	232.50	98.94	1.48		18.80	18.80		18.80	18.80		296,805.08	296,805.08	5.69	5.44	298,568.84
VCE	2040	Strip Mall	NaturalGas Use		5.69	51.72	43.45	0.31		3.93	3.93		3.93	3.93		62,068.13	62,068.13	1.19	1.14	62,436.97
VCE	2040	University/	NaturalGas Use		14.86	135.09	113.47	0.81		10.27	10.27		10.27	10.27		162,102.28	162,102.28	3.11	2.97	163,065.57
VCE	2040	All	Area Source	Architectur	412.27					-	-		-	-			-			-
VCE	2040	All	Area Source	Consumer	2,800.07					-	-		-	-			-			-
VCE	2040	All	Area Source	Hearth	-	-	-	-		-	-		-	-	-	-	-	-	-	-
VCE	2040	All	Area Source	Landscapin	164.19	63.24	5,479.74	0.29		30.51	30.51		30.51	30.51		9,912.04	9,912.04	9.45		10,148.32

Appendix BIO – 1

Species-Status Plant, Wildlife, and Fish Species in the Plan Area of the Proposed MTP/SCS

Special-Status Plants Identified as Having the Potential to Occur in the Plan Area of the Proposed MTP/SCS

Common and Scientific Names	Listing Status[1]				Geographic Distribution in California	Habitat Requirements	Blooming Period
	Federal	State	CRPR	Local			
Jepson's onion *Allium jepsonii*	-	-	1B.2	-	Sierra Nevada foothills in Butte, El Dorado, Placer, and Tuolumne Counties.	Serpentine or volcanic soils in chaparral, cismontane woodland, lower montane coniferous forest. 1,165 to 3,707 feet in elevation.	April-August
Three-bracted onion *Allium tribracteatum*	-	-	1B.2	-	Shasta and Plumas Counties; Sierra Nevada foothills in Sierra, Nevada, Placer, El Dorado, Amador, Calaveras, Tuolumne, and Mariposa Counties; San Benito, Kern, and Riverside Counties.	Chaparral, lower montane coniferous forest, upper montane coniferous forest. Volcanic slopes and ridges. 2,887 to 9,301 feet in elevation.	April-August
large-flowered fiddleneck *Amsinckia grandiflora*	FE	SE	1B.1	-	Napa, Alameda, Contra Costa, and San Joaquin Counties.	Cismontane woodland, valley and foothill grassland. Annual grassland in various soils. 902 to 1,804 feet in elevation.	April-May
Bent-flowered fiddleneck *Amsinckia lunaris*	-	-	1B.2	-	Inner North Coast Ranges, San Francisco Bay Area, western and central Great Valley.	Cismontane woodland, valley and foothill grassland, coastal bluff scrub. 10 to 2,608 feet in elevation.	March-June
Galena Creek rockcress *Arabis rigidissima* var. *demota*	-	-	1B.2	-	Known in California from two occurrences near Martis Peak, Placer County.	Broadleaved upland forest, upper montane coniferous forest. Well-drained, stony soil underlain by basic volcanic rock. 7,398 to 8,399 feet in elevation.	July-August
Ione manzanita *Arctostaphylos myrtifolia*	FT	-	1B.2	-	Amador, Calaveras, and Sacramento Counties.	Ione formation. Chaparral, cismontane woodland. On Ione clay with chaparral associates. Often comprises 50-80% cover. 295 to 1,837 feet in elevation.	November-March

Nissenan manzanita *Arctostaphylos nissenana*	-	-	1B.2	-	Sierra Nevada foothills in El Dorado and Tuolumne Counties.	Closed-cone coniferous forest, chaparral on rocky, dry ridges. 1,526 to 5,282 feet in elevation.	February-March
Threetip sagebrush *Artemisia tripartita* ssp. *tripartita*	-	-	2B.3	-	Sierra Nevada in Nevada, Placer, and Plumas Counties.	Upper montane coniferous forest on rocky, volcanic soils. 7,497 to 8,005 feet in elevation.	August
Austin's astragalus *Astragalus austiniae*	-	-	1B.3	-	Sierra Nevada in Alpine, El Dorado, Nevada, and Placer Counties.	Alpine boulder and rock field, subalpine coniferous forest. 8,005 to 9,728 feet in elevation.	July-September
Jepson's milk-vetch *Astragalus rattanii* var. *jepsonianus*	-	-	1B.2	-	Southern interior North Coast Range in Colusa, Glenn, Lake, Napa, Tehama, and Yolo Counties.	Cismontane woodland, valley and foothill grassland, chaparral. Commonly on serpentine soils. 574 to 3,297 feet in elevation.	March-June
Ferris' milk-vetch *Astragalus tener* var. *ferrisiae*	-	-	1B.1	-	Butte, Glenn, Colusa, and Yolo Counties.	Wetlands, meadows, seeps, and valley and foothill grassland. Usually seen in dry, adobe soil. 16 to 246 feet in elevation.	April-May
Alkali milk-vetch *Astragalus tener* var. *tener*	-	-	1B.2	-	Southern Sacramento Valley, northern San Joaquin Valley, and eastern portions of the San Francisco Bay Area.	Wetland, alkali playa, valley and foothill grassland, and vernal pools. 0 to 551 feet in elevation.	March-June
Heartscale *Atriplex cordulata* var. *cordulata*	-	-	1B.2	-	Western Central Valley and adjacent foothills.	Chenopod scrub, valley and foothill grassland, meadows, and seeps. Alkaline flats and scalds in the Central Valley, sandy soils. 10 to 902 feet in elevation.	April-October
Brittlescale *Atriplex depressa*	-	-	1B.2	-	Western and eastern Central Valley and adjacent foothills.	Alkali playa, wetland. chenopod scrub, meadows and seeps, playas, valley and foothill grassland, vernal pools. 3 to 1,066 feet in elevation.	April-October

Big-scale balsamroot *Balsamorhiza macrolepis*	-	-	1B.2	-	Coast Range and Sierra Nevada foothills.	Chaparral, valley and foothill grassland, and cismontane woodland. Sometimes on serpentine. 115 to 4,806 feet in elevation.	March-June
Tulare rockcress *Boechera tularensis*	-	-	1B.3	-	El Dorado, Fresno, Inyo, Mono, Mariposa, and Tulare Counties.	Rocky slopes in subalpine coniferous forest and upper montane coniferous forest. 5,988 to 11,007 feet in elevation.	June-July
Upswept moonwort *Botrychium ascendens*	-	-	2B.3	-	Southern Cascade Range; Butte, El Dorado, Mono, Modoc, Plumas, Shasta, Tehama, and Tulare Counties.	Lower montane coniferous forest, meadows and seeps. Grassy fields, coniferous woods near springs and creeks. 3,658 to 10,712 feet in elevation.	July-August
Scalloped moonwort *Botrychium crenulatum*	-	-	2B.2	-	California mountain ranges.	Wetland. Bogs and fens, meadows and seeps, upper montane coniferous forest, lower montane coniferous forest, marshes and swamps. Moist meadows, freshwater marsh, and near creeks. 3888 to 10203 feet in elevation.	June-September
Mingan moonwort *Botrychium minganense*	-	-	2B.2	-	Cascade Range; southern Sierra Nevada; Butte, Fresno, Modoc, Nevada, Placer, Plumas, San Bernardino, Shasta, Tehama, and Tulare Counties.	Wetlands in lower and upper montane coniferous forest, including bogs, fens, meadows, seeps, and creek banks. 3,904 to 10,810 feet in elevation.	July-September
Western goblin *Botrychium montanum*	-	-	2B.1	-	Cascade Range.	Meadows, seeps, and creek banks in lower and upper montane coniferous forest. 4,692 to 7,972 feet in elevation.	July-September
Watershield *Brasenia schreberi*	-	-	2B.3	-	Northern and central California.	Freshwater marshes and swamps. 98 to 7,218 feet in elevation.	June-September

Buxbaumia moss *Buxbaumia viridis*	-	-	2B.2	-	Del Norte, Humboldt, Trinity, Modoc, and Plumas Counties.	Lower and upper montane coniferous forest, and subalpine coniferous forest. Found on well-rotted logs and in peaty soil and humus. 3,199 to 7,218 feet in elevation.	
Pleasant Valley mariposa-lily *Calochortus clavatus* var. *avius*	-	-	1B.2	-	Northern and central Sierra Nevada foothills; Amador, Calaveras, El Dorado, and Mariposa Counties.	Lower montane coniferous forest on Josephine silt loam and volcanically derived soil. 984 to 5,610 feet in elevation.	May-July
Stebbins' morning-glory *Calystegia stebbinsii*	FE	SE	1B.1	-	Northern Sierra Nevada foothills; El Dorado and Nevada Counties.	Red clay soils, gabbro, or serpentine in chaparral and cismontane woodland. 984 to 2,379 feet in elevation.	April-July
Van Zuuk's morning-glory *Calystegia vanzuukiae*	-	-	1B.3	-	Central Sierra Nevada foothills; El Dorado and Placer Counties.	Gabbro and serpentine soils in chaparral and cismontane woodland. 1,640 to 3,871 feet in elevation.	May-August
Bristly sedge *Carex comosa*	-	-	2B.1	-	Modoc, Shasta, Mendocino, Lake, Sonoma, Yolo, Sacramento, San Joaquin, Santa Cruz, and Fresno Counties.	Marshes, swamps, lake margins, coastal prairie, and valley and foothill grassland. -16 to 5,315 feet in elevation.	May-September
Sierra arching sedge *Carex cyrtostachya*	-	-	1B.2	-	Plumas, Butte, Yuba, and El Dorado Counties.	Lower montane coniferous forest, riparian forest, marshes, swamps, meadows, and seeps. 1,985 to 4,560 feet in elevation.	May-August
Davy's sedge *Carex davyi*	-	-	1B.3	-	Northern and central Sierra Nevada in Alpine, Amador, Calaveras, El Dorado, Nevada, Placer, and Tuolumne Counties.	Subalpine coniferous forest and upper montane coniferous forest. 4,790 to 10,597 feet in elevation.	May-August
Porcupine sedge *Carex hystericina*			2B.1	-	Siskiyou, Trinity, Plumas, Lake, and El Dorado Counties.	Marshes, swamps, and stream edges. 1,985 to 3,150 feet in elevation.	May-June

Woolly-fruited sedge *Carex lasiocarpa*	-	-	2B.3	-	Cascade Range, Sierra Nevada; El Dorado, Lassen, Placer, Plumas, and Shasta Counties.	Bogs, fens, marshes, lake margins, and swamps. 1,969 to 6,398 feet in elevation.	June-July
Lagoon sedge *Carex lenticularis* var. *limnophila*	-	-	2B.2	-	North Coast Range in Del Norte, Humboldt, and Mendocino Counties.	Bogs, fens, marshes, and swamps in north coast coniferous forest. 0 to 20 feet in elevation.	June-August
Mud sedge *Carex limosa*	-	-	2B.2	-	Sierra Nevada; Butte, El Dorado, Fresno, Lassen, Nevada, Plumas, Siskiyou, and Tuolumne Counties.	Bogs, fens, meadows, seeps, marshes, lake margins, and swamps in lower and upper montane coniferous forest. 4,495 to 9,154 feet in elevation.	June-August
Northern meadow sedge *Carex praticola*	-	-	2B.2	-	North Coast and Sierra Nevada; Del Norte, Humboldt, Madera, Mono, Siskiyou, and Tuolumne Counties.	Wetland. Meadows and seeps. Moist to wet meadows. 49 to 10499 feet in elevation.	May-July
Sheldon's sedge *Carex sheldonii*	-	-	2B.2	-	Cascade Range and Sierra Nevada; Lassen, Modoc, Placer, and Plumas Counties.	Marshes, swamps, meadows, and riparian scrub in lower montane coniferous forest. 3,937 to 6,611 feet in elevation.	May-August
Chaparral sedge *Carex xerophila*	-	-	1B.2	-	Butte, Yuba, Nevada, and El Dorado Counties.	Chaparral, cismontane woodland, and lower montane coniferous forest on gabbro and serpentine soils. 902 to 2,526 feet in elevation.	March-June
succulent owl's-clover *Castilleja campestris* var. *succulenta*	FT	SE	1B.2	-	Solano, San Joaquin, Stanislaus, Tuolumne, Merced, Mariposa, Madera, and Fresno Counties.	Vernal pools, wetland. Moist places, often in acidic soils. 66 to 2,313 feet in elevation.	April-May
Pink creamsacs *Castilleja rubicundula* var. *rubicundula*	-	-	1B.2	-	Eastern San Joaquin Valley and adjacent foothills from Stanislaus County to Fresno County.	Chaparral, cismontane woodland, meadows, seeps, and valley and foothill grassland on serpentine soil. 66 to 3,002 feet in elevation.	April-June

Pine Hill ceanothus *Ceanothus roderickii*	FE	-	1B.1	-	El Dorado County.	Chaparral and cismontane woodland on gabbro or serpentine soil. 853 to 2,067 feet in elevation.	April-June
Pappose tarplant *Centromadia parryi* ssp. *parryi*	-	-	1B.2	-	Modoc, Butte, Glenn, Lake, Colusa, Sutter, Sonoma, Napa, Yolo, Solano, Sacramento, and Merced Counties; San Francisco Bay Area; central and southern California coastal areas.	Chaparral, coastal prairie, meadows, seeps, coastal salt marsh, and valley and foothill grassland. 7 to 1,378 feet in elevation.	May-November
Alpine dusty maidens *Chaenactis douglasii* var. *alpina*	-	-	2B.3	-	Sierra Nevada; Alpine, El Dorado, Inyo, Mono, Siskiyou, and Tuolumne Counties.	Alpine boulder and rock field. 7,749 to 11,007 feet in elevation.	July-September
Red Hills soaproot *Chlorogalum grandiflorum*	-	-	1B.2	-	Sierra Nevada foothills in Amador, Placer, El Dorado, and Tuolumne Counties.	Cismontane woodland, chaparral, and lower montane coniferous forest; frequently on gabbro or serpentine soils. 804 to 4,068 feet in elevation.	May-June
Hispid salty bird's-beak *Chloropyron molle* ssp. *hispidum*	-	-	1B.1	-	Central Valley in Alameda, Fresno, Kern, Merced, Placer, and Solano Counties.	Alkali playa, wetland, meadows, seeps, and valley and foothill grassland. 3 to 509 feet in elevation.	June-September
Soft salty bird's-beak *Chloropyron molle* ssp. *molle*	FE	-	1B.2	-	San Francisco Bay Area; Contra Costa, Marin, Napa, Solano, Sacramento, and Sonoma Counties.	Coastal salt marsh. 0 to 16 feet in elevation.	July-November
Palmate-bracted salty bird's-beak *Chloropyron palmatum*	FE	SE	1B.1	Yolo HCP/NCCP	Livermore Valley and Central Valley from Colusa County to Fresno County.	Chenopod scrub, valley and foothill grassland, meadows, and seeps. Usually on alkaline Pescadero silty clay. 16 to 509 feet in elevation.	May-October
Bolander's water-hemlock *Cicuta maculata* var. *bolanderi*	-	-	2B.1	-	Sacramento-San Joaquin Delta and Coast Range; Marin, Contra Costa,	Salt marsh, freshwater marsh, and swamps. 0 to 656 feet in elevation.	July-September

					Sacramento, Solano, Monterey, San Luis Obispo, Santa Barbara, Los Angeles, and Orange Counties.		
Mosquin's clarkia *Clarkia mosquinii*	-	-	1B.1	-	Butte, Plumas, Sierra, and Yuba Counties.	Cismontane woodland and lower montane coniferous forest. 607 to 4,003 feet in elevation.	May-July
Bisbee Peak rush-rose *Crocanthemum suffrutescens*	-	-	3.2	-	Sierra Nevada foothills in Amador, Calaveras, and El Dorado Counties.	Chaparral. Often on serpentine, gabbroic, or Ione formation soils. 148 to 2,756 feet in elevation.	April-August
Deep-scarred cryptantha *Cryptantha excavata*	-	-	1B.3	-	Colusa, Lake, Mendocino, and Yolo Counties.	Sandy, gravelly, dry streambanks in cismontane woodland. 328 to 1,640 feet in elevation. April-May.	n/a
Hoover's cryptantha *Cryptantha hooveri*	-	-	1A	-	Presumed extinct in California.	Valley and foothill grassland, and inland dunes. 30 to 492 feet in elevation.	April-May
Peruvian dodder *Cuscuta obtusiflora* var. *glandulosa*	-	-	2B.2	-	Butte, Los Angeles, Merced, Sacramento, San Bernardino, Sonoma, and Sutter Counties.	Freshwater marshes and swamps. 49 to 919 feet in elevation.	July-October
Recurved larkspur *Delphinium recurvatum*	-	-	1B.2	-	Central Valley from Colusa County to Kern County.	Chenopod scrub, valley and foothill grassland, and cismontane woodland. On alkaline soils. 10 to 2,592 feet in elevation.	March-June
Dwarf downingia *Downingia pusilla*	-	-	2B.2	South Sacramento HCP Yuba Sutter Regional Conservation Plan	Interior North Coast Range, Sacramento Valley, San Joaquin Valley.	Wetlands within valley and foothill grassland, including vernal pools. 3 to 1,608 feet in elevation.	March-May

Tahoe draba *Draba asterophora* var. *asterophora*	-	-	1B.2	-	Sierra Nevada in Alpine, El Dorado, Mono, and Tuolumne Counties.	Alpine boulder and rock field, talus slopes, and subalpine coniferous forest. 9,088 to 11,499 feet in elevation.	July-August
Cup Lake draba *Draba asterophora* var. *macrocarpa*	-	-	1B.1	-	El Dorado County.	Subalpine coniferous forest. 8,547 to 9,006 feet in elevation.	July-August
Oregon fireweed *Epilobium oreganum*	-	-	1B.2	-	Klamath Range and North Coast Range in Del Norte, El Dorado, Glenn, Humboldt, Mendocino, Nevada, Placer, Shasta, Siskiyou, Tehama, and Trinity Counties.	Bogs and fens in lower and upper montane coniferous forest. Sometimes on serpentine soil. 1,640 to 7,349 feet in elevation.	June-September
Marsh willowherb *Epilobium palustre*	-	-	2B.3	-	Sierra Nevada in El Dorado and Plumas Counties.	Bogs, fens, meadows, and seeps. 5,430 to 7,710 feet in elevation.	July-August
Nevada daisy *Erigeron eatonii* var. *nevadincola*	-	-	2B.3	-	Lassen, Placer, Plumas, and Sierra Counties.	Great Basin scrub, lower montane coniferous forest, and pinyon and juniper woodland. 4,593 to 6,398 feet in elevation.	May-July
Starved daisy *Erigeron miser*	-	-	1B.3	-	Sierra Nevada in Mono, Nevada, and Placer Counties.	Upper montane coniferous forest. Rocky, granitic outcrops. 5,085 to 9,104 feet in elevation.	June-October
Ione buckwheat *Eriogonum apricum* var. *apricum*	FE	SE	1B.1	-	Amador and Sacramento Counties.	Chaparral, in gravelly openings on Ione formation soil. 279 to 492 feet in elevation.	July-October
Ahart's buckwheat *Eriogonum umbellatum* var. *ahartii*	-	-	1B.2	-	Butte and Yuba Counties.	Cismontane woodland and chaparral on serpentine soil. 902 to 4,856 feet in elevation.	June-September
Donner Pass buckwheat *Eriogonum umbellatum* var. *torreyanum*	-	-	1B.2	-	Sierra Nevada in Placer and Sierra Counties.	Upper montane coniferous forest, meadows, and seeps on rocky, volcanic soils. 6,086 to 8,596 feet in elevation.	July-September

Jepson's coyote-thistle *Eryngium jepsonii*	-	-	1B.2	-	San Francisco Bay Area; San Joaquin Valley; Yolo County; and Sierra Nevada foothills in Placer, Amador, Tuolumne, and Fresno Counties.	Vernal pools in valley and foothill grassland. 10 to 984 feet in elevation.	April-August
Tuolumne button-celery *Eryngium pinnatisectum*	-	-	1B.2	-	Amador, Calaveras, Sacramento, and Tuolumne Counties.	Vernal pools in cismontane woodland and lower montane coniferous forest. Volcanic soils. 230 to 3,002 feet in elevation.	May-August
Contra Costa wallflower *Erysimum capitatum* var. *angustatum*	FE	SE	1B.1	-	Solano and Contra Costa Counties.	Inland dunes. Stabilized dunes of sand and clay near Antioch along the San Joaquin River. 10 to 66 feet in elevation.	March-July
San Joaquin spearscale *Extriplex joaquinana*	-	-	1B.2	-	Glenn, Colusa, Yolo, Napa, Solano, Contra Costa, Alameda, Santa Clara, San Benito, Monterey, San Joaquin, Merced, Fresno, and San Luis Obispo Counties.	Chenopod scrub, alkali meadow, playas, and valley and foothill grassland. 3 to 2,740 feet in elevation.	April-October
Minute pocket moss *Fissidens pauperculus*	-	-	1B.2	-	Alameda, Butte, Del Norte, Humboldt, Mendocino, Marin, Santa Cruz, San Mateo, Sonoma, and Yuba Counties.	North coast coniferous forest. Moss growing on damp soil along the coast. 33 to 3,360 feet in elevation.	n/a
Pine Hill flannelbush *Fremontodendron decumbens*	FE	-	1B.2	-	El Dorado, Nevada, and Yuba Counties.	Rocky ridges in chaparral and cismontane woodland. Gabbro or serpentine soil. 1,394 to 2,510 feet in elevation.	April-July
Butte County fritillary *Fritillaria eastwoodiae*	-	-	3.2	-	Sierra Nevada foothills from Shasta County to El Dorado County.	Ultramafic. Chaparral, cismontane woodland, lower montane coniferous forest. Usually on dry slopes but also found in wet places; soils can be serpentine, red clay, or sandy. 14928 to 4839 feet in elevation.	March-June

Adobe-lily *Fritillaria pluriflora*	-	-	1B.2	-	Sierra Nevada foothills, interior North Coast Range, Sacramento Valley.	Chaparral, cismontane woodland, and foothill grassland. Usually on clay soils; sometimes serpentine. 148 to 3,100 feet in elevation.	February-April
El Dorado bedstraw *Galium californicum* ssp. *sierrae*	FE	-	1B.2	-	El Dorado County.	Cismontane woodland and lower montane coniferous forest on gabbro soil. 427 to 1,919 feet in elevation.	May-June
American manna grass *Glyceria grandis*	-	-	2B.3	-	North Coast and Sierra Nevada in Fresno, Humboldt, Mendocino, Mono, and Placer Counties.	Bogs, fens, meadows, seeps, marshes, ditches and swamps in valleys and lower elevations in the mountains. 197 to 6,709 feet in elevation.	June-August
Boggs Lake hedge-hyssop *Gratiola heterosepala*	-	SE	1B.2	Natomas Basin HCP South Sacramento HCP Yuba Sutter Regional Conservation Plan	Interior North Coast Range, Sierra Nevada foothills, Sacramento Valley, Modoc Plateau. Fresno, Lake, Lassen, Madera, Merced, Modoc, Placer, Sacramento, Shasta, Siskiyou, San Joaquin, Solano, and Tehama Counties.	Freshwater marshes, swamps, and vernal pools. 33 to 7,792 feet in elevation.	April-August
Hall's harmonia *Harmonia hallii*	-	-	1B.2	-	Interior North Coast Range in Colusa, Lake, Napa, and Yolo Counties.	Chaparral on serpentine soil. 1,099 to 3,051 feet in elevation.	April-June
Blandow's bog moss *Helodium blandowii*	-	-	2B.3	-	El Dorado, Fresno, Mono, Siskiyou, Tulare, and Tuolumne Counties.	Meadows and seeps in subalpine coniferous forest. Moss growing on damp soil, especially under willows among leaf litter. 6,109 to 8,858 feet in elevation.	n/a
Drymaria-like western flax *Hesperolinon drymarioides*	-	-	1B.2	-	Colusa, Glenn, Lake, Napa, and Yolo Counties.	Closed-cone coniferous forest, chaparral, cismontane woodland, and valley and foothill grassland. Serpentine soil. 1,296 to 6,562 feet in elevation.	May-August

Water star-grass *Heteranthera dubia*	-	-	2B.2	-	Modoc, Shasta, Colusa, Butte, Marin, and San Mateo Counties.	Marshes and swamps. 49 to 4,954 feet in elevation.	July-October
Woolly rose-mallow *Hibiscus lasiocarpos* var. *occidentalis*	-	-	1B.2	-	Sacramento Valley and Central Valley from Butte County to San Joaquin County.	Freshwater marshes and swamps Can occur on riprap and levees. 0 to 509 feet in elevation.	June-September
Parry's horkelia *Horkelia parryi*	-	-	1B.2	-	Sierra Nevada foothills in Amador, Calaveras, El Dorado, and Mariposa Counties.	Chaparral and cismontane woodland. Ione formation. 279 to 3,658 feet in elevation.	April-September
Short-leaved hulsea *Hulsea brevifolia*	-	-	1B.2	-	Sierra Nevada in El Dorado, Fresno, Madera, Mariposa, Tulare, and Tuolumne Counties.	Lower montane coniferous forest and upper montane coniferous forest. Granitic or volcanic soil. 4,921 to 10,499 feet in elevation.	May-August
Plumas ivesia *Ivesia sericoleuca*	-	-	1B.2	-	Sierra Nevada and Modoc Plateau; Lassen, Nevada, Placer, Plumas, and Sierra Counties.	Great Basin scrub, lower montane coniferous forest, meadows, seeps, and vernal pools. Usually volcanic substrates. 4,314 to 7,005 feet in elevation.	May-October
Northern California black walnut *Juglans hindsii*	-	-	1B.1	-	Napa and Contra Costa Counties.	Riparian forest and riparian woodland. Few extant native stands remain. 0 to 2,100 feet in elevation.	April-May
Ahart's dwarf rush *Juncus leiospermus* var. *ahartii*	-	-	1B.2	South Sacramento HCP Yuba Sutter Regional Conservation Plan	Butte, Calaveras, Placer, Sacramento, Tehama, and Yuba Counties.	Vernal pool edges in valley and foothill grassland. 98 to 328 feet in elevation.	March-May

Red Bluff dwarf rush *Juncus leiospermus* var. *leiospermus*	-	-	1B.1	-	Butte, Placer, Shasta, and Tehama Counties.	Chaparral, valley and foothill grassland, cismontane woodland, vernal pools, meadows, and seeps. 98 to 3,363 feet in elevation.	March-June
Santa Lucia dwarf rush *Juncus luciensis*	-	-	1B.2	-	Modoc, Shasta, Lassen, Plumas, Nevada, Placer, Napa, and Lake Counties; Transverse Range and Santa Lucia Mountains.	Vernal pools, meadows and seeps, lower montane coniferous forest, chaparral, and Great Basin scrub. 984 to 6,693 feet in elevation.	April-July
Burke's goldfields *Lasthenia burkei*	FE	SE	1B.1	-	Mendocino, Lake, Sonoma, and Napa Counties.	Vernal pools, meadows and seeps, wetland. Most often in vernal pools and swales. 49 to 1,969 feet in elevation.	April-June
Contra Costa goldfields *Lasthenia conjugens*	FE	-	1B.1	-	Mendocino, Sonoma, Napa, Marin, Solano, Contra Costa, Alameda, Santa Clara, Monterey, and Santa Barbara Counties.	Alkali playa, wetland. Valley and foothill grassland, vernal pools, alkaline playas, cismontane woodland. Vernal pools, swales, low depressions, in open grassy areas. 3 to 1,476 feet in elevation.	March-June
Coulter's goldfields *Lasthenia glabrata* ssp. *coulteri*	-	-	1B.1	-	Tehama, Colusa, Yolo, San Mateo, Merced, Kings, Tulare, Kern, San Luis Obispo, Santa Barbara, Ventura, Los Angeles, San Bernardino, Riverside, and San Diego.	Coastal salt marsh, playas, and vernal pools. Usually found on alkaline soils. 3 to 4,511 feet in elevation.	February-June
Delta tule pea *Lathyrus jepsonii* var. *jepsonii*	-	-	1B.2	Natomas Basin HCP	San Francisco Bay Area and Central Valley; Alameda, Contra Costa, Napa, Santa Clara, San Joaquin, Solano, and Sonoma Counties.	Wetland. Freshwater and brackish marshes. Often found with Typha, Aster lentus, Rosa californica, Juncus spp., Scirpus, etc. Usually on marsh and slough edges. 0 to 16 feet in elevation.	May-July
Dubious pea *Lathyrus sulphureus* var. *argillaceus*	-	-	3	-	Klamath Range, North Coast Range, and Sierra Nevada; Calaveras, El Dorado, Nevada, Placer,	Cismontane woodland, lower montane coniferous forest, and upper montane coniferous forest. 492 to 3,051 feet in elevation.	April-May

					Shasta, and Tehama Counties.		
Colusa layia *Layia septentrionalis*	-	-	1B.2	-	Interior North Coast Range in Colusa, Glenn, Lake, Mendocino, Napa, Sonoma, Sutter, Tehama, and Yolo Counties.	Chaparral, cismontane woodland, and valley and foothill grassland. 49 to 3,609 feet in elevation.	April-May
Legenere *Legenere limosa*	-	-	1B.1	Natomas Basin HCP South Sacramento HCP Yuba Sutter Regional Conservation Plan	Lower Sacramento Valley, North Coast Range, San Joaquin Valley, and Santa Cruz Mountains.	Vernal pools. 3 to 2,887 feet in elevation.	April-June
Heckard's pepper-grass *Lepidium latipes* var. *heckardii*	-	-	1B.2	-	Sacramento Valley in Glenn, Solano, and Yolo Counties.	Valley and foothill grassland and vernal pools. Alkaline soils. 3 to 98 feet in elevation.	March-May
Jepson's leptosiphon *Leptosiphon jepsonii*	-	-	1B.2	-	Lake, Napa, and Sonoma Counties.	Chaparral and cismontane woodland. On volcanics soil or the periphery of serpentine substrates. 180 to 2,805 feet in elevation.	March-May
Woolly-headed lessingia *Lessingia hololeuca*	-	-	3	-	Alameda, Monterey, Marin, Napa, Santa Clara, San Mateo, Solano, Sonoma, and Yolo Counties.	Coastal scrub, lower montane coniferous forest, valley and foothill grassland, and broadleaved upland forest. 49 to 1,001 feet in elevation.	June-October
Cantelow's lewisia *Lewisia cantelovii*	-	-	1B.2	-	Shasta, Marin, Plumas, Yuba, Nevada, Placer, and El Dorado Counties.	Broadfleafed upland forest, lower montane coniferous forest, cismontane woodland, and chaparral. 1,083 to 4,495 feet in elevation.	May-October

Kellogg's lewisia *Lewisia kelloggii* ssp. *kelloggii*	-	-	3.2	-	Sierra Nevada in Alpine, Amador, El Dorado, Humboldt, Madera, Mariposa, Placer, Shasta, Sierra, Siskiyou, Trinity, and Tuolumne Counties.	Upper montane coniferous forest. Often on slate, sometimes rhyolite tuff. 4,806 to 7,759 feet in elevation.	May-August
Long-petaled lewisia *Lewisia longipetala*	-	-	1B.3	-	Sierra Nevada in El Dorado, Nevada, and Placer Counties.	Alpine boulder and rock field, and subalpine coniferous forest. In cracks of granite or gravelly volcanic soils. 8,202 to 9,596 feet in elevation.	July-August
Saw-toothed lewisia *Lewisia serrata*	-	-	1B.1	-	El Dorado and Placer Counties.	Broadleafed upland forest, lower montane coniferous forest, and riparian forest. 2,953 to 4,708 feet in elevation.	May-June
Mason's lilaeopsis *Lilaeopsis masonii*	-	-	1B.1	-	Sacramento Valley, Sacramento-San Joaquin Delta, San Francisco Bay Area; Alameda, Contra Costa, Marin, Napa, Sacramento, San Joaquin, Solano, and Yolo Counties.	Freshwater and brackish marshes, and riparian scrub. 0 to 33 feet in elevation.	April-November
Delta mudwort *Limosella australis*	-	-	2B.1	-	Sacramento-San Joaquin Delta; Contra Costa, Sacramento, San Joaquin, and Solano Counties.	Riparian scrub, marshes, and swamps. 0 to 16 feet in elevation.	May-August
Heller's bush-mallow *Malacothamnus helleri*	-	-	3.3	-	Colusa, Glenn, Lake, Napa, Tehama, and Yolo Counties.	Chaparral and riparian woodland on sandstone or gravel. 1,001 to 2,083 feet in elevation.	May-July
Broad-nerved hump moss *Meesia uliginosa*	-	-	2B.2	-	El Dorado, Fresno, Madera, Mariposa, Nevada, Plumas, Riverside, Sierra, Siskiyou, and Tulare Counties.	Meadows, seeps, bogs and fens in upper montane coniferous forest and subalpine coniferous forest. 3,593 to 9,203 feet in elevation.	July-October

Veiny monardella *Monardella venosa*	-	-	1B.1	-	Sacramento Valley and Sierra Nevada foothills in Butte, Sutter, Tuolumne, and Yuba Counties.	Valley and foothill grassland and cismontane woodland. 98 to 1,329 feet in elevation.	May-July
Little mousetail *Myosurus minimus* ssp. *apus*	-	-	3.1	-	Central Valley and South Coast from Butte County to San Diego County.	Vernal pools and valley and foothill grassland. 66 to 2,100 feet in elevation.	March-June
Baker's navarretia *Navarretia leucocephala* ssp. *bakeri*	-	-	1B.1	-	Interior North Coast Range and Sacramento Valley in Colusa, Glenn, Lake, Mendocino, Marin, Napa, Solano, Sonoma, Tehama, and Yolo Counties.	Cismontane woodland, meadows and seeps, vernal pools, valley and foothill grassland, and lower montane coniferous forest. 16 to 5,709 feet in elevation.	April-July
Pincushion navarretia *Navarretia myersii* ssp. *myersii*	-	-	1B.1	South Sacramento HCP	Central Valley in Amador, Calaveras, Merced, Placer, and Sacramento Counties.	Vernal pools. Clay soils within non-native grassland. 148 to 328 feet in elevation.	April-May
Colusa grass *Neostapfia colusana*	FT	SE	1B.1	Natomas Basin HCP	Central Valley from Colusa County to Merced County.	Vernal pools. 16 to 410 feet in elevation.	May-August
Antioch Dunes evening-primrose *Oenothera deltoides* ssp. *howellii*	FE	SE	1B.1	-	Contra Costa and Sacramento Counties.	Interior dunes. Remnant river bluffs and sand dunes east of Antioch. 0 to 98 feet in elevation.	March-September
Northern adder's-tongue *Ophioglossum pusillum*	-	-	2B.2	-	Klamath Range and Sierra Nevada in El Dorado, Mendocino, and Siskiyou Counties.	Marshes, swamps, meadows, and seeps. 3,560 to 6,348 feet in elevation.	July
Slender Orcutt grass *Orcuttia tenuis*	FT	SE	1B.1	Natomas Basin HCP South Sacramento HCP	Sierra Nevada and Cascade Range foothills from Siskiyou County to Sacramento County.	Vernal pools and wetlands. Often in gravelly substrate. 82 to 5,758 feet in elevation.	May-September

Sacramento Orcutt grass *Orcuttia viscida*	FE	SE	1B.1	Natomas Basin HCP South Sacramento HCP	Sacramento County.	Vernal pools and wetlands. 49 to 279 feet in elevation.	April-July
Layne's ragwort *Packera layneae*	FT	-	1B.2	-	Sierra Nevada foothills in Butter, El Dorado, Tuolumne, and Yuba Counties.	Chaparral and cismontane woodland. Serpentine or gabbro soil. 656 to 3,560 feet in elevation.	April-August
Stebbins' phacelia *Phacelia stebbinsii*	-	-	1B.2	-	Sierra Nevada in El Dorado, Nevada, and Placer Counties.	Lower montane coniferous forest, cismontane woodland, meadows, and seeps. Among rocks and rubble on metamorphic rock benches. 2,001 to 6,594 feet in elevation.	May-July
Cedar Crest popcornflower *Plagiobothrys glyptocarpus* var. *modestus*	-	-	3	-	Sierra Nevada foothills in Nevada and Yuba Counties.	Cismontane woodland and valley and foothill grassland. Occurrences known from 2,854 feet in elevation.	April-June
Bearded popcornflower *Plagiobothrys hystriculus*	-	-	1B.1	-	Coast Range foothills in Napa, Solano, and Yolo Counties.	Vernal pools in valley and foothill grassland. 0 to 902 feet in elevation.	April-May
Sierra blue grass *Poa sierrae*	-	-	1B.3	-	Butte, El Dorado, Nevada, Plumas, and Shasta Counties.	Lower montane coniferous forest. 1,198 to 4,921 feet in elevation.	April-July
Flexuose threadmoss *Pohlia flexuosa*	-	-	2B.1	-	Yuba County.	Lower montane coniferous forest. Roadsides and rocky seeps. 3,117 to 3,363 feet in elevation.	n/a
Northern holly fern *Polystichum lonchitis*	-	-	3	-	Alpine, El Dorado, Siskiyou, Plumas, and Trinity Counties.	Limestone. Subalpine coniferous forest and upper montane coniferous forest. 5,906 to 8,530 feet in elevation.	June-September

Nuttall's ribbon-leaved pondweed *Potamogeton epihydrus*	-	-	2B.2	-	North Coast Range, Sierra Nevada, and Modoc Plateau; El Dorado, Mendocino, Modoc, Mariposa, and Plumas Counties.	Marshes, swamps, ponds, lakes, streams, and irrigation ditches. 968 to 8,661 feet in elevation.	July-September
Robbins' pondweed *Potamogeton robbinsii*	-	-	2B.3	-	Sierra Nevada in Alpine, El Dorado, Fresno, Inyo, Lassen, Madera, Mono, Mariposa, Nevada, Plumas, Sierra, Siskiyou, and Tuolumne Counties.	Marshes, swamps, and lakes. 5,020 to 10,827 feet in elevation.	July-August
Hartweg's golden sunburst *Pseudobahia bahiifolia*	FE	SE	1B.1	-	Sierra Nevada foothills and San Joaquin Valley.	Valley and foothill grassland and cismontane woodland. Clay soils, often acidic. 197 to 558 feet in elevation.	March-April
California alkali grass *Puccinellia simplex*	-	-	1B.2	-	Central Valley and Coast Range foothills from Glenn County to Kern County; San Bernardino County; and Mono County.	Meadows, seeps, chenopod scrub, valley and foothill grasslands, and vernal pools. 3 to 3,002 feet in elevation.	March-May
Sticky pyrrocoma *Pyrrocoma lucida*	-	-	1B.2	-	Sierra Nevada in Lassen, Plumas, Sierra, and Yuba Counties.	Lower montane coniferous forest, meadows, seeps, and Great Basin scrub. Alkaline flats, clay soils. 2,493 to 6,857 feet in elevation.	July-October
Alder buckthorn *Rhamnus alnifolia*	-	-	2B.2	-	Alpine, Nevada, Placer, Plumas, and Sierra Counties.	Meadows, seeps, lower montane coniferous forest, upper montane coniferous forest, and riparian scrub. 4,692 to 7,005 feet in elevation.	May-July
Brownish beaked-rush *Rhynchospora capitellata*	-	-	2B.2	-	Trinity, Sonoma, Shasta, Butte, Plumas, Sierra, Yuba, Nevada, El Dorado, and Tuolumne Counties.	Lower montane coniferous forest, upper montane coniferous forest, meadows, seeps, marshes, and swamps. 148 to 5,610 feet in elevation.	July-August

Tahoe yellow cress *Rorippa subumbellata*	-	SE	1B.1	-	El Dorado, Nevada, and Placer Counties.	Lower montane coniferous forest, meadows, and seeps. 6,217 to 6,234 feet in elevation.	May-September
Sanford's arrowhead *Sagittaria sanfordii*	-	-	1B.2	Natomas Basin HCP South Sacramento HCP	Central Valley and Coast Range.	Marshes, swamps, ponds, and ditches. 0 to 2,133 feet in elevation.	May-October
Water bulrush *Schoenoplectus subterminalis*	-	-	2B.3	-	Klamath Range and Sierra Nevada.	Marshes, swamps, lake margins, bogs, and fens. 2,461 to 7,382 feet in elevation.	June-August
Marsh skullcap *Scutellaria galericulata*	-	-	2B.2	-	Sierra Nevada and Modoc Plateau in El Dorado, Lassen, Modoc, Nevada, Placer, Plumas, Shasta, San Joaquin, and Siskiyou Counties.	Marshes, swamps, meadows, and seeps in lower montane coniferous forest. 0 to 6,398 feet in elevation.	June-September
Side-flowering skullcap *Scutellaria lateriflora*	-	-	2B.2	-	San Joaquin Valley and Sierra Nevada in Inyo, Sacramento, and San Joaquin Counties.	Meadows, seeps, marshes, and swamps. 0 to 1,640 feet in elevation.	July-September
Keck's checkerbloom *Sidalcea keckii*	FE		1B.1	-	Fresno, Merced, and Tuolumne Counties.	Cismontane woodland and valley and foothill grassland. Typically on serpentine-derived, clay soils. 279 to 1,657 feet in elevation.	April-May
Munro's desert mallow *Sphaeralcea munroana*	-	-	2B.2	-	Placer County.	Great Basin scrub. Occurrences known from 6,562 feet in elevation.	May-June
Green jewelflower *Streptanthus hesperidis*	-	-	1B.2	-	Colusa, Glenn, Lake, Napa, Sonoma, and Yolo Counties.	Chaparral and cismontane woodland. Serpentine soil. 787 to 2,510 feet in elevation.	May-July

Slender-leaved pondweed *Stuckenia filiformis* ssp. *alpina*	-	-	2B.2	-	Contra Costa, El Dorado, Lassen, Merced, Mono, Modoc, Mariposa, Placer, Santa Clara, and Sierra Counties.	Marshes, swamps, lakes, and drainage channels. 984 to 7,054 feet in elevation.	May-July
Suisun Marsh aster *Symphyotrichum lentum*	-	-	1B.2	-	Sierra Nevada foothills, Sacramento-San Joaquin Delta, and San Francisco Bay Area. Mariposa, Tuolumne, Calaveras, Amador, El Dorado, Placer, Butte, Sacramento, Yolo, Solano, Santa Clara, Alameda, Contra Costa, Fresno, Ventura, Marin, Sonoma, Napa, and Mendocino Counties.	Brackish and freshwater wetlands, including marshes, swamps, and sloughs. 0 to 98 feet in elevation.	May-November
Wright's trichocoronis Trichocoronis wrightii var. *wrightii*	-	-	2B.1	-	Central Valley and southern California coast.	Marshes and swamps, riparian forest, meadows, seeps, and vernal pools. 16 to 1,427 feet in elevation.	May-September
Saline clover *Trifolium hydrophilum*	-	-	1B.2	-	Alameda, Contra Costa, Colusa, Lake, Monterey, Napa, Sacramento, San Benito, Santa Clara, Santa Cruz, San Joaquin, San Luis Obispo, San Mateo, Solano, Sonoma, and Yolo Counties.	Marshes, swamps, vernal pools, and valley and foothill grassland. 0 to 984 feet in elevation.	April-June
Crampton's tuctoria or Solano grass *Tuctoria mucronata*	FE	SE	1B.1	-	Southwestern Sacramento Valley in Solano and Yolo Counties.	Vernal pools in valley and foothill grassland. 16 to 49 feet in elevation.	April-August
Cream-flowered bladderwort *Utricularia ochroleuca*	-	-	2B.2	-	El Dorado, Modoc, and Plumas Counties.	Meadows, seeps, marshes, lake margins, and swamps. 4,298 to 7,710 feet in elevation.	June-July

Oval-leaved viburnum *Viburnum ellipticum*	-	-	2B.3	-	Northwest California; San Francisco Bay Area; northern and central Sierra Nevada; and foothills in Contra Costa, El Dorado, Fresno, Glenn, Humboldt, Mendocino, Napa, Placer, Shasta, and Sonoma Counties.	Chaparral, cismontane woodland, and lower montane coniferous forest. 705 to 4,593 feet in elevation.	May-June
Brazilian watermeal *Wolffia brasiliensis*	-	-	2B.3	-	Known from along the Sacramento River in Butte, Glenn, Sutter, and Yuba Counties.	Freshwater marshes and swamps. 66 to 328 feet in elevation.	April-December
El Dorado County mule ears *Wyethia reticulata*	-	-	1B.2	-	El Dorado County.	Chaparral, cismontane woodland, and lower montane coniferous forest. Stony red clay and gabbroic soils. 607 to 2,067 feet in elevation.	April-August

[1]Listing Status explanations:

Federal
E = listed as endangered under ESA
T = listed as threatened under ESA

State
E = listed as endangered under CESA
T = listed as threatened under CESA

California Rare Plant Ranks (CRPR)

1A Plant species presumed extirpated or extinct because they have not been seen or collected in the wild in California for many years (protected under CEQA but not legally protected under ESA or CESA)

1B Plant species considered rare or endangered in California and elsewhere (protected under CEQA but not legally protected under ESA or CESA)

2B Plant species considered rare or endangered in California but more common elsewhere (protected under CEQA but not legally protected under ESA or CESA)

3 Plants lacking the necessary information to assign them to one of the other ranks or to reject them.

Threat Ranks:

0.1 Seriously threatened in California (over 80 percent of occurrences threatened; high degree and immediacy of threat)

0.2 Moderately threatened in California (20 to 80 percent of occurrences threatened; moderate degree and immediacy of threat)

0.3 Not very threatened in California (less than 20 percent of occurrences threatened; low degree and immediacy of threat or no current threats known)

Sources: CNDDB 2019, CNPS 2019

Special-Status Wildlife Species Known or Potentially Occurring in the Plan Area of the Proposed MTP/SCS

Common and Scientific Names	Listing Status[1]			Distribution in California	Preferred Habitat	Counties within the MTP/SCS Plan Area where Occurrences Have Been Documented[2]
	Federal	State	Local			
Amphibians and Reptiles						
California red-legged frog *Rana draytonii*	FT	SSC	Placer County Conservation Program	Found along the coast and coastal mountain ranges of California from Mendocino County to San Diego County and in the Sierra Nevada from Tehama County to Fresno County.	Flowing waters, standing waters, freshwater marsh, and riparian habitat. Lowlands and foothills in or near permanent sources of deep water with dense, shrubby or emergent riparian vegetation. Requires 11-20 weeks of permanent water for larval development and access to estivation habitat.	El Dorado, Placer, and Yuba Counties.
California tiger salamander *Ambystoma californiense*	FT	ST	Natomas Basin HCP South Sacramento HCP Yolo HCP/NCCP	Central Valley, including Sierra Nevada foothills, up to approximately 1,000 feet, and coastal region from Butte County south to northeastern San Luis Obispo County.	Cismontane woodland, meadow and seep, riparian woodland, valley and foothill grassland, vernal pool, and wetlands. Need underground refuges, especially ground squirrel burrows, and vernal pools or other seasonal water sources for breeding.	Sutter, Sacramento, and Yolo Counties.
Coast horned lizard *Phrynosoma blainvillii*	-	SSC	-	Sacramento Valley, Sierra Nevada foothills, south to southern California; and Coast Range south of Sonoma County.	Frequents a wide variety of habitats, most common in lowlands along sandy washes with scattered low bushes. Open areas for sunning, bushes for cover, patches of loose soil for burial, and abundant supply of ants and other insects.	El Dorado and Placer Counties.
Foothill yellow-legged frog *Rana boylii*	-	CE SSC	Placer County Conservation Program	Klamath, Cascade, north Coast, south Coast, Transverse, and Sierra Nevada.	Partly-shaded, shallow streams and riffles with a rocky substrate in a variety of habitats. Need at least some cobble-sized substrate for egg-laying. Need at least 15 weeks to attain metamorphosis. Ranges up to approximately 6,000 feet.	El Dorado, Placer, Sutter, Yolo, and Yuba Counties.

Giant garter snake *Thamnophis gigas*	FT	ST	Natomas Basin HCP South Sacramento HCP Yolo HCP/NCCP Placer County Conservation Program Yuba Sutter Regional Conservation Plan	Central Valley from Fresno north to the Gridley/Sutter Buttes area.	Marsh and swamp, riparian scrub, wetland. Prefers freshwater marsh and low gradient streams. Has adapted to drainage canals and irrigation ditches. This is the most aquatic of the garter snakes in California.	Sacramento, Sutter, Yolo, and Yuba Counties.
Northern leopard frog *Lithobates pipiens*	-	SSC	-	Uncommon and localized in California. In northern California, established in Modoc and possibly eastern Lassen County. Introduced in the Tahoe Basin.	Near permanent or semi-permanent water in a variety of habitats. Highly aquatic species. Shoreline cover, submerged and emergent aquatic vegetation are important habitat characteristics.	El Dorado and Placer Counties.
Sierra Nevada yellow-legged frog *Rana sierrae*	FE	ST	-	Found in the Sierra Nevada above 4,500 feet from Plumas County to southern Tulare County. Isolated populations in Butte County and near Mono Lake, Mono County.	Always encountered within a few feet of water. Tadpoles may require 2 to 4 years to complete their aquatic development.	El Dorado, Placer, and Yuba Counties.
Southern long-toed salamander *Ambystoma macrodactylum sigillatum*	-	SSC	-	Sierra Nevada, Cascade, and Klamath mountains.	High elevation meadows and lakes. Aquatic larvae occur in ponds and lakes. Outside of breeding season adults are terrestrial and associated with underground burrows of mammals and moist areas under logs and rocks.	El Dorado, Placer, and Yuba Counties.

Western pond turtle *Actinemys marmorata*	-	SSC	Natomas Basin HCP South Sacramento HCP Yolo HCP/NCCP Placer County Conservation Program Yuba Sutter Regional Conservation Plan	Occurs from the Oregon border of Del Norte and Siskiyou counties south along the coast to San Francisco Bay, inland through the Sacramento Valley, and on the western slope of the Sierra Nevada.	A thoroughly aquatic turtle of ponds, marshes, rivers, streams and irrigation ditches, usually with aquatic vegetation, below 6,000 feet elevation. Need basking sites and suitable (sandy banks or grassy open fields) upland habitat up to 0.5 km from water for egg-laying.	El Dorado, Placer, Sacramento, Sutter, Yolo, and Yuba Counties.
Western spadefoot *Spea hammondii*	-	SSC	Natomas Basin HCP South Sacramento HCP Yuba Sutter Regional Conservation Plan	Sierra Nevada foothills, Central Valley, Coast Ranges, coastal counties in southern California.	Occurs primarily in grassland habitats but can be found in valley-foothill hardwood woodlands. Vernal pools are essential for breeding and egg-laying.	El Dorado, Placer, Sacramento, and Yolo Counties.
Yosemite toad *Anaxyrus canorus*	FT	SSC	-	Central high Sierra Nevada from El Dorado County south to near Kaiser Pass in Fresno County.	Found in the vicinity of wet meadows in central High Sierra, 6,400 to 11,300 feet in elevation. Primarily montane wet meadows; also in seasonal ponds associated with lodgepole pine and subalpine conifer forest.	No documented occurrences within the MTP/SCS Plan Area.
Birds						
American peregrine falcon *Falco peregrinus anatum*	FD	SD FP	-	Permanent resident along the north and south Coast Ranges. May summer in the Cascade and Klamath Ranges and through the Sierra Nevada to Madera County. Winters in the Central Valley south through the Transverse and Peninsular Ranges and the plains east of the Cascade Range	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.	El Dorado and Sacramento Counties.

Bald eagle *Haliaeetus leucocephalus*	FD	SE FP	Yuba Sutter Regional Conservation Plan	Nests in Siskiyou, Modoc, Trinity, Shasta, Lassen, Plumas, Butte, Tehama, Lake, and Mendocino counties and in the Lake Tahoe Basin. Reintroduced into central coast. Winter range includes the rest of California, except the southeastern deserts, very high altitudes in the Sierra Nevada, and east of the Sierra Nevada south of Mono County.	Lower montane coniferous forest, old growth. 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 withopen branches, especially ponderosa pine. Roosts communally in winter.	El Dorado, Placer, Sacramento, and Yuba Counties.
Bank swallow *Riparia riparia*	-	ST	Natomas Basin HCP Yolo HCP/NCCP Yuba Sutter Regional Conservation Plan	Occurs along the Sacramento River from Tehama County to Sacramento County, along the Feather and lower American Rivers, in the Owens Valley; and in the plains east of the Cascade Range in Modoc, Lassen, and northern Siskiyou counties. Small populations near the coast from San Francisco County to Monterey County.	Riparian scrub, riparian woodland. 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.	El Dorado, Placer, Sacramento, Sutter, Yolo, and Yuba Counties.
Black swift *Cypseloides niger*	-	SSC	-	Breeds very locally in the Sierra Nevada and Cascade Range, the San Gabriel, San Bernardino, and San Jacinto mountains, and in coastal bluffs from San Mateo County south to near San Luis Obispo county	Breeds in small colonies on cliffs behind or adjacent to waterfalls in deep canyons and sea-bluffs above the surf; forages widely	Placer County.
Burrowing owl *Athene cunicularia*	-	SSC	Natomas Basin HCP South Sacramento HCP Yolo HCP/NCCP Placer County Conservation Program	Lowlands throughout California, including the Central Valley, northeastern plateau, southeastern deserts, and coastal areas. Rare along south coast.	Coastal prairie, coastal scrub, Great Basin grassland, Great Basin scrub, Mojavean desert scrub, Sonoran desert scrub, and valley and foothill grassland. Open, dry annual or perennial grasslands, deserts and scrublands characterized by low-growing vegetation. Subterranean nester, dependent upon	Placer, Sacramento, Sutter, Yolo, and Yuba Counties.

			Yuba Sutter Regional Conservation Plan		burrowing mammals, most notably, the California ground squirrel.	
Cackling (Aleutian) goose *Branta hutchinsii leucopareia*	FD	-	Natomas Basin HCP	The entire population winters in Butte Sink, then moves to Los Banos, Modesto, the Delta, and East Bay reservoirs; stages near Crescent City during spring before migrating to breeding grounds.	Winters on lakes and inland prairies. Forages on natural pasture or that cultivated to grain; loafs on lakes, reservoirs, ponds.	Sutter County.
California black rail *Laterallus jamaicensis coturniculus*	-	ST FP	Placer County Conservation Program Yuba Sutter Regional Conservation Plan	Permanent resident in the San Francisco Bay and east-ward through the Delta into Sacramento and San Joaquin counties; small populations in Marin, Santa Cruz, San Luis Obispo, Orange, Riverside, and Imperial counties.	Brackish marsh, freshwater marsh, marsh and swamp, salt marsh, wetland. 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.	El Dorado, Placer, Sacramento, Sutter, Yolo, and Yuba Counties.
California spotted owl *Strix occidentalis occidentalis*	-	SSC	-	Resident of southern Cascade Range south along the west slope of the Sierra Nevada, along the mountains in the central Coast, and in the mountains of southern California.	Mixed conifer forest, often with an understory of black oaks and other deciduous hardwoods. Canopy closure greater than 40 percent. Most often found in deep-shaded canyons, on north-facing slopes, and within 300 meters of water.	El Dorado, Placer, and Yuba Counties.
Cooper's hawk *Accipiter cooperii*	-	-	South Sacramento HCP	Throughout California except high altitudes in the Sierra Nevada. Winters in the Central Valley, southeastern desert regions, and plains east of the Cascade Range.	Nests in a wide variety of habitat types, from riparian woodlands and foothill pine- oak woodlands through mixed conifer forests.	Placer and Sacramento Counties.
Ferruginous hawk *Buteo regalis*	-	-	South Sacramento HCP		Great Basin grassland, Great Basin scrub, pinyon and juniper woodlands, valley and foothill grassland. Open grasslands, sagebrush flats, desert scrub, low foothills and fringes of	Sacramento County.

					pinyon and juniper habitats. Eats mostly lagomorphs, ground squirrels, and mice. Population trends may follow lagomorph population cycles.	
Golden eagle *Aquila chrysaetos*	-	FP	-	Foothills and mountains throughout California. Uncommon nonbreeding visitor to lowlands such as the Central Valley.	Broadleaved upland forest, cismontane woodland, coastal prairie, Great Basin grassland, Great Basin scrub, lower montane coniferous forest, pinyon and juniper woodlands, upper montane coniferous forest, and valley and foothill grassland. Rolling foothills, mountain areas, sage-juniper flats, and desert. Cliff-walled canyons provide nesting habitat in most parts of range; also, large trees in open areas.	El Dorado and Sacramento Counties.
Grasshopper sparrow *Ammodramus savannarum*	-	SSC	-	Summer resident and breeder in foothills and lowlands west of the Cascade-Sierra Nevada crest and from Mendocino and Trinity Counties south to San Diego County. Winters in coastal southern California.	Valley and foothill grassland. Dense grasslands on rolling hills, lowland plains, in valleys and on hillsides on lower mountain slopes. Favors native grasslands with a mix of grasses, forbs and scattered shrubs. Loosely colonial when nesting.	Placer, Sacramento, Yolo, and Yuba Counties.
Great gray owl *Strix nebulosa*	-	SE	-	Permanent resident of the Sierra Nevada from Plumas County south to the Yosemite area. Occasionally occurs in northwestern California in the winter and the Warner mountains in the summer.	Lower montane coniferous forest, old growth, subalpine coniferous forest, upper montane coniferous forest. Resident of mixed conifer or red fir forest habitat, in or on edge of meadows. Requires large diameter snags in a forest with high canopy closure, which provide a cool sub-canopy microclimate.	El Dorado and Yuba Counties.

Greater sandhill crane *Antigone canadensis tabida*	-	ST FP	South Sacramento HCP Yuba Sutter Regional Conservation Plan	Summers in open terrain near shallow lakes or freshwater marshes. Winters in plains and valleys near bodies of fresh water.	Marsh and swamp, meadow and seep, wetland. Nests in wetland habitats in northeastern California; winters in the Central Valley. Prefers grain fields within 4-mile of a shallow body of water used as a communal roost site; irrigated pasture used as loafing sites.	Placer and Sutter Counties.
Harlequin duck *Histrionicus histrionicus*	-	SSC	-	May still nest in very small numbers in Calaveras County and eastern Amador and Placer counties; winters on the coast from Del Norte County to central San Luis Obispo County.	Riparian scrub, Sacramento/San Joaquin flowing waters. Breeds on west slope of the Sierra Nevada, nesting along shores of swift, shallow rivers. Nest often built in a recess, sheltered overhead by stream bank, rocks, woody debris, usually within 7 feet of water.	Placer County.
Least Bell's vireo *Vireo bellii pusillus*	FE	SE	Yolo HCP/NCCP	Historically a common breeder in the Central Valley. Currently most breeding in California occurs in southern California. Nesting has been documented in San Joaquin County and non-breeding vireos have been documented in Yolo County.	Riparian forest, riparian scrub, riparian woodland. Summer resident of Southern California in low riparian in vicinity of water or in dry river bottoms; below 2,000 feet. Nests placed along margins of bushes or on twigs projecting into pathways, usually willow, *Baccharis*, or mesquite.	Sacramento, Sutter, Yolo, and Yuba Counties.
Loggerhead shrike *Lanius ludovicianus*	-	SSC	Natomas Basin HCP South Sacramento HCP	Resident and winter visitor in lowlands and foothills throughout California. Rare on coastal slope north of Mendocino County, occurring only in winter.	Broadleaved upland forest, desert wash, Joshua tree woodland, Mojavean desert scrub, pinyon and juniper woodlands, riparian woodland, Sonoran desert scrub. Broken woodlands, savannah, pinyon-juniper, Joshua tree, and riparian woodlands, desert oases, scrub and washes. Prefers open country for hunting, with perches for scanning, and fairly dense shrubs and brush for nesting.	No documented occurrences within the MTP/SCS Plan Area.

Long-eared owl *Asio otus*	-	SSC	-	Permanent resident east of the Cascade Range from Placer County north to the Oregon border, east of the Sierra Nevada from Alpine County to Inyo County. Scattered breeding populations along the coast and in southeastern California. Winters throughout the Central Valley and southeastern California.	Riparian bottomlands grown to tall willows and cottonwoods; also, belts of live oak paralleling stream courses. Require adjacent open land productive of mice and the presence of old nests of crows, hawks, or magpies for breeding.	El Dorado and Yuba Counties.
Mountain plover *Charadrius montanus*	-	SSC	-	Does not breed in California; in winter, found in the Central Valley south of Yuba County, along the coast in parts of San Luis Obispo, Santa Barbara, Ventura, and San Diego counties; parts of Imperial, Riverside, Kern, and Los Angeles counties.	Occupies open plains or rolling hills with short grasses or very sparse vegetation; nearby bodies of water are not needed; may use newly plowed or sprouting grain fields.	Yolo County.
Northern goshawk *Accipiter gentilis*	-	SSC	-	Permanent resident in the Klamath and Cascade Ranges, in the north Coast Ranges from Del Norte County to Mendocino County, and in the Sierra Nevada south to Kern County. Winters in Modoc, Lassen, Mono, and northern Inyo Counties.	Nests and roosts in older stands of red fir, Jeffrey pine, Ponderosa pine, lodgepole pine, Douglas fir, and mixed conifer forests	El Dorado and Placer Counties.
Northern harrier *Circus hudsonius*	-	SSC	South Sacramento HCP	Occurs throughout lowland California; has been recorded in fall at high elevations.	Coastal salt and fresh-water marsh. Nest and forage in grasslands, from salt grass in desert sink to mountain cienagas. Nests on ground in shrubby vegetation, usually at marsh edge; nest built of a large mound of sticks in wet areas.	Yolo and Yuba Counties.

Northern spotted owl *Strix occidentalis caurina*	FT	ST SSC	-	Cascade Range, Coastal Range, and intervening forested lands northern California, as far south as Marin County. Southeastern boundary of range is the Pit River area of Shasta County.	Old-growth forests or mixed stands of old-growth and mature trees. Occasionally in younger forests with patches of big trees. High, multistory canopy dominated by big trees, many trees with cavities or broken tops, woody debris and space under canopy.	No documented occurrences within the MTP/SCS Plan Area.
Purple martin *Progne subis*	-	SSC	-	Coastal mountains south to San Luis Obispo County, west slope of the Sierra Nevada, and northern Sierra and Cascade ranges. Absent from the Central Valley except in Sacramento and Placer counties. Isolated, local populations in southern California.	Broadleaved upland forest, lower montane coniferous forest. 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.	Placer and Sacramento Counties.
Saltmarsh common yellowthroat *Geothlypis trichas sinuosa*	-	SSC	-	Found only in the San Francisco Bay Area in Marin, Napa, Sonoma, Solano, San Francisco, San Mateo, Santa Clara, and Alameda counties	Marsh and swamp. Resident of the San Francisco Bay region, in fresh and saltwater marshes. Requires thick, continuous cover down to water surface for foraging; tall grasses, tule patches, willows for nesting.	Sacramento County.
Song sparrow ("Modesto" population) *Melospiza melodia*	-	SSC	-	North-central Central Valley.	Marsh and swamp, wetlands. Emergent freshwater marshes, riparian willow thickets, riparian forests of valley oak (Quercus lobata), and vegetated irrigation canals and levees.	Placer, Sacramento, Sutter, Yuba, and Yolo Counties.
Suisun song sparrow *Melospiza melodia maxillaris*	-	SSC	-	Restricted to the extreme western edge of the Sacramento-San Joaquin Delta, between the cities of Vallejo and Pittsburg near Suisun Bay.	Marsh and swamp, wetlands. Resident of brackish-water marshes surrounding Suisun Bay. Inhabits cattails, tules and other sedges, and *Salicornia*; also known to frequent tangles bordering sloughs.	Sacramento County.

Swainson's hawk *Buteo swainsoni*	-	ST	Natomas Basin HCP South Sacramento HCP Yolo HCP/NCCP Placer County Conservation Program Yuba Sutter Regional Conservation Plan	Lower Sacramento and San Joaquin Valleys, the Klamath Basin, and Butte Valley. Highest nesting densities occur near Davis and Woodland, Yolo County.	Breeds in grasslands with scattered trees, juniper-sage flats, riparian areas, savannahs, and agricultural or ranch lands with groves or lines of trees. Requires adjacent suitable foraging areas such as grasslands, or alfalfa or grain fields supporting rodent populations.	Placer, Sacramento, Sutter, Yolo, and Yuba Counties.
Tricolored blackbird *Agelaius tricolor*	-	ST SSC	Natomas Basin HCP South Sacramento HCP Yolo HCP/NCCP Placer County Conservation Program Yuba Sutter Regional Conservation Plan	Permanent resident in the Central Valley from Butte County to Kern County. Breeds at scattered coastal locations from Marin County south to San Diego County; and at scattered locations in Lake, Sonoma, and Solano counties. Rare nester in Siskiyou, Modoc, and Lassen Counties.	Freshwater marsh, marsh and swamp, swamp, wetland. Highly colonial species, most numerous in Central Valley and vicinity. Largely endemic to California. Requires open water, protected nesting substrate, and foraging area with insect prey within a few kilometers of the colony.	El Dorado, Placer, Sacramento, Sutter, Yolo, and Yuba Counties.
Western snowy plover *Charadrius alexandrinus nivosus*	FT	SSC	-	Nests at inland lakes throughout northeastern, central, and southern California, including Mono Lake and the Salton Sea.	Sandy beaches, salt pond levees and shores of large alkali lakes. Needs sandy, gravelly or friable soils for nesting.	Yolo County.
Western yellow-billed cuckoo *Coccyzus americanus occidentalis*	FT	SE	Yolo HCP/NCCP Yuba Sutter Regional Conservation Plan	Nests along the upper Sacramento, lower Feather, south fork of the Kern, Amargosa, Santa Ana, and Colorado Rivers.	Riparian forest nester, along the broad, lower flood-bottoms of larger river systems. Nests in riparian jungles of willow, often mixed with cottonwoods, with lower story of blackberry, nettles, or wild grape.	Sacramento, Sutter, Yolo, and Yuba Counties.

White-faced ibis *Plegadis chihi*	-	-	Natomas Basin HCP	San Joaquin and Sacramento Valley.	Marsh and swamp, wetlands. Shallow fresh-water marsh. Dense tule thickets for nesting interspersed with areas of shallow water for foraging.	Yolo County.
White-tailed kite *Elanus leucurus*	-	FP	South Sacramento HCP Yolo HCP/NCCP	Lowland areas west of Sierra Nevada from the head of the Sacramento Valley south, including coastal valleys and foothills to western San Diego County.	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.	El Dorado, Placer, Sacramento, Yolo, and Yuba Counties.
Willow flycatcher *Empidonax traillii*	-	SE	-	Summers along the western Sierra Nevada from El Dorado to Madera County, in the Cascade and northern Sierra Nevada in Trinity, Shasta, Tehama, Butte, and Plumas Counties, and along the eastern Sierra Nevada from Lassen County to Inyo County.	Meadow and seep, riparian scrub, riparian woodland, and wetlands. Inhabits extensive thickets of low, dense willows on edge of wet meadows, ponds, or backwaters; 2,000-8,000 feet elevation Requires dense willow thickets for nesting/roosting. Low, exposed branches are used for singing posts/hunting perches.	El Dorado and Placer Counties.
Yellow warbler *Setophaga petechia*	-	SSC	-	Nests over all of California except the Central Valley, the Mojave Desert region, and high altitudes and the eastern side of the Sierra Nevada. Winters along the Colorado River and in parts of Imperial and Riverside Counties. Two small permanent populations in San Diego and Santa Barbara Counties.	Riparian plant associations in close proximity to water. Also nests in montane shrubbery in open conifer forests in Cascades and Sierra Nevada. Frequently found nesting and foraging in willow shrubs and thickets, and in other riparian plants including cottonwoods, sycamores, ash, and alders.	Placer County.

Yellow-headed blackbird *Xanthocephalus xanthocephalus*	-	SSC	-	Breeds east of Cascade Range and Sierra Nevada, in Imperial and Colorado River valley, in the Central Valley, and at selected locations in coast ranges west of the Central Valley. Winters in western Central Valley and Imperial Valley.	Nests in freshwater emergent wetlands with dense vegetation and deep water. Often along borders of lakes or ponds. Nests only where large insects such as Odonata are abundant, nesting timed with maximum emergence of aquatic insects.	El Dorado, Sacramento, and Yolo Counties.
Invertebrates						
California freshwater shrimp *Syncaris pacifica*	FE	SE	-	Endemic to Marin, Napa, and Sonoma counties.	Found in low elevation, low gradient streams where riparian cover is moderate to heavy. Shallow pools away from main streamflow.	No documented occurrences within the MTP/SCS Plan Area.
Conservancy fairy shrimp *Branchinecta conservatio*	FE	-	Placer County Conservation Program	Central Valley.	Vernal pools in valley and foothill grassland. Found in large, turbid vernal pools.	Yolo County.
Delta green ground beetle *Elaphrus viridis*	FT	-	-	Jepson Prairie Preserve and surrounding vicinity; Solano County.	Vernal pool margins. Prefers the sandy mud substrate where it slopes gently into the water, with low-growing vegetation, 25-100 percent cover.	No documented occurrences within the MTP/SCS Plan Area.
Lange's metalmark butterfly *Apodemia mormo langei*	FE	-	-	Endemic to Antioch Dunes, Contra Costa County.	Inhabits stabilized dunes along the San Joaquin River. Primary host plant is *Eriogonum nudum* var *auriculatum*; feeds on nectar of other wildflowers, as well as host plant.	No documented occurrences within the MTP/SCS Plan Area.
Midvalley fairy shrimp *Branchinecta mesovallensis*	-	-	Natomas Basin HCP South Sacramento HCP	Central Valley.	Vernal pools in the Central Valley.	Sacramento and Yolo Counties.
Ricksecker's water scavenger beetle *Hydrochara ricksecker*i	-	-	South Sacramento HCP	San Francisco Bay area and Sacramento Valley.	Vernal pools, ponds, and seasonal wetlands.	Placer and Sacramento, Counties.

San Bruno elfin butterfly *Callophrys mossii bayensis*	FE	-	-	Found in the vicinity of San Bruno Mountain, San Mateo County.	Coastal, mountainous areas with grassy ground cover. Colonies are located on steep, north-facing slopes within the fog belt. Larval host plant is *Sedum spathulifolium*.	No documented occurrences within the MTP/SCS Plan Area.
Valley elderberry longhorn beetle *Desmocerus californicus dimorphus*	FT	-	Natomas Basin HCP South Sacramento HCP Yolo HCP/NCCP Placer County Conservation Program Yuba Sutter Regional Conservation Plan	Central Valley.	Riparian scrub. Occurs in association with blue elderberry (*Sambucus nigra* ssp. *caerulea*) shrubs.	El Dorado, Placer, Sacramento, Sutter, Yolo, and Yuba Counties.
Vernal pool fairy shrimp *Branchinecta lynchi*	FT	-	Natomas Basin HCP South Sacramento HCP Placer County Conservation Program Yuba Sutter Regional Conservation Plan	Central Valley, Central Coast mountains, and South Coast mountains.	Vernal pools in valley and foothill grassland. Inhabit small, clear-water sandstone depression pools and grassed swale, earth slump, or basalt-flow depression pools.	El Dorado, Placer, Sacramento, Sutter, Yolo, and Yuba Counties.
Vernal pool tadpole shrimp *Lepidurus packardi*	FE	-	Natomas Basin HCP South Sacramento HCP Placer County Conservation Program Yuba Sutter Regional	Sacramento Valley and Central Valley.	Vernal pools in valley and foothill grassland. Pools commonly found in grass-bottomed swales of unplowed grasslands, Some pools are mud-bottomed and highly turbid.	Placer, Sacramento, Sutter, Tehama, Tulare, Yolo, and Yuba Counties.

			Conservation Plan			
Mammals						
American badger *Taxidea taxus*	-	SSC	South Sacramento HCP	Throughout California, excluding Del Norte and Humboldt Counties.	Most abundant in drier open stages of most shrub, forest, and herbaceous habitats, with friable soils. Needs sufficient food, friable soils for burrowing, and open, uncultivated ground. Preys on burrowing rodents.	El Dorado, Sacramento, and Yolo Counties.
California wolverine *Gulo gulo*	FP	ST FP	-	Currently, the only known wolverine in California occurs in Tahoe National Forest.	Uncommon resident of the North Coast Range and the Sierra Nevada. Found in a wide variety of high elevation habitats. Needs water source. Uses caves, logs, burrows for cover and den area. Hunts in more open areas. Can travel long distances.	El Dorado and Placer Counties.
Fisher - West Coast DPS *Pekania pennanti*	FC	SSC	-	Coastal mountains from Del Norte County to Sonoma County, east through the Cascade Range to Lassen County, and south in the Sierra Nevada to Kern County.	Intermediate to large-tree stages of coniferous forests and deciduous-riparian areas with high percent canopy closure. Uses cavities, snags, logs and rocky areas for cover and denning. Needs large areas of mature, dense forest.	El Dorado, Placer, and Yuba Counties.
Marysville California kangaroo rat *Dipodomys californicus eximius*	-	SSC	-	Sutter Buttes in Sutter County.	Chaparral, valley and foothill grassland. Known only from the Sutter Buttes area. Friable soil, grass-forb stages of chaparral.	Sutter County.
Pallid bat *Antrozous pallidus*	-	SSC	-	Throughout California except the high Sierra Nevada from Shasta to Kern County, and the coast of northwestern California.	Most common in open, dry habitats with rocky areas for roosting. Roosts must protect bats from high temperatures. Very sensitive to disturbance of roosting sites.	El Dorado, Placer, Sacramento, Sutter, and Yolo Counties.

Ringtail *Bassariscus astutus*	-	FP	-	Through California except the southern Central Valley and Modoc Plateau.	Riparian habitats, forest habitats, and shrub habitats in lower to middle elevations. Usually found within 0.6 mile from a permanent water source.	Not tracked in the CNDDB.
Riparian brush rabbit *Sylvilagus bachmani riparius*	FE	SE	-	Northern Stanislaus County.	Riparian areas on the San Joaquin River in northern Stanislaus County. Dense thickets of wild rose, willows, and blackberries.	No documented occurrences within the MTP/SCS Plan Area.
Salt-marsh harvest mouse *Reithrodontomys raviventris*	FE	SE FP	-	San Francisco Bay area and the Sacramento-San Joaquin Delta.	Marsh and swamp, wetland. Only in the saline emergent wetlands of San Francisco Bay and its tributaries. Pickleweed is primary habitat but may occur in other marsh vegetation types and in adjacent upland areas. Does not burrow, build loosely organized nests. Requires higher areas for flood escape.	Sacramento County.
San Joaquin kit fox *Vulpes macrotis mutica*	FE	ST	-	Central Valley.	Chenopod scrub, valley and foothill grassland. Annual grasslands or grassy open stages with scattered shrubby vegetation. Need loose-textured sandy soils for burrowing, and suitable prey base.	No documented occurrences within the MTP/SCS Plan Area.
Sierra Nevada mountain beaver *Aplodontia rufa californica*	-	SSC	-	Mount Shasta and throughout the Sierra Nevada.	Riparian forest, riparian scrub, riparian woodland. Dense growth of small deciduous trees and shrubs, wet soil, and abundance of forbs in the Sierra Nevada and east slope. Needs dense understory for food and cover. Burrows into soft soil. Needs abundant supply of water.	El Dorado and Placer Counties.

Sierra Nevada red fox *Vulpes vulpes necator*	FC	ST	-	Only two small populations of Sierra Nevada red fox are currently known –one near Lassen Peak and one near Sonora Pass.	Historically found from the Cascades down to the Sierra Nevada. Found in a variety of habitats from wet meadows to forested areas. Use dense vegetation and rocky areas for cover and den sites. Prefer forests interspersed with meadows or alpine fell-fields.	El Dorado and Placer Counties.
Sierra Nevada snowshoe hare *Lepus americanus tahoensis*	-	SSC	-	Occurs in the Cascade mountains in Siskiyou and Del Norte Counties and the Sierra Nevada from Mt. Lassen south to Mono and Tulare Counties.	Boreal riparian areas; thickets of deciduous trees in riparian areas and thickets of young conifers.	El Dorado and Placer Counties.
Townsend's big-eared bat *Corynorhinus townsendii*	-	SSC	-	Cascade Range in Siskiyou and Del Norte Counties and Sierra Nevada from Mt. Lassen to Mono and Tulare Counties.	Throughout California in a wide variety of habitats. Most common in mesic sites. Roosts in the open, hanging from walls and ceilings. Roosting sites limiting. Extremely sensitive to human disturbance.	El Dorado, Placer, and Yolo Counties.
Western red bat *Lasiurus blossevillii*	-	SSC	South Sacramento HCP	Scattered throughout much of California at lower elevations.	Roosts primarily in trees, 2-40 feet above ground, from sea level up through mixed conifer forests. Prefers habitat edges and mosaics with trees that are protected from above and open below with open areas for foraging.	Sacramento, Sutter, Yolo, and Yuba Counties.
Western white-tailed jackrabbit *Lepus townsendii townsendii*	-	SSC	-	Occurs in the Great Basin, as well as high elevations on the crest of the Sierra Nevada and rarely to 6,000 feet on the western slope of this range.	Sagebrush, subalpine conifer, juniper, alpine dwarf shrub and perennial grassland. Open areas with scattered shrubs and exposed flat-topped hills with open stands of trees, brush and herbaceous understory.	Placer County.

[1] Legal Status Definitions

Federal:

FE Endangered (legally protected)
FT Threatened (legally protected)
FD Delisted

State:

FP Fully protected (legally protected)
SSC Species of special concern (no formal protection other than CEQA consideration)
SD Delisted
SE Endangered (legally protected)
ST Threatened (legally protected)

Sources: CNDDB 2019

[2] Known occurrences from CDFW's California Natural Diversity Database (CNDDB 2019).

Special-Status Fish Species Known or Potentially Occurring in the Plan Area of the Proposed MTP/SCS

Common and Scientific Names	Listing Status[1]			California Distribution	Habitats	Counties within the MTP/SCS Plan Area where Occurrences Have Been Documented[2]
	Federal	State	Local			
Chinook salmon - Central Valley spring-run ESU *Oncorhynchus tshawytscha* pop. 6	FT	ST	-	Upper Sacramento River and Feather River.	Sacramento/San Joaquin flowing waters. Adult numbers depend on pool depth and volume, amount of cover, and proximity to gravel. Water temps greater than 27 degrees Celsius are lethal to adults. Federal listing refers to populations spawning in Sacramento River and tributaries.	Sutter, Yolo, and Yuba Counties.
chinook salmon - Central Valley fall / late fall-run ESU *Oncorhynchus tshawytscha* pop. 13	-	SSC	Placer County Conservation Program	Sacramento and San Joaquin Rivers.	Populations spawning in the Sacramento and San Joaquin rivers and their tributaries.	
Chinook salmon - Sacramento River winter-run ESU *Oncorhynchus tshawytscha* pop. 7	FE	SE	-	Sacramento River and its tributaries.	Sacramento/San Joaquin flowing waters. Sacramento River below Keswick Dam. Spawns in the Sacramento River, but not in tributary streams. Requires clean, cold water over gravel beds with water temperatures between 6 and 14 degrees Celsius for spawning.	Yolo County.
Delta smelt *Hypomesus transpacificus*	FT	SE	-	Sacramento-San Joaquin Delta.	Sacramento-San Joaquin Delta. Seasonally in Suisun Bay, Carquinez Strait and San Pablo Bay. Seldom found at salinities greater than 10 ppt. Most often at salinities less than 2 ppt.	Sacramento and Yolo Counties.
Eulachon *Thaleichthys pacificus*	FT	-	-	Northern California watersheds including Klamath, Mad, Smith, and Sacramento Rivers and tributaries.	Spawn in lower reaches of coastal rivers with moderate water velocities and bottom of pea-sized gravel, sand and woody debris.	Sutter and Yolo Counties.

Lahontan cutthroat trout *Oncorhynchus clarkii henshawi*	FT	-	-	High-elevation mountain streams along the Sierra Nevada crest.	Historically in all accessible cold waters of the Lahontan Basin in a wide variety of water temperatures and conditions. Cannot tolerate presence of other salmonids. Requires gravel riffles in streams for spawning.	El Dorado and Placer Counties.
Longfin smelt *Spirinchus thaleichthys*	FC	SSC	-	San Francisco Estuary, Sacramento-San Joaquin Delta, Humboldt Bay, and the estuaries of the Eel River and Klamath River.	Euryhaline, nektonic and anadromous. Found in open waters of estuaries, mostly in middle or bottom of water column. Prefer salinities of 15-30 ppt but can be found in completely freshwater to almost pure seawater.	Sacramento, Sutter, and Yolo Counties.
Sacramento perch *Archoplites interruptus*	-	SSC	-	Clear Lake, Alameda Creek, and Calaveras Reservoir, as well as in some farm ponds and reservoirs. Introduced through the state including the upper Klamath basin, upper Pit River watershed, Walker River watershed, Mono Lake watershed, and Owens River watershed, and may exist in Sonoma Reservoir in the Russian River watershed.	Historically found in the sloughs, slow-moving rivers, and lakes of the Central Valley. Prefers warm water. Aquatic vegetation is essential for young. Tolerates wide range of physio-chemical water conditions.	Sacramento County.
Sacramento splittail *Pogonichthys macrolepidotus*	-	SSC	-	Sacramento-San Joaquin Delta, Suisun Bay, Suisun Marsh, Napa River, Petaluma River, and other parts of the San Francisco Estuary.	Endemic to the lakes and rivers of the Central Valley, but now confined to the Delta, Suisun Bay and associated marshes. Slow moving river sections, dead end sloughs. Requires flooded vegetation for spawning and foraging for young.	Sacramento, Sutter, and Yolo Counties.
Steelhead - Central Valley DPS *Oncorhynchus mykiss irideus* pop. 11	FT	-	Placer County Conservation Program Yuba Sutter Regional Conservation Plan	Sacramento River and tributary Central Valley rivers.	Sacramento/San Joaquin flowing waters. Populations in the Sacramento and San Joaquin rivers and their tributaries.	El Dorado, Placer, Sacramento, Sutter, Yolo, and Yuba Counties.

[1] Legal Status Definitions
[2] Known occurrences from CDFW's California Natural Diversity Database (CNDDB 2019)

ppt = parts per trillion

Federal:

FE Endangered (legally protected)
FT Threatened (legally protected)
FD Delisted

State:

FP Fully protected (legally protected)
SSC Species of special concern (no formal protection other than CEQA consideration)
SD Delisted
SE Endangered (legally protected)
ST Threatened (legally protected)

Sources: CNDDB 2019

Appendix BIO – 2

Sensitive Natural Communities in the Plan Area of the Proposed MTP/SCS

Sensitive Natural Communities with Potential to Occur in the Plan Area of the Proposed MTP/SCS
Chamise-Redshank Chaparral Alliance
-*Chamise chaparral - Serpentine
Mixed Chaparral
-*Hoary manzanita chaparral (interior coast ranges)
-*Common whiteleaf manzanita chaparral
-*Whiteleaf manzanita chaparral
-*Bush chinquapin chaparral
-*Shrub tanoak chaparral
-*Choke cherry thickets
-*Ione manzanita
Blue Oak Woodland Alliance
-*Blue oak woodland–valley oak woodland
-*Blue oak woodland / birch leaf mountain mahogany chaparral / bowlesia–woodland star
-*Blue oak woodland / California juniper-wedgeleaf ceanothus
-* Blue oak woodland / Hansen's spikemoss-purple navarretia
Interior Live Oak Woodland Alliance
-*Interior live oak – Ponderosa pine
-*Interior live oak – ghost pine/common manzanita
-*Interior live oak – red willow/California coffeeberry
Grassland
Annual Grassland
-*Indian rice grass grassland
-*?Meadow barley patches
-*?Iris-leaf rush seeps
-*?White-tip clover swales
-*Fremont's goldfields-saltgrass alkaline vernal pools
-*Fremont's goldfields-Downingia vernal pools
-*Smoth goldfields vernal pool bottoms
-*?Fremont's tidy-tips-Blow wives vernal pools
-*Water blinks-Annual checkerbloom vernal pools
-*Tar plant fields
-*California button-celery patches
Perennial Grassland
-*Indian rice grass grassland
-*Congdon's sedge talus
-*?Douglas's sedge meadows
-*Heller's sedge fell-fields
-*? Small-fruited sedge meadows
-*Showy sedge sod
-*?Mount Shasta sedge meadows
-*Dark alpine sedge turf
-*California oat grass prairie
-*?Blue wild rye meadows
-*? Gum plant patches

-*Creeping rye grass turfs
-*Torrey's melic grass patches
-*Deer grass beds
-*?Nodding needle grass grassland
-*?Purple needle grass grassland
-*?Mountain sorrel patches
Aspen Forest*
*Aspen Riparian Forest
-*Aspen-Lodgepole pine/common sagebrush-Kentucky blue grass
-*Aspen/common sagebrush-western pennyroyal-milk kelloggia
-*Aspen/mountain brome
-*Aspen/dry graminoid
-*Aspen/mesic forb
-*Aspen/western pennyroyal
-*Aspen/Jeffrey pine
-*Aspen/Kentucky blue grass
-*Aspen/Prunus
-*Aspen/Woods' rose
-*Aspen/Common snowberry
-*Aspen/mountain snowberry
-*Aspen/upland
-*Aspen/California false hellebore
Douglas fir Forest
-*Douglas fir/incense cedar
Montane Hardwood Forest
-*Bigleaf maple forest
-*California buckeye groves
-*Tanoak forest
Montane Hardwood-Coniferous Forest
-*Bigleaf maple forest
Ponderosa Pine Forest
-*Washoe pine woodland
Valley Oak Savanah
-*Valley oak/grass (Riparian)
Open Water
Estuarine and Marine Deepwater
-*Ditch-grass or widgeon-grass mats
-*Pondweed mats
Lake
-*Water sedge and Lakeshore sedge meadows
Montane Riparian*
-*Mountain alder thicket
-*Water birch thicket
-*?Torrent sedge patches
-*?Red osier thickets
-*?Oregon ash groves

-*Hinds's walnut and related stands
-*Freemont cottonwood forest
-*Black cottonwood forest
-*Western Labrador-tea thickets
-*Geyer willow thickets
-*Jepson willow thickets
-*Lemmon's willow thickets
-*Tea-leaved willow thickets
Valley Foothill Riparian
-*Box-elder forest
-*Torrent sedge patches
-*Button willow thickets
-*Red osier thickets
-*Fremont cottonwood forest
-*Black cottonwood forest
-*California rose briar patches
-*Red-willow thickets
-*Shinning willow thickets
Scrub
Sagebrush Scrub
-*Silver sagebrush scrub
Valley Oak Woodland*
-*Valley oak woodland
Wetland
Freshwater Aquatic
-*Mats of floating pennywort
-*Pondweed mats
-*?Quillwort beds
-*?Yellow pond-lily mats
-*?Mats of bur-reed leaves
Freshwater Emergent
-*Box elder forest
-*?White-root beds
-*?Meadow barley patches
-*?Iris-leaf rush seeps
-*?Common monkey flower seeps
-*?Yellow pond-lily mats
-*?Water-parsley marsh
-*Western Labrador-tea thickets
-*Black willow thickets
-*Blue elderberry stands
-*American bulrush marsh
-*Small-fruited bulbrush marsh
-*Mats of bur-reed leaves
-*?Pondweed mats
-*?Floating mats of weak manna grass
Freshwater Swamp

-*?Red osier thickets
Saline wetland
-*American bulrush marsh
-*Alkali heath marsh
Vernal Pools
-*Fremont's goldfields-Downingia vernal pools
-*Smoth goldfields vernal pool bottoms
-*?Fremont's tidy-tips-Blow wives vernal pools
-*Water blinks-Annual checkerbloom vernal pools
-*?Tar plant fields
-*?California button-celery patches
-*?California button-celery patches
Wet meadow
-*?White tip clover swales
-*Bog blue berry wet meadows
Saline Emergent
-*Pacific silverweed marshes
-*Parish's grasswort patches
-* Salt marsh bulrush marshes
-*Alkali heath marsh
-*?Gum plant patches
-*Fremont's goldfields-Saltgrass alkaline vernal pools
-*Ditch-grass or widgeon-grass mats
-*Pickleweed mats
-*Western sea-purslane marshes
-*California cordgrass marsh
Source: CDFG 2010 and CNPS 2015. Note: Because the wildlands land cover data used in this analysis are derived from a number of land surveys and data sources they do not necessarily match with the natural communities as listed by CDFW. However, these wildlands land cover types could support sensitive natural communities because they are associated with the wildland cover type. The natural communities listed here represents a conservative approach to try to capture all of these sensitive communities. (*) associations currently considered sensitive by CDFW (*?) A question mark (?) denotes an inexact numeric rank due to insufficient samples over the full expected range of the type, but existing information points to this rank.

Appendix CR – 1

Native American Heritage Commission Letter

STATE OF CALIFORNIA **Gavin Newsom, Governor**

NATIVE AMERICAN HERITAGE COMMISSION
Cultural and Environmental Department
1550 Harbor Blvd., Suite 100
West Sacramento, CA 95691
Phone: (916) 373-3710
Email: nahc@nahc.ca.gov
Website: http://www.nahc.ca.gov
Twitter: @CA_NAHC

6/21/2019

Cindy Arrington
Natural Investigations Co., Inc.

VIA Email to: cindy@naturalinvestigations.com

RE: SACOG MTP/SCS EIR Update, Yuba, Placer, El Dorado, Sacramento, Sutter, and Yolo Counties.

Dear Ms. Arrington:

A record search of the Native American Heritage Commission (NAHC) Sacred Lands File (SLF) was completed for the information you have submitted for the above referenced project. The results were positive. Please contact the Tribes on the attached list for more information. Other sources of cultural resources should also be contacted for information regarding known and recorded sites.

Attached is a list of Native American tribes who may also have knowledge of cultural resources in the project area. This list should provide a starting place in locating areas of potential adverse impact within the proposed project area. I suggest you contact all of those indicated; if they cannot supply information, they might recommend others with specific knowledge. By contacting all those listed, your organization will be better able to respond to claims of failure to consult with the appropriate tribe. If a response has not been received within two weeks of notification, the Commission requests that you follow-up with a telephone call or email to ensure that the project information has been received.

If you receive notification of change of addresses and phone numbers from tribes, please notify the NAHC. With your assistance, we can assure that our lists contain current information. If you have any questions or need additional information, please contact me at my email address: Katy.Sanchez@nahc.ca.gov.

Sincerely,

for Katy Sanchez

Associate Environmental Planner

Attachment

Native American Heritage Commission
Native American Contacts List
6/26/2019

Colfax-Todds Valley Consolidated Tribe
Pamela Cubbler, Treasurer
P.O. Box 4884 Miwok
Auburn ,CA 95604 Maidu
PCubbler@colfaxrancheria.com
(530) 320-3943

Colfax-Todds Valley Consolidated Tribe
Clyde Prout, Chairman
P.O. Box 4884 Miwok
Auburn ,CA 95604 Maidu
miwokmaidu@yahoo.com
(916) 577-3558

Ione Band of Miwok Indians
Sara Dutschke Setchwaelo, Chairperson
P.O. Box 699 Miwok
Plymouth ,CA 95669
sara@ionemiwok.org
(209) 245-5800 Office
(209) 245-6377 Fax

Nashville Enterprise Miwok-Maidu-Nishinam Tribe
Cosme A. Valdez, Chairperson
P.O. Box 580986 Miwok
Elk Grove ,CA 95758-001
valdezcome@comcast.net
(916) 429-8047 Voice/Fax
(916) 396-1173 Cell

Shingle Springs Band of Miwok Indians
Regina Cuellar, Chairperson
P.O. Box 1340 Miwok
Shingle Springs ,CA 95682 Maidu
rcuellar@ssband.org
(530) 387-4970
(530) 387-8067 Fax

Tsi Akim Maidu
Grayson Coney, Cultural Director
P.O. Box 510 Maidu
Browns Valley ,CA 95918
tsi-akim-maidu@att.net
(530) 274-7497

Tsi Akim Maidu
Don Ryberg, Chairperson
P.O. Box 510 Maidu
Browns Valley ,CA 95918
tsi-akim-maidu@att.net
(530) 383-7234

United Auburn Indian Community of the Auburn Rancheria
Gene Whitehouse, Chairperson
10720 Indian Hill Road Maidu
Auburn ,CA 95603 Miwok
bguth@auburnrancheria.com
(530) 883-2390 Office
(530) 883-2380 Fax

Washoe Tribe of Nevada and California □□□□
Darrel Cruz, Cult Res Dept. THPO
919 Highway 395 North Washoe
Gardnerville ,NV 89410
Darrel.Cruz@washoetribe.us
(775) 265-8600 x10714
(775) 546-3421 Cell

This list is current as of the date of this document and is based on the information available to the Commission on the date it was produced.

Distribution of this list does not relieve any person of statutory responsibility as defined in Section 7050.5 of the Health and Safety Code,Section 5097.94 of the Public Resources Code, or Section 5097.98 of the Public Resources Code.

This list is only applicable for contacting local Native Americans Tribes for the proposed: SACOG EIR Update, Project 674, El Dorado.

Native American Heritage Commission
Native American Contacts List
6/26/2019

Colfax-Todds Valley Consolidated Tribe
Pamela Cubbler, Treasurer
P.O. Box 4884 Miwok
Auburn ,CA 95604 Maidu
PCubbler@colfaxrancheria.com
(530) 320-3943

Colfax-Todds Valley Consolidated Tribe
Clyde Prout, Chairman
P.O. Box 4884 Miwok
Auburn ,CA 95604 Maidu
miwokmaidu@yahoo.com
(916) 577-3558

Shingle Springs Band of Miwok Indians
Regina Cuellar, Chairperson
P.O. Box 1340 Miwok
Shingle Springs ,CA 95682 Maidu
rcuellar@ssband.org
(530) 387-4970
(530) 387-8067 Fax

Tsi Akim Maidu
Grayson Coney, Cultural Director
P.O. Box 510 Maidu
Browns Valley ,CA 95918
tsi-akim-maidu@att.net
(530) 274-7497

Tsi Akim Maidu
Don Ryberg, Chairperson
P.O. Box 510 Maidu
Browns Valley ,CA 95918
tsi-akim-maidu@att.net
(530) 383-7234

United Auburn Indian Community of the Auburn Rancheria
Gene Whitehouse, Chairperson
10720 Indian Hill Road Maidu
Auburn ,CA 95603 Miwok
bguth@auburnrancheria.com
(530) 883-2390 Office
(530) 883-2380 Fax

Washoe Tribe of Nevada and California □□□□
Darrel Cruz, Cult Res Dept. THPO
919 Highway 395 North Washoe
Gardnerville ,NV 89410
Darrel.Cruz@washoetribe.us
(775) 265-8600 x10714
(775) 546-3421 Cell

This list is current as of the date of this document and is based on the information available to the Commission on the date it was produced.

Distribution of this list does not relieve any person of statutory responsibility as defined in Section 7050.5 of the Health and Safety Code,Section 5097.94 of the Public Resources Code, or Section 5097.98 of the Public Resources Code.

This list is only applicable for contacting local Native Americans Tribes for the proposed: SACOG EIR Update, Project 674, Placer County.

Native American Heritage Commission
Native American Contacts List
6/26/2019

Buena Vista Rancheria of Me-Wuk Indians
Rhonda Morningstar Pope, Chairperson
1418 20th Street, Suite 200 Me-Wuk / Miwok
Sacramento ,CA 95811
rhonda@buenavistatribe.com
(916) 491-0011 Office
(916) 491-0012 Fax

Colfax-Todds Valley Consolidated Tribe
Pamela Cubbler, Treasurer
P.O. Box 4884 Miwok
Auburn ,CA 95604 Maidu
PCubbler@colfaxrancheria.com
(530) 320-3943

Colfax-Todds Valley Consolidated Tribe
Clyde Prout, Chairman
P.O. Box 4884 Miwok
Auburn ,CA 95604 Maidu
miwokmaidu@yahoo.com
(916) 577-3558

Ione Band of Miwok Indians
Sara Dutschke Setchwaelo, Chairperson
P.O. Box 699 Miwok
Plymouth ,CA 95669
sara@ionemiwok.org
(209) 245-5800 Office
(209) 245-6377 Fax

Nashville Enterprise Miwok-Maidu-Nishinam Tribe
Cosme A. Valdez, Chairperson
P.O. Box 580986 Miwok
Elk Grove ,CA 95758-001
valdezcome@comcast.net
(916) 429-8047 Voice/Fax
(916) 396-1173 Cell

Shingle Springs Band of Miwok Indians
Regina Cuellar, Chairperson
P.O. Box 1340 Miwok
Shingle Springs ,CA 95682 Maidu
rcuellar@ssband.org
(530) 387-4970
(530) 387-8067 Fax

Tsi Akim Maidu
Grayson Coney, Cultural Director
P.O. Box 510 Maidu
Browns Valley ,CA 95918
tsi-akim-maidu@att.net
(530) 274-7497

Tsi Akim Maidu
Don Ryberg, Chairperson
P.O. Box 510 Maidu
Browns Valley ,CA 95918
tsi-akim-maidu@att.net
(530) 383-7234

United Auburn Indian Community of the Auburn Rancheria
Gene Whitehouse, Chairperson
10720 Indian Hill Road Maidu
Auburn ,CA 95603 Miwok
bguth@auburnrancheria.com
(530) 883-2390 Office
(530) 883-2380 Fax

Wilton Rancheria
Raymond Hitchcock, Chairperson
9728 Kent Street Miwok
Elk Grove ,CA 95624
rhitchcock@wiltonrancheria-nsn.gov
(916) 683-6000 Office
(916) 683-6015 Fax

This list is current as of the date of this document and is based on the information available to the Commission on the date it was produced.

Distribution of this list does not relieve any person of statutory responsibility as defined in Section 7050.5 of the Health and Safety Code,Section 5097.94 of the Public Resources Code, or Section 5097.98 of the Public Resources Code.

This list is only applicable for contacting local Native Americans Tribes for the proposed: SACOG EIR Update, Project 674, Sacramento County.

Native American Heritage Commission
Native American Contacts List
6/26/2019

Mechoopda Indian Tribe
Dennis E. Ramirez, Chairperson
125 Mission Ranch Blvd — Mechoopda Maidu
Chico ,CA 95926 — Concow
dramirez@mechoopda-nsn.gov
(530) 899-8922
(530) 899-8517 - Fax

Estom Yumeka Maidu Tribe of the Enterprise Rancheria
Glenda Nelson, Chairperson
2133 Monte Vista Avenue — Maidu
Oroville ,CA 95966
info@enterpriserancheria.org
(530) 532-9214
(530) 532-1768 Fax

Mooretown Rancheria of Maidu Indians
Benjamin Clark, Chairperson
#1 Alverda Drive — Maidu
Oroville ,CA 95966 — KonKow / Concow
frontdesk@mooretown.org
(530) 533-3625
(530) 533-3680 Fax

United Auburn Indian Community of the Auburn Rancheria
Gene Whitehouse, Chairperson
10720 Indian Hill Road — Maidu
Auburn ,CA 95603 — Miwok
bguth@auburnrancheria.com
(530) 883-2390 Office
(530) 883-2380 Fax

Pakan'yani Maidu of Strawberry Valley Rancheria
Tina Goodwin
P.O. Box 984 — Maidu
Marysville ,CA 95901 — Miwok
tinagoodwin@washoetanf.org
(916) 501-2482
(617) 417-2166

Mooretown Rancheria of Maidu Indians
Guy Taylor, Cultural Resources
#1 Alverda Drive — Maidu
Oroville ,CA 95966 — KonKow/Concow
(530) 533-3625
(530) 533-3680 Fax

This list is current as of the date of this document and is based on the information available to the Commission on the date it was produced.

Distribution of this list does not relieve any person of statutory responsibility as defined in Section 7050.5 of the Health and Safety Code,Section 5097.94 of the Public Resources Code, or Section 5097.98 of the Public Resources Code.

This list is only applicable for contacting local Native Americans Tribes for the proposed: SACOG EIR Update, Project 674, Sutter County.

Native American Heritage Commission
Native American Contacts List
6/26/2019

Cortina Rancheria - Kletsel Dehe Band of Wintun Indians
Charlie Wright, Chairperson
P.O. Box 1630 Wintun / Patwin
Williams ,CA 95987
(530) 473-3274 Office
(530) 473-3301 Fax

United Auburn Indian Community of the Auburn Rancheria
Gene Whitehouse, Chairperson
10720 Indian Hill Road Maidu
Auburn ,CA 95603 Miwok
bguth@auburnrancheria.com
(530) 883-2390 Office
(530) 883-2380 Fax

Yocha Dehe Wintun Nation
Anthony Roberts, Chairperson
P.O. Box 18 Wintun (Patwin)
Brooks ,CA 95606
aroberts@yochadehe-nsn.gov
(530) 796-3400
(530) 796-2143 Fax

This list is current as of the date of this document and is based on the information available to the Commission on the date it was produced.

Distribution of this list does not relieve any person of statutory responsibility as defined in Section 7050.5 of the Health and Safety Code,Section 5097.94 of the Public Resources Code, or Section 5097.98 of the Public Resources Code.

This list is only applicable for contacting local Native Americans Tribes for the proposed: SACOG EIR Update, Project 674, Yolo County.

Native American Heritage Commission
Native American Contacts List
6/26/2019

Colfax-Todds Valley Consolidated Tribe
Pamela Cubbler, Treasurer
P.O. Box 4884 Miwok
Auburn ,CA 95604 Maidu
PCubbler@colfaxrancheria.com
(530) 320-3943

Colfax-Todds Valley Consolidated Tribe
Clyde Prout, Chairman
P.O. Box 4884 Miwok
Auburn ,CA 95604 Maidu
miwokmaidu@yahoo.com
(916) 577-3558

Estom Yumeka Maidu Tribe of the Enterprise Rancheria
Glenda Nelson, Chairperson
2133 Monte Vista Avenue Maidu
Oroville ,CA 95966
info@enterpriserancheria.org
(530) 532-9214
(530) 532-1768 Fax

Mooretown Rancheria of Maidu Indians
Benjamin Clark, Chairperson
#1 Alverda Drive Maidu
Oroville ,CA 95966 KonKow / Concow
frontdesk@mooretown.org
(530) 533-3625
(530) 533-3680 Fax

Mooretown Rancheria of Maidu Indians
Guy Taylor, Cultural Resources
#1 Alverda Drive Maidu
Oroville ,CA 95966 KonKow/Concow
(530) 533-3625
(530) 533-3680 Fax

Pakan'yani Maidu of Strawberry Valley Rancheria
Tina Goodwin
P.O. Box 984 Maidu
Marysville ,CA 95901 Miwok
tinagoodwin@washoetanf.org
(916) 501-2482
(617) 417-2166

Tsi Akim Maidu
Grayson Coney, Cultural Director
P.O. Box 510 Maidu
Browns Valley ,CA 95918
tsi-akim-maidu@att.net
(530) 274-7497

Tsi Akim Maidu
Don Ryberg, Chairperson
P.O. Box 510 Maidu
Browns Valley ,CA 95918
tsi-akim-maidu@att.net
(530) 383-7234

United Auburn Indian Community of the Auburn Rancheria
Gene Whitehouse, Chairperson
10720 Indian Hill Road Maidu
Auburn ,CA 95603 Miwok
bguth@auburnrancheria.com
(530) 883-2390 Office
(530) 883-2380 Fax

This list is current as of the date of this document and is based on the information available to the Commission on the date it was produced.

Distribution of this list does not relieve any person of statutory responsibility as defined in Section 7050.5 of the Health and Safety Code,Section 5097.94 of the Public Resources Code, or Section 5097.98 of the Public Resources Code.

This list is only applicable for contacting local Native Americans Tribes for the proposed: SACOG EIR Update, Project 674, YubaCounty .

Appendix NOI – 1

Traffic Noise Modeling Summary

Traffic Noise Spreadsheet Calculator

Project:

Noise Level Descriptor: CNEL
Site Conditions: Soft
Traffic Input: ADT
Traffic K-Factor:

Segment Description and Location				Input										Output				
						Distance to Directional Centerline, (feet)[4]		Traffic Distribution Characteristics						CNEL,	Distance to Contour, (feet)[3]			
Number	Road	Cross Street	Community Type	ADT	Speed (mph)	Near	Far	% Auto	% Medium	% Heavy	% Day	% Eve	% Night	(dBA)[5,6,7]	70 dBA	65 dBA	60 dBA	55 dBA
0																		
501	I-5	North of Elk Grove Blvd	Rural Residential	72,810	21	120	180	82.5%	4.4%	13.1%	85.0%	7.5%	7.5%	68.0	109	234	504	1087
502	I-5	North of Laguna Blvd	Rural Residential	102,270	32	105	195	86.7%	3.3%	10.0%	85.0%	7.5%	7.5%	70.3	150	323	696	1499
503	I-5	North of Florin Road	Established	109,660	21	105	195	88.5%	2.9%	8.6%	85.0%	7.5%	7.5%	68.6	116	250	539	1162
504	I-5	South of Florin Road	Established	129,520	25	90	210	90.4%	2.4%	7.2%	85.0%	7.5%	7.5%	69.7	131	282	607	1309
505	I-5	South of US50	Established	158,570	32	90	210	92.8%	1.8%	5.4%	85.0%	7.5%	7.5%	71.1	164	353	759	1636
506	I-5 / American River Crossing	at American River	Corridor	205,000	40	75	225	95.0%	1.2%	3.7%	85.0%	7.5%	7.5%	74.5	260	560	1206	2598
507	I-5	South of I-80	Established	172,000	31	83	217.5	94.0%	1.5%	4.5%	85.0%	7.5%	7.5%	71.2	161	347	748	1613
508	I-5	North of I-80	Established	119,960	40	75	225	94.0%	1.5%	4.5%	85.0%	7.5%	7.5%	72.5	191	412	887	1911
509	I-5	South of Del Paso Road	Established	113,200	40	90	210	93.1%	1.7%	5.2%	85.0%	7.5%	7.5%	71.6	176	380	819	1765
510	I-5	South of State Route 70/99	Established	134,000	31	98	202.5	92.4%	1.9%	5.7%	85.0%	7.5%	7.5%	70.0	139	301	647	1395
511	I-5	East of Airport Boulevard	Rural Residential	90,000	22	120	180	92.8%	1.8%	5.4%	85.0%	7.5%	7.5%	65.7	76	164	354	763
512	I-5	East of Old River Road	Established	67,090	33	120	180	90.7%	2.3%	6.9%	85.0%	7.5%	7.5%	67.2	96	207	445	959
513	I-5	at Sacramento River Crossing	Established	58,800	33	120	180	90.8%	2.3%	6.9%	85.0%	7.5%	7.5%	66.6	88	189	406	875
1501	Richards Boulevard	East of 5th Street	Corridor	17,980	30	120	180	97.2%	0.7%	2.1%	85.0%	7.5%	7.5%	58.2	24	52	111	239
1503	N. 12th Street	North of Richards Boulevard	Corridor	15,350	30	120	180	99.3%	0.2%	0.6%	85.0%	7.5%	7.5%	56.1	17	38	81	174
1504	N. 16th Street	North of Richards Boulevard	Corridor	22,570	40	120	180	99.2%	0.2%	0.6%	85.0%	7.5%	7.5%	61.4	39	84	182	392
1505	I Street	East of 5th Street	Corridor	18,950	25	120	180	98.7%	0.3%	1.0%	85.0%	7.5%	7.5%	55.6	16	35	75	162
1506	5th Street	North of J Street	Corridor	2,020	20	120	180	98.7%	0.3%	1.0%	85.0%	7.5%	7.5%	44.5	3	6	14	29
1509	Capitol Mall	East of 1st Street	Corridor	11,560	20	120	180	99.5%	0.1%	0.4%	85.0%	7.5%	7.5%	50.7	8	16	35	76
1510	P Street	East of 3rd Street	Corridor	11,340	25	128	172.5	97.9%	0.5%	1.6%	85.0%	7.5%	7.5%	54.0	13	27	59	127
1511	Q Street	East of 3rd Street	Corridor	11,790	25	120	180	98.1%	0.5%	1.4%	85.0%	7.5%	7.5%	54.2	13	28	60	129
1521	P Street	West of 26th Street	Corridor	8,160	25	135	165	99.3%	0.2%	0.5%	85.0%	7.5%	7.5%	51.1	8	18	38	82
1522	L Street	West of 29th Street	Corridor	5,780	25	135	165	99.2%	0.2%	0.6%	85.0%	7.5%	7.5%	49.7	7	14	31	67
1524	Freeport Boulevard	South of Broadway	Corridor	7,350	25	135	165	99.8%	0.1%	0.2%	85.0%	7.5%	7.5%	50.1	7	15	33	71
1525	South Land Park	South of Broadway	Corridor	10,790	25	120	180	99.8%	0.0%	0.1%	85.0%	7.5%	7.5%	52.0	9	20	43	92
1526	Riverside Boulevard	South of Broadway	Corridor	11,780	20	128	172.5	99.8%	0.0%	0.1%	85.0%	7.5%	7.5%	49.9	7	15	32	68
2001	Fiddyment Rd	North of Athens Ave	Rural Residential	1,710	45	135	165	99.2%	0.2%	0.6%	85.0%	7.5%	7.5%	51.5	9	19	40	87
2002	Industrial Ave	North of Athens Ave	Established	2,620	45	135	165	99.6%	0.1%	0.3%	85.0%	7.5%	7.5%	53.1	11	24	52	112
2004	Sierra College Blvd	South of English Colony Way	Rural Residential	7,980	50	135	165	99.5%	0.1%	0.4%	85.0%	7.5%	7.5%	59.4	29	63	137	294
2008	Roseville Rd	South of Cirby Way	Established	15,710	50	135	165	99.6%	0.1%	0.3%	85.0%	7.5%	7.5%	62.3	46	99	213	460
2010	Sunrise Boulevard	South of Twin Oaks Ave	Established	31,030	40	120	180	98.9%	0.3%	0.8%	85.0%	7.5%	7.5%	62.9	49	106	229	493
2011	Old Auburn Rd	South of Lund Dr	Established	14,160	30	135	165	99.8%	0.0%	0.1%	85.0%	7.5%	7.5%	55.1	15	32	70	151
2013	Ferrari Ranch Rd	West of SR 65	Corridor	16,650	40	120	180	99.9%	0.0%	0.1%	85.0%	7.5%	7.5%	59.7	30	65	140	302
2014	Joiner Parkway	East of Overpass over SR 65	Corridor	5,870	40	120	180	99.9%	0.0%	0.1%	85.0%	7.5%	7.5%	55.2	15	33	70	151
2016	Twelve Bridges Drive	East of Industrial Ave	Established	1,980	40	135	165	99.3%	0.2%	0.5%	85.0%	7.5%	7.5%	50.5	7	16	35	75
2017	Sunset Blvd	West of SR 65	Established	16,450	35	135	165	97.9%	0.5%	1.6%	85.0%	7.5%	7.5%	58.8	27	57	123	266
2018	Blue Oaks Blvd	West of SR 65	Established	49,260	40	120	180	98.5%	0.4%	1.1%	85.0%	7.5%	7.5%	65.1	69	148	320	689
2019	Washington Blvd	South of Blue Oaks Blvd	Established	16,340	45	120	180	99.4%	0.2%	0.5%	85.0%	7.5%	7.5%	61.4	39	85	183	395
2020	Pleasant Grove Blvd	West of SR 65	Established	53,440	35	105	195	99.7%	0.1%	0.2%	85.0%	7.5%	7.5%	63.5	53	114	246	530
2021	Galleria Blvd	South of SR 65	Established	51,240	35	105	195	99.7%	0.1%	0.2%	85.0%	7.5%	7.5%	63.4	52	111	240	517
2023	SR-193	West of Ferrari Ranch Rd	Established	10,770	25	135	165	97.4%	0.7%	2.0%	85.0%	7.5%	7.5%	54.1	13	28	60	130
2024	Sierra College Blvd	north of Secret Ravine Pkwy	Established	19,190	45	120	180	98.4%	0.4%	1.2%	85.0%	7.5%	7.5%	62.5	47	100	216	465
2027	Sunset Blvd	East of SR 65	Established	24,100	35	120	180	98.8%	0.3%	0.9%	85.0%	7.5%	7.5%	60.2	33	70	152	327
2028	Blue Oaks Blvd	East of SR 65	Established	27,640	35	120	180	99.7%	0.1%	0.2%	85.0%	7.5%	7.5%	60.2	33	71	152	328
2029	Pleasant Grove Blvd	East of SR 65	Established	41,800	35	105	195	99.9%	0.0%	0.1%	85.0%	7.5%	7.5%	62.4	44	96	206	444

2030	Stanford Ranch Rd	North of SR 65	Established	43,580	45	105	195	99.6%	0.1%	0.3%	85.0%	7.5%	7.5%	66.0	78	168	361	778
2031	Moore Rd	East of Fiddyment Rd	Developing	1,200	45	135	165	99.1%	0.2%	0.7%	85.0%	7.5%	7.5%	50.0	7	15	32	69
2032	PFE Rd	East of Walerga Rd	Established	6,120	35	135	165	99.3%	0.2%	0.5%	85.0%	7.5%	7.5%	53.7	12	26	57	122
2033	Athens Ave	East of Fiddyment Rd	Developing	6,280	40	135	165	99.6%	0.1%	0.3%	85.0%	7.5%	7.5%	55.4	16	34	73	158
2035	Blue Oaks Blvd	East of Fiddyment Rd	Established	12,000	40	105	195	99.4%	0.2%	0.5%	85.0%	7.5%	7.5%	59.0	26	57	122	263
2037	Pleasant Grove Blvd	East of Fiddyment Rd	Established	21,330	40	120	180	99.2%	0.2%	0.6%	85.0%	7.5%	7.5%	61.1	38	81	174	375
2041	SR-193	West of Sierra College Blvd	Established	9,380	45	135	165	97.2%	0.7%	2.1%	85.0%	7.5%	7.5%	59.6	30	65	140	302
2042	Twelve Bridges Drive	West of Sierra College Blvd	Established	2,620	40	135	165	99.8%	0.1%	0.2%	85.0%	7.5%	7.5%	51.5	9	19	40	87
2043	Secret Ravine Pkwy	West of Sierra College Blvd	Established	7,200	45	120	180	99.0%	0.2%	0.7%	85.0%	7.5%	7.5%	58.0	23	50	108	234
2045	Douglas Blvd	West of Sierra College Blvd	Established	51,000	45	105	195	99.2%	0.2%	0.6%	85.0%	7.5%	7.5%	66.9	88	191	411	885
2046	Eureka Rd	West of Sierra College Blvd	Established	6,690	35	120	180	99.3%	0.2%	0.5%	85.0%	7.5%	7.5%	54.3	13	29	62	133
2047	Roseville Pkwy	West of Sierra College Blvd	Established	18,130	35	120	180	98.7%	0.3%	1.0%	85.0%	7.5%	7.5%	59.0	27	59	127	273
2048	Old Auburn Rd	West of Sierra College Blvd	Established	11,930	30	120	180	99.7%	0.1%	0.2%	85.0%	7.5%	7.5%	54.6	14	30	65	139
2049	Fiddyment Rd	West of Pleasant Grove Blvd	Established	18,390	40	120	180	99.4%	0.2%	0.5%	85.0%	7.5%	7.5%	60.4	34	73	156	337
2050	Woodcreek Oaks Blvd	South of Pleasant Grove Blvd	Established	12,720	35	120	180	98.7%	0.3%	0.9%	85.0%	7.5%	7.5%	57.4	21	46	99	214
2052	Foothills Blvd	South of Pleasant Grove Blvd	Established	30,590	40	120	180	99.1%	0.2%	0.7%	85.0%	7.5%	7.5%	62.7	48	104	224	482
2053	Washington Blvd	South of Pleasant Grove Blvd	Established	18,670	40	135	165	99.6%	0.1%	0.3%	85.0%	7.5%	7.5%	60.1	33	70	151	326
2054	Roseville Pkwy	East of Pleasant Grove Blvd	Established	46,960	40	105	195	99.1%	0.2%	0.7%	85.0%	7.5%	7.5%	65.0	67	144	310	668
2055	Fairway Dr	East of Pleasant Grove Blvd	Established	25,840	30	120	180	99.9%	0.0%	0.0%	85.0%	7.5%	7.5%	57.8	23	49	105	226
2056	Blue Oaks Blvd	West of Foothills Blvd	Established	41,460	40	105	195	99.8%	0.1%	0.2%	85.0%	7.5%	7.5%	64.2	58	126	271	584
2057	Pleasant Grove Blvd	West of Foothills Blvd	Established	35,140	40	120	180	99.4%	0.2%	0.5%	85.0%	7.5%	7.5%	63.2	52	112	240	518
2058	Junction Blvd	West of Foothills Blvd	Established	10,100	30	120	180	99.9%	0.0%	0.1%	85.0%	7.5%	7.5%	53.8	12	26	56	122
2060	Blue Oaks Blvd	West of Fiddyment Rd	Established	1,700	20	135	165	99.9%	0.0%	0.1%	85.0%	7.5%	7.5%	41.2	2	4	8	18
2064	Fiddyment Rd	North of Baseline Rd	Established	29,670	40	113	187.5	99.3%	0.2%	0.5%	85.0%	7.5%	7.5%	62.7	47	102	220	473
2066	Woodcreek Oaks Blvd	North of Baseline Rd	Established	6,430	35	120	180	99.0%	0.2%	0.7%	85.0%	7.5%	7.5%	54.3	13	29	61	132
2067	Foothills Blvd	North of Baseline Rd	Established	30,320	35	120	180	99.1%	0.2%	0.7%	85.0%	7.5%	7.5%	61.0	37	80	172	371
2068	Washington Blvd	North of Main Street	Corridor	16,330	35	120	180	99.5%	0.1%	0.3%	85.0%	7.5%	7.5%	58.1	24	51	109	236
2069	Fiddyment Rd	South of Blue Oaks Blvd	Established	15,200	45	120	180	99.4%	0.1%	0.4%	85.0%	7.5%	7.5%	61.1	37	81	174	375
2072	Woodcreek Oaks Blvd	South of Blue Oaks Blvd	Established	12,930	35	135	165	99.9%	0.0%	0.1%	85.0%	7.5%	7.5%	56.6	19	41	88	190
2073	Foothills Blvd	South of Blue Oaks Blvd	Established	15,570	50	120	180	98.9%	0.3%	0.8%	85.0%	7.5%	7.5%	62.8	49	105	226	486
2074	Industrial Ave	South of Blue Oaks Blvd	Established	7,320	40	135	165	98.2%	0.5%	1.4%	85.0%	7.5%	7.5%	56.7	19	42	90	194
2075	Fiddyment Rd	South of W. Sunset Blvd	Developing	6,180	40	135	165	99.3%	0.2%	0.5%	85.0%	7.5%	7.5%	55.4	16	34	74	160
2076	Industrial Ave	South of Sunset Blvd	Established	2,300	40	135	165	98.8%	0.3%	0.9%	85.0%	7.5%	7.5%	51.4	9	18	40	86
2077	Roseville Pkwy	West of Taylor Rd	Established	52,520	40	105	195	99.4%	0.1%	0.4%	85.0%	7.5%	7.5%	65.4	70	151	326	703
2078	Foothills Blvd	South of Vineyard Rd	Established	37,730	35	120	180	99.0%	0.2%	0.7%	85.0%	7.5%	7.5%	62.0	43	93	200	432
2079	Washington Blvd	North of Atlantic St	Corridor	21,200	25	120	180	99.5%	0.1%	0.3%	85.0%	7.5%	7.5%	55.2	15	33	71	152
2081	Riverside Ave	South of Cirby Way	Established	43,710	30	113	187.5	98.8%	0.3%	0.9%	85.0%	7.5%	7.5%	61.2	38	81	174	376
2084	Baseline Rd	West of Watt Ave	Developing	12,230	50	135	165	97.0%	0.8%	2.3%	85.0%	7.5%	7.5%	62.1	44	96	206	445
2085	Lincoln Pkwy	North of Moore Rd	Established	14,430	40	120	180	99.8%	0.1%	0.2%	85.0%	7.5%	7.5%	59.2	28	60	129	278
2086	Nelson Ln	North of Moore Rd	Developing	1,680	45	135	165	99.1%	0.2%	0.7%	85.0%	7.5%	7.5%	51.4	9	19	40	86
2087	Athens Ave	West of Industrial Ave	Established	16,060	40	135	165	99.6%	0.1%	0.3%	85.0%	7.5%	7.5%	59.4	29	63	137	295
2101	Barkley Rd	North of Carson Rd	Rural Residential	430	25	135	165	98.4%	0.4%	1.2%	85.0%	7.5%	7.5%	39.3	1	3	6	13
2102	Bass Lake Rd	North of Country Club Dr	Developing	6,460	35	135	165	99.8%	0.0%	0.1%	85.0%	7.5%	7.5%	53.6	12	26	56	121
2103	Bass Lake Rd	South of Green Valley Rd	Established	5,800	35	135	165	99.8%	0.1%	0.2%	85.0%	7.5%	7.5%	53.2	11	24	52	113
2104	Bassi Rd	West of Lotus Rd	Rural Residential	1,710	45	135	165	99.2%	0.2%	0.6%	85.0%	7.5%	7.5%	51.4	9	19	40	86
2107	Black Oak Mine Rd	East of Marshall Rd	Rural Residential	1,220	25	135	165	99.9%	0.0%	0.1%	85.0%	7.5%	7.5%	42.1	2	4	10	21
2109	Broadway	West of Newtown Rd	Established	3,050	35	135	165	99.5%	0.1%	0.4%	85.0%	7.5%	7.5%	50.6	8	16	35	76
2110	Bucks Bar Rd	South of Pleasant Valley Rd	Rural Residential	5,040	25	135	165	95.2%	1.2%	3.6%	85.0%	7.5%	7.5%	52.2	10	21	45	97
2112	Cameron Park Dr	North of Robin Ln	Established	7,530	30	135	165	98.8%	0.3%	0.9%	85.0%	7.5%	7.5%	53.1	11	24	52	112
2114	Cameron Park Dr	South of Hacienda Dr	Established	19,540	35	135	165	99.5%	0.1%	0.4%	85.0%	7.5%	7.5%	58.6	26	56	121	261
2115	Cameron Park Dr	North of Mira Loma Dr	Established	14,510	35	135	165	99.7%	0.1%	0.2%	85.0%	7.5%	7.5%	57.2	21	45	97	209
2116	Cameron Park Dr	South of Green Valley Rd	Established	10,680	35	135	165	99.8%	0.0%	0.1%	85.0%	7.5%	7.5%	55.8	17	36	78	169
2117	Carson Rd	East of Schnell School Rd	Established	3,700	35	135	165	99.7%	0.1%	0.2%	85.0%	7.5%	7.5%	51.3	8	18	39	84
2118	Carson Rd	West of Gatlin Rd	Rural Residential	2,950	35	135	165	99.9%	0.0%	0.1%	85.0%	7.5%	7.5%	50.2	7	15	33	71
2120	Carson Rd	West of Barkley Rd	Rural Residential	2,610	35	135	165	99.6%	0.1%	0.3%	85.0%	7.5%	7.5%	49.8	7	15	31	68
2121	Carson Rd	East of Ponderosa Wy	Rural Residential	2,690	35	135	165	99.5%	0.1%	0.4%	85.0%	7.5%	7.5%	50.0	7	15	32	70
2123	Cedar Ravine Rd	South of Country Club Dr	Established	1,470	35	135	165	99.4%	0.1%	0.4%	85.0%	7.5%	7.5%	47.4	5	10	22	47
2127	Cold Springs Rd	South of Gold Hill Rd	Rural Residential	3,290	35	135	165	97.4%	0.6%	1.9%	85.0%	7.5%	7.5%	52.0	9	20	44	94
2129	Country Club Dr	East of Bass Lake Rd	Established	3,680	25	135	165	99.7%	0.1%	0.2%	85.0%	7.5%	7.5%	47.2	4	10	21	45
2130	Country Club Dr	West of Merrychase Dr	Established	2,350	35	135	165	99.7%	0.1%	0.2%	85.0%	7.5%	7.5%	49.3	6	13	29	62
2131	Country Club Dr	West of Knollwood Dr	Established	3,280	25	135	165	99.7%	0.1%	0.2%	85.0%	7.5%	7.5%	46.7	4	9	19	41

2132	Country Club Dr	East of Cambridge Rd	Established	2,820	25	135	165	100.0%	0.0%	0.0%	85.0%	7.5%	7.5%	45.7	4	8	17	36
2133	Country Club Dr	West of Cameron Park Dr	Established	4,030	25	135	165	100.0%	0.0%	0.0%	85.0%	7.5%	7.5%	47.2	5	10	21	45
2135	Durock Rd	West of S Shingle Rd	Established	7,530	35	135	165	98.8%	0.3%	0.9%	85.0%	7.5%	7.5%	54.9	15	32	68	147
2136	El Dorado Hills Bl	North of Saratoga Wy	Established	27,750	40	113	187.5	99.6%	0.1%	0.3%	85.0%	7.5%	7.5%	62.3	44	96	206	444
2137	El Dorado Hills Bl	South of Wilson Bl	Established	22,950	40	120	180	99.6%	0.1%	0.3%	85.0%	7.5%	7.5%	61.3	38	83	178	384
2139	El Dorado Hills Bl	South of Olson Ln	Established	19,670	40	120	180	99.5%	0.1%	0.4%	85.0%	7.5%	7.5%	60.6	35	75	162	349
2141	El Dorado Hills Bl	South of Francisco Dr	Established	15,950	40	135	165	99.5%	0.1%	0.4%	85.0%	7.5%	7.5%	59.5	30	64	138	297
2142	El Dorado Hills Bl	South of Green Vly Rd	Established	4,870	40	135	165	99.0%	0.3%	0.8%	85.0%	7.5%	7.5%	54.6	14	30	65	139
2143	El Dorado Rd	North of Pleasant Vly Rd	Established	2,180	25	135	165	99.2%	0.2%	0.6%	85.0%	7.5%	7.5%	45.5	3	7	16	35
2144	El Dorado Rd	South of US 50	Established	4,650	35	135	165	99.2%	0.2%	0.6%	85.0%	7.5%	7.5%	52.5	10	22	48	102
2147	Fairplay Rd	South of Mt Aukum Rd	Rural Residential	2,200	25	135	165	85.1%	3.7%	11.2%	85.0%	7.5%	7.5%	52.2	10	21	45	97
2153	Francisco Dr	South of Green Valley Rd	Established	12,260	40	135	165	99.6%	0.1%	0.3%	85.0%	7.5%	7.5%	58.3	25	53	114	247
2155	Francisco Dr	North of Green Valley Rd	Established	27,560	40	135	165	99.8%	0.0%	0.1%	85.0%	7.5%	7.5%	61.7	42	90	194	417
2158	Garden Valley Rd	North of SR 193	Rural Residential	540	25	135	165	99.9%	0.0%	0.1%	85.0%	7.5%	7.5%	38.6	1	3	6	12
2167	Green Valley Rd	East of Mormon Island D	Established	29,970	35	120	180	99.7%	0.1%	0.2%	85.0%	7.5%	7.5%	60.6	35	75	161	347
2168	Green Valley Rd	West of Francisco Dr	Established	26,060	35	120	180	99.7%	0.1%	0.2%	85.0%	7.5%	7.5%	60.0	32	68	147	317
2170	Green Valley Rd	East of Francisco Dr	Established	15,620	35	135	165	99.6%	0.1%	0.3%	85.0%	7.5%	7.5%	57.6	22	48	103	222
2171	Green Valley Rd	West of Silva Valley Pk	Established	15,010	35	135	165	99.6%	0.1%	0.3%	85.0%	7.5%	7.5%	57.4	22	47	100	216
2172	Green Valley Rd	West of Bass Lake Rd	Established	12,120	35	135	165	99.7%	0.1%	0.3%	85.0%	7.5%	7.5%	56.5	19	40	87	186
2173	Green Valley Rd	East of Bass Lake Rd	Established	12,870	35	135	165	99.7%	0.1%	0.2%	85.0%	7.5%	7.5%	56.7	19	41	89	193
2174	Green Valley Rd	West of Cameron Park D	Established	12,320	35	135	165	99.8%	0.0%	0.1%	85.0%	7.5%	7.5%	56.4	19	40	86	186
2175	Green Valley Rd	East of La Crescenta Dr	Established	7,200	35	135	165	99.8%	0.0%	0.1%	85.0%	7.5%	7.5%	54.1	13	28	60	130
2177	Green Valley Rd	East of Deer Valley Rd	Rural Residential	5,150	35	135	165	99.8%	0.1%	0.2%	85.0%	7.5%	7.5%	52.7	10	23	49	105
2179	Green Valley Rd	West of Lotus Rd	Rural Residential	7,950	35	135	165	99.4%	0.1%	0.4%	85.0%	7.5%	7.5%	54.8	14	31	67	144
2181	Green Valley Rd	West of Greenstone Rd	Rural Residential	4,400	35	135	165	99.9%	0.0%	0.1%	85.0%	7.5%	7.5%	51.9	9	20	43	93
2183	Green Valley Rd	West of Missouri Flat R	Established	6,200	35	135	165	98.8%	0.3%	0.9%	85.0%	7.5%	7.5%	54.1	13	28	60	129
2185	Green Valley Rd	West of Weber Creek Br	Rural Residential	3,380	35	135	165	99.8%	0.1%	0.2%	85.0%	7.5%	7.5%	50.8	8	17	37	79
2186	Greenwood Rd	West of Marshall Rd	Rural Residential	990	25	135	165	99.8%	0.1%	0.2%	85.0%	7.5%	7.5%	41.4	2	4	9	18
2187	Greenwood Rd	South of SR 193	Rural Residential	1,200	45	135	165	99.3%	0.2%	0.5%	85.0%	7.5%	7.5%	49.9	7	15	31	68
2188	Harvard Way	East of El Dorado Hills Bl	Established	7,440	30	120	180	99.7%	0.1%	0.2%	85.0%	7.5%	7.5%	52.6	10	22	47	101
2189	Icehouse Rd	North of US 50	Rural Residential	10,770	55	135	165	96.5%	0.9%	2.7%	85.0%	7.5%	7.5%	62.9	50	108	233	503
2193	Lotus Rd	South of Thompson Hill Rd	Rural Residential	3,970	45	135	165	99.2%	0.2%	0.6%	85.0%	7.5%	7.5%	55.1	15	33	70	152
2195	Marshall Rd	East of SR 49	Rural Residential	3,660	45	135	165	99.6%	0.1%	0.3%	85.0%	7.5%	7.5%	54.6	14	30	65	140
2196	Marshall Rd	East of Garden Valley Rd	Rural Residential	4,480	45	135	165	99.6%	0.1%	0.3%	85.0%	7.5%	7.5%	55.5	16	35	74	160
2197	Marshall Rd	South of Lower Main St	Rural Residential	730	35	135	165	99.0%	0.3%	0.8%	85.0%	7.5%	7.5%	44.7	3	7	14	31
2198	Missouri Flat Rd	North of SR 49	Established	21,370	45	135	165	96.6%	0.8%	2.5%	85.0%	7.5%	7.5%	63.3	54	116	249	537
2201	Mormon Emigrant Tr	East of Sly Park Rd	Rural Residential	1,080	35	135	165	99.9%	0.0%	0.1%	85.0%	7.5%	7.5%	45.8	4	8	17	36
2202	Mosquito Rd	East of Prescott Ave	Established	3,600	35	135	165	99.9%	0.0%	0.1%	85.0%	7.5%	7.5%	51.0	8	17	38	81
2203	Mosquito Rd	South of Union Ridge Rd	Rural Residential	2,080	25	135	165	99.9%	0.0%	0.1%	85.0%	7.5%	7.5%	44.5	3	6	14	30
2204	Mosquito Rd	South of Shadow Run Rd	Rural Residential	1,250	25	135	165	99.9%	0.0%	0.1%	85.0%	7.5%	7.5%	42.3	2	5	10	21
2205	Mother Lode Dr	West of Sunset Ln	Established	13,790	45	135	165	98.4%	0.4%	1.2%	85.0%	7.5%	7.5%	60.8	37	79	170	366
2206	Mother Lode Dr	West of Pleasant Valley	Established	9,590	45	135	165	98.4%	0.4%	1.2%	85.0%	7.5%	7.5%	59.2	29	62	133	286
2207	Mother Lode Dr	East of Pleasant Valley Rd	Established	3,340	45	135	165	99.9%	0.0%	0.1%	85.0%	7.5%	7.5%	54.1	13	28	60	129
2208	Newtown Rd	North of Pleasant Vly Rd	Rural Residential	3,860	25	135	165	99.6%	0.1%	0.3%	85.0%	7.5%	7.5%	47.6	5	10	22	48
2209	Newtown Rd	North of Pioneer Hill Rd	Rural Residential	8,110	35	135	165	99.5%	0.1%	0.3%	85.0%	7.5%	7.5%	54.8	14	31	67	144
2210	Newtown Rd	East of Broadway	Established	2,800	35	135	165	99.5%	0.1%	0.4%	85.0%	7.5%	7.5%	50.2	7	15	33	71
2214	Pleasant Valley Rd	West of SR 49 (W)	Established	10,020	35	135	165	98.4%	0.4%	1.2%	85.0%	7.5%	7.5%	56.3	18	39	85	183
2215	Pleasant Valley Rd	East of SR 49 (E)	Established	16,650	35	135	165	98.1%	0.5%	1.4%	85.0%	7.5%	7.5%	58.7	26	57	122	264
2216	Pleasant Valley Rd	West of Big Cut Rd	Established	12,900	35	135	165	97.0%	0.7%	2.2%	85.0%	7.5%	7.5%	58.1	24	52	112	240
2217	Pleasant Valley Rd	West of Oak Hill Rd	Established	11,730	35	135	165	95.2%	1.2%	3.6%	85.0%	7.5%	7.5%	58.4	25	55	117	253
2218	Pleasant Valley Rd	East of Cedar Ravine	Rural Residential	10,530	35	135	165	96.9%	0.8%	2.3%	85.0%	7.5%	7.5%	57.3	21	46	98	212
2219	Pleasant Valley Rd	East of Bucks Bar R	Rural Residential	5,390	35	135	165	99.7%	0.1%	0.2%	85.0%	7.5%	7.5%	52.9	11	23	50	109
2220	Pleasant Valley Rd	East of Newtown Rd	Rural Residential	4,780	35	135	165	99.4%	0.2%	0.5%	85.0%	7.5%	7.5%	52.6	10	22	48	103
2221	Ponderosa Rd	North of Wild Chaparral Dr	Established	6,190	40	135	165	99.5%	0.1%	0.4%	85.0%	7.5%	7.5%	55.4	16	34	73	158
2222	Ponderosa Rd	North of Meder Rd	Established	1,730	35	135	165	99.2%	0.2%	0.6%	85.0%	7.5%	7.5%	48.3	5	11	25	53
2223	Ponderosa Rd	South of Green Valley Rd	Rural Residential	790	35	135	165	99.3%	0.2%	0.5%	85.0%	7.5%	7.5%	44.8	3	7	14	31
2224	Pony Express Tr	East of Carson Rd	Rural Residential	3,250	35	135	165	99.7%	0.1%	0.3%	85.0%	7.5%	7.5%	50.7	8	17	36	78
2227	Salmon Falls Rd	South of Malcolm-Dixon Rd	Established	7,180	35	135	165	99.7%	0.1%	0.2%	85.0%	7.5%	7.5%	54.1	13	28	61	131
2228	Salmon Falls Rd	South of Pedro Hill Rd	Rural Residential	510	35	135	165	99.2%	0.2%	0.6%	85.0%	7.5%	7.5%	43.0	2	5	11	23
2229	SR49	North of Salmon Falls Cutoff	Rural Residential	5,620	45	135	165	97.6%	0.6%	1.8%	85.0%	7.5%	7.5%	57.2	21	45	97	210
2230	Sand Ridge Rd	East of SR 49	Rural Residential	640	25	135	165	99.3%	0.2%	0.5%	85.0%	7.5%	7.5%	40.1	2	3	7	15

2231	Sand Ridge Rd	West of Bucks Bar Rd	Rural Residential	1,350	25	135	165	99.8%	0.0%	0.1%	85.0%	7.5%	7.5%	42.7	2	5	10	22
2234	Serrano Pkwy	West of Bass Lake Rd	Established	4,750	25	135	165	100.0%	0.0%	0.0%	85.0%	7.5%	7.5%	47.9	5	11	23	50
2235	Shingle Springs Dr	South of US 50	Established	6,630	35	135	165	99.6%	0.1%	0.3%	85.0%	7.5%	7.5%	53.8	13	27	58	125
2237	Silva Valley Pkwy	South of Serrano Pkwy	Established	16,560	35	120	180	99.8%	0.0%	0.1%	85.0%	7.5%	7.5%	57.9	23	50	107	231
2238	Silva Valley Pkwy	North of Serrano Pkwy	Established	8,490	35	120	180	99.8%	0.0%	0.1%	85.0%	7.5%	7.5%	55.0	15	32	69	148
2239	Silva Valley Pkwy	South of Green Valley	Established	6,440	35	135	165	99.9%	0.0%	0.1%	85.0%	7.5%	7.5%	53.6	12	26	56	120
2241	Sophia Pkwy	South of Green Valley Rd	Established	4,750	40	135	165	99.8%	0.0%	0.1%	85.0%	7.5%	7.5%	54.1	13	28	60	129
2244	Union Ridge Rd	West of Hassler Rd	Rural Residential	510	25	135	165	99.8%	0.0%	0.1%	85.0%	7.5%	7.5%	38.5	1	3	5	12
2245	Wentworth Springs Rd	East of Main St	Rural Residential	3,360	35	135	165	99.7%	0.1%	0.2%	85.0%	7.5%	7.5%	50.9	8	17	37	79
2502	16TH ST	SOUTH of ELKHORN BL	Established	7,690	45	135	165	98.9%	0.3%	0.8%	85.0%	7.5%	7.5%	58.1	24	52	111	240
2506	ALTA ARDEN EXWY	East of HOWE AV	Established	14,240	40	120	180	99.1%	0.2%	0.6%	85.0%	7.5%	7.5%	59.4	29	62	134	289
2507	ALTA MESA RD	NORTH of BORDEN RD	Rural Residential	960	40	135	165	99.8%	0.0%	0.1%	85.0%	7.5%	7.5%	47.1	4	10	21	44
2510	AUBURN BL	EAST of WATT AV	Corridor	19,110	40	120	180	99.6%	0.1%	0.3%	85.0%	7.5%	7.5%	60.5	34	73	158	341
2512	BOESOW RD	WEST of MARENGO RD	Established	4,370	35	135	165	99.1%	0.2%	0.7%	85.0%	7.5%	7.5%	52.4	10	21	46	100
2519	COLLEGE OAK DR	North of WINDING WY	Established	12,500	35	120	180	99.7%	0.1%	0.2%	85.0%	7.5%	7.5%	56.8	19	42	90	194
2520	COTTAGE WY	EAST of ETHAN WY	Established	3,450	35	135	165	99.5%	0.1%	0.4%	85.0%	7.5%	7.5%	51.1	8	18	38	82
2522	DEL NORTE BL	South of 23RD AV	Established	1,390	25	135	165	99.9%	0.0%	0.1%	85.0%	7.5%	7.5%	42.8	2	5	11	23
2523	DRY CREEK RD	NORTH of ASCOT AV	Established	4,520	35	135	165	99.6%	0.1%	0.3%	85.0%	7.5%	7.5%	52.2	10	21	45	97
2524	DRY CREEK RD	SOUTH of ELKHORN BL	Established	7,360	35	135	165	99.5%	0.1%	0.3%	85.0%	7.5%	7.5%	54.4	14	29	63	135
2525	DRY CREEK RD	SOUTH of Q ST	Rural Residential	3,150	45	135	165	99.7%	0.1%	0.3%	85.0%	7.5%	7.5%	53.9	13	27	59	126
2527	DRY CREEK RD	SOUTH of U ST	Developing	950	25	135	165	99.6%	0.1%	0.3%	85.0%	7.5%	7.5%	41.5	2	4	9	19
2529	ELKHORN BL	East of 16TH ST	Established	21,590	45	120	180	99.1%	0.2%	0.6%	85.0%	7.5%	7.5%	62.7	48	104	224	482
2530	ELKHORN BL	East of DRY CREEK RD	Established	24,180	45	120	180	99.3%	0.2%	0.5%	85.0%	7.5%	7.5%	63.2	51	111	239	514
2532	ELKHORN BL	East of MARYSVILLE BL	Rural Residential	12,780	45	120	180	99.2%	0.2%	0.6%	85.0%	7.5%	7.5%	60.4	34	73	157	338
2533	ELKHORN BL	East of THOMAS DR	Established	20,070	45	120	180	99.5%	0.1%	0.4%	85.0%	7.5%	7.5%	62.3	45	97	209	450
2534	ELK GROVE-FLORIN	NORTH of GERBER RD	Developing	24,670	40	135	165	98.9%	0.3%	0.8%	85.0%	7.5%	7.5%	61.6	41	89	192	414
2535	ELSIE AV	East of STOCKTON BL	Corridor	25,970	40	120	180	97.3%	0.7%	2.0%	85.0%	7.5%	7.5%	62.8	49	105	225	486
2537	ELVERTA RD	East of SORENTO RD	Rural Residential	7,590	55	135	165	98.5%	0.4%	1.1%	85.0%	7.5%	7.5%	60.8	36	78	169	364
2538	ELVERTA RD	West of ELECTRIC AV	Rural Residential	8,190	55	135	165	98.7%	0.3%	1.0%	85.0%	7.5%	7.5%	61.1	38	82	177	381
2540	EL CAMINO	East of WALNUT AV	Established	11,740	40	120	180	99.8%	0.1%	0.2%	85.0%	7.5%	7.5%	58.3	24	52	112	242
2541	EL CAMINO	East of EASTERN AV	Established	16,870	40	120	180	99.7%	0.1%	0.2%	85.0%	7.5%	7.5%	59.9	31	67	144	310
2543	EXCELSIOR RD	NORTH of CALVINE RD	Developing	4,550	40	135	165	99.4%	0.1%	0.4%	85.0%	7.5%	7.5%	54.0	13	28	60	129
2545	FAIR OAKS BL	NORTH of GREENBACK LN	Corridor	17,590	45	135	165	99.6%	0.1%	0.3%	85.0%	7.5%	7.5%	61.4	40	86	185	398
2546	FAIR OAKS BL	NORTH of NORTH AV	Corridor	36,400	40	120	180	99.7%	0.1%	0.3%	85.0%	7.5%	7.5%	63.2	52	112	241	520
2547	FAIR OAKS BL	SOUTH of GRANT AV	Corridor	37,210	40	120	180	99.7%	0.1%	0.3%	85.0%	7.5%	7.5%	63.3	53	114	245	527
2548	FAIR OAKS BL	SOUTH of MADISON AV	Corridor	15,290	35	120	180	99.9%	0.0%	0.1%	85.0%	7.5%	7.5%	57.6	22	47	102	219
2549	FAIR OAKS BL	SOUTH of WOODMORE OAKS	Established	12,660	45	135	165	99.6%	0.1%	0.3%	85.0%	7.5%	7.5%	60.0	32	69	148	320
2550	FILBERT AV	NORTH of CENTRAL AV	Established	2,060	25	135	165	100.0%	0.0%	0.0%	85.0%	7.5%	7.5%	44.3	3	6	13	29
2551	FOLSOM BL	East of LA RIVIERA DR	Corridor	21,050	40	120	180	98.9%	0.3%	0.8%	85.0%	7.5%	7.5%	61.2	38	82	177	382
2552	FOLSOM BL	East of MANLOVE RD	Corridor	21,030	40	120	180	98.5%	0.4%	1.2%	85.0%	7.5%	7.5%	61.4	39	85	182	393
2553	FOLSOM BL	East of MAYHEW DR	Corridor	23,140	40	120	180	98.7%	0.3%	1.0%	85.0%	7.5%	7.5%	61.7	41	88	191	411
2554	FOLSOM BL	West of BRADSHAW RD	Corridor	24,540	40	120	180	99.4%	0.2%	0.5%	85.0%	7.5%	7.5%	61.7	41	88	190	409
2556	FRANKLIN BL	SOUTH of DESMOND RD	Rural Residential	160	45	135	165	81.0%	4.8%	14.3%	85.0%	7.5%	7.5%	45.4	3	7	16	34
2560	GREENBACK LN	East of FAIR OAKS BL	Corridor	34,930	45	105	195	99.7%	0.1%	0.3%	85.0%	7.5%	7.5%	65.0	67	144	310	668
2561	GREENBACK LN	East of HAZEL AV	Corridor	29,070	45	120	180	99.7%	0.1%	0.2%	85.0%	7.5%	7.5%	63.8	57	123	264	569
2565	HAZEL AV	NORTH of AMERICAN RIVER E	Established	47,750	40	105	195	98.6%	0.4%	1.1%	85.0%	7.5%	7.5%	65.3	70	151	325	701
2568	HAZEL AV	NORTH of OAK AV	Established	35,530	45	120	180	98.4%	0.4%	1.2%	85.0%	7.5%	7.5%	65.2	70	151	325	700
2569	HICKORY AV	SOUTH of OAK AV	Established	1,940	30	135	165	99.8%	0.0%	0.1%	85.0%	7.5%	7.5%	46.4	4	9	19	40
2570	HILLSDALE BL	NORTH of MADISON AV	Corridor	32,320	40	120	180	99.5%	0.1%	0.3%	85.0%	7.5%	7.5%	62.8	48	104	225	484
2571	HOOD FRANKLIN RD	West of FRANKLIN BL	Rural Residential	5,480	40	135	165	96.1%	1.0%	2.9%	85.0%	7.5%	7.5%	56.2	18	39	83	180
2572	HOWE AV	NORTH of FAIR OAKS BL	Corridor	52,020	40	105	195	99.3%	0.2%	0.6%	85.0%	7.5%	7.5%	65.4	71	152	328	706
2573	HOWE AV	NORTH of ALTA ARDEN EXWY	Established	20,910	40	120	180	99.3%	0.2%	0.5%	85.0%	7.5%	7.5%	61.0	37	79	171	368
2574	HOWE AV	NORTH of ARDEN WY	Established	28,630	40	113	187.5	99.1%	0.2%	0.7%	85.0%	7.5%	7.5%	62.6	47	101	218	469
2577	KENNETH AV	SOUTH of OAK AV	Established	6,190	40	135	165	99.8%	0.0%	0.1%	85.0%	7.5%	7.5%	55.2	15	33	71	154
2579	KIEFER BL	West of SOUTH WATT AV	Corridor	760	30	135	165	99.4%	0.2%	0.5%	85.0%	7.5%	7.5%	42.7	2	5	11	23
2580	KIEFER BL	West of SOUTH WATT AV	Corridor	19,350	40	120	180	99.4%	0.1%	0.4%	85.0%	7.5%	7.5%	60.6	35	75	161	347
2582	LINCOLN WY	NORTH of KOST RD	Corridor	6,460	30	135	165	99.6%	0.1%	0.3%	85.0%	7.5%	7.5%	51.8	9	20	42	91
2583	MADISON AV	East of SAN JUAN AV	Established	48,500	45	105	195	99.3%	0.2%	0.5%	85.0%	7.5%	7.5%	66.6	85	184	395	852
2584	MADISON AV	East of SUNRISE BL	Established	38,380	45	113	187.5	99.3%	0.2%	0.5%	85.0%	7.5%	7.5%	65.4	71	154	331	713
2585	MADISON AV	West of HILLSDALE BL	Corridor	27,780	45	120	180	99.4%	0.2%	0.5%	85.0%	7.5%	7.5%	63.7	56	121	261	562
2586	MADISON AV	West of MAIN AV	Corridor	23,060	45	120	180	99.5%	0.1%	0.4%	85.0%	7.5%	7.5%	62.9	49	106	229	492

2588	MAYHEW RD	SOUTH of HWY 50	Corridor	8,100	40	135	165	98.3%	0.4%	1.3%	85.0%	7.5%	7.5%	57.1	21	44	95	205
2593	MORSE AV	SOUTH of ALTA ARDEN EXPY	Corridor	7,600	30	135	165	99.9%	0.0%	0.0%	85.0%	7.5%	7.5%	52.2	10	21	45	98
2595	MYRTLE AV	West of HEMLOCK ST	Established	7,410	35	135	165	99.8%	0.1%	0.2%	85.0%	7.5%	7.5%	54.2	13	29	62	133
2596	M ST	East of RIO LINDA BL	Rural Residential	5,650	25	135	165	99.5%	0.1%	0.3%	85.0%	7.5%	7.5%	49.2	6	13	29	62
2597	NEW HOPE	East of SARGENT AV	Established	1,350	45	135	165	97.8%	0.6%	1.7%	85.0%	7.5%	7.5%	51.0	8	17	37	80
2598	NEW HOPE	West of KOST RD	Rural Residential	870	45	135	165	96.1%	1.0%	2.9%	85.0%	7.5%	7.5%	49.6	7	14	30	65
2599	NORTH LOOP BL	East of WALERGA RD	Established	8,790	35	120	180	99.8%	0.0%	0.1%	85.0%	7.5%	7.5%	55.2	15	33	70	151
2601	NORTH LOOP BL	NORTH of ELVERTA RD	Established	4,730	30	120	180	99.8%	0.0%	0.1%	85.0%	7.5%	7.5%	50.6	7	16	35	74
2604	OAK AV	West of HAZEL AV	Established	9,170	40	135	165	99.8%	0.0%	0.1%	85.0%	7.5%	7.5%	56.9	20	43	93	200
2605	OAK AV	West of MAIN AV / MOUNTA	Established	8,910	35	135	165	99.4%	0.2%	0.5%	85.0%	7.5%	7.5%	55.3	16	34	73	156
2607	OAK AV	West of SANTA JUANITA AV (	Established	8,100	35	135	165	99.4%	0.2%	0.5%	85.0%	7.5%	7.5%	54.9	15	32	68	146
2608	OAK LN	West of 10TH ST	Rural Residential	1,980	30	135	165	99.6%	0.1%	0.3%	85.0%	7.5%	7.5%	46.7	4	9	19	42
2609	OLD PLACERVILLE RD	East of BRADSHAW RD	Established	15,910	25	120	180	97.8%	0.5%	1.6%	85.0%	7.5%	7.5%	55.7	16	35	76	163
2610	OLD PLACERVILLE RD	East of ROUTIER RD	Established	15,180	35	120	180	98.4%	0.4%	1.2%	85.0%	7.5%	7.5%	58.4	25	53	115	248
2612	ORANGE GROVE AV	West of RIVER COLLEGE DR	Corridor	10,510	35	135	165	98.8%	0.3%	0.9%	85.0%	7.5%	7.5%	56.3	18	39	85	183
2619	POWER LINE RD	NORTH of ELKHORN BL	Established	250	40	135	165	97.0%	0.8%	2.3%	85.0%	7.5%	7.5%	42.5	2	5	10	22
2622	Q ST	West of 20TH ST	Established	2,820	45	135	165	99.7%	0.1%	0.2%	85.0%	7.5%	7.5%	53.4	12	25	54	117
2623	Q ST	West of RIO LINDA BL	Rural Residential	1,370	35	135	165	99.9%	0.0%	0.1%	85.0%	7.5%	7.5%	46.8	4	9	20	43
2626	RIO LINDA BL	SOUTH of ELKHORN BL	Rural Residential	11,690	45	135	165	99.7%	0.1%	0.2%	85.0%	7.5%	7.5%	59.6	30	65	140	301
2629	RIO LINDA BL	SOUTH of MARYSVILLE BL	Established	12,400	35	135	165	99.5%	0.1%	0.4%	85.0%	7.5%	7.5%	56.7	19	42	90	193
2630	ROSEMONT DR	NORTH of KIEFER BL	Corridor	1,310	20	135	165	100.0%	0.0%	0.0%	85.0%	7.5%	7.5%	39.9	1	3	7	15
2632	SIMMERHORN RD	West of STEINER RD	Established	4,080	40	135	165	99.4%	0.1%	0.4%	85.0%	7.5%	7.5%	53.6	12	26	56	120
2633	SOUTH WATT AV	NORTH of FLORIN RD	Developing	20,210	45	135	165	98.8%	0.3%	0.9%	85.0%	7.5%	7.5%	62.3	46	99	213	460
2634	SOUTH WATT AV	NORTH of FRUITRIDGE RD	Established	29,400	40	135	165	99.0%	0.3%	0.8%	85.0%	7.5%	7.5%	62.4	46	100	215	464
2635	SOUTH WATT AV	SOUTH of ALDERSON AV	Corridor	34,790	40	113	187.5	99.0%	0.3%	0.8%	85.0%	7.5%	7.5%	63.5	54	116	250	539
2636	SOUTH WATT AV	SOUTH of FOLSOM BL	Corridor	49,720	40	105	195	99.2%	0.2%	0.6%	85.0%	7.5%	7.5%	65.2	69	148	319	688
2637	STOCKTON BL	NORTH of 37TH AV	Corridor	25,300	35	120	180	99.2%	0.2%	0.6%	85.0%	7.5%	7.5%	60.2	32	70	151	325
2638	STOCKTON BL	NORTH of ELSIE AV / MACK	Corridor	35,190	40	120	180	98.9%	0.3%	0.8%	85.0%	7.5%	7.5%	63.4	54	115	248	535
2639	STOCKTON BL	SOUTH of ELSIE AV / MACK	Corridor	35,780	30	120	180	97.7%	0.6%	1.7%	85.0%	7.5%	7.5%	60.8	36	78	167	361
2640	STOCKTON BL	SOUTH of PARKER AV	Corridor	19,790	35	120	180	98.9%	0.3%	0.8%	85.0%	7.5%	7.5%	59.3	28	61	132	284
2641	SUNRISE BL	NORTH of MADISON AV	Established	45,250	45	105	195	98.9%	0.3%	0.8%	85.0%	7.5%	7.5%	66.5	83	179	386	832
2642	SUNRISE BL	NORTH of SUNSET AV	Established	48,300	45	105	195	98.9%	0.3%	0.8%	85.0%	7.5%	7.5%	66.8	87	187	403	869
2643	SUNRISE BL	SOUTH of AMERICAN RIVER B	Established	82,570	45	105	195	99.1%	0.2%	0.7%	85.0%	7.5%	7.5%	69.0	123	265	571	1230
2652	TWIN CITIES RD	West of FRANKLIN BL	Rural Residential	3,960	45	135	165	88.8%	2.8%	8.4%	85.0%	7.5%	7.5%	58.0	24	51	110	237
2653	TWIN CITIES RD	West of SR99	Corridor	6,280	45	135	165	96.5%	0.9%	2.6%	85.0%	7.5%	7.5%	58.1	24	51	111	239
2654	U ST	West of DRY CREEK RD	Developing	1,530	35	135	165	99.4%	0.1%	0.4%	85.0%	7.5%	7.5%	47.6	5	10	22	48
2656	WALERGA RD	NORTH of HILLSDALE BL	Established	20,780	40	120	180	99.7%	0.1%	0.2%	85.0%	7.5%	7.5%	60.8	36	77	166	357
2665	WATT AV	NORTH of AMERICAN RIVER B	Corridor	100,740	45	105	195	99.3%	0.2%	0.6%	85.0%	7.5%	7.5%	69.8	139	299	645	1390
2666	WATT AV	NORTH of ARDEN WY	Corridor	46,940	40	105	195	98.9%	0.3%	0.8%	85.0%	7.5%	7.5%	65.1	68	146	314	676
2667	WATT AV	NORTH of COTTAGE WY	Corridor	49,800	40	105	195	99.1%	0.2%	0.7%	85.0%	7.5%	7.5%	65.3	69	150	323	695
2669	WATT AV	NORTH of EL CAMINO	Corridor	48,600	40	105	195	99.0%	0.3%	0.8%	85.0%	7.5%	7.5%	65.2	69	149	320	689
2670	WATT AV	NORTH of FOLSOM BL	Corridor	72,190	45	90	210	98.7%	0.3%	1.0%	85.0%	7.5%	7.5%	69.2	122	263	567	1221
2671	WATT AV	SOUTH of ARDEN WY	Corridor	52,220	45	120	180	98.9%	0.3%	0.8%	85.0%	7.5%	7.5%	66.7	88	190	408	880
2676	WHITE ROCK RD	NORTH of GRANT LINE RD	Established	10,000	45	120	180	94.0%	1.5%	4.5%	85.0%	7.5%	7.5%	61.1	37	80	173	373
2677	WHITE ROCK RD	West of GRANT LINE RD	Rural Residential	3,710	45	120	180	94.0%	1.5%	4.5%	85.0%	7.5%	7.5%	56.8	19	42	89	193
2680	WINDING WY	West of WALNUT AV	Established	17,940	25	135	165	99.6%	0.1%	0.3%	85.0%	7.5%	7.5%	54.2	13	28	61	131
3002	Blue Oaks Blvd	East of Lone Tree	Established	12,330	35	120	180	99.8%	0.1%	0.2%	85.0%	7.5%	7.5%	56.7	19	41	89	191
3004	Whitney Boulevard	North of Midas Av	Established	9,170	25	135	165	99.9%	0.0%	0.1%	85.0%	7.5%	7.5%	50.8	8	17	37	79
3005	Dominguez Avenue	East of Pacific St	Established	1,590	30	135	165	98.6%	0.3%	1.0%	85.0%	7.5%	7.5%	46.5	4	9	19	40
3007	Granite Drive	North of Rocklin Rd	Established	12,680	20	120	180	99.0%	0.3%	0.8%	85.0%	7.5%	7.5%	52.0	9	20	43	93
3008	Granite Drive	North of Sierra Meadows	Established	12,240	20	120	180	98.1%	0.5%	1.4%	85.0%	7.5%	7.5%	53.0	11	23	50	108
3009	Lone Tree	North of Blue Oaks Blvd	Established	1,650	25	120	180	99.4%	0.1%	0.4%	85.0%	7.5%	7.5%	44.3	3	6	13	28
3014	Midas Avenue	West of Argonaut Av	Established	4,530	25	135	165	99.9%	0.0%	0.1%	85.0%	7.5%	7.5%	47.8	5	11	23	50
3015	Midas Avenue	West of Pacific St	Corridor	8,880	20	135	165	99.9%	0.0%	0.1%	85.0%	7.5%	7.5%	48.5	5	12	26	55
3016	Taylor Road	North of I-80 WB	Established	24,370	40	135	165	99.1%	0.2%	0.7%	85.0%	7.5%	7.5%	61.5	40	87	188	404
3017	Pacific Street	North of Farron St	Corridor	20,110	40	120	180	99.3%	0.2%	0.5%	85.0%	7.5%	7.5%	60.8	36	77	167	359
3018	Pacific Street	North of Rocklin Rd	Corridor	12,530	40	120	180	99.3%	0.2%	0.5%	85.0%	7.5%	7.5%	58.8	26	57	122	262
3019	Pacific Street	North of Sierra Meadows	Corridor	10,950	40	120	180	99.3%	0.2%	0.5%	85.0%	7.5%	7.5%	58.2	24	52	111	239
3020	Pacific Street	South of Dominguez Av	Established	9,960	40	120	180	99.3%	0.2%	0.5%	85.0%	7.5%	7.5%	57.8	23	49	105	225
3021	Pacific Street	North of Sunset Blvd	Corridor	21,380	40	120	180	99.3%	0.2%	0.5%	85.0%	7.5%	7.5%	61.1	37	80	173	373
3022	Pacific Street	South of Sunset Blvd	Established	21,720	40	120	180	99.1%	0.2%	0.7%	85.0%	7.5%	7.5%	61.2	38	83	178	383

3023	Pacific Street	North of Dominguez Av	Established	10,980	40	135	165	99.9%	0.0%	0.1%	85.0%	7.5%	7.5%	57.7	22	48	104	225
3026	Park Drive	South of Sunset Blvd	Established	15,520	35	120	180	99.9%	0.0%	0.1%	85.0%	7.5%	7.5%	57.6	22	47	102	220
3027	Park Drive	South of Stanford Ranch Rd	Established	12,040	35	120	180	99.9%	0.0%	0.1%	85.0%	7.5%	7.5%	56.5	19	40	86	186
3028	Park Drive	North of Stanford Ranch Rd	Established	11,690	35	120	180	99.8%	0.1%	0.2%	85.0%	7.5%	7.5%	56.5	18	40	86	185
3029	Park Drive	North of Sunset Blvd	Established	20,450	35	120	180	99.9%	0.0%	0.1%	85.0%	7.5%	7.5%	58.8	26	57	123	265
3032	Rocklin Road	East of I-80 EB	Established	22,850	40	120	180	99.5%	0.1%	0.4%	85.0%	7.5%	7.5%	61.3	39	83	179	386
3033	Rocklin Road	West of Pacific St	Corridor	2,800	20	135	165	99.5%	0.1%	0.4%	85.0%	7.5%	7.5%	44.3	3	6	13	29
3034	Rocklin Road	West of Granite Dr	Established	26,940	30	120	180	99.2%	0.2%	0.6%	85.0%	7.5%	7.5%	58.6	25	55	118	254
3035	Rocklin Road	West of Sierra College Blvd	Established	17,650	40	120	180	99.6%	0.1%	0.3%	85.0%	7.5%	7.5%	60.1	32	70	150	323
3036	Rocklin Road	West of Pacific St	Corridor	17,500	30	120	180	99.3%	0.2%	0.5%	85.0%	7.5%	7.5%	56.7	19	41	88	190
3037	Rocklin Road	East of Granite Dr	Corridor	18,950	35	120	180	99.4%	0.2%	0.5%	85.0%	7.5%	7.5%	58.8	26	57	123	264
3038	Rocklin Road	East of Sierra College Blvd	Established	6,670	35	135	165	99.6%	0.1%	0.3%	85.0%	7.5%	7.5%	53.9	13	27	59	127
3039	Sierra College Boulevard	South of I-80 EB	Established	14,780	45	120	180	98.3%	0.4%	1.3%	85.0%	7.5%	7.5%	61.4	39	85	182	393
3040	Sierra College Boulevard	North of Granite Dr	Established	16,100	40	120	180	99.3%	0.2%	0.5%	85.0%	7.5%	7.5%	59.8	31	67	143	309
3041	Sierra College Boulevard	North of Scarborough Dr	Established	22,610	45	128	172.5	98.4%	0.4%	1.2%	85.0%	7.5%	7.5%	63.1	51	110	238	512
3042	Five Star Boulevard	East of Stanford Ranch Rd	Established	10,590	20	135	165	99.7%	0.1%	0.2%	85.0%	7.5%	7.5%	49.6	7	14	30	65
3043	South Whitney Boulevard	South of Sunset Blvd	Established	4,390	35	120	180	99.8%	0.0%	0.1%	85.0%	7.5%	7.5%	52.2	10	21	44	95
3045	Stanford Ranch Road	North of Crest Dr	Established	12,520	35	105	195	99.7%	0.1%	0.2%	85.0%	7.5%	7.5%	57.2	20	44	94	202
3048	West Stanford Ranch Road	North of Sunset Blvd	Established	12,010	35	105	195	99.9%	0.0%	0.1%	85.0%	7.5%	7.5%	56.9	19	42	90	193
3050	Sunset Boulelvard	West of Lone Tree	Established	13,450	35	105	195	99.5%	0.1%	0.4%	85.0%	7.5%	7.5%	57.7	22	47	101	217
3051	Sunset Boulelvard	West of Park Dr	Established	19,820	40	105	195	99.5%	0.1%	0.3%	85.0%	7.5%	7.5%	61.1	36	78	169	364
3053	Sunset Boulelvard	East of Park Dr	Established	19,750	40	105	195	99.5%	0.1%	0.3%	85.0%	7.5%	7.5%	61.1	36	78	168	363
3055	Sunset Boulelvard	West of Whitney Blvd	Established	18,650	40	120	180	99.6%	0.1%	0.3%	85.0%	7.5%	7.5%	60.3	33	72	155	334
3056	Sunset Boulelvard	West of Pacific Blvd	Corridor	26,770	35	120	180	99.5%	0.1%	0.4%	85.0%	7.5%	7.5%	60.2	33	71	152	329
3059	West Oaks Boulevard	North of Sunset Blvd	Established	3,390	25	120	180	99.4%	0.2%	0.5%	85.0%	7.5%	7.5%	47.5	5	10	22	46
3062	West Stanford Ranch Road	East of Wildcat Blvd	Established	7,240	35	105	195	99.8%	0.1%	0.2%	85.0%	7.5%	7.5%	54.8	14	30	65	139
3067	Whitney Boulevard	North of Sunset Blvd	Established	6,480	20	135	165	99.6%	0.1%	0.3%	85.0%	7.5%	7.5%	47.8	5	11	23	49
5001	US 50	East of Shingle Springs	Established	56,510	19	120	180	97.4%	0.7%	2.0%	85.0%	7.5%	7.5%	60.3	33	72	155	334
5002	US 50	East of Bass Lake Rd	Developing	67,700	39	105	195	98.1%	0.5%	1.4%	85.0%	7.5%	7.5%	66.8	87	187	404	870
5003	US 50	East of El Dorado Hills Boulev	Corridor	74,200	58	83	217.5	98.1%	0.5%	1.4%	85.0%	7.5%	7.5%	73.2	220	474	1022	2201
5004	US 50	East of Prairie City Rd	Developing	85,540	42	105	195	98.1%	0.5%	1.4%	85.0%	7.5%	7.5%	68.7	117	251	541	1165
5005	US-50	East of Folsom Boulevard	Corridor	86,650	42	105	195	98.0%	0.5%	1.5%	85.0%	7.5%	7.5%	68.8	119	256	551	1188
5006	US 50	East of Sunrise Boulevard	Corridor	137,860	42	90	210	97.7%	0.6%	1.7%	85.0%	7.5%	7.5%	71.5	174	374	806	1736
5007	US-50	East of Zinfandel Drive	Corridor	156,000	42	75	225	97.6%	0.6%	1.8%	85.0%	7.5%	7.5%	73.0	205	442	952	2051
5008	US-50	East of Bradshaw Road	Corridor	199,390	42	75	225	97.5%	0.6%	1.9%	85.0%	7.5%	7.5%	74.1	244	526	1133	2440
5009	US 50	East of Watt Ave	Corridor	199,170	21	90	210	97.4%	0.6%	1.9%	85.0%	7.5%	7.5%	67.1	88	190	410	884
5010	US-50	East of Howe Avenue	Established	189,260	31	83	217.5	97.4%	0.6%	1.9%	85.0%	7.5%	7.5%	70.0	135	290	626	1348
5011	US-50	East of 59th Street	Corridor	225,000	32	90	210	96.6%	0.9%	2.6%	85.0%	7.5%	7.5%	71.1	164	352	759	1636
5012	US 50	East of 15th/16th St	Corridor	260,000	35	68	232.5	95.8%	1.0%	3.1%	85.0%	7.5%	7.5%	74.4	246	530	1142	2460
5013	US 50	West of I-5	Corridor	131,000	32	90	210	97.5%	0.6%	1.9%	85.0%	7.5%	7.5%	68.3	106	229	492	1061
5014	US 50	East of Harbor Blvd	Established	76,400	31	83	217.5	97.1%	0.7%	2.2%	85.0%	7.5%	7.5%	66.3	76	163	352	757
5015	US 50	East of W.Capital	Established	56,860	32	90	210	97.1%	0.7%	2.2%	85.0%	7.5%	7.5%	64.9	63	136	292	629
5017	US 50	West of El Dorado Hills Boule	Corridor	99,000	40	98	202.5	98.3%	0.4%	1.3%	85.0%	7.5%	7.5%	68.9	119	257	553	1192
5017	US 50	West of Stockton	Corridor	225,420	40	75	225	96.6%	0.8%	2.5%	85.0%	7.5%	7.5%	74.4	254	547	1179	2541
5022	21st Street	North of 'W' Street	Corridor	9,580	25	135	165	99.7%	0.1%	0.2%	85.0%	7.5%	7.5%	51.4	9	18	40	85
5023	19th Street	North of 'W' Street	Corridor	8,790	25	135	165	99.7%	0.1%	0.2%	85.0%	7.5%	7.5%	51.0	8	17	37	81
5026	15th Street	North of 'W' Street	Corridor	34,070	28	105	195	98.5%	0.4%	1.1%	85.0%	7.5%	7.5%	59.9	30	65	140	302
5031	10th Street	North of 'W' Street	Corridor	6,690	20	128	172.5	99.0%	0.2%	0.7%	85.0%	7.5%	7.5%	49.0	6	13	27	59
5032	9th Street	North of 'W' Street	Corridor	8,200	20	128	172.5	99.1%	0.2%	0.7%	85.0%	7.5%	7.5%	49.8	7	14	31	67
5033	8th Street	North of 'W' Street	Corridor	2,910	20	135	165	99.1%	0.2%	0.7%	85.0%	7.5%	7.5%	45.2	3	7	15	33
5035	5th Street	North of 'W' Street	Corridor	9,160	20	105	195	99.2%	0.2%	0.6%	85.0%	7.5%	7.5%	50.6	7	16	34	72
5037	3rd Street	North of 'W' Street	Corridor	9,880	20	128	172.5	99.2%	0.2%	0.6%	85.0%	7.5%	7.5%	50.5	7	16	34	74
5039	'Q' Street	West of 3rd Street	Corridor	9,720	25	120	180	98.0%	0.5%	1.5%	85.0%	7.5%	7.5%	53.4	12	25	53	115
5040	'P' Street	West of 3rd Street	Corridor	16,750	25	128	172.5	97.9%	0.5%	1.6%	85.0%	7.5%	7.5%	55.7	16	36	77	165
5042	'N' Street	West of 3rd Street	Corridor	1,120	20	128	172.5	99.6%	0.1%	0.3%	85.0%	7.5%	7.5%	40.1	2	3	7	15
5044	Capitol Mall	West of 3rd Street	Corridor	21,900	20	105	195	99.5%	0.1%	0.4%	85.0%	7.5%	7.5%	53.8	12	26	55	119
5048	EB Connector From 'I' St. Brid	West of 3rd Street	Corridor	18,620	20	120	180	98.7%	0.3%	1.0%	85.0%	7.5%	7.5%	54.1	13	27	59	127
5049	'I' Street	West of 3rd Street	Corridor	3,640	20	135	165	99.8%	0.0%	0.1%	85.0%	7.5%	7.5%	44.7	3	7	14	31
5050	Richards Boulevard	West of Bercut	Corridor	25,140	30	120	180	97.5%	0.6%	1.9%	85.0%	7.5%	7.5%	59.5	29	63	135	291
5051	'J' Street	West of 5th Street	Corridor	24,690	25	120	180	98.5%	0.4%	1.1%	85.0%	7.5%	7.5%	57.0	20	43	93	200
5052	'I' Street	West of 5th Street	Corridor	18,430	25	120	180	98.7%	0.3%	1.0%	85.0%	7.5%	7.5%	55.5	16	34	74	160

5053	'L' Street	West of 5th Street	Corridor	11,720	20	120	180	99.0%	0.3%	0.8%	85.0%	7.5%	7.5%	51.7	9	19	41	88
5054	Richards Boulevard	West of N. 12th Street	Corridor	13,280	20	120	180	98.0%	0.5%	1.5%	85.0%	7.5%	7.5%	53.5	12	25	54	117
5057	Fair Oaks Boulevard / 'H' Stre	West of Cadillac Drive	Established	40,170	35	120	180	99.6%	0.1%	0.3%	85.0%	7.5%	7.5%	61.9	43	92	198	426
5058	Howe Avenue	South of Swarthmore Drive	Established	64,500	45	120	180	98.8%	0.3%	0.9%	85.0%	7.5%	7.5%	67.6	102	220	474	1020
5059	Folsom Boulevard / Lake Nat	North of or South of Leidsdor	Corridor	20,540	40	120	180	99.0%	0.3%	0.8%	85.0%	7.5%	7.5%	61.1	37	80	173	373
5060	Riley Street / Rainbow Bridge	North of or South of Leidsdor	Corridor	24,190	20	135	165	99.8%	0.0%	0.1%	85.0%	7.5%	7.5%	53.0	11	24	51	109
5061	Salmon Falls Road	North of or South of Near Am	Rural Residential	280	35	135	165	99.4%	0.2%	0.5%	85.0%	7.5%	7.5%	40.3	2	3	7	16
5063	Bridge Street / Feather River	East of 2nd Street	Corridor	30,520	25	135	165	99.1%	0.2%	0.7%	85.0%	7.5%	7.5%	57.1	20	44	95	205
5064	Simpson Lane	West of Davis Road	Established	1,600	45	135	165	94.9%	1.3%	3.9%	85.0%	7.5%	7.5%	52.6	10	22	48	104
5065	State Route 70 / Bear River C	South of Feather River Boulev	Established	21,890	63	120	180	93.4%	1.6%	4.9%	85.0%	7.5%	7.5%	68.6	119	257	554	1194
5066	Forty Mile Road	North of or South of Wheatla	Established	2,060	45	135	165	99.1%	0.2%	0.7%	85.0%	7.5%	7.5%	52.3	10	21	46	99
5068	McCourtney Road	North of Karchner Road	Rural Residential	880	40	135	165	91.1%	2.2%	6.6%	85.0%	7.5%	7.5%	49.8	7	14	31	67
5070	State Route 174	at Placer-Nevada CL	Corridor	4,320	35	135	165	92.1%	2.0%	5.9%	85.0%	7.5%	7.5%	55.1	15	33	71	152
5071	Marysville Rd	at W. of SH 49/Yuba-Nevada (	Rural Residential	720	45	135	165	100.0%	0.0%	0.0%	85.0%	7.5%	7.5%	47.4	5	10	21	46
5072	Green Valley Road	West of Sophia Parkway	Established	27,660	35	135	165	99.7%	0.1%	0.2%	85.0%	7.5%	7.5%	60.0	32	69	150	322
5073	Sophia Parkway	East of Empire Ranch Road	Established	4,300	40	135	165	99.8%	0.0%	0.1%	85.0%	7.5%	7.5%	53.6	12	26	56	121
5074	White Rock Road	at Sacramento - El Dorado CL	Established	9,140	40	135	165	95.6%	1.1%	3.3%	85.0%	7.5%	7.5%	58.6	26	56	121	261
5075	South Shingle Road	West of Latrobe Road	Rural Residential	260	25	135	165	99.2%	0.2%	0.6%	85.0%	7.5%	7.5%	36.3	1	2	4	8
5076	Power Inn Road	South of Folsom Boulevard	Corridor	58,020	35	105	195	98.5%	0.4%	1.1%	85.0%	7.5%	7.5%	64.6	62	134	289	622
5077	Florin-Perkins Road	South of SR 16 / Jackson High	Corridor	32,470	35	120	180	97.8%	0.5%	1.6%	85.0%	7.5%	7.5%	62.0	43	92	199	429
5080	Mayhew Road	South of SR 16 / Jackson High	Established	5,300	40	135	165	98.8%	0.3%	0.9%	85.0%	7.5%	7.5%	55.0	15	32	69	149
5081	Bradshaw Road	South of SR 16 / Jackson High	Rural Residential	29,860	45	135	165	97.0%	0.8%	2.3%	85.0%	7.5%	7.5%	64.7	66	142	306	660
5082	Excelsior Road	South of SR 16 / Jackson High	Rural Residential	5,050	40	135	165	99.4%	0.1%	0.4%	85.0%	7.5%	7.5%	54.5	14	30	64	138
5083	Eagles' Nest Road	South of SR 16 / Jackson High	Rural Residential	1,410	45	135	165	95.7%	1.1%	3.2%	85.0%	7.5%	7.5%	51.8	9	20	43	92
5084	Sunrise Boulevard	South of SR 16 / Jackson High	Rural Residential	11,220	50	135	165	94.7%	1.3%	4.0%	85.0%	7.5%	7.5%	62.4	46	100	215	462
5085	Grant Line Road	South of SR 16 / Jackson High	Established	6,700	45	135	165	92.6%	1.8%	5.5%	85.0%	7.5%	7.5%	59.4	30	64	137	295
5087	Dillard Road	South of SR 16 / Jackson High	Rural Residential	3,320	45	135	165	98.6%	0.4%	1.1%	85.0%	7.5%	7.5%	54.6	14	30	65	140
5088	Capitol Mall / Tower Bridge G	East of '3rd' Street (West Sac	Corridor	15,160	15	120	180	99.5%	0.1%	0.4%	85.0%	7.5%	7.5%	50.6	7	16	35	75
5090	Garden Highway	North of or South of West Elv	Established	270	40	135	165	99.3%	0.2%	0.5%	85.0%	7.5%	7.5%	41.9	2	4	9	20
5091	Power Line Road	North of or South of West Elv	Established	390	30	135	165	99.7%	0.1%	0.2%	85.0%	7.5%	7.5%	39.5	1	3	6	14
5092	Sorento Road	North of Elverta Road	Rural Residential	540	45	135	165	99.4%	0.2%	0.5%	85.0%	7.5%	7.5%	46.4	4	9	18	40
5093	Rio Linda Boulevard	North of Elverta Road	Rural Residential	3,520	38	128	172.5	99.1%	0.2%	0.7%	85.0%	7.5%	7.5%	52.5	10	22	47	102
5096	Palladay Road	North of Elverta Road	Developing	300	25	135	165	99.9%	0.0%	0.0%	85.0%	7.5%	7.5%	36.0	1	2	4	8
5102	Capitol City Frwy / American	at American River	Corridor	180,940	21	105	195	97.7%	0.6%	1.7%	85.0%	7.5%	7.5%	65.8	75	162	349	753
5103	Capitol City Frwy	North of Arden Way	Corridor	168,080	27	83	217.5	97.8%	0.5%	1.6%	85.0%	7.5%	7.5%	68.0	99	213	458	987
5104	Capitol City Frwy	North of Arden Way	Corridor	146,360	32	98	202.5	97.4%	0.6%	1.9%	85.0%	7.5%	7.5%	68.5	111	240	517	1113
5105	Auburn Boulevard	North of Twin Oaks Avenue	Corridor	33,240	40	120	180	99.6%	0.1%	0.3%	85.0%	7.5%	7.5%	62.9	49	106	228	491
5107	Sunrise Boulevard	North of or South of Twin Oa	Established	33,240	40	120	180	98.9%	0.3%	0.8%	85.0%	7.5%	7.5%	63.2	52	111	240	517
5109	Old Auburn Road	East of Wachtel Way	Established	15,350	30	135	165	99.8%	0.0%	0.1%	85.0%	7.5%	7.5%	55.4	16	34	74	159
5111	Hazel Avenue / Sierra College	South of Old Auburn Road	Established	34,960	45	120	180	98.5%	0.4%	1.1%	85.0%	7.5%	7.5%	65.1	69	149	320	690
5112	San Juanita Avenue	North of Canyon Falls Drive	Established	5,460	30	135	165	99.6%	0.1%	0.3%	85.0%	7.5%	7.5%	51.1	8	18	38	82
5113	Auburn-Folsom Road	North of Auburn Dam Road	Established	33,730	45	120	180	98.7%	0.3%	1.0%	85.0%	7.5%	7.5%	64.8	67	143	309	665
5115	County Road 89	South of County Road 27	Established	1,070	45	135	165	97.9%	0.5%	1.6%	85.0%	7.5%	7.5%	49.9	7	15	32	68
5118	County Road 95	South of County Road 27	Established	1,010	45	135	165	99.6%	0.1%	0.3%	85.0%	7.5%	7.5%	49.0	6	13	28	60
5120	County Road 98	South of County Road 27	Established	2,360	45	135	165	99.4%	0.2%	0.5%	85.0%	7.5%	7.5%	52.8	11	23	49	106
5121	County Road 99	South of County Road 27	Established	1,650	35	135	165	99.2%	0.2%	0.6%	85.0%	7.5%	7.5%	48.1	5	11	24	52
5122	County Road 102	South of County Road 27	Established	1,450	45	135	165	99.1%	0.2%	0.7%	85.0%	7.5%	7.5%	50.8	8	17	36	78
5125	State Route 160/ Freeport Sa	Sacramento River Crossing n/	Rural Residential	3,840	35	135	165	98.2%	0.5%	1.4%	85.0%	7.5%	7.5%	52.3	10	21	46	98
5126	State Route 160/ Courtland S	Sacramento River Crossing n/	Established	2,250	45	135	165	97.5%	0.6%	1.9%	85.0%	7.5%	7.5%	53.3	11	25	53	115
5127	State Route 160/ Walnut Gro	Sacramento River Crossing n/	Rural Residential	8,330	40	135	165	89.4%	2.7%	8.0%	85.0%	7.5%	7.5%	59.9	32	69	148	319
5128	'E' Street	East of 30th Street	Corridor	6,440	25	135	165	99.6%	0.1%	0.3%	85.0%	7.5%	7.5%	49.8	7	14	31	67
5130	'G' Street	East of 30th Street	Corridor	1,490	20	120	180	99.7%	0.1%	0.3%	85.0%	7.5%	7.5%	41.5	2	4	9	18
5131	'H' Street	East of 30th Street	Corridor	15,840	20	120	180	99.2%	0.2%	0.6%	85.0%	7.5%	7.5%	52.6	10	22	47	102
5133	'J' Street	East of 30th Street	Corridor	11,640	25	135	165	99.4%	0.1%	0.4%	85.0%	7.5%	7.5%	52.5	10	22	48	102
5135	'L' Street	East of 30th Street	Corridor	3,880	25	128	172.5	99.4%	0.1%	0.4%	85.0%	7.5%	7.5%	47.8	5	11	23	49
5136	Capitol Avenue	East of 30th Street	Corridor	11,790	20	120	180	99.1%	0.2%	0.7%	85.0%	7.5%	7.5%	51.5	9	18	40	86
5139	'P' Street	East of 30th Street	Corridor	8,070	25	128	172.5	99.4%	0.2%	0.5%	85.0%	7.5%	7.5%	51.1	8	18	38	81
5140	'Q' Street	East of 30th Street	Corridor	5,280	25	128	172.5	99.5%	0.1%	0.4%	85.0%	7.5%	7.5%	49.1	6	13	28	60
5142	'S' Street	East of 30th Street	Corridor	4,840	25	135	165	99.4%	0.1%	0.4%	85.0%	7.5%	7.5%	48.7	6	12	26	57
5143	'T' Street	East of 30th Street	Corridor	4,460	20	135	165	99.6%	0.1%	0.3%	85.0%	7.5%	7.5%	46.0	4	8	17	37
5145	26th Street	South of 'X' Street	Corridor	4,580	25	135	165	99.3%	0.2%	0.6%	85.0%	7.5%	7.5%	48.7	6	12	26	56

5147	24th Street	South of 'X' Street	Corridor	7,620	20	135	165	99.7%	0.1%	0.3%	85.0%	7.5%	7.5%	48.3	5	11	25	53
5150	21st Street	South of 'X' Street	Corridor	7,560	25	135	165	99.6%	0.1%	0.3%	85.0%	7.5%	7.5%	50.5	7	16	35	75
5151	19th Street	South of 'X' Street	Corridor	6,260	25	135	165	99.6%	0.1%	0.3%	85.0%	7.5%	7.5%	49.6	7	14	30	66
5154	16th Street	South of 'X' Street	Corridor	10,040	10	128	172.5	99.8%	0.1%	0.2%	85.0%	7.5%	7.5%	47.7	5	10	22	48
5155	15th Street	South of 'X' Street	Corridor	10,080	20	128	172.5	99.8%	0.0%	0.1%	85.0%	7.5%	7.5%	49.3	6	13	29	62
5158	Riverside Boulevard	South of 'X' Street	Corridor	9,240	20	120	180	99.4%	0.2%	0.5%	85.0%	7.5%	7.5%	49.9	7	15	31	68
5159	10th Street	South of 'X' Street	Corridor	2,540	20	128	172.5	99.4%	0.1%	0.4%	85.0%	7.5%	7.5%	44.1	3	6	13	28
5160	9th Street	South of 'X' Street	Corridor	2,880	20	128	172.5	99.1%	0.2%	0.7%	85.0%	7.5%	7.5%	45.2	3	7	15	33
5161	8th Street	South of 'X' Street	Corridor	1,830	20	135	165	99.9%	0.0%	0.1%	85.0%	7.5%	7.5%	41.6	2	4	9	19
5163	5th Street	South of 'X' Street	Corridor	6,030	20	120	180	99.7%	0.1%	0.2%	85.0%	7.5%	7.5%	47.5	5	10	21	46
5166	North-South Road	North of Omo Ranch Road	Rural Residential	200	25	135	165	95.4%	1.2%	3.5%	85.0%	7.5%	7.5%	38.1	1	2	5	11
5167	Mormon Emigrant Trail	North of State Route 88	Rural Residential	790	35	135	165	90.2%	2.5%	7.4%	85.0%	7.5%	7.5%	48.3	5	12	25	53
5168	Omo Ranch Road	West of North-South Road	Rural Residential	350	35	135	165	74.1%	6.5%	19.4%	85.0%	7.5%	7.5%	47.7	5	11	23	49
5169	Latrobe Road	El Dorado/Amador CL n/a	Rural Residential	4,530	45	135	165	92.8%	1.8%	5.4%	85.0%	7.5%	7.5%	57.7	23	49	105	225
5170	Shenendoah Road	El Dorado/Amador CL n/a	Rural Residential	730	45	143	157.5	99.4%	0.2%	0.5%	85.0%	7.5%	7.5%	47.6	5	10	22	48
5171	Twin Cities Road (County Roa	Sacramento/Amador CL n/a	Rural Residential	3,270	45	135	165	97.7%	0.6%	1.7%	85.0%	7.5%	7.5%	54.8	15	31	67	145
5172	Lower Sacramento Road (S. o	at Sacramento-San Joaquin C	Established	10,830	35	135	165	100.0%	0.0%	0.0%	85.0%	7.5%	7.5%	55.8	17	36	78	168
5175	County Road 104/Mace Blvd.	South of County Road 32D/M	Established	2,730	40	135	165	99.9%	0.0%	0.1%	85.0%	7.5%	7.5%	51.6	9	19	41	89
5177	'E' Street	West of 29th St	Corridor	4,310	20	135	165	99.0%	0.3%	0.8%	85.0%	7.5%	7.5%	47.1	4	10	21	44
5179	'G' Street	West of 29th St	Corridor	1,690	20	135	165	98.5%	0.4%	1.1%	85.0%	7.5%	7.5%	43.7	3	6	12	26
5180	'H' Street	West of 29th St	Corridor	5,240	20	135	165	99.1%	0.2%	0.7%	85.0%	7.5%	7.5%	47.8	5	11	23	49
5181	'I' Street	West of 29th St	Corridor	5,130	20	135	165	99.4%	0.1%	0.4%	85.0%	7.5%	7.5%	47.1	4	10	20	44
5182	'J' Street	West of 29th St	Corridor	16,400	25	128	172.5	99.3%	0.2%	0.6%	85.0%	7.5%	7.5%	54.3	13	29	62	133
5183	'K' Street	West of 29th St	Corridor	3,820	20	135	165	99.1%	0.2%	0.7%	85.0%	7.5%	7.5%	46.3	4	8	18	39
5185	Capitol Avenue	West of 29th St	Corridor	10,540	20	135	165	99.6%	0.1%	0.3%	85.0%	7.5%	7.5%	49.9	7	15	32	68
5186	'N' Street	West of 29th St	Corridor	7,790	20	128	172.5	99.0%	0.3%	0.8%	85.0%	7.5%	7.5%	49.7	7	14	31	66
5188	'P' Street	West of 29th St	Corridor	8,900	25	135	165	99.3%	0.2%	0.5%	85.0%	7.5%	7.5%	51.5	9	19	40	87
5189	'Q' Street	West of 29th St	Corridor	3,960	25	135	165	99.4%	0.1%	0.4%	85.0%	7.5%	7.5%	47.9	5	11	23	50
5191	'S' Street	West of 29th St	Corridor	4,070	20	135	165	99.5%	0.1%	0.4%	85.0%	7.5%	7.5%	45.9	4	8	17	37
5192	'T' Street	West of 29th St	Corridor	4,280	20	135	165	99.6%	0.1%	0.3%	85.0%	7.5%	7.5%	46.0	4	8	17	38
5193	26th Street	North of 'W' Street	Corridor	3,260	20	135	165	99.6%	0.1%	0.3%	85.0%	7.5%	7.5%	44.7	3	7	14	31
5277	Watt Avenue	South of PFE Road	Established	10,060	45	135	165	99.4%	0.2%	0.5%	85.0%	7.5%	7.5%	59.1	28	60	130	279
5278	Walerga Road	South of PFE Road	Established	20,540	40	135	165	99.8%	0.1%	0.2%	85.0%	7.5%	7.5%	60.4	34	74	159	343
5279	Antelope Road	South of PFE Road	Established	6,110	35	135	165	99.0%	0.2%	0.7%	85.0%	7.5%	7.5%	53.9	13	27	58	125
5280	Roseville Road	South of Whyte Road	Established	11,470	50	135	165	99.5%	0.1%	0.4%	85.0%	7.5%	7.5%	61.0	38	81	174	375
6001	Base line Rd	East of Fiddyment Rd	Established	14,010	40	128	172.5	99.0%	0.3%	0.8%	85.0%	7.5%	7.5%	59.3	28	61	132	285
6002	Elverta Rd	West of SR70-99	Established	1,400	45	135	165	100.0%	0.0%	0.0%	85.0%	7.5%	7.5%	50.3	7	16	34	72
6003	Elverta Rd	East of SR70-99	Rural Residential	4,780	55	135	165	97.9%	0.5%	1.6%	85.0%	7.5%	7.5%	59.0	28	59	128	275
6005	Howsley Rd	East of SR70-99	Established	3,160	40	135	165	98.5%	0.4%	1.1%	85.0%	7.5%	7.5%	52.9	11	23	50	108
6006	State Route 70-99	North of W Catlett Rd	Established	36,600	63	120	180	93.3%	1.7%	5.1%	85.0%	7.5%	7.5%	70.9	169	364	785	1691
6007	State Route 70-99	North of Catlett Rd	Established	36,600	63	120	180	93.2%	1.7%	5.1%	85.0%	7.5%	7.5%	70.9	169	364	785	1692
6008	Catlett Rd	East of SR70-99	Established	550	40	135	165	96.2%	0.9%	2.8%	85.0%	7.5%	7.5%	46.2	4	8	18	39
6009	State Route 70	North of SR70-99 Y	Established	19,460	63	120	180	93.5%	1.6%	4.8%	85.0%	7.5%	7.5%	68.1	110	237	511	1100
6011	State Route 113/N East St	North of CR 18C	Established	3,030	55	135	165	96.6%	0.9%	2.6%	85.0%	7.5%	7.5%	57.4	22	46	100	215
6013	CR 102	North of CR 18C	Established	7,470	45	135	165	94.6%	1.3%	4.0%	85.0%	7.5%	7.5%	59.4	29	63	136	292
6014	State Route 16	West of CR 98	Established	10,850	45	135	165	98.6%	0.3%	1.0%	85.0%	7.5%	7.5%	59.7	31	66	143	307
6015	CR 102	South of I-5	Established	10,950	35	120	180	98.9%	0.3%	0.9%	85.0%	7.5%	7.5%	56.7	19	41	89	192
6016	CR102	North of CR 27	Established	6,750	45	135	165	99.1%	0.2%	0.7%	85.0%	7.5%	7.5%	57.5	22	47	101	218
6017	CR102	South of CR 29	Established	7,110	45	135	165	99.1%	0.2%	0.7%	85.0%	7.5%	7.5%	57.7	23	49	105	225
6018	Jefferson Blvd	North of Willow Point Rd	Established	2,940	55	135	165	90.9%	2.3%	6.8%	85.0%	7.5%	7.5%	58.5	26	55	119	257
6019	S River Rd	North of Babel Slough Rd	Established	540	30	135	165	98.4%	0.4%	1.2%	85.0%	7.5%	7.5%	42.0	2	4	9	20
6020	Rio Oso Rd	East of SR70	Established	1,000	45	135	165	97.4%	0.6%	1.9%	85.0%	7.5%	7.5%	49.8	7	14	31	67
6021	State Route 49	North of Bell Rd	Established	29,580	45	120	180	98.7%	0.3%	1.0%	85.0%	7.5%	7.5%	64.3	61	132	283	611
6022	State Route 49	South of Bell Rd	Established	34,720	45	105	195	98.4%	0.4%	1.2%	85.0%	7.5%	7.5%	65.5	72	155	333	717
6023	State Route 49	North of Luther Rd	Established	44,000	45	105	195	98.6%	0.4%	1.1%	85.0%	7.5%	7.5%	66.5	83	179	387	833
6024	Base line Rd	East of Pleasant grove Rd	Established	10,810	50	135	165	96.9%	0.8%	2.4%	85.0%	7.5%	7.5%	61.6	41	89	191	412
6025	Nicolaus Ave	East of SH 70	Established	2,460	40	135	165	98.0%	0.5%	1.5%	85.0%	7.5%	7.5%	52.0	9	20	44	95
6026	Pleasant Grove Rd	North of Nicolaus Ave	Established	1,370	45	135	165	97.9%	0.5%	1.6%	85.0%	7.5%	7.5%	51.0	8	17	37	80
6027	State Route 193	East of Sierra College Blvd	Developing	9,470	45	135	165	97.1%	0.7%	2.2%	85.0%	7.5%	7.5%	59.7	31	66	142	305
6029	Base line Rd	East of Watt Ave	Developing	17,270	50	135	165	98.2%	0.4%	1.3%	85.0%	7.5%	7.5%	63.2	53	114	245	527
6030	Riego Rd	East of Garden Hwy	Established	570	45	135	165	99.6%	0.1%	0.3%	85.0%	7.5%	7.5%	46.5	4	9	19	41

6031	Old Foresthill Rd	East of Coloma Rd	Established	730	25	135	165	99.6%	0.1%	0.3%	85.0%	7.5%	7.5%	40.3	2	3	7	16
6032	Coloma Rd	South of Old Foresthill Rd	Established	9,450	25	120	180	98.5%	0.4%	1.1%	85.0%	7.5%	7.5%	52.8	10	23	49	105
6033	Base line Rd	West of Foothills blvd	Established	17,350	35	128	172.5	99.6%	0.1%	0.3%	85.0%	7.5%	7.5%	58.2	24	52	112	241
6034	White Rock Rd	East of Prairie City Rd	Developing	10,190	45	135	165	94.9%	1.3%	3.8%	85.0%	7.5%	7.5%	60.6	35	76	165	355
6034	White Rock Rd	West of Scott Rd	Developing	10,190	45	135	165	94.9%	1.3%	3.8%	85.0%	7.5%	7.5%	60.6	35	76	165	355
6037	Grant Line Rd	South of Douglas Rd	Developing	8,600	55	135	165	92.7%	1.8%	5.5%	85.0%	7.5%	7.5%	62.8	50	107	230	496
6038	Scott Rd	North of Latrobe Rd	Rural Residential	1,090	40	135	165	97.7%	0.6%	1.7%	85.0%	7.5%	7.5%	48.6	6	12	26	56
6039	Grant Line Rd	East of Kiefer Blvd	Rural Residential	9,090	55	135	165	92.7%	1.8%	5.5%	85.0%	7.5%	7.5%	63.1	51	111	239	515
6040	Grant Line Rd	West of Sunrise Blvd	Rural Residential	17,360	45	135	165	92.6%	1.9%	5.6%	85.0%	7.5%	7.5%	63.6	56	120	259	558
6041	Grant Line Rd	East of East Stockton Rd	Established	22,400	40	120	180	89.6%	2.6%	7.8%	85.0%	7.5%	7.5%	64.4	63	135	290	626
6042	Grant Line Rd	East of SH 99	Established	26,630	35	105	195	91.2%	2.2%	6.6%	85.0%	7.5%	7.5%	64.0	57	122	263	567
6043	Grant Line Rd	North of Elk Grove Blvd	Developing	16,290	45	135	165	88.0%	3.0%	9.0%	85.0%	7.5%	7.5%	64.3	62	135	290	624
6044	Grant Line Rd	North of Wilton Rd	Rural Residential	16,600	40	135	165	93.4%	1.6%	4.9%	85.0%	7.5%	7.5%	61.9	43	93	199	430
6045	Grant Line Rd	North of Sheldon Rd	Rural Residential	14,200	40	135	165	91.4%	2.1%	6.4%	85.0%	7.5%	7.5%	61.8	42	91	195	421
6046	Grant Line Rd	North of Calvine Rd	Rural Residential	18,800	45	135	165	92.6%	1.8%	5.5%	85.0%	7.5%	7.5%	63.9	59	126	272	586
6047	Hood Franklin Rd	East of Corky Lane	Rural Residential	2,920	35	135	165	98.5%	0.4%	1.1%	85.0%	7.5%	7.5%	50.9	8	17	37	80
6048	Franklin Blvd	South of Hood Franklin Rd	Rural Residential	1,710	45	135	165	99.5%	0.1%	0.4%	85.0%	7.5%	7.5%	51.3	9	18	39	85
6049	Bruceville Rd	South of Bilby Rd	Established	7,200	35	135	165	97.1%	0.7%	2.2%	85.0%	7.5%	7.5%	55.6	16	35	76	163
6050	Bruceville Rd	South of Eschinger Rd	Rural Residential	1,680	35	135	165	86.1%	3.5%	10.4%	85.0%	7.5%	7.5%	52.5	10	22	47	102
6051	Dillard Rd	East of SH 99	Rural Residential	5,190	45	135	165	96.8%	0.8%	2.4%	85.0%	7.5%	7.5%	57.2	21	45	96	208
6052	Lambert Rd	East of Herzog Road	Rural Residential	480	45	135	165	96.1%	1.0%	2.9%	85.0%	7.5%	7.5%	47.0	4	9	20	44
6053	Twin Cities Rd	East of River Road	Rural Residential	6,490	45	135	165	89.3%	2.7%	8.0%	85.0%	7.5%	7.5%	60.1	32	70	150	324
6054	Franklin Blvd	North of Twin Cities Rd	Rural Residential	1,880	45	135	165	88.0%	3.0%	9.0%	85.0%	7.5%	7.5%	54.9	15	32	69	148
6055	State Route 160 / River Rd	West of Walnut Grove - Thorn	Rural Residential	5,490	45	135	165	88.3%	2.9%	8.8%	85.0%	7.5%	7.5%	59.5	30	64	139	299
6056	Foresthill Rd	0 Auburn-Foresthill Bridge	Established	1,290	45	135	165	99.7%	0.1%	0.2%	85.0%	7.5%	7.5%	50.0	7	15	32	70
6057	State Route 160 / River Rd	North of SH 12	Established	6,180	40	135	165	87.3%	3.2%	9.5%	85.0%	7.5%	7.5%	59.1	28	60	130	280
6058	Riego Rd	East of SH 99	Developing	8,940	50	135	165	95.3%	1.2%	3.5%	85.0%	7.5%	7.5%	61.2	39	84	180	388
6063	CR 27	East of SH 505	Established	1,150	45	135	165	99.0%	0.3%	0.8%	85.0%	7.5%	7.5%	49.8	7	15	31	67
6067	State Route 16	West of CR 85	Established	1,590	50	135	165	98.4%	0.4%	1.2%	85.0%	7.5%	7.5%	52.8	11	23	49	106
6068	State Route 113/Locust St	East of CR 102	Established	9,300	55	135	165	92.0%	2.0%	6.0%	85.0%	7.5%	7.5%	63.3	54	115	248	535
6071	CR 13	East of I-5	Established	1,410	45	135	165	77.9%	5.5%	16.6%	85.0%	7.5%	7.5%	55.3	16	34	73	157
6072	CR 27	West of SH 505	Established	920	45	135	165	97.9%	0.5%	1.6%	85.0%	7.5%	7.5%	49.3	6	13	29	62
6073	CR 16A	West of SH 113	Established	320	45	135	165	96.1%	1.0%	2.9%	85.0%	7.5%	7.5%	45.3	3	7	16	33
6074	State Route 113	North of SH 45	Established	7,550	55	135	165	92.0%	2.0%	6.0%	85.0%	7.5%	7.5%	62.4	47	100	216	466
6076	Riego Rd	West of SR70-99	Developing	600	40	135	165	98.7%	0.3%	1.0%	85.0%	7.5%	7.5%	45.6	4	8	16	35
6078	State Route 49/Coloma Rd	North of Lotus Rd	Rural Residential	5,200	45	135	165	98.0%	0.5%	1.5%	85.0%	7.5%	7.5%	56.7	20	42	91	195
6079	Lotus Rd	North of Green Valley Rd	Rural Residential	8,680	45	135	165	99.3%	0.2%	0.5%	85.0%	7.5%	7.5%	58.5	25	55	118	253
6080	Cold Springs Rd	North of Placerville Dr	Corridor	4,190	35	135	165	99.6%	0.1%	0.3%	85.0%	7.5%	7.5%	51.9	9	20	43	93
6081	State Route 193 / Georgetow	North of Coloma St	Established	360	35	135	165	99.8%	0.1%	0.2%	85.0%	7.5%	7.5%	41.1	2	4	8	18
6082	State Route 49/Coloma Rd	North of Baker Rd	Established	2,380	35	135	165	98.5%	0.4%	1.1%	85.0%	7.5%	7.5%	50.0	7	15	32	70
6083	Carson Rd	East of Schnell School Rd	Established	1,690	35	135	165	99.5%	0.1%	0.4%	85.0%	7.5%	7.5%	48.0	5	11	24	51
6084	Cedar Ravine Rd	North of Pleasant Valley Rd	Rural Residential	710	35	135	165	99.3%	0.2%	0.5%	85.0%	7.5%	7.5%	44.4	3	6	14	29
6086	Big Cut Rd	North of Pleasant Valley Rd	Established	1,000	25	135	165	99.7%	0.1%	0.2%	85.0%	7.5%	7.5%	41.5	2	4	9	19
6087	State Route 193	North of Taylor Rd	Rural Residential	8,170	35	135	165	96.1%	1.0%	3.0%	85.0%	7.5%	7.5%	56.5	19	41	88	189
6090	S Beale Rd	East of SH 65	Developing	1,130	45	135	165	93.5%	1.6%	4.8%	85.0%	7.5%	7.5%	51.5	9	19	40	87
6091	Ramirez Rd	East of SH 70	Rural Residential	650	45	135	165	97.7%	0.6%	1.8%	85.0%	7.5%	7.5%	47.8	5	11	23	50
6092	N. Township Rd	South of SH 20	Established	1,720	50	135	165	98.8%	0.3%	0.9%	85.0%	7.5%	7.5%	53.0	11	24	51	110
6093	State Route 70	North of Surrey Way	Rural Residential	14,300	55	135	165	93.2%	1.7%	5.1%	85.0%	7.5%	7.5%	64.9	69	148	318	685
6094	40 Mile Rd	South of SH 65	Developing	1,890	40	120	180	99.7%	0.1%	0.2%	85.0%	7.5%	7.5%	50.4	7	16	34	72
6095	Bogue Rd	West of SH 99	Established	6,110	30	135	165	99.9%	0.0%	0.1%	85.0%	7.5%	7.5%	51.3	8	18	39	85
6096	S George Washington Blvd	South of Oswald Rd	Established	2,680	45	135	165	94.0%	1.5%	4.5%	85.0%	7.5%	7.5%	55.1	15	33	70	152
6097	McGowan Pkwy	East of SH 70	Established	8,750	50	135	165	98.5%	0.4%	1.2%	85.0%	7.5%	7.5%	60.2	33	71	154	331
6099	Encinal Rd	West of SH 99/Live Oak Blvd	Established	160	45	135	165	99.0%	0.2%	0.7%	85.0%	7.5%	7.5%	41.2	2	4	8	18
6100	S Township Rd	South of Oswald Rd	Established	540	45	135	165	97.0%	0.8%	2.3%	85.0%	7.5%	7.5%	47.2	5	10	21	45
6101	Township Rd	South of Lincoln Rd	Established	400	45	135	165	97.0%	0.8%	2.3%	85.0%	7.5%	7.5%	46.0	4	8	17	37
6102	S George Washington Blvd	South of Lincoln Rd	Established	2,370	45	135	165	94.5%	1.4%	4.1%	85.0%	7.5%	7.5%	54.4	14	29	63	136
6103	Oswald Rd	West of SH 99	Established	1,070	50	135	165	99.0%	0.3%	0.8%	85.0%	7.5%	7.5%	50.9	8	17	37	79
6104	Barry Rd	West of SH 99	Established	750	50	135	165	95.7%	1.1%	3.3%	85.0%	7.5%	7.5%	50.4	7	16	34	73
6106	Stewart Rd	West of SH 99	Established	570	50	135	165	99.7%	0.1%	0.2%	85.0%	7.5%	7.5%	47.9	5	11	23	50
6107	N George Washington Blvd	South of SH 20 / Colusa Hwy	Established	6,740	45	135	165	96.7%	0.8%	2.5%	85.0%	7.5%	7.5%	58.3	25	53	115	248
6108	State Route 113 /Tudor Rd	West of SH 99	Established	1,550	55	135	165	95.5%	1.1%	3.3%	85.0%	7.5%	7.5%	54.7	14	31	66	143

6110	Plumas-Arboga Rd	East of SR70	Rural Residential	1,640	45	135	165	99.3%	0.2%	0.6%	85.0%	7.5%	7.5%	51.2	8	18	39	84
6111	Ostrum Rd	East of SH 65	Developing	540	45	135	165	99.0%	0.3%	0.8%	85.0%	7.5%	7.5%	46.5	4	9	19	41
6506	Hwy 65	North of Forty Mile Rd.	Developing	18,000	63	120	180	96.6%	0.9%	2.6%	85.0%	7.5%	7.5%	67.1	94	203	437	942
6116	Obanion Rd	West of SH 99	Established	1,880	50	135	165	90.7%	2.3%	7.0%	85.0%	7.5%	7.5%	55.5	16	35	75	162
6117	Eager Rd	West of SH 99	Established	900	50	135	165	99.4%	0.1%	0.4%	85.0%	7.5%	7.5%	50.0	7	15	32	69
6118	Woodruff Ln	East of SH 70	Rural Residential	6,290	45	135	165	95.2%	1.2%	3.6%	85.0%	7.5%	7.5%	58.5	25	55	118	254
6505	State Route 65	South of SH 70	Rural Residential	20,400	63	120	180	96.6%	0.9%	2.6%	85.0%	7.5%	7.5%	67.6	102	221	475	1024
6122	Reclamation Road	North of State Route 113	Established	1,990	45	135	165	97.9%	0.5%	1.5%	85.0%	7.5%	7.5%	52.6	10	22	48	103
6123	Reclamation Road	South of State Route 20	Established	830	45	135	165	99.0%	0.2%	0.7%	85.0%	7.5%	7.5%	48.4	5	12	25	54
6501	State Route 65	North of I-80	Established	117,400	21	113	187.5	98.1%	0.5%	1.4%	85.0%	7.5%	7.5%	63.2	51	110	238	512
2002	State Route 20 / Feather Rive	East of Sutter Street	Established	39,400	40	120	180	97.7%	0.6%	1.7%	85.0%	7.5%	7.5%	64.4	63	135	291	626
7012	State Route 70	at Yuba-Butte CL	Rural Residential	13,900	55	135	165	93.0%	1.8%	5.3%	85.0%	7.5%	7.5%	64.9	68	146	314	678
7111	I-5	North of J Street	Corridor	193,660	59	30	270	94.1%	1.5%	4.4%	85.0%	7.5%	7.5%	84.5	828	1784	3845	8283
7029	I-5	North of County Road 102	Established	44,710	65	120	180	87.8%	3.0%	9.1%	85.0%	7.5%	7.5%	73.1	238	512	1103	2377
7030	I-5	North of East Main Street	Established	31,050	65	120	180	79.3%	5.2%	15.5%	85.0%	7.5%	7.5%	72.7	223	481	1037	2234
530	I-5	South of I-505	Established	24,400	70	120	180	75.2%	6.2%	18.6%	85.0%	7.5%	7.5%	73.0	232	501	1079	2324
7032	State Route 16	West of Sunrise Boulevard	Rural Residential	11,650	45	135	165	95.6%	1.1%	3.3%	85.0%	7.5%	7.5%	61.0	38	81	174	376
8257	State Route 16	East of Sunrise Boulevard	Established	32,410	47	120	180	97.8%	0.5%	1.6%	85.0%	7.5%	7.5%	65.5	74	160	344	741
7036	State Route 20	West of Humphrey Rd	Established	9,300	50	135	165	92.0%	2.0%	6.0%	85.0%	7.5%	7.5%	62.2	45	97	209	451
7037	SR-20	East of B Street	Established	16,500	40	120	180	99.4%	0.2%	0.5%	85.0%	7.5%	7.5%	59.9	31	68	146	314
7038	State Route 20	South of Woodruff Ln	Rural Residential	10,700	45	135	165	99.7%	0.1%	0.3%	85.0%	7.5%	7.5%	59.2	29	62	133	286
7039	State Route 49 / Placer - Neva	North of Lone Star Road	Rural Residential	25,190	50	120	180	98.7%	0.3%	1.0%	85.0%	7.5%	7.5%	64.9	68	146	314	676
7040	State Route 49	West of Borland Ave	Established	8,000	20	135	165	99.3%	0.2%	0.5%	85.0%	7.5%	7.5%	49.1	6	13	28	61
7041	State Route 49	East of Borland Ave	Established	15,290	30	135	165	99.3%	0.2%	0.5%	85.0%	7.5%	7.5%	55.8	17	36	78	169
6503	Hwy 65	North of Sunset Blvd	Established	60,010	21	120	180	98.5%	0.4%	1.1%	85.0%	7.5%	7.5%	59.6	30	65	139	300
7057	B St	South of Hwy 20	Corridor	40,000	40	120	180	97.3%	0.7%	2.0%	85.0%	7.5%	7.5%	64.7	65	139	301	647
8037	I-80	North of Crother Rd	Rural Residential	84,000	58	90	210	87.1%	3.2%	9.7%	85.0%	7.5%	7.5%	75.7	331	712	1535	3307
8030	I-80	West of Richards Blvd	Corridor	127,350	32	105	195	95.4%	1.1%	3.4%	85.0%	7.5%	7.5%	68.6	115	247	532	1147
8039	I-80	East and West of Placer Hills	Rural Residential	44,240	58	120	180	88.8%	2.8%	8.4%	85.0%	7.5%	7.5%	71.6	187	403	868	1870
5110	I-80	West of Moody Ridge Rd	Rural Residential	29,000	58	120	180	79.5%	5.1%	15.4%	85.0%	7.5%	7.5%	71.1	175	376	811	1748
7070	Twin Cities Rd	West of Alta Mesa Rd	Rural Residential	4,240	45	135	165	99.4%	0.1%	0.4%	85.0%	7.5%	7.5%	55.3	16	34	73	156
7071	SR 99	North of Twin Cities Rd	Corridor	80,050	63	90	210	87.5%	3.1%	9.3%	85.0%	7.5%	7.5%	76.4	367	791	1704	3671
7075	SR-99	East of SR-70	Established	21,640	55	120	180	92.7%	1.8%	5.5%	85.0%	7.5%	7.5%	67.1	94	203	436	940
7076	State Route 99	at Feather River Crossing	Established	16,320	50	120	180	92.7%	1.8%	5.5%	85.0%	7.5%	7.5%	64.7	65	141	304	654
7077	State Route 99	South of Garden Highway	Established	14,020	45	135	165	93.9%	1.5%	4.5%	85.0%	7.5%	7.5%	62.3	46	99	213	458
7078	State Route 99	North of SR113	Established	43,530	50	90	210	92.4%	1.9%	5.7%	85.0%	7.5%	7.5%	70.1	140	302	651	1403
7080	State Route 99	South of Barry Ave	Established	20,300	45	120	180	92.0%	2.0%	6.0%	85.0%	7.5%	7.5%	64.6	65	139	300	646
7081	State Route 99	North of Barry Ave	Established	21,800	45	120	180	90.0%	2.5%	7.5%	85.0%	7.5%	7.5%	65.4	73	157	338	728
7082	State Route 99	North of Bridge Street	Corridor	32,800	40	120	180	96.7%	0.8%	2.5%	85.0%	7.5%	7.5%	64.0	59	127	273	588
7083	State Route 99/Live Oak Blvd	North of Encinal Rd	Established	20,800	50	135	165	95.6%	1.1%	3.3%	85.0%	7.5%	7.5%	64.8	67	145	312	672
7084	Hwy 113	North of Reclamation rd	Established	5,250	55	135	165	91.2%	2.2%	6.6%	85.0%	7.5%	7.5%	61.0	38	81	174	375
7086	Hwy 113	North of County Road 18B	Established	2,930	55	135	165	96.6%	0.9%	2.6%	85.0%	7.5%	7.5%	57.2	21	45	98	210
7088	State Route 128	West of County Road 86	Established	1,100	50	135	165	100.0%	0.0%	0.0%	85.0%	7.5%	7.5%	50.6	8	16	35	76
7089	State Route 128	East of County Road 86	Established	2,570	45	135	165	99.5%	0.1%	0.4%	85.0%	7.5%	7.5%	53.1	11	24	52	111
7090	State Route 128	West of I-505	Corridor	11,140	40	135	165	98.2%	0.5%	1.4%	85.0%	7.5%	7.5%	58.5	26	55	119	256
7091	River Rd.	North of Lambert Rd	Rural Residential	2,910	45	135	165	98.4%	0.4%	1.2%	85.0%	7.5%	7.5%	54.1	13	28	60	130
7092	Hwy 160	North of Poverty Rd	Rural Residential	3,360	45	135	165	87.8%	3.1%	9.2%	85.0%	7.5%	7.5%	57.5	22	47	102	219
7106	US 50	East of Sly Park Road	Rural Residential	9,100	58	120	180	96.4%	0.9%	2.7%	85.0%	7.5%	7.5%	63.1	51	110	237	510
9909	State Route 99	South of Kammerer Road	Established	82,000	32	120	180	88.7%	2.8%	8.5%	85.0%	7.5%	7.5%	68.4	116	249	536	1155
9908	State Route 99	South of Dillard Road	Rural Residential	80,050	32	120	180	88.5%	2.9%	8.7%	85.0%	7.5%	7.5%	68.4	115	247	532	1146
531	I-5	North of I-505 South	Established	35,700	70	120	180	74.2%	6.5%	19.4%	85.0%	7.5%	7.5%	74.8	305	657	1415	3048
7110	I-5	North of SR 113 Or East Stree	Established	39,600	70	120	180	81.8%	4.6%	13.7%	85.0%	7.5%	7.5%	74.3	286	616	1328	2860
7504	State Route 20	at Yuba/Nevada CL	Rural Residential	20,510	58	120	180	78.6%	5.4%	16.1%	85.0%	7.5%	7.5%	69.7	141	304	656	1412
7509	State Route 16	West of Ione Road	Rural Residential	9,790	55	135	165	91.4%	2.1%	6.4%	85.0%	7.5%	7.5%	63.7	56	122	262	564
7510	State Route 49	El Dorado/Amador CL n/a	Rural Residential	630	45	143	157.5	95.7%	1.1%	3.3%	85.0%	7.5%	7.5%	48.3	5	12	25	53
8047	I-80	East of I-505	Established	133,000	63	105	195	96.6%	0.9%	2.6%	85.0%	7.5%	7.5%	76.2	372	801	1726	3720
8001	I-80	West of SR-65	Established	85,110	50	68	232.5	96.3%	0.9%	2.8%	85.0%	7.5%	7.5%	73.5	214	461	993	2140
8002	I-80	East of Douglas Blvd	Established	169,560	42	75	225	96.2%	1.0%	2.9%	85.0%	7.5%	7.5%	73.9	235	506	1090	2348
8003	I-80	West of Douglas Blvd	Established	198,420	42	83	217.5	96.2%	0.9%	2.8%	85.0%	7.5%	7.5%	74.0	249	537	1156	2491
8004	I-80 at Sacramento / Placer C	North/East of Antelope Road	Established	210,310	63	75	225	96.1%	1.0%	2.9%	85.0%	7.5%	7.5%	79.8	587	1265	2726	5873
8005	I-80	East of Greenback Lane	Established	195,320	63	75	225	96.1%	1.0%	2.9%	85.0%	7.5%	7.5%	79.5	560	1206	2599	5599

8006	I-80	East of Winters Street	Corridor	136,500	63	90	210	96.0%	1.0%	3.0%	85.0%	7.5%	7.5%	77.1	409	881	1898	4088
8007	I-80	East of Raley Blvd	Established	134,400	63	90	210	95.8%	1.1%	3.2%	85.0%	7.5%	7.5%	77.1	408	879	1893	4079
8008	I-80	East of Norwood Avenue	Established	140,700	63	90	210	95.7%	1.1%	3.2%	85.0%	7.5%	7.5%	77.3	421	907	1954	4209
8009	I-80	East of I-5	Corridor	152,000	61	75	225	95.2%	1.2%	3.6%	85.0%	7.5%	7.5%	78.2	459	988	2128	4586
8010	I-80	West of I-5	Established	95,000	63	90	210	95.3%	1.2%	3.6%	85.0%	7.5%	7.5%	75.7	329	710	1529	3294
8011	I-80	at Sacramento River Crossing	Established	89,480	32	105	195	95.8%	1.1%	3.2%	85.0%	7.5%	7.5%	66.9	89	191	411	886
8012	I-80	at Yolo Causeway	Established	155,300	33	105	195	96.4%	0.9%	2.7%	85.0%	7.5%	7.5%	69.3	128	276	594	1279
8014	'H' Street	East of 39th Street	Established	16,520	30	135	165	99.7%	0.1%	0.2%	85.0%	7.5%	7.5%	55.8	17	37	79	169
8015	'J' Street	East of 39th Street	Established	19,650	30	135	165	99.5%	0.1%	0.4%	85.0%	7.5%	7.5%	56.8	20	42	91	196
8016	Folsom Boulevard	East of 39th Street	Corridor	14,610	35	120	180	99.3%	0.2%	0.5%	85.0%	7.5%	7.5%	57.7	22	48	103	223
8017	Raley Boulevard	South of Main Street	Established	14,320	45	135	165	98.3%	0.4%	1.3%	85.0%	7.5%	7.5%	61.0	38	81	175	376
8018	Elkhorn Boulevard	East of SR 99	Established	18,370	40	135	165	98.6%	0.3%	1.0%	85.0%	7.5%	7.5%	60.5	35	75	161	347
8019	Del Paso Road	East of I-5	Corridor	37,660	45	105	195	98.5%	0.4%	1.1%	85.0%	7.5%	7.5%	65.8	75	162	349	752
8020	Arena Boulevard	East of I-5	Established	12,460	35	90	210	99.5%	0.1%	0.4%	85.0%	7.5%	7.5%	58.0	22	47	101	218
8021	W. El Camino Avenue	East of I-5	Corridor	37,490	35	113	187.5	99.6%	0.1%	0.3%	85.0%	7.5%	7.5%	61.8	41	89	193	415
8022	65th Street	South of US-50	Corridor	60,430	30	120	180	99.4%	0.2%	0.5%	85.0%	7.5%	7.5%	62.0	43	92	199	428
8023	Florin Road	East of I-5	Established	45,200	30	120	180	99.7%	0.1%	0.2%	85.0%	7.5%	7.5%	60.4	34	73	157	337
8025	Florin Road	West of SR 99	Corridor	60,420	40	105	195	99.5%	0.1%	0.4%	85.0%	7.5%	7.5%	65.9	77	165	356	766
8027	Florin Road	East of SR 99	Corridor	36,700	40	105	195	99.3%	0.2%	0.5%	85.0%	7.5%	7.5%	63.9	56	120	259	557
8029	Cosumnes River Boulevard	West of SR 99	Corridor	42,100	40	105	195	99.4%	0.1%	0.4%	85.0%	7.5%	7.5%	64.4	61	130	281	605
8031	Coloma Road	North of Folsom Boulevard	Corridor	16,550	40	120	180	99.5%	0.1%	0.4%	85.0%	7.5%	7.5%	59.9	31	67	145	311
8032	Folsom Boulevard	West of Coloma Road	Corridor	21,500	35	120	180	99.6%	0.1%	0.3%	85.0%	7.5%	7.5%	59.2	28	61	131	282
8033	Coloma Road	West of Sunrise Boulevard	Established	20,060	40	120	180	99.6%	0.1%	0.3%	85.0%	7.5%	7.5%	60.7	35	76	163	351
8034	Zinfandel Drive	South of Folsom Boulevard	Corridor	24,990	20	120	180	99.4%	0.2%	0.5%	85.0%	7.5%	7.5%	54.2	13	28	61	131
8035	Mather Field Road	South of Folsom Boulevard	Corridor	22,200	25	120	180	99.6%	0.1%	0.3%	85.0%	7.5%	7.5%	55.3	15	33	72	155
8036	Sunrise Boulevard	South of Folsom Boulevard	Corridor	52,930	45	105	195	98.4%	0.4%	1.2%	85.0%	7.5%	7.5%	67.4	95	206	443	954
8037	Routier Road	at US-50 Overcrossing	Corridor	10,050	40	135	165	99.5%	0.1%	0.4%	85.0%	7.5%	7.5%	57.5	22	47	101	218
8038	5th Street	West of 'G' Street	Established	14,610	30	120	180	99.1%	0.2%	0.7%	85.0%	7.5%	7.5%	56.0	17	37	80	172
8039	Bridge Street	East of SR 99	Established	19,180	35	120	180	99.5%	0.1%	0.4%	85.0%	7.5%	7.5%	58.8	26	57	123	264
8040	Franklin Road	East of SR 99	Established	12,720	35	135	165	99.7%	0.1%	0.2%	85.0%	7.5%	7.5%	56.6	19	41	89	192
8041	Lincoln Road	East of SR 99	Established	11,240	30	135	165	99.7%	0.1%	0.2%	85.0%	7.5%	7.5%	54.2	13	28	61	132
8042	2nd Street	South of Bridge Street	Corridor	15,770	30	135	165	98.1%	0.5%	1.4%	85.0%	7.5%	7.5%	56.8	20	42	91	196
8043	Nicolaus Road	East of Joiner Parkway	Established	7,010	40	135	165	98.7%	0.3%	0.9%	85.0%	7.5%	7.5%	56.3	18	39	84	181
8044	Ferrari Ranch Road	East of SR 65	Corridor	8,710	40	120	180	99.7%	0.1%	0.3%	85.0%	7.5%	7.5%	57.0	20	43	93	200
8045	Twelve Bridges Drive	East of SR 65	Corridor	18,660	40	120	180	99.5%	0.1%	0.3%	85.0%	7.5%	7.5%	60.4	34	72	156	336
8046	East Lincoln Parkway	East of Sterling Parkway	Corridor	7,260	40	120	180	99.9%	0.0%	0.1%	85.0%	7.5%	7.5%	56.1	17	37	81	174
8047	East Avenue	North of State Route 193	Established	10,230	35	135	165	99.7%	0.1%	0.2%	85.0%	7.5%	7.5%	55.7	17	36	77	166
8048	Freeport Boulevard	South of Fruitridge Boulevard	Established	19,380	30	120	180	98.3%	0.4%	1.3%	85.0%	7.5%	7.5%	57.8	23	49	105	227
8049	South Land Park	South of Fruitridge Boulevard	Established	8,730	30	135	165	99.9%	0.0%	0.1%	85.0%	7.5%	7.5%	52.9	11	23	50	108
8050	24th Street	South of Fruitridge Boulevard	Corridor	13,770	30	120	180	99.7%	0.1%	0.2%	85.0%	7.5%	7.5%	55.3	15	33	71	153
8051	Freeport	South of Florin Road	Established	11,210	45	120	180	96.3%	0.9%	2.8%	85.0%	7.5%	7.5%	60.9	36	78	169	364
8052	24th Street	South of Florin Road	Corridor	12,550	30	120	180	99.8%	0.0%	0.1%	85.0%	7.5%	7.5%	54.8	14	31	66	142
8053	Franklin Boulevard	South of Fruitridge Boulevard	Corridor	19,140	40	120	180	99.6%	0.1%	0.3%	85.0%	7.5%	7.5%	60.4	34	73	157	339
8054	Franklin Boulevard	South of Florin Road	Corridor	24,910	40	120	180	99.5%	0.1%	0.4%	85.0%	7.5%	7.5%	61.7	41	88	190	409
8055	Truxel Road	North of Garden Highway	Corridor	14,730	35	120	180	99.6%	0.1%	0.3%	85.0%	7.5%	7.5%	57.6	22	47	102	219
8056	Northgate Boulevard	North of Garden Highway	Corridor	24,180	30	120	180	99.4%	0.2%	0.5%	85.0%	7.5%	7.5%	58.0	23	50	108	232
8057	Truxel Road	South of Del Paso Road	Corridor	17,990	35	90	210	99.8%	0.1%	0.2%	85.0%	7.5%	7.5%	59.4	27	58	126	271
8058	Northgate Boulevard	South of Del Paso Road	Established	21,430	35	120	180	99.4%	0.1%	0.4%	85.0%	7.5%	7.5%	59.3	29	62	133	286
8059	El Centro Road	South of Del Paso Road	Established	7,570	40	120	180	99.7%	0.1%	0.2%	85.0%	7.5%	7.5%	56.4	18	39	84	182
8060	El Centro Road	South of San Juan Road	Established	9,630	40	135	165	99.8%	0.1%	0.2%	85.0%	7.5%	7.5%	57.1	21	45	96	208
9901	SR-99	South of Sheldon Rd	Established	137,820	50	105	195	93.4%	1.6%	4.9%	85.0%	7.5%	7.5%	74.3	275	592	1276	2749
9902	SR-99	North of Sheldon Rd	Established	148,780	42	105	195	94.5%	1.4%	4.1%	85.0%	7.5%	7.5%	72.3	204	440	947	2040
9903	SR-99	South of Stockton/Bruceville	Corridor	160,000	52	90	210	95.3%	1.2%	3.5%	85.0%	7.5%	7.5%	75.5	321	692	1492	3214
9904	State Route 99	North of Florin Road	Corridor	203,820	42	90	210	96.0%	1.0%	3.0%	85.0%	7.5%	7.5%	73.9	248	535	1152	2483
9905	SR-99	South of Fruitridge Blvd	Corridor	197,230	63	90	210	96.2%	0.9%	2.8%	85.0%	7.5%	7.5%	78.6	518	1116	2404	5179
9906	SR-99	North of Fruitridge Blvd	Corridor	231,170	61	75	225	96.6%	0.9%	2.6%	85.0%	7.5%	7.5%	79.7	576	1242	2676	5765
9907	State Route 99	South of US50	Established	240,430	59	75	225	96.9%	0.8%	2.3%	85.0%	7.5%	7.5%	79.4	547	1177	2537	5465
9908	State Route 70-99	South of Elverta Rd	Rural Residential	80,050	32	120	180	88.5%	2.9%	8.7%	85.0%	7.5%	7.5%	68.4	115	247	532	1146
9909	State Route 99	North of or South of Elverta R	Established	82,000	32	120	180	88.7%	2.8%	8.5%	85.0%	7.5%	7.5%	68.4	116	249	536	1155
11301	State Route 113	South of Main Street	Established	23,200	60	120	180	96.1%	1.0%	3.0%	85.0%	7.5%	7.5%	67.7	103	223	479	1033
11302	State Route 113	South of County Road 27	Established	24,000	60	120	180	98.2%	0.4%	1.3%	85.0%	7.5%	7.5%	67.3	97	209	450	970

11303	State Route 113	South of Russell Blvd	Corridor	43,500	63	120	180	98.2%	0.4%	1.3%	85.0%	7.5%	7.5%	70.5	159	343	740	1594
50501	I-505	South of I-5	Established	13,900	70	120	180	70.6%	7.4%	22.1%	85.0%	7.5%	7.5%	71.0	172	370	797	1716
50502	I-505	South of W Main St/Hwy 16	Established	21,900	70	120	180	81.4%	4.7%	14.0%	85.0%	7.5%	7.5%	71.8	194	418	901	1941
50503	I-505	South of County Road 27	Established	22,100	70	120	180	82.1%	4.5%	13.4%	85.0%	7.5%	7.5%	71.8	192	415	893	1925

*All modeling assumes average pavement, level roadways (less than 1.5% grade), constant traffic flow and does not account for shielding of any type or finite roadway adjustments. All levels are reported as A-weighted noise levels.

Traffic Noise Spreadsheet Calculator

Project:

Noise Level Descriptor: CNEL
Site Conditions: Soft
Traffic Input: ADT
Traffic K-Factor:

Segment Description and Location				Input										Output				
						Distance to Directional Centerline, (feet)[4]		Traffic Distribution Characteristics						CNEL,	Distance to Contour, (feet)[3]			
Number	Road	Cross Street	Community Type	ADT	Speed (mph)	Near	Far	% Auto	% Medium	% Heavy	% Day	% Eve	% Night	(dBA)[5,6,7]	70 dBA	65 dBA	60 dBA	55 dBA
0																		
501	I-5	North of Elk Grove Blvd	Rural Residential	86,500	21	90	210	81.9%	4.5%	13.6%	85.0%	7.5%	7.5%	70.0	137	295	636	1370
502	I-5	North of Laguna Blvd	Rural Residential	118,410	32	90	210	85.9%	3.5%	10.5%	85.0%	7.5%	7.5%	71.7	179	387	833	1795
503	I-5	North of Florin Road	Established	130,980	21	83	217.5	88.3%	2.9%	8.8%	85.0%	7.5%	7.5%	70.5	145	312	673	1450
504	I-5	South of Florin Road	Established	151,180	25	75	225	90.0%	2.5%	7.5%	85.0%	7.5%	7.5%	71.4	161	346	746	1607
505	I-5	South of US50	Established	181,590	32	75	225	92.2%	1.9%	5.8%	85.0%	7.5%	7.5%	72.8	200	430	926	1996
506	I-5 / American River Crossing	at American River	Corridor	249,260	40	60	240	94.5%	1.4%	4.2%	85.0%	7.5%	7.5%	76.7	338	727	1567	3376
507	I-5	South of I-80	Established	227,880	31	60	240	93.8%	1.5%	4.6%	85.0%	7.5%	7.5%	74.2	228	491	1057	2277
508	I-5	North of I-80	Established	176,950	40	60	240	93.7%	1.6%	4.7%	85.0%	7.5%	7.5%	75.5	278	599	1291	2782
509	I-5	South of Del Paso Road	Established	156,030	40	75	225	92.7%	1.8%	5.5%	85.0%	7.5%	7.5%	74.0	241	518	1116	2405
510	I-5	South of State Route 70/99	Established	173,940	31	75	225	92.0%	2.0%	6.0%	85.0%	7.5%	7.5%	72.5	189	408	879	1893
511	I-5	East of Airport Boulevard	Rural Residential	107,880	22	98	202.5	91.6%	2.1%	6.3%	85.0%	7.5%	7.5%	67.8	100	215	463	997
512	I-5	East of Old River Road	Established	83,100	33	120	180	89.4%	2.7%	8.0%	85.0%	7.5%	7.5%	68.5	117	252	544	1172
513	I-5	at Sacramento River Crossing	Established	75,070	33	120	180	89.4%	2.6%	7.9%	85.0%	7.5%	7.5%	68.1	109	235	507	1092
1501	Richards Boulevard	East of 5th Street	Corridor	19,940	30	120	180	97.5%	0.6%	1.8%	85.0%	7.5%	7.5%	58.4	25	53	115	248
1503	N. 12th Street	North of Richards Boulevard	Corridor	19,270	30	128	172.5	99.1%	0.2%	0.7%	85.0%	7.5%	7.5%	57.1	20	44	94	204
1504	N. 16th Street	North of Richards Boulevard	Corridor	26,360	40	120	180	98.9%	0.3%	0.8%	85.0%	7.5%	7.5%	62.2	44	95	205	442
1505	I Street	East of 5th Street	Corridor	24,800	25	120	180	98.2%	0.4%	1.3%	85.0%	7.5%	7.5%	57.3	21	45	97	209
1506	5th Street	North of J Street	Corridor	6,470	20	120	180	98.4%	0.4%	1.2%	85.0%	7.5%	7.5%	49.9	7	14	31	67
1509	Capitol Mall	East of 1st Street	Corridor	14,560	20	120	180	99.4%	0.1%	0.4%	85.0%	7.5%	7.5%	51.8	9	19	42	90
1510	P Street	East of 3rd Street	Corridor	8,470	25	128	172.5	98.2%	0.5%	1.4%	85.0%	7.5%	7.5%	52.5	10	22	47	101
1511	Q Street	East of 3rd Street	Corridor	11,810	25	120	180	98.1%	0.5%	1.4%	85.0%	7.5%	7.5%	54.2	13	28	60	130
1521	P Street	West of 26th Street	Corridor	8,480	25	135	165	99.0%	0.2%	0.7%	85.0%	7.5%	7.5%	51.6	9	19	41	88
1522	L Street	West of 29th Street	Corridor	7,350	25	135	165	99.0%	0.3%	0.8%	85.0%	7.5%	7.5%	51.0	8	17	38	81
1524	Freeport Boulevard	South of Broadway	Corridor	11,790	25	135	165	99.7%	0.1%	0.3%	85.0%	7.5%	7.5%	52.3	10	21	46	98
1525	South Land Park	South of Broadway	Corridor	12,030	25	120	180	99.8%	0.1%	0.2%	85.0%	7.5%	7.5%	52.5	10	21	46	100
1526	Riverside Boulevard	South of Broadway	Corridor	12,810	20	128	172.5	99.7%	0.1%	0.2%	85.0%	7.5%	7.5%	50.5	7	16	35	75
2001	Fiddyment Rd	North of Athens Ave	Rural Residential	7,440	45	120	180	99.0%	0.2%	0.7%	85.0%	7.5%	7.5%	58.2	24	51	111	239
2002	Industrial Ave	North of Athens Ave	Established	5,920	45	135	165	99.4%	0.1%	0.4%	85.0%	7.5%	7.5%	56.7	20	42	91	195
2004	Sierra College Blvd	South of English Colony Way	Rural Residential	11,120	50	120	180	99.4%	0.2%	0.5%	85.0%	7.5%	7.5%	61.2	38	82	176	379
2008	Roseville Rd	South of Cirby Way	Established	21,900	50	120	180	99.3%	0.2%	0.5%	85.0%	7.5%	7.5%	64.1	60	129	277	597
2010	Sunrise Boulevard	South of Twin Oaks Ave	Established	34,270	40	120	180	98.8%	0.3%	0.9%	85.0%	7.5%	7.5%	63.4	53	115	247	533
2011	Old Auburn Rd	South of Lund Dr	Established	17,030	30	135	165	99.8%	0.1%	0.2%	85.0%	7.5%	7.5%	55.9	17	37	79	171
2013	Ferrari Ranch Rd	West of SR 65	Corridor	19,320	40	120	180	99.8%	0.0%	0.1%	85.0%	7.5%	7.5%	60.4	34	72	156	336
2014	Joiner Parkway	East of Overpass over SR 65	Corridor	12,060	40	105	195	99.8%	0.0%	0.1%	85.0%	7.5%	7.5%	58.8	26	55	118	255
2016	Twelve Bridges Drive	East of Industrial Ave	Established	3,810	40	120	180	99.1%	0.2%	0.7%	85.0%	7.5%	7.5%	53.7	12	26	56	120
2017	Sunset Blvd	West of SR 65	Established	39,960	35	120	180	97.9%	0.5%	1.6%	85.0%	7.5%	7.5%	62.8	49	106	227	490
2018	Blue Oaks Blvd	West of SR 65	Established	61,790	40	90	210	98.1%	0.5%	1.4%	85.0%	7.5%	7.5%	67.3	91	196	422	908
2019	Washington Blvd	South of Blue Oaks Blvd	Established	17,700	45	120	180	99.0%	0.2%	0.7%	85.0%	7.5%	7.5%	61.9	43	92	197	425
2020	Pleasant Grove Blvd	West of SR 65	Established	61,460	35	105	195	99.6%	0.1%	0.3%	85.0%	7.5%	7.5%	64.2	59	127	274	591
2021	Galleria Blvd	South of SR 65	Established	56,850	35	105	195	99.6%	0.1%	0.3%	85.0%	7.5%	7.5%	63.9	56	121	261	561
2023	SR-193	West of Ferrari Ranch Rd	Established	16,170	25	120	180	97.7%	0.6%	1.7%	85.0%	7.5%	7.5%	55.9	17	36	78	168
2024	Sierra College Blvd	north of Secret Ravine Pkwy	Established	26,580	45	120	180	98.2%	0.4%	1.3%	85.0%	7.5%	7.5%	64.0	58	126	271	585
2027	Sunset Blvd	East of SR 65	Established	39,700	35	105	195	98.2%	0.4%	1.3%	85.0%	7.5%	7.5%	63.1	49	107	230	495
2028	Blue Oaks Blvd	East of SR 65	Established	33,120	35	120	180	99.7%	0.1%	0.2%	85.0%	7.5%	7.5%	61.0	37	80	172	370
2029	Pleasant Grove Blvd	East of SR 65	Established	46,080	35	105	195	99.8%	0.0%	0.1%	85.0%	7.5%	7.5%	62.8	47	102	220	475
2030	Stanford Ranch Rd	North of SR 65	Established	47,110	45	105	195	99.5%	0.1%	0.4%	85.0%	7.5%	7.5%	66.4	83	178	383	825

2031	Moore Rd	East of Fiddyment Rd	Developing	5,330	45	120	180	98.6%	0.4%	1.1%	85.0%	7.5%	7.5%	56.9	20	42	91	196
2032	PFE Rd	East of Walerga Rd	Established	5,130	35	135	165	99.1%	0.2%	0.7%	85.0%	7.5%	7.5%	53.1	11	24	52	111
2033	Athens Ave	East of Fiddyment Rd	Developing	3,660	40	135	165	99.8%	0.1%	0.2%	85.0%	7.5%	7.5%	53.0	11	23	51	109
2035	Blue Oaks Blvd	East of Fiddyment Rd	Established	37,600	40	105	195	99.7%	0.1%	0.2%	85.0%	7.5%	7.5%	63.8	55	118	255	549
2037	Pleasant Grove Blvd	East of Fiddyment Rd	Established	34,130	40	120	180	99.7%	0.1%	0.2%	85.0%	7.5%	7.5%	62.9	49	107	230	495
2041	SR-193	West of Sierra College Blvd	Established	13,460	45	120	180	97.3%	0.7%	2.0%	85.0%	7.5%	7.5%	61.3	39	84	181	389
2042	Twelve Bridges Drive	West of Sierra College Blvd	Established	6,990	40	135	165	99.5%	0.1%	0.4%	85.0%	7.5%	7.5%	55.9	17	37	79	171
2043	Secret Ravine Pkwy	West of Sierra College Blvd	Established	8,550	45	120	180	99.1%	0.2%	0.7%	85.0%	7.5%	7.5%	58.7	26	56	121	261
2045	Douglas Blvd	West of Sierra College Blvd	Established	60,050	45	105	195	98.8%	0.3%	0.9%	85.0%	7.5%	7.5%	67.8	101	218	471	1014
2046	Eureka Rd	West of Sierra College Blvd	Established	8,610	35	120	180	99.3%	0.2%	0.5%	85.0%	7.5%	7.5%	55.4	16	34	73	157
2047	Roseville Pkwy	West of Sierra College Blvd	Established	21,520	35	120	180	98.9%	0.3%	0.8%	85.0%	7.5%	7.5%	59.6	30	65	139	300
2048	Old Auburn Rd	West of Sierra College Blvd	Established	10,950	30	120	180	99.8%	0.1%	0.2%	85.0%	7.5%	7.5%	54.2	13	28	61	130
2049	Fiddyment Rd	West of Pleasant Grove Blvd	Established	27,510	40	120	180	99.6%	0.1%	0.3%	85.0%	7.5%	7.5%	62.1	43	94	201	434
2050	Woodcreek Oaks Blvd	South of Pleasant Grove Blvd	Established	19,050	35	120	180	98.5%	0.4%	1.2%	85.0%	7.5%	7.5%	59.4	29	62	133	287
2052	Foothills Blvd	South of Pleasant Grove Blvd	Established	33,450	40	120	180	98.9%	0.3%	0.8%	85.0%	7.5%	7.5%	63.2	52	112	241	518
2053	Washington Blvd	South of Pleasant Grove Blvd	Established	26,920	40	120	180	99.6%	0.1%	0.3%	85.0%	7.5%	7.5%	62.0	43	92	198	427
2054	Roseville Pkwy	East of Pleasant Grove Blvd	Established	58,860	40	105	195	99.2%	0.2%	0.6%	85.0%	7.5%	7.5%	66.0	77	166	358	771
2055	Fairway Dr	East of Pleasant Grove Blvd	Established	27,070	30	120	180	100.0%	0.0%	0.0%	85.0%	7.5%	7.5%	58.0	23	50	108	233
2056	Blue Oaks Blvd	West of Foothills Blvd	Established	56,400	40	90	210	99.7%	0.1%	0.2%	85.0%	7.5%	7.5%	66.2	76	164	354	762
2057	Pleasant Grove Blvd	West of Foothills Blvd	Established	50,570	40	105	195	99.3%	0.2%	0.5%	85.0%	7.5%	7.5%	65.2	69	148	320	689
2058	Junction Blvd	West of Foothills Blvd	Established	8,160	30	120	180	100.0%	0.0%	0.0%	85.0%	7.5%	7.5%	52.8	10	23	49	105
2060	Blue Oaks Blvd	West of Fiddyment Rd	Established	3,550	20	135	165	99.8%	0.0%	0.1%	85.0%	7.5%	7.5%	44.6	3	6	14	30
2064	Fiddyment Rd	North of Baseline Rd	Established	40,280	40	113	187.5	99.6%	0.1%	0.3%	85.0%	7.5%	7.5%	63.9	57	122	263	567
2066	Woodcreek Oaks Blvd	North of Baseline Rd	Established	14,800	35	120	180	98.8%	0.3%	0.9%	85.0%	7.5%	7.5%	58.1	23	51	109	235
2067	Foothills Blvd	North of Baseline Rd	Established	32,830	35	120	180	98.9%	0.3%	0.9%	85.0%	7.5%	7.5%	61.5	40	86	185	399
2068	Washington Blvd	North of Main Street	Corridor	19,880	35	120	180	99.5%	0.1%	0.4%	85.0%	7.5%	7.5%	59.0	27	58	125	270
2069	Fiddyment Rd	South of Blue Oaks Blvd	Established	28,540	45	120	180	99.6%	0.1%	0.3%	85.0%	7.5%	7.5%	63.8	56	122	262	565
2072	Woodcreek Oaks Blvd	South of Blue Oaks Blvd	Established	13,430	35	135	165	99.9%	0.0%	0.1%	85.0%	7.5%	7.5%	56.8	20	42	91	195
2073	Foothills Blvd	South of Blue Oaks Blvd	Established	32,720	50	120	180	99.1%	0.2%	0.7%	85.0%	7.5%	7.5%	65.9	79	170	366	788
2074	Industrial Ave	South of Blue Oaks Blvd	Established	12,190	40	135	165	97.5%	0.6%	1.9%	85.0%	7.5%	7.5%	59.2	28	61	131	283
2075	Fiddyment Rd	South of W. Sunset Blvd	Developing	16,200	40	120	180	98.9%	0.3%	0.8%	85.0%	7.5%	7.5%	60.1	32	69	148	320
2076	Industrial Ave	South of Sunset Blvd	Established	5,560	40	135	165	98.8%	0.3%	0.9%	85.0%	7.5%	7.5%	55.2	15	33	72	155
2077	Roseville Pkwy	West of Taylor Rd	Established	59,640	40	105	195	99.2%	0.2%	0.6%	85.0%	7.5%	7.5%	66.0	78	167	361	777
2078	Foothills Blvd	South of Vineyard Rd	Established	36,560	35	120	180	99.0%	0.3%	0.8%	85.0%	7.5%	7.5%	61.9	42	92	197	425
2079	Washington Blvd	North of Atlantic St	Corridor	31,440	25	120	180	99.5%	0.1%	0.4%	85.0%	7.5%	7.5%	57.0	20	43	92	199
2081	Riverside Ave	South of Cirby Way	Established	45,320	30	113	187.5	98.6%	0.3%	1.0%	85.0%	7.5%	7.5%	61.5	39	85	182	393
2084	Baseline Rd	West of Watt Ave	Developing	28,700	50	120	180	97.5%	0.6%	1.9%	85.0%	7.5%	7.5%	65.9	79	169	364	785
2085	Lincoln Pkwy	North of Moore Rd	Established	24,950	40	120	180	99.0%	0.3%	0.8%	85.0%	7.5%	7.5%	61.9	42	91	197	424
2086	Nelson Ln	North of Moore Rd	Developing	6,020	45	105	195	98.6%	0.3%	1.0%	85.0%	7.5%	7.5%	57.8	22	48	102	221
2087	Athens Ave	West of Industrial Ave	Established	16,640	40	135	165	99.8%	0.1%	0.2%	85.0%	7.5%	7.5%	59.5	30	64	139	299
2101	Barkley Rd	North of Carson Rd	Rural Residential	510	25	135	165	98.1%	0.5%	1.4%	85.0%	7.5%	7.5%	40.2	2	3	7	15
2102	Bass Lake Rd	North of Country Club Dr	Developing	9,850	35	120	180	99.8%	0.0%	0.1%	85.0%	7.5%	7.5%	55.7	16	35	76	164
2103	Bass Lake Rd	South of Green Valley Rd	Established	5,840	35	135	165	99.9%	0.0%	0.1%	85.0%	7.5%	7.5%	53.1	11	24	52	112
2104	Bassi Rd	West of Lotus Rd	Rural Residential	2,140	45	135	165	99.2%	0.2%	0.6%	85.0%	7.5%	7.5%	52.4	10	22	47	101
2107	Black Oak Mine Rd	East of Marshall Rd	Rural Residential	1,340	25	135	165	99.9%	0.0%	0.1%	85.0%	7.5%	7.5%	42.5	2	5	10	22
2109	Broadway	West of Newtown Rd	Established	3,200	35	135	165	99.4%	0.2%	0.5%	85.0%	7.5%	7.5%	50.8	8	17	37	79
2110	Bucks Bar Rd	South of Pleasant Valley Rd	Rural Residential	6,070	25	135	165	95.6%	1.1%	3.3%	85.0%	7.5%	7.5%	52.8	11	23	49	106
2112	Cameron Park Dr	North of Robin Ln	Established	12,800	30	135	165	98.8%	0.3%	0.9%	85.0%	7.5%	7.5%	55.4	16	34	74	160
2114	Cameron Park Dr	South of Hacienda Dr	Established	21,170	35	120	180	99.5%	0.1%	0.4%	85.0%	7.5%	7.5%	59.3	28	61	131	282
2115	Cameron Park Dr	North of Mira Loma Dr	Established	15,590	35	135	165	99.7%	0.1%	0.2%	85.0%	7.5%	7.5%	57.5	22	47	102	220
2116	Cameron Park Dr	South of Green Valley Rd	Established	11,770	35	135	165	99.8%	0.1%	0.2%	85.0%	7.5%	7.5%	56.2	18	39	84	181
2117	Carson Rd	East of Schnell School Rd	Established	3,850	35	135	165	99.7%	0.1%	0.2%	85.0%	7.5%	7.5%	51.5	9	19	40	87
2118	Carson Rd	West of Gatlin Rd	Rural Residential	2,990	35	135	165	99.9%	0.0%	0.1%	85.0%	7.5%	7.5%	50.2	7	16	33	72
2120	Carson Rd	West of Barkley Rd	Rural Residential	3,010	35	135	165	99.6%	0.1%	0.3%	85.0%	7.5%	7.5%	50.4	7	16	34	74
2121	Carson Rd	East of Ponderosa Wy	Rural Residential	2,730	35	135	165	99.5%	0.1%	0.4%	85.0%	7.5%	7.5%	50.1	7	15	33	70
2123	Cedar Ravine Rd	South of Country Club Dr	Established	1,370	35	135	165	99.6%	0.1%	0.3%	85.0%	7.5%	7.5%	47.0	4	9	20	44
2127	Cold Springs Rd	South of Gold Hill Rd	Rural Residential	3,390	35	135	165	97.4%	0.6%	1.9%	85.0%	7.5%	7.5%	52.1	10	21	44	96
2129	Country Club Dr	East of Bass Lake Rd	Established	7,890	25	135	165	99.8%	0.1%	0.2%	85.0%	7.5%	7.5%	50.4	7	16	34	73
2130	Country Club Dr	West of Merrychase Dr	Established	6,560	35	135	165	99.8%	0.1%	0.2%	85.0%	7.5%	7.5%	53.7	12	26	57	122
2131	Country Club Dr	West of Knollwood Dr	Established	7,480	25	135	165	99.8%	0.1%	0.2%	85.0%	7.5%	7.5%	50.1	7	15	33	71
2132	Country Club Dr	East of Cambridge Rd	Established	9,400	25	135	165	99.9%	0.0%	0.1%	85.0%	7.5%	7.5%	51.0	8	17	37	81
2133	Country Club Dr	West of Cameron Park Dr	Established	10,610	25	135	165	99.9%	0.0%	0.1%	85.0%	7.5%	7.5%	51.5	9	19	41	88

2135	Durock Rd	West of S Shingle Rd	Established	12,800	35	135	165	98.8%	0.3%	0.9%	85.0%	7.5%	7.5%	57.2	21	45	97	209
2136	El Dorado Hills Bl	North of Saratoga Wy	Established	42,530	40	113	187.5	99.7%	0.1%	0.3%	85.0%	7.5%	7.5%	64.1	59	126	272	586
2137	El Dorado Hills Bl	South of Wilson Bl	Established	25,230	40	120	180	99.7%	0.1%	0.2%	85.0%	7.5%	7.5%	61.6	41	88	189	406
2139	El Dorado Hills Bl	South of Olson Ln	Established	20,480	40	120	180	99.6%	0.1%	0.3%	85.0%	7.5%	7.5%	60.8	36	77	165	356
2141	El Dorado Hills Bl	South of Francisco Dr	Established	13,730	40	135	165	99.6%	0.1%	0.3%	85.0%	7.5%	7.5%	58.8	27	57	124	266
2142	El Dorado Hills Bl	South of Green Vly Rd	Established	4,440	40	135	165	99.4%	0.2%	0.5%	85.0%	7.5%	7.5%	54.0	13	27	59	128
2143	El Dorado Rd	North of Pleasant Vly Rd	Established	2,190	25	135	165	99.3%	0.2%	0.6%	85.0%	7.5%	7.5%	45.5	3	7	16	34
2144	El Dorado Rd	South of US 50	Established	4,710	35	135	165	99.8%	0.1%	0.2%	85.0%	7.5%	7.5%	0.0				
2147	Fairplay Rd	South of Mt Aukum Rd	Rural Residential	2,470	25	135	165	86.4%	3.4%	10.2%	85.0%	7.5%	7.5%	52.4	10	22	46	100
2153	Francisco Dr	South of Green Valley Rd	Established	10,480	40	135	165	99.6%	0.1%	0.3%	85.0%	7.5%	7.5%	57.6	22	48	103	222
2155	Francisco Dr	North of Green Valley Rd	Established	28,480	40	135	165	99.8%	0.0%	0.1%	85.0%	7.5%	7.5%	61.8	43	92	198	426
2158	Garden Valley Rd	North of SR 193	Rural Residential	580	25	135	165	99.9%	0.0%	0.1%	85.0%	7.5%	7.5%	38.9	1	3	6	13
2167	Green Valley Rd	East of Mormon Island D	Established	35,780	35	120	180	99.7%	0.1%	0.2%	85.0%	7.5%	7.5%	61.4	39	84	182	392
2168	Green Valley Rd	West of Francisco Dr	Established	30,310	35	120	180	99.7%	0.1%	0.2%	85.0%	7.5%	7.5%	60.7	35	76	163	351
2170	Green Valley Rd	East of Francisco Dr	Established	19,420	35	120	180	99.6%	0.1%	0.3%	85.0%	7.5%	7.5%	58.8	26	57	122	263
2171	Green Valley Rd	West of Silva Valley Pk	Established	18,150	35	135	165	99.6%	0.1%	0.3%	85.0%	7.5%	7.5%	58.2	24	53	114	245
2172	Green Valley Rd	West of Bass Lake Rd	Established	13,290	35	135	165	99.7%	0.1%	0.3%	85.0%	7.5%	7.5%	56.9	20	43	92	199
2173	Green Valley Rd	East of Bass Lake Rd	Established	15,160	35	135	165	99.7%	0.1%	0.2%	85.0%	7.5%	7.5%	57.4	22	46	100	215
2174	Green Valley Rd	West of Cameron Park D	Established	13,870	35	135	165	99.8%	0.1%	0.2%	85.0%	7.5%	7.5%	57.0	20	43	94	202
2175	Green Valley Rd	East of La Crescenta Dr	Established	8,090	35	135	165	99.8%	0.1%	0.2%	85.0%	7.5%	7.5%	54.6	14	30	65	141
2177	Green Valley Rd	East of Deer Valley Rd	Rural Residential	5,360	35	135	165	99.7%	0.1%	0.2%	85.0%	7.5%	7.5%	52.9	11	23	50	108
2179	Green Valley Rd	West of Lotus Rd	Rural Residential	8,640	35	135	165	99.3%	0.2%	0.5%	85.0%	7.5%	7.5%	55.2	15	33	71	154
2181	Green Valley Rd	West of Greenstone Rd	Rural Residential	4,620	35	135	165	99.9%	0.0%	0.1%	85.0%	7.5%	7.5%	52.1	10	21	45	96
2183	Green Valley Rd	West of Missouri Flat R	Established	6,770	35	135	165	98.9%	0.3%	0.9%	85.0%	7.5%	7.5%	54.4	14	29	63	136
2185	Green Valley Rd	West of Weber Creek Br	Rural Residential	3,680	35	135	165	99.7%	0.1%	0.2%	85.0%	7.5%	7.5%	51.2	8	18	39	84
2186	Greenwood Rd	West of Marshall Rd	Rural Residential	1,010	25	135	165	99.8%	0.0%	0.1%	85.0%	7.5%	7.5%	41.4	2	4	9	18
2187	Greenwood Rd	South of SR 193	Rural Residential	1,360	45	135	165	99.4%	0.2%	0.5%	85.0%	7.5%	7.5%	50.4	7	16	34	74
2188	Harvard Way	East of El Dorado Hills Bl	Established	8,140	30	120	180	99.7%	0.1%	0.2%	85.0%	7.5%	7.5%	53.0	11	23	50	108
2189	Icehouse Rd	North of US 50	Rural Residential	12,850	55	135	165	96.2%	1.0%	2.9%	85.0%	7.5%	7.5%	63.7	57	123	265	572
2193	Lotus Rd	South of Thompson Hill Rd	Rural Residential	4,410	45	135	165	99.2%	0.2%	0.6%	85.0%	7.5%	7.5%	55.6	16	35	76	163
2195	Marshall Rd	East of SR 49	Rural Residential	3,990	45	135	165	99.6%	0.1%	0.3%	85.0%	7.5%	7.5%	55.0	15	32	69	149
2196	Marshall Rd	East of Garden Valley Rd	Rural Residential	4,540	45	135	165	99.6%	0.1%	0.3%	85.0%	7.5%	7.5%	55.5	16	35	75	162
2197	Marshall Rd	South of Lower Main St	Rural Residential	710	35	135	165	98.8%	0.3%	0.9%	85.0%	7.5%	7.5%	44.6	3	7	14	30
2198	Missouri Flat Rd	North of SR 49	Established	14,150	45	120	180	98.7%	0.3%	1.0%	85.0%	7.5%	7.5%	61.1	37	80	173	373
2201	Mormon Emigrant Tr	East of Sly Park Rd	Rural Residential	1,080	35	135	165	100.0%	0.0%	0.0%	85.0%	7.5%	7.5%	45.8	4	8	17	36
2202	Mosquito Rd	East of Prescott Ave	Established	4,300	35	135	165	99.9%	0.0%	0.1%	85.0%	7.5%	7.5%	51.8	9	20	42	91
2203	Mosquito Rd	South of Union Ridge Rd	Rural Residential	2,800	25	135	165	99.9%	0.0%	0.1%	85.0%	7.5%	7.5%	45.8	4	8	17	36
2204	Mosquito Rd	South of Shadow Run Rd	Rural Residential	1,990	25	135	165	99.9%	0.0%	0.1%	85.0%	7.5%	7.5%	44.3	3	6	13	29
2205	Mother Lode Dr	West of Sunset Ln	Established	13,730	45	135	165	98.5%	0.4%	1.1%	85.0%	7.5%	7.5%	60.8	36	78	168	361
2206	Mother Lode Dr	West of Pleasant Valley	Established	9,370	45	135	165	98.4%	0.4%	1.2%	85.0%	7.5%	7.5%	59.1	28	61	131	282
2207	Mother Lode Dr	East of Pleasant Valley Rd	Established	3,360	45	135	165	99.9%	0.0%	0.1%	85.0%	7.5%	7.5%	54.1	13	28	60	130
2208	Newtown Rd	North of Pleasant Vly Rd	Rural Residential	4,770	25	135	165	99.6%	0.1%	0.3%	85.0%	7.5%	7.5%	48.5	5	12	25	55
2209	Newtown Rd	North of Pioneer Hill Rd	Rural Residential	7,650	35	135	165	99.6%	0.1%	0.3%	85.0%	7.5%	7.5%	54.5	14	30	64	139
2210	Newtown Rd	East of Broadway	Established	3,060	35	135	165	99.4%	0.1%	0.4%	85.0%	7.5%	7.5%	50.6	8	16	35	76
2214	Pleasant Valley Rd	West of SR 49 (W)	Established	9,800	35	135	165	98.4%	0.4%	1.2%	85.0%	7.5%	7.5%	56.2	18	39	84	180
2215	Pleasant Valley Rd	East of SR 49 (E)	Established	16,850	35	135	165	98.1%	0.5%	1.4%	85.0%	7.5%	7.5%	58.7	27	57	123	265
2216	Pleasant Valley Rd	West of Big Cut Rd	Established	16,320	35	135	165	97.5%	0.6%	1.9%	85.0%	7.5%	7.5%	58.9	27	59	127	273
2217	Pleasant Valley Rd	West of Oak Hill Rd	Established	14,480	35	135	165	96.2%	0.9%	2.8%	85.0%	7.5%	7.5%	59.0	27	59	127	274
2218	Pleasant Valley Rd	East of Cedar Ravine	Rural Residential	13,130	35	135	165	97.3%	0.7%	2.0%	85.0%	7.5%	7.5%	58.0	24	51	111	238
2219	Pleasant Valley Rd	East of Bucks Bar R	Rural Residential	6,930	35	135	165	99.7%	0.1%	0.2%	85.0%	7.5%	7.5%	54.0	13	28	60	128
2220	Pleasant Valley Rd	East of Newtown Rd	Rural Residential	5,060	35	135	165	99.4%	0.1%	0.4%	85.0%	7.5%	7.5%	52.8	11	23	49	106
2221	Ponderosa Rd	North of Wild Chaparral Dr	Established	4,740	40	120	180	99.3%	0.2%	0.5%	85.0%	7.5%	7.5%	54.5	14	29	64	137
2222	Ponderosa Rd	North of Meder Rd	Established	2,280	35	135	165	99.1%	0.2%	0.6%	85.0%	7.5%	7.5%	49.5	6	14	30	64
2223	Ponderosa Rd	South of Green Valley Rd	Rural Residential	860	35	135	165	99.4%	0.2%	0.5%	85.0%	7.5%	7.5%	45.1	3	7	15	33
2224	Pony Express Tr	East of Carson Rd	Rural Residential	3,240	35	135	165	99.7%	0.1%	0.3%	85.0%	7.5%	7.5%	50.7	8	17	36	77
2227	Salmon Falls Rd	South of Malcolm-Dixon Rd	Established	7,570	35	135	165	99.8%	0.1%	0.2%	85.0%	7.5%	7.5%	54.3	13	29	63	135
2228	Salmon Falls Rd	South of Pedro Hill Rd	Rural Residential	750	35	135	165	99.5%	0.1%	0.4%	85.0%	7.5%	7.5%	44.5	3	6	14	30
2229	SR49	North of Salmon Falls Cutoff	Rural Residential	6,020	45	135	165	97.6%	0.6%	1.8%	85.0%	7.5%	7.5%	57.5	22	47	102	219
2230	Sand Ridge Rd	East of SR 49	Rural Residential	250	25	135	165	99.6%	0.1%	0.3%	85.0%	7.5%	7.5%	35.6	1	2	4	8
2231	Sand Ridge Rd	West of Bucks Bar Rd	Rural Residential	1,890	25	135	165	99.6%	0.1%	0.3%	85.0%	7.5%	7.5%	44.4	3	6	14	29
2234	Serrano Pkwy	West of Bass Lake Rd	Established	5,190	25	135	165	100.0%	0.0%	0.0%	85.0%	7.5%	7.5%	48.3	5	11	25	53
2235	Shingle Springs Dr	South of US 50	Established	7,400	35	135	165	99.7%	0.1%	0.3%	85.0%	7.5%	7.5%	54.3	13	29	62	134

2237	Silva Valley Pkwy	South of Serrano Pkwy	Established	13,990	35	120	180	99.8%	0.0%	0.1%	85.0%	7.5%	7.5%	57.2	21	45	96	207
2238	Silva Valley Pkwy	North of Serrano Pkwy	Established	8,930	35	120	180	99.8%	0.0%	0.1%	85.0%	7.5%	7.5%	55.3	15	33	71	153
2239	Silva Valley Pkwy	South of Green Valley	Established	7,910	35	135	165	99.9%	0.0%	0.1%	85.0%	7.5%	7.5%	54.5	14	30	64	138
2241	Sophia Pkwy	South of Green Valley Rd	Established	2,620	40	135	165	99.9%	0.0%	0.1%	85.0%	7.5%	7.5%	51.4	9	19	40	86
2244	Union Ridge Rd	West of Hassler Rd	Rural Residential	530	25	135	165	99.9%	0.0%	0.1%	85.0%	7.5%	7.5%	38.6	1	3	6	12
2245	Wentworth Springs Rd	East of Main St	Rural Residential	3,390	35	135	165	99.7%	0.1%	0.2%	85.0%	7.5%	7.5%	50.9	8	17	37	79
2502	16TH ST	SOUTH of ELKHORN BL	Established	12,970	45	120	180	98.9%	0.3%	0.8%	85.0%	7.5%	7.5%	60.6	35	75	162	348
2506	ALTA ARDEN EXWY	East of HOWE AV	Established	13,410	40	120	180	99.0%	0.3%	0.8%	85.0%	7.5%	7.5%	59.2	28	60	130	281
2507	ALTA MESA RD	NORTH of BORDEN RD	Rural Residential	1,000	40	135	165	96.6%	0.8%	2.5%	85.0%	7.5%	7.5%	48.6	6	12	26	56
2510	AUBURN BL	EAST of WATT AV	Corridor	20,830	40	120	180	99.5%	0.1%	0.4%	85.0%	7.5%	7.5%	60.9	36	78	168	362
2512	BOESOW RD	WEST of MARENGO RD	Established	7,000	35	135	165	98.1%	0.5%	1.4%	85.0%	7.5%	7.5%	54.9	15	32	68	147
2519	COLLEGE OAK DR	North of WINDING WY	Established	14,730	35	120	180	99.7%	0.1%	0.2%	85.0%	7.5%	7.5%	57.5	22	47	101	217
2520	COTTAGE WY	EAST of ETHAN WY	Established	4,710	35	135	165	99.3%	0.2%	0.5%	85.0%	7.5%	7.5%	52.6	10	22	48	103
2522	DEL NORTE BL	South of 23RD AV	Established	3,570	25	135	165	99.7%	0.1%	0.2%	85.0%	7.5%	7.5%	47.1	4	10	21	44
2523	DRY CREEK RD	NORTH of ASCOT AV	Established	8,970	35	135	165	99.5%	0.1%	0.3%	85.0%	7.5%	7.5%	55.2	15	33	72	154
2524	DRY CREEK RD	SOUTH of ELKHORN BL	Established	11,370	35	135	165	99.5%	0.1%	0.3%	85.0%	7.5%	7.5%	56.2	18	39	84	181
2525	DRY CREEK RD	SOUTH of Q ST	Rural Residential	3,930	45	135	165	99.8%	0.1%	0.2%	85.0%	7.5%	7.5%	54.8	15	31	67	145
2527	DRY CREEK RD	SOUTH of U ST	Developing	2,630	25	135	165	99.8%	0.0%	0.1%	85.0%	7.5%	7.5%	45.6	4	8	16	35
2529	ELKHORN BL	East of 16TH ST	Established	27,000	45	120	180	98.8%	0.3%	0.9%	85.0%	7.5%	7.5%	63.8	57	123	265	572
2530	ELKHORN BL	East of DRY CREEK RD	Established	32,740	45	120	180	99.0%	0.3%	0.8%	85.0%	7.5%	7.5%	64.6	64	139	298	643
2532	ELKHORN BL	East of MARYSVILLE BL	Rural Residential	19,310	45	120	180	98.8%	0.3%	0.9%	85.0%	7.5%	7.5%	62.4	46	98	212	456
2533	ELKHORN BL	East of THOMAS DR	Established	25,600	45	105	195	99.3%	0.2%	0.6%	85.0%	7.5%	7.5%	63.9	56	120	259	558
2534	ELK GROVE-FLORIN	NORTH of GERBER RD	Developing	41,100	40	120	180	98.5%	0.4%	1.1%	85.0%	7.5%	7.5%	64.3	61	131	283	610
2535	ELSIE AV	East of STOCKTON BL	Corridor	29,240	40	120	180	98.0%	0.5%	1.5%	85.0%	7.5%	7.5%	63.0	50	108	234	503
2537	ELVERTA RD	East of SORENTO RD	Rural Residential	7,460	55	135	165	98.3%	0.4%	1.2%	85.0%	7.5%	7.5%	60.8	36	78	168	363
2538	ELVERTA RD	West of ELECTRIC AV	Rural Residential	9,340	55	120	180	98.6%	0.3%	1.0%	85.0%	7.5%	7.5%	61.9	43	92	198	426
2540	EL CAMINO	East of WALNUT AV	Established	12,920	40	120	180	99.7%	0.1%	0.2%	85.0%	7.5%	7.5%	58.7	26	56	120	259
2541	EL CAMINO	East of EASTERN AV	Established	18,140	40	120	180	99.7%	0.1%	0.2%	85.0%	7.5%	7.5%	60.2	33	70	151	326
2543	EXCELSIOR RD	NORTH of CALVINE RD	Developing	4,410	40	135	165	99.7%	0.1%	0.2%	85.0%	7.5%	7.5%	53.8	12	27	58	124
2545	FAIR OAKS BL	NORTH of GREENBACK LN	Corridor	19,370	45	135	165	99.5%	0.1%	0.4%	85.0%	7.5%	7.5%	61.9	43	92	199	429
2546	FAIR OAKS BL	NORTH of NORTH AV	Corridor	42,190	40	105	195	99.6%	0.1%	0.3%	85.0%	7.5%	7.5%	64.3	60	129	278	599
2547	FAIR OAKS BL	SOUTH of GRANT AV	Corridor	42,850	40	105	195	99.6%	0.1%	0.3%	85.0%	7.5%	7.5%	64.4	61	130	281	606
2548	FAIR OAKS BL	SOUTH of MADISON AV	Corridor	15,810	35	120	180	99.9%	0.0%	0.1%	85.0%	7.5%	7.5%	57.7	22	48	104	223
2549	FAIR OAKS BL	SOUTH of WOODMORE OAKS	Established	14,440	45	135	165	99.5%	0.1%	0.4%	85.0%	7.5%	7.5%	60.6	35	76	164	352
2550	FILBERT AV	NORTH of CENTRAL AV	Established	2,010	25	135	165	100.0%	0.0%	0.0%	85.0%	7.5%	7.5%	44.2	3	6	13	28
2551	FOLSOM BL	East of LA RIVIERA DR	Corridor	26,110	40	120	180	98.9%	0.3%	0.8%	85.0%	7.5%	7.5%	62.1	44	95	204	439
2552	FOLSOM BL	East of MANLOVE RD	Corridor	29,090	40	120	180	98.6%	0.4%	1.1%	85.0%	7.5%	7.5%	62.8	48	104	224	484
2553	FOLSOM BL	East of MAYHEW DR	Corridor	27,490	40	120	180	98.8%	0.3%	0.9%	85.0%	7.5%	7.5%	62.4	46	99	213	460
2554	FOLSOM BL	West of BRADSHAW RD	Corridor	29,930	40	120	180	99.3%	0.2%	0.5%	85.0%	7.5%	7.5%	62.5	47	101	217	467
2556	FRANKLIN BL	SOUTH of DESMOND RD	Rural Residential	980	45	135	165	82.4%	4.4%	13.2%	85.0%	7.5%	7.5%	53.1	11	24	52	111
2560	GREENBACK LN	East of FAIR OAKS BL	Corridor	34,390	45	105	195	99.7%	0.1%	0.2%	85.0%	7.5%	7.5%	65.0	66	142	307	661
2561	GREENBACK LN	East of HAZEL AV	Corridor	33,420	45	120	180	99.5%	0.1%	0.4%	85.0%	7.5%	7.5%	64.5	63	136	292	630
2565	HAZEL AV	NORTH of AMERICAN RIVER B	Established	68,060	40	105	195	98.7%	0.3%	1.0%	85.0%	7.5%	7.5%	66.8	88	189	408	880
2568	HAZEL AV	NORTH of OAK AV	Established	42,670	45	120	180	98.4%	0.4%	1.2%	85.0%	7.5%	7.5%	66.0	79	171	368	793
2569	HICKORY AV	SOUTH of OAK AV	Established	2,700	30	135	165	99.8%	0.1%	0.2%	85.0%	7.5%	7.5%	47.9	5	11	23	50
2570	HILLSDALE BL	NORTH of MADISON AV	Corridor	34,640	40	120	180	99.4%	0.1%	0.4%	85.0%	7.5%	7.5%	63.1	51	110	238	512
2571	HOOD FRANKLIN RD	West of FRANKLIN BL	Rural Residential	8,610	40	120	180	91.9%	2.0%	6.1%	85.0%	7.5%	7.5%	59.7	30	65	141	303
2572	HOWE AV	NORTH of FAIR OAKS BL	Corridor	57,180	40	105	195	99.2%	0.2%	0.6%	85.0%	7.5%	7.5%	65.8	76	163	351	757
2573	HOWE AV	NORTH of ALTA ARDEN EXWY	Established	26,660	40	120	180	99.2%	0.2%	0.6%	85.0%	7.5%	7.5%	62.1	44	94	202	436
2574	HOWE AV	NORTH of ARDEN WY	Established	32,470	40	113	187.5	99.0%	0.2%	0.7%	85.0%	7.5%	7.5%	63.2	51	111	239	514
2577	KENNETH AV	SOUTH of OAK AV	Established	8,830	40	135	165	99.8%	0.1%	0.2%	85.0%	7.5%	7.5%	56.8	20	42	91	196
2579	KIEFER BL	West of SOUTH WATT AV	Corridor	3,620	30	135	165	98.9%	0.3%	0.8%	85.0%	7.5%	7.5%	49.9	7	15	32	68
2580	KIEFER BL	West of SOUTH WATT AV	Corridor	17,440	40	120	180	99.2%	0.2%	0.6%	85.0%	7.5%	7.5%	60.3	33	71	153	330
2582	LINCOLN WY	NORTH of KOST RD	Corridor	7,170	30	135	165	99.7%	0.1%	0.2%	85.0%	7.5%	7.5%	52.2	10	21	45	97
2583	MADISON AV	East of SAN JUAN AV	Established	54,870	45	105	195	99.2%	0.2%	0.6%	85.0%	7.5%	7.5%	67.2	93	200	432	930
2584	MADISON AV	East of SUNRISE BL	Established	43,520	45	113	187.5	99.2%	0.2%	0.6%	85.0%	7.5%	7.5%	66.0	78	168	363	782
2585	MADISON AV	West of HILLSDALE BL	Corridor	34,120	45	120	180	99.3%	0.2%	0.5%	85.0%	7.5%	7.5%	64.7	65	139	300	647
2586	MADISON AV	West of MAIN AV	Corridor	26,850	45	120	180	99.5%	0.1%	0.4%	85.0%	7.5%	7.5%	63.6	55	118	254	547
2588	MAYHEW RD	SOUTH of HWY 50	Corridor	10,010	40	135	165	98.5%	0.4%	1.1%	85.0%	7.5%	7.5%	57.9	23	50	108	232
2593	MORSE AV	SOUTH of ALTA ARDEN EXPY	Corridor	8,290	30	135	165	99.9%	0.0%	0.1%	85.0%	7.5%	7.5%	52.7	10	22	48	104
2595	MYRTLE AV	West of HEMLOCK ST	Established	8,330	35	135	165	99.7%	0.1%	0.2%	85.0%	7.5%	7.5%	54.8	14	31	67	145
2596	M ST	East of RIO LINDA BL	Rural Residential	6,360	25	135	165	99.6%	0.1%	0.3%	85.0%	7.5%	7.5%	49.7	7	14	31	66

2597	NEW HOPE	East of SARGENT AV	Established	2,080	45	135	165	97.4%	0.6%	1.9%	85.0%	7.5%	7.5%	53.0	11	23	51	109
2598	NEW HOPE	West of KOST RD	Rural Residential	2,230	45	135	165	95.5%	1.1%	3.4%	85.0%	7.5%	7.5%	53.9	13	27	58	125
2599	NORTH LOOP BL	East of WALERGA RD	Established	9,730	35	120	180	99.8%	0.0%	0.1%	85.0%	7.5%	7.5%	55.7	16	35	75	163
2601	NORTH LOOP BL	NORTH of ELVERTA RD	Established	7,090	30	120	180	99.6%	0.1%	0.3%	85.0%	7.5%	7.5%	52.5	10	21	46	99
2604	OAK AV	West of HAZEL AV	Established	9,550	40	135	165	99.8%	0.1%	0.2%	85.0%	7.5%	7.5%	57.1	21	44	96	206
2605	OAK AV	West of MAIN AV / MOUNTAI	Established	9,470	35	135	165	99.3%	0.2%	0.5%	85.0%	7.5%	7.5%	55.6	16	35	76	164
2607	OAK AV	West of SANTA JUANITA AV (S	Established	8,510	35	135	165	99.3%	0.2%	0.5%	85.0%	7.5%	7.5%	55.1	15	33	71	152
2608	OAK LN	West of 10TH ST	Rural Residential	3,000	30	135	165	99.7%	0.1%	0.3%	85.0%	7.5%	7.5%	48.5	5	12	25	55
2609	OLD PLACERVILLE RD	East of BRADSHAW RD	Established	39,110	25	120	180	97.6%	0.6%	1.8%	85.0%	7.5%	7.5%	59.8	31	66	142	307
2610	OLD PLACERVILLE RD	East of ROUTIER RD	Established	31,920	35	120	180	98.0%	0.5%	1.5%	85.0%	7.5%	7.5%	61.8	42	91	195	420
2612	ORANGE GROVE AV	West of RIVER COLLEGE DR	Corridor	11,450	35	135	165	98.7%	0.3%	1.0%	85.0%	7.5%	7.5%	56.8	20	42	91	196
2619	POWER LINE RD	NORTH of ELKHORN BL	Established	510	40	135	165	98.6%	0.4%	1.1%	85.0%	7.5%	7.5%	45.0	3	7	15	32
2622	Q ST	West of 20TH ST	Established	6,100	45	135	165	99.7%	0.1%	0.2%	85.0%	7.5%	7.5%	56.8	20	42	91	196
2623	Q ST	West of RIO LINDA BL	Rural Residential	1,600	35	135	165	99.9%	0.0%	0.1%	85.0%	7.5%	7.5%	47.5	5	10	22	47
2626	RIO LINDA BL	SOUTH of ELKHORN BL	Rural Residential	13,510	45	135	165	99.7%	0.1%	0.2%	85.0%	7.5%	7.5%	60.2	33	72	155	333
2629	RIO LINDA BL	SOUTH of MARYSVILLE BL	Established	13,160	35	135	165	99.7%	0.1%	0.2%	85.0%	7.5%	7.5%	56.8	20	42	91	196
2630	ROSEMONT DR	NORTH of KIEFER BL	Corridor	1,370	20	135	165	100.0%	0.0%	0.0%	85.0%	7.5%	7.5%	40.1	2	3	7	15
2632	SIMMERHORN RD	West of STEINER RD	Established	3,130	40	135	165	99.7%	0.1%	0.2%	85.0%	7.5%	7.5%	52.3	10	21	46	99
2633	SOUTH WATT AV	NORTH of FLORIN RD	Developing	35,640	45	120	180	98.5%	0.4%	1.1%	85.0%	7.5%	7.5%	65.2	70	151	324	699
2634	SOUTH WATT AV	NORTH of FRUITRIDGE RD	Established	42,790	40	120	180	98.7%	0.3%	1.0%	85.0%	7.5%	7.5%	64.4	62	133	287	619
2635	SOUTH WATT AV	SOUTH of ALDERSON AV	Corridor	48,760	40	105	195	98.8%	0.3%	0.9%	85.0%	7.5%	7.5%	65.3	70	151	324	699
2636	SOUTH WATT AV	SOUTH of FOLSOM BL	Corridor	61,650	40	105	195	98.9%	0.3%	0.8%	85.0%	7.5%	7.5%	66.3	81	175	376	811
2637	STOCKTON BL	NORTH of 37TH AV	Corridor	22,790	35	135	165	99.3%	0.2%	0.5%	85.0%	7.5%	7.5%	59.4	29	63	137	294
2638	STOCKTON BL	NORTH of ELSIE AV / MACK	Corridor	43,360	40	120	180	99.0%	0.3%	0.8%	85.0%	7.5%	7.5%	64.3	61	132	285	614
2639	STOCKTON BL	SOUTH of ELSIE AV / MACK	Corridor	37,780	30	120	180	98.8%	0.3%	0.9%	85.0%	7.5%	7.5%	60.4	34	72	156	336
2640	STOCKTON BL	SOUTH of PARKER AV	Corridor	17,390	35	135	165	99.1%	0.2%	0.7%	85.0%	7.5%	7.5%	58.4	25	54	116	250
2641	SUNRISE BL	NORTH of MADISON AV	Established	49,650	45	105	195	98.8%	0.3%	0.9%	85.0%	7.5%	7.5%	66.9	89	192	415	893
2642	SUNRISE BL	NORTH of SUNSET AV	Established	51,110	45	105	195	98.8%	0.3%	0.9%	85.0%	7.5%	7.5%	67.0	91	196	422	910
2643	SUNRISE BL	SOUTH of AMERICAN RIVER B	Established	94,800	45	105	195	99.0%	0.2%	0.7%	85.0%	7.5%	7.5%	69.6	135	291	628	1353
2652	TWIN CITIES RD	West of FRANKLIN BL	Rural Residential	5,620	45	135	165	89.1%	2.7%	8.2%	85.0%	7.5%	7.5%	59.5	30	64	138	297
2653	TWIN CITIES RD	West of SR99	Corridor	7,940	45	135	165	93.0%	1.8%	5.3%	85.0%	7.5%	7.5%	60.1	33	70	151	326
2654	U ST	West of DRY CREEK RD	Developing	1,820	35	135	165	99.6%	0.1%	0.3%	85.0%	7.5%	7.5%	48.2	5	11	25	53
2656	WALERGA RD	NORTH of HILLSDALE BL	Established	23,320	40	120	180	99.5%	0.1%	0.4%	85.0%	7.5%	7.5%	61.4	39	84	181	390
2665	WATT AV	NORTH of AMERICAN RIVER B	Corridor	109,750	45	105	195	99.1%	0.2%	0.7%	85.0%	7.5%	7.5%	70.3	149	320	690	1487
2666	WATT AV	NORTH of ARDEN WY	Corridor	52,300	40	105	195	98.7%	0.3%	1.0%	85.0%	7.5%	7.5%	65.7	74	159	343	739
2667	WATT AV	NORTH of COTTAGE WY	Corridor	59,100	40	105	195	98.9%	0.3%	0.8%	85.0%	7.5%	7.5%	66.1	79	170	367	790
2669	WATT AV	NORTH of EL CAMINO	Corridor	57,400	40	105	195	98.8%	0.3%	0.9%	85.0%	7.5%	7.5%	66.1	78	168	363	781
2670	WATT AV	NORTH of FOLSOM BL	Corridor	83,000	45	90	210	98.5%	0.4%	1.1%	85.0%	7.5%	7.5%	69.9	135	292	629	1354
2671	WATT AV	SOUTH of ARDEN WY	Corridor	56,470	45	120	180	98.7%	0.3%	1.0%	85.0%	7.5%	7.5%	67.1	94	203	437	941
2676	WHITE ROCK RD	NORTH of GRANT LINE RD	Established	22,790	45	120	180	95.6%	1.1%	3.3%	85.0%	7.5%	7.5%	64.2	60	130	280	603
2677	WHITE ROCK RD	West of GRANT LINE RD	Rural Residential	16,500	45	120	180	95.6%	1.1%	3.3%	85.0%	7.5%	7.5%	62.8	49	105	226	486
2680	WINDING WY	West of WALNUT AV	Established	21,160	25	135	165	99.6%	0.1%	0.3%	85.0%	7.5%	7.5%	54.9	15	32	69	148
3002	Blue Oaks Blvd	East of Lone Tree	Established	14,630	35	120	180	99.7%	0.1%	0.2%	85.0%	7.5%	7.5%	57.5	21	46	100	215
3004	Whitney Boulevard	North of Midas Av	Established	12,050	25	135	165	99.8%	0.0%	0.1%	85.0%	7.5%	7.5%	52.2	10	21	45	97
3005	Dominguez Avenue	East of Pacific St	Established	1,640	30	135	165	98.6%	0.4%	1.1%	85.0%	7.5%	7.5%	46.7	4	9	19	42
3007	Granite Drive	North of Rocklin Rd	Established	10,750	20	120	180	98.9%	0.3%	0.8%	85.0%	7.5%	7.5%	51.4	8	18	39	85
3008	Granite Drive	North of Sierra Meadows	Established	10,900	20	120	180	96.1%	1.0%	2.9%	85.0%	7.5%	7.5%	54.4	13	29	63	135
3009	Lone Tree	North of Blue Oaks Blvd	Established	2,990	25	120	180	99.6%	0.1%	0.3%	85.0%	7.5%	7.5%	46.7	4	9	19	41
3014	Midas Avenue	West of Argonaut Av	Established	10,410	25	135	165	99.8%	0.1%	0.2%	85.0%	7.5%	7.5%	51.6	9	19	41	88
3015	Midas Avenue	West of Pacific St	Corridor	11,660	20	135	165	99.8%	0.0%	0.1%	85.0%	7.5%	7.5%	49.8	7	15	31	67
3016	Taylor Road	North of I-80 WB	Established	35,990	40	120	180	99.1%	0.2%	0.7%	85.0%	7.5%	7.5%	63.4	54	116	249	536
3017	Pacific Street	North of Farron St	Corridor	27,830	40	120	180	99.0%	0.2%	0.7%	85.0%	7.5%	7.5%	62.4	46	98	211	455
3018	Pacific Street	North of Rocklin Rd	Corridor	19,170	40	120	180	99.3%	0.2%	0.5%	85.0%	7.5%	7.5%	60.6	35	75	162	349
3019	Pacific Street	North of Sierra Meadows	Corridor	18,020	40	120	180	99.3%	0.2%	0.5%	85.0%	7.5%	7.5%	60.4	33	72	155	334
3020	Pacific Street	South of Dominguez Av	Established	16,310	40	120	180	99.2%	0.2%	0.6%	85.0%	7.5%	7.5%	60.0	31	68	146	314
3021	Pacific Street	North of Sunset Blvd	Corridor	35,340	40	105	195	99.2%	0.2%	0.6%	85.0%	7.5%	7.5%	63.8	55	118	255	549
3022	Pacific Street	South of Sunset Blvd	Established	33,330	40	105	195	99.1%	0.2%	0.7%	85.0%	7.5%	7.5%	63.5	53	114	246	530
3023	Pacific Street	North of Dominguez Av	Established	13,230	40	120	180	99.8%	0.1%	0.2%	85.0%	7.5%	7.5%	58.8	26	56	122	262
3026	Park Drive	South of Sunset Blvd	Established	15,540	35	120	180	99.9%	0.0%	0.1%	85.0%	7.5%	7.5%	57.6	22	47	102	220
3027	Park Drive	South of Stanford Ranch Rd	Established	12,060	35	120	180	99.9%	0.0%	0.1%	85.0%	7.5%	7.5%	56.5	19	40	86	186
3028	Park Drive	North of Stanford Ranch Rd	Established	12,060	35	120	180	99.8%	0.1%	0.2%	85.0%	7.5%	7.5%	56.6	19	41	88	189
3029	Park Drive	North of Sunset Blvd	Established	22,480	35	120	180	99.8%	0.0%	0.1%	85.0%	7.5%	7.5%	59.3	28	61	131	283

3032	Rocklin Road	East of I-80 EB	Established	31,330	40	105	195	99.4%	0.1%	0.4%	85.0%	7.5%	7.5%	63.1	50	107	231	498
3033	Rocklin Road	West of Pacific St	Corridor	4,490	20	135	165	99.6%	0.1%	0.3%	85.0%	7.5%	7.5%	46.1	4	8	18	38
3034	Rocklin Road	West of Granite Dr	Established	26,260	30	120	180	99.2%	0.2%	0.6%	85.0%	7.5%	7.5%	58.5	25	54	117	252
3035	Rocklin Road	West of Sierra College Blvd	Established	25,100	40	105	195	99.4%	0.1%	0.4%	85.0%	7.5%	7.5%	62.2	43	92	199	429
3036	Rocklin Road	West of Pacific St	Corridor	19,570	30	120	180	99.1%	0.2%	0.7%	85.0%	7.5%	7.5%	57.3	21	45	97	209
3037	Rocklin Road	East of Granite Dr	Corridor	20,260	35	120	180	99.3%	0.2%	0.5%	85.0%	7.5%	7.5%	59.2	28	60	129	278
3038	Rocklin Road	East of Sierra College Blvd	Established	16,890	35	120	180	99.5%	0.1%	0.4%	85.0%	7.5%	7.5%	58.2	24	52	112	241
3039	Sierra College Boulevard	South of I-80 EB	Established	19,670	45	105	195	98.0%	0.5%	1.5%	85.0%	7.5%	7.5%	63.2	50	109	234	504
3040	Sierra College Boulevard	North of Granite Dr	Established	19,820	40	120	180	99.4%	0.1%	0.4%	85.0%	7.5%	7.5%	60.7	35	76	164	353
3041	Sierra College Boulevard	North of Scarborough Dr	Established	30,000	45	120	180	98.2%	0.4%	1.3%	85.0%	7.5%	7.5%	64.5	63	137	294	634
3042	Five Star Boulevard	East of Stanford Ranch Rd	Established	11,180	20	135	165	99.7%	0.1%	0.2%	85.0%	7.5%	7.5%	49.9	7	15	32	68
3043	South Whitney Boulevard	South of Sunset Blvd	Established	4,860	35	120	180	99.7%	0.1%	0.2%	85.0%	7.5%	7.5%	52.7	10	22	48	103
3045	Stanford Ranch Road	North of Crest Dr	Established	19,600	35	105	195	99.5%	0.1%	0.4%	85.0%	7.5%	7.5%	59.3	28	60	129	277
3048	West Stanford Ranch Road	North of Sunset Blvd	Established	13,980	35	105	195	99.9%	0.0%	0.1%	85.0%	7.5%	7.5%	57.6	21	46	99	213
3050	Sunset Boulelvard	West of Lone Tree	Established	21,280	35	105	195	99.3%	0.2%	0.5%	85.0%	7.5%	7.5%	59.8	30	65	139	300
3051	Sunset Boulelvard	West of Park Dr	Established	30,280	40	105	195	99.4%	0.2%	0.5%	85.0%	7.5%	7.5%	63.0	49	105	227	488
3053	Sunset Boulelvard	East of Park Dr	Established	28,420	40	105	195	99.4%	0.2%	0.5%	85.0%	7.5%	7.5%	62.7	47	101	217	468
3055	Sunset Boulelvard	West of Whitney Blvd	Established	24,630	40	105	195	99.4%	0.2%	0.5%	85.0%	7.5%	7.5%	62.1	42	92	197	425
3056	Sunset Boulelvard	West of Pacific Blvd	Corridor	32,350	35	105	195	99.3%	0.2%	0.5%	85.0%	7.5%	7.5%	61.6	39	85	183	393
3059	West Oaks Boulevard	North of Sunset Blvd	Established	8,470	25	120	180	99.5%	0.1%	0.4%	85.0%	7.5%	7.5%	51.3	8	18	39	83
3062	West Stanford Ranch Road	East of Wildcat Blvd	Established	14,760	35	105	195	99.8%	0.1%	0.2%	85.0%	7.5%	7.5%	57.9	22	48	104	224
3067	Whitney Boulevard	North of Sunset Blvd	Established	6,440	20	135	165	99.6%	0.1%	0.3%	85.0%	7.5%	7.5%	47.8	5	11	23	49
5001	US 50	East of Shingle Springs	Established	67,730	19	120	180	97.4%	0.7%	2.0%	85.0%	7.5%	7.5%	61.1	38	81	175	378
5002	US 50	East of Bass Lake Rd	Developing	77,130	39	90	210	97.9%	0.5%	1.6%	85.0%	7.5%	7.5%	68.0	102	219	472	1017
5003	US 50	East of El Dorado Hills Bouleva	Corridor	75,680	58	83	217.5	98.0%	0.5%	1.5%	85.0%	7.5%	7.5%	73.4	225	484	1042	2245
5004	US 50	East of Prairie City Rd	Developing	102,350	42	98	202.5	98.2%	0.4%	1.3%	85.0%	7.5%	7.5%	69.7	134	289	622	1340
5005	US-50	East of Folsom Boulevard	Corridor	109,600	42	98	202.5	98.2%	0.5%	1.4%	85.0%	7.5%	7.5%	70.0	141	304	654	1409
5006	US 50	East of Sunrise Boulevard	Corridor	161,840	42	75	225	97.7%	0.6%	1.7%	85.0%	7.5%	7.5%	73.1	209	450	970	2091
5007	US-50	East of Zinfandel Drive	Corridor	184,940	42	60	240	97.6%	0.6%	1.8%	85.0%	7.5%	7.5%	74.9	256	552	1189	2562
5008	US-50	East of Bradshaw Road	Corridor	238,970	42	60	240	97.5%	0.6%	1.9%	85.0%	7.5%	7.5%	76.1	306	659	1420	3058
5009	US 50	East of Watt Ave	Corridor	238,220	21	68	232.5	97.5%	0.6%	1.9%	85.0%	7.5%	7.5%	69.3	112	241	519	1118
5010	US-50	East of Howe Avenue	Established	225,780	31	60	240	97.5%	0.6%	1.9%	85.0%	7.5%	7.5%	72.5	175	377	812	1750
5011	US-50	East of 59th Street	Corridor	263,140	32	75	225	96.7%	0.8%	2.5%	85.0%	7.5%	7.5%	72.6	195	419	903	1945
5012	US 50	East of 15th/16th St	Corridor	304,800	35	53	247.5	95.5%	1.1%	3.4%	85.0%	7.5%	7.5%	76.6	315	679	1463	3152
5013	US 50	West of I-5	Corridor	166,050	32	75	225	97.3%	0.7%	2.1%	85.0%	7.5%	7.5%	70.4	137	295	636	1371
5014	US 50	East of Harbor Blvd	Established	99,530	31	68	232.5	96.8%	0.8%	2.4%	85.0%	7.5%	7.5%	68.6	101	218	469	1011
5015	US 50	East of W.Capital	Established	77,170	32	75	225	96.8%	0.8%	2.4%	85.0%	7.5%	7.5%	67.2	85	183	395	850
5017	US 50	West of El Dorado Hills Boulev	Corridor	96,960	40	83	217.5	98.3%	0.4%	1.3%	85.0%	7.5%	7.5%	69.6	126	271	583	1256
5017	US 50	West of Stockton	Corridor	263,640	40	60	240	96.7%	0.8%	2.5%	85.0%	7.5%	7.5%	76.2	311	671	1446	3115
5022	21st Street	North of 'W' Street	Corridor	11,990	25	135	165	99.4%	0.1%	0.4%	85.0%	7.5%	7.5%	52.6	10	22	48	104
5023	19th Street	North of 'W' Street	Corridor	12,940	25	135	165	99.4%	0.2%	0.5%	85.0%	7.5%	7.5%	53.1	11	24	51	111
5026	15th Street	North of 'W' Street	Corridor	36,860	28	120	180	98.8%	0.3%	0.9%	85.0%	7.5%	7.5%	59.5	30	64	137	295
5031	10th Street	North of 'W' Street	Corridor	10,090	20	135	165	99.1%	0.2%	0.7%	85.0%	7.5%	7.5%	50.6	8	16	35	76
5032	9th Street	North of 'W' Street	Corridor	12,210	20	135	165	98.8%	0.3%	0.9%	85.0%	7.5%	7.5%	51.8	9	20	42	91
5033	8th Street	North of 'W' Street	Corridor	10,210	20	135	165	98.4%	0.4%	1.2%	85.0%	7.5%	7.5%	51.6	9	19	41	89
5035	5th Street	North of 'W' Street	Corridor	10,490	20	120	180	99.3%	0.2%	0.5%	85.0%	7.5%	7.5%	50.6	7	16	34	74
5037	3rd Street	North of 'W' Street	Corridor	12,360	20	128	172.5	99.3%	0.2%	0.5%	85.0%	7.5%	7.5%	51.2	8	18	38	83
5039	'Q' Street	West of 3rd Street	Corridor	11,330	25	120	180	98.1%	0.5%	1.4%	85.0%	7.5%	7.5%	54.0	13	27	59	126
5040	'P' Street	West of 3rd Street	Corridor	13,060	25	128	172.5	98.2%	0.5%	1.4%	85.0%	7.5%	7.5%	54.4	14	29	63	135
5042	'N' Street	West of 3rd Street	Corridor	6,810	20	143	157.5	99.5%	0.1%	0.4%	85.0%	7.5%	7.5%	48.0	5	11	24	51
5044	Capitol Mall	West of 3rd Street	Corridor	27,200	20	105	195	99.5%	0.1%	0.4%	85.0%	7.5%	7.5%	54.8	14	30	65	139
5048	EB Connector From 'I' St. Bridg	West of 3rd Street	Corridor	16,340	20	120	180	98.5%	0.4%	1.1%	85.0%	7.5%	7.5%	53.8	12	26	56	122
5049	'I' Street	West of 3rd Street	Corridor	2,760	20	135	165	99.8%	0.0%	0.1%	85.0%	7.5%	7.5%	43.5	3	6	12	26
5050	Richards Boulevard	West of Bercut	Corridor	39,910	30	120	180	97.9%	0.5%	1.6%	85.0%	7.5%	7.5%	61.2	38	82	177	381
5051	'J' Street	West of 5th Street	Corridor	29,350	25	120	180	98.3%	0.4%	1.3%	85.0%	7.5%	7.5%	58.0	23	50	107	232
5052	'I' Street	West of 5th Street	Corridor	21,800	25	120	180	98.3%	0.4%	1.3%	85.0%	7.5%	7.5%	56.6	19	41	88	189
5053	'L' Street	West of 5th Street	Corridor	9,670	20	120	180	98.9%	0.3%	0.8%	85.0%	7.5%	7.5%	50.9	8	17	36	78
5054	Richards Boulevard	West of N. 12th Street	Corridor	23,670	20	105	195	98.4%	0.4%	1.2%	85.0%	7.5%	7.5%	56.0	17	36	78	167
5057	Fair Oaks Boulevard / 'H' Stree	West of Cadillac Drive	Established	39,790	35	120	180	99.6%	0.1%	0.3%	85.0%	7.5%	7.5%	61.9	43	92	197	425
5058	Howe Avenue	South of Swarthmore Drive	Established	70,960	45	120	180	98.8%	0.3%	0.9%	85.0%	7.5%	7.5%	68.0	108	234	503	1085
5059	Folsom Boulevard / Lake Nato	North of or South of Leidsdorf	Corridor	25,500	40	120	180	99.1%	0.2%	0.7%	85.0%	7.5%	7.5%	62.0	43	92	199	428
5060	Riley Street / Rainbow Bridge	North of or South of Leidsdorf	Corridor	27,170	20	135	165	99.8%	0.1%	0.2%	85.0%	7.5%	7.5%	53.6	12	26	56	120

5061	Salmon Falls Road	North of or South of Near Am	Rural Residential	600	35	135	165	99.6%	0.1%	0.3%	85.0%	7.5%	7.5%	43.5	3	5	12	25
5063	Bridge Street / Feather River C	East of 2nd Street	Corridor	48,870	25	120	180	98.8%	0.3%	0.9%	85.0%	7.5%	7.5%	59.6	30	65	139	299
5064	Simpson Lane	West of Davis Road	Established	4,230	45	135	165	93.5%	1.6%	4.9%	85.0%	7.5%	7.5%	57.2	21	45	98	210
5065	State Route 70 / Bear River Cr	South of Feather River Boulev	Established	27,710	63	120	180	92.9%	1.8%	5.3%	85.0%	7.5%	7.5%	69.8	142	306	659	1420
5066	Forty Mile Road	North of or South of Wheatlar	Established	3,580	45	135	165	98.1%	0.5%	1.5%	85.0%	7.5%	7.5%	55.1	15	33	70	151
5068	McCourtney Road	North of Karchner Road	Rural Residential	1,390	40	135	165	91.0%	2.2%	6.7%	85.0%	7.5%	7.5%	51.8	9	20	42	91
5070	State Route 174	at Placer-Nevada CL	Corridor	5,020	35	135	165	93.4%	1.7%	5.0%	85.0%	7.5%	7.5%	55.4	16	34	74	159
5071	Marysville Rd	at W. of SH 49/Yuba-Nevada C	Rural Residential	830	45	135	165	100.0%	0.0%	0.0%	85.0%	7.5%	7.5%	48.0	5	11	24	51
5072	Green Valley Road	West of Sophia Parkway	Established	35,590	35	120	180	99.7%	0.1%	0.2%	85.0%	7.5%	7.5%	61.4	39	84	181	391
5073	Sophia Parkway	East of Empire Ranch Road	Established	2,170	40	135	165	99.9%	0.0%	0.1%	85.0%	7.5%	7.5%	50.6	8	16	35	76
5074	White Rock Road	at Sacramento - El Dorado CL	Established	19,440	40	120	180	96.9%	0.8%	2.3%	85.0%	7.5%	7.5%	61.7	41	88	190	409
5075	South Shingle Road	West of Latrobe Road	Rural Residential	360	25	135	165	99.6%	0.1%	0.3%	85.0%	7.5%	7.5%	37.2	1	2	5	10
5076	Power Inn Road	South of Folsom Boulevard	Corridor	58,670	35	105	195	98.5%	0.4%	1.1%	85.0%	7.5%	7.5%	64.6	63	135	291	628
5077	Florin-Perkins Road	South of SR 16 / Jackson Highv	Corridor	31,820	35	120	180	97.6%	0.6%	1.8%	85.0%	7.5%	7.5%	62.0	43	93	200	431
5080	Mayhew Road	South of SR 16 / Jackson Highv	Established	1,110	40	135	165	98.8%	0.3%	0.9%	85.0%	7.5%	7.5%	48.2	5	11	24	53
5081	Bradshaw Road	South of SR 16 / Jackson Highv	Rural Residential	52,680	45	105	195	96.8%	0.8%	2.4%	85.0%	7.5%	7.5%	67.9	103	223	480	1034
5082	Excelsior Road	South of SR 16 / Jackson Highv	Rural Residential	5,290	40	135	165	99.5%	0.1%	0.3%	85.0%	7.5%	7.5%	54.7	14	30	66	142
5083	Eagles' Nest Road	South of SR 16 / Jackson Highv	Rural Residential	2,040	45	135	165	94.5%	1.4%	4.1%	85.0%	7.5%	7.5%	53.8	12	27	57	124
5084	Sunrise Boulevard	South of SR 16 / Jackson Highv	Rural Residential	13,990	50	120	180	96.2%	1.0%	2.9%	85.0%	7.5%	7.5%	63.2	52	111	240	516
5085	Grant Line Road	South of SR 16 / Jackson Highv	Established	10,960	45	135	165	92.9%	1.8%	5.4%	85.0%	7.5%	7.5%	61.5	41	87	188	406
5087	Dillard Road	South of SR 16 / Jackson Highv	Rural Residential	3,780	45	135	165	98.3%	0.4%	1.3%	85.0%	7.5%	7.5%	55.3	16	33	72	155
5088	Capitol Mall / Tower Bridge G	East of '3rd' Street (West Sacr	Corridor	25,150	15	120	180	99.5%	0.1%	0.4%	85.0%	7.5%	7.5%	52.8	10	22	48	104
5090	Garden Highway	North of or South of West Elve	Established	290	40	135	165	99.7%	0.1%	0.2%	85.0%	7.5%	7.5%	42.0	2	4	9	20
5091	Power Line Road	North of or South of West Elve	Established	420	30	135	165	97.5%	0.6%	1.9%	85.0%	7.5%	7.5%	41.4	2	4	9	19
5092	Sorento Road	North of Elverta Road	Rural Residential	4,070	45	135	165	99.2%	0.2%	0.6%	85.0%	7.5%	7.5%	55.2	15	33	72	155
5093	Rio Linda Boulevard	North of Elverta Road	Rural Residential	6,550	38	128	172.5	99.2%	0.2%	0.6%	85.0%	7.5%	7.5%	55.2	15	33	71	153
5096	Palladay Road	North of Elverta Road	Developing	320	25	135	165	99.4%	0.2%	0.5%	85.0%	7.5%	7.5%	37.0	1	2	4	9
5102	Capitol City Frwy / American R	at American River	Corridor	218,480	21	75	225	97.2%	0.7%	2.1%	85.0%	7.5%	7.5%	68.6	105	227	489	1053
5103	Capitol City Frwy	North of Arden Way	Corridor	199,850	27	83	217.5	97.2%	0.7%	2.1%	85.0%	7.5%	7.5%	69.2	118	254	547	1179
5104	Capitol City Frwy	North of Arden Way	Corridor	153,820	32	105	195	96.5%	0.9%	2.7%	85.0%	7.5%	7.5%	68.9	121	261	561	1209
5105	Auburn Boulevard	North of Twin Oaks Avenue	Corridor	39,080	40	120	180	99.5%	0.1%	0.4%	85.0%	7.5%	7.5%	63.6	55	119	256	550
5107	Sunrise Boulevard	North of or South of Twin Oak	Established	37,090	40	120	180	98.7%	0.3%	0.9%	85.0%	7.5%	7.5%	63.7	56	121	261	562
5109	Old Auburn Road	East of Wachtel Way	Established	18,220	30	135	165	99.8%	0.1%	0.2%	85.0%	7.5%	7.5%	56.2	18	39	83	179
5111	Hazel Avenue / Sierra College	South of Old Auburn Road	Established	41,900	45	120	180	98.5%	0.4%	1.2%	85.0%	7.5%	7.5%	65.9	78	168	362	781
5112	San Juanita Avenue	North of Canyon Falls Drive	Established	6,950	30	135	165	99.5%	0.1%	0.4%	85.0%	7.5%	7.5%	52.2	10	21	45	98
5113	Auburn-Folsom Road	North of Auburn Dam Road	Established	40,890	45	120	180	98.1%	0.5%	1.4%	85.0%	7.5%	7.5%	65.9	78	169	363	782
5115	County Road 89	South of County Road 27	Established	1,340	45	135	165	98.5%	0.4%	1.1%	85.0%	7.5%	7.5%	50.6	8	16	36	77
5118	County Road 95	South of County Road 27	Established	880	45	135	165	99.6%	0.1%	0.3%	85.0%	7.5%	7.5%	48.4	5	12	25	54
5120	County Road 98	South of County Road 27	Established	1,010	45	135	165	99.4%	0.2%	0.5%	85.0%	7.5%	7.5%	49.1	6	13	28	60
5121	County Road 99	South of County Road 27	Established	4,030	35	135	165	99.4%	0.1%	0.4%	85.0%	7.5%	7.5%	51.8	9	20	42	91
5122	County Road 102	South of County Road 27	Established	3,130	45	135	165	98.9%	0.3%	0.9%	85.0%	7.5%	7.5%	54.2	13	28	61	132
5125	State Route 160/ Freeport Sac	Sacramento River Crossing n/a	Rural Residential	4,450	35	135	165	98.1%	0.5%	1.5%	85.0%	7.5%	7.5%	53.0	11	24	51	110
5126	State Route 160/ Courtland Sa	Sacramento River Crossing n/a	Established	2,750	45	135	165	97.1%	0.7%	2.2%	85.0%	7.5%	7.5%	54.3	13	29	62	134
5127	State Route 160/ Walnut Grov	Sacramento River Crossing n/a	Rural Residential	9,310	40	135	165	88.9%	2.8%	8.3%	85.0%	7.5%	7.5%	60.5	35	75	162	348
5128	'E' Street	East of 30th Street	Corridor	8,600	25	135	165	99.4%	0.1%	0.4%	85.0%	7.5%	7.5%	51.2	8	18	39	83
5130	'G' Street	East of 30th Street	Corridor	2,810	20	120	180	99.8%	0.1%	0.2%	85.0%	7.5%	7.5%	44.0	3	6	13	27
5131	'H' Street	East of 30th Street	Corridor	13,290	20	120	180	99.6%	0.1%	0.3%	85.0%	7.5%	7.5%	51.1	8	17	38	81
5133	'J' Street	East of 30th Street	Corridor	6,200	25	135	165	99.1%	0.2%	0.7%	85.0%	7.5%	7.5%	50.2	7	15	33	71
5135	'L' Street	East of 30th Street	Corridor	3,810	25	128	172.5	99.5%	0.1%	0.4%	85.0%	7.5%	7.5%	47.7	5	10	22	48
5136	Capitol Avenue	East of 30th Street	Corridor	18,600	20	120	180	99.1%	0.2%	0.6%	85.0%	7.5%	7.5%	53.4	11	25	53	115
5139	'P' Street	East of 30th Street	Corridor	6,400	25	128	172.5	99.1%	0.2%	0.7%	85.0%	7.5%	7.5%	50.4	7	16	34	73
5140	'Q' Street	East of 30th Street	Corridor	5,150	25	128	172.5	99.1%	0.2%	0.7%	85.0%	7.5%	7.5%	49.4	6	14	29	63
5142	'S' Street	East of 30th Street	Corridor	2,200	25	135	165	99.4%	0.1%	0.4%	85.0%	7.5%	7.5%	45.3	3	7	16	34
5143	'T' Street	East of 30th Street	Corridor	10,990	20	135	165	99.5%	0.1%	0.4%	85.0%	7.5%	7.5%	50.2	7	15	33	72
5145	26th Street	South of 'X' Street	Corridor	8,390	25	135	165	99.2%	0.2%	0.6%	85.0%	7.5%	7.5%	51.4	9	18	40	86
5147	24th Street	South of 'X' Street	Corridor	12,630	20	135	165	99.6%	0.1%	0.3%	85.0%	7.5%	7.5%	50.7	8	17	36	77
5150	21st Street	South of 'X' Street	Corridor	8,250	25	135	165	99.5%	0.1%	0.4%	85.0%	7.5%	7.5%	50.9	8	17	37	80
5151	19th Street	South of 'X' Street	Corridor	7,270	25	135	165	99.6%	0.1%	0.3%	85.0%	7.5%	7.5%	50.2	7	15	33	72
5154	16th Street	South of 'X' Street	Corridor	14,740	10	128	172.5	99.7%	0.1%	0.2%	85.0%	7.5%	7.5%	49.5	6	14	29	63
5155	15th Street	South of 'X' Street	Corridor	7,510	20	135	165	99.7%	0.1%	0.2%	85.0%	7.5%	7.5%	48.1	5	11	24	51
5158	Riverside Boulevard	South of 'X' Street	Corridor	11,780	20	120	180	99.7%	0.1%	0.2%	85.0%	7.5%	7.5%	50.3	7	15	33	72
5159	10th Street	South of 'X' Street	Corridor	4,320	20	135	165	98.9%	0.3%	0.8%	85.0%	7.5%	7.5%	47.2	4	10	21	45

5160	9th Street	South of 'X' Street	Corridor	2,090	20	135	165	99.6%	0.1%	0.3%	85.0%	7.5%	7.5%	42.8	2	5	11	23
5161	8th Street	South of 'X' Street	Corridor	1,770	20	135	165	99.8%	0.0%	0.1%	85.0%	7.5%	7.5%	41.5	2	4	9	19
5163	5th Street	South of 'X' Street	Corridor	8,030	20	120	180	99.5%	0.1%	0.4%	85.0%	7.5%	7.5%	49.0	6	13	27	59
5166	North-South Road	North of Omo Ranch Road	Rural Residential	200	25	135	165	96.1%	1.0%	2.9%	85.0%	7.5%	7.5%	37.7	1	2	5	10
5167	Mormon Emigrant Trail	North of State Route 88	Rural Residential	800	35	135	165	92.1%	2.0%	5.9%	85.0%	7.5%	7.5%	47.8	5	11	23	50
5168	Omo Ranch Road	West of North-South Road	Rural Residential	550	35	135	165	77.1%	5.7%	17.2%	85.0%	7.5%	7.5%	49.3	6	13	29	62
5169	Latrobe Road	El Dorado/Amador CL n/a	Rural Residential	6,360	45	135	165	91.6%	2.1%	6.3%	85.0%	7.5%	7.5%	59.5	30	64	138	296
5170	Shenendoah Road	El Dorado/Amador CL n/a	Rural Residential	760	45	143	157.5	99.4%	0.2%	0.5%	85.0%	7.5%	7.5%	47.8	5	11	23	50
5171	Twin Cities Road (County Road	Sacramento/Amador CL n/a	Rural Residential	3,370	45	135	165	97.4%	0.6%	1.9%	85.0%	7.5%	7.5%	55.1	15	32	70	150
5172	Lower Sacramento Road (S. of	at Sacramento-San Joaquin CL	Established	11,630	35	135	165	100.0%	0.0%	0.0%	85.0%	7.5%	7.5%	56.1	18	38	82	176
5175	County Road 104/Mace Blvd.	South of County Road 32D/Mc	Established	2,960	40	135	165	99.9%	0.0%	0.1%	85.0%	7.5%	7.5%	51.9	9	20	43	93
5177	'E' Street	West of 29th St	Corridor	6,390	20	135	165	98.5%	0.4%	1.1%	85.0%	7.5%	7.5%	49.5	6	14	30	64
5179	'G' Street	West of 29th St	Corridor	4,760	20	135	165	98.6%	0.4%	1.1%	85.0%	7.5%	7.5%	48.1	5	11	24	52
5180	'H' Street	West of 29th St	Corridor	5,620	20	135	165	99.0%	0.3%	0.8%	85.0%	7.5%	7.5%	48.2	5	11	24	53
5181	'I' Street	West of 29th St	Corridor	6,460	20	135	165	99.4%	0.1%	0.4%	85.0%	7.5%	7.5%	48.1	5	11	24	51
5182	'J' Street	West of 29th St	Corridor	13,020	25	135	165	99.1%	0.2%	0.7%	85.0%	7.5%	7.5%	53.4	12	25	54	117
5183	'K' Street	West of 29th St	Corridor	5,490	20	135	165	99.2%	0.2%	0.6%	85.0%	7.5%	7.5%	47.8	5	11	23	50
5185	Capitol Avenue	West of 29th St	Corridor	12,150	20	135	165	99.5%	0.1%	0.4%	85.0%	7.5%	7.5%	50.7	8	17	36	77
5186	'N' Street	West of 29th St	Corridor	4,970	20	128	172.5	99.0%	0.3%	0.8%	85.0%	7.5%	7.5%	47.8	5	11	23	49
5188	'P' Street	West of 29th St	Corridor	9,850	25	135	165	99.0%	0.2%	0.7%	85.0%	7.5%	7.5%	52.2	10	21	45	97
5189	'Q' Street	West of 29th St	Corridor	3,560	25	135	165	99.0%	0.2%	0.7%	85.0%	7.5%	7.5%	47.8	5	11	23	49
5191	'S' Street	West of 29th St	Corridor	5,220	20	135	165	99.3%	0.2%	0.6%	85.0%	7.5%	7.5%	47.4	5	10	22	47
5192	'T' Street	West of 29th St	Corridor	4,470	20	135	165	99.7%	0.1%	0.2%	85.0%	7.5%	7.5%	45.8	4	8	17	37
5193	26th Street	North of 'W' Street	Corridor	4,910	20	135	165	99.5%	0.1%	0.4%	85.0%	7.5%	7.5%	46.7	4	9	19	42
5277	Watt Avenue	South of PFE Road	Established	31,160	45	135	165	99.4%	0.1%	0.4%	85.0%	7.5%	7.5%	64.0	59	127	275	592
5278	Walerga Road	South of PFE Road	Established	47,730	40	120	180	99.6%	0.1%	0.3%	85.0%	7.5%	7.5%	64.4	63	135	290	625
5279	Antelope Road	South of PFE Road	Established	7,890	35	120	180	98.6%	0.4%	1.1%	85.0%	7.5%	7.5%	55.5	16	34	73	158
5280	Roseville Road	South of Whyte Road	Established	15,080	50	135	165	99.1%	0.2%	0.7%	85.0%	7.5%	7.5%	62.4	46	99	214	461
6001	Base line Rd	East of Fiddyment Rd	Established	37,730	40	120	180	99.1%	0.2%	0.6%	85.0%	7.5%	7.5%	63.6	55	119	256	553
6002	Elverta Rd	West of SR70-99	Established	2,480	45	135	165	98.7%	0.3%	1.0%	85.0%	7.5%	7.5%	53.3	11	25	53	115
6003	Elverta Rd	East of SR70-99	Rural Residential	6,360	55	135	165	97.7%	0.6%	1.7%	85.0%	7.5%	7.5%	60.3	34	72	156	336
6005	Howsley Rd	East of SR70-99	Established	3,590	40	135	165	97.8%	0.6%	1.7%	85.0%	7.5%	7.5%	53.8	12	27	57	124
6006	State Route 70-99	North of W Catlett Rd	Established	43,730	63	120	180	92.4%	1.9%	5.7%	85.0%	7.5%	7.5%	71.9	196	422	908	1957
6007	State Route 70-99	North of Catlett Rd	Established	44,040	63	120	180	92.3%	1.9%	5.7%	85.0%	7.5%	7.5%	71.9	197	424	913	1967
6008	Catlett Rd	East of SR70-99	Established	760	40	135	165	96.5%	0.9%	2.6%	85.0%	7.5%	7.5%	47.5	5	10	22	47
6009	State Route 70	North of SR70-99 Y	Established	25,420	63	120	180	93.0%	1.8%	5.3%	85.0%	7.5%	7.5%	69.4	134	288	621	1338
6011	State Route 113/N East St	North of CR 18C	Established	3,060	55	135	165	95.7%	1.1%	3.2%	85.0%	7.5%	7.5%	57.6	22	48	104	224
6013	CR 102	North of CR 18C	Established	8,110	45	135	165	94.3%	1.4%	4.3%	85.0%	7.5%	7.5%	59.8	31	68	146	314
6014	State Route 16	West of CR 98	Established	12,320	45	135	165	98.6%	0.3%	1.0%	85.0%	7.5%	7.5%	60.3	33	72	155	334
6015	CR 102	South of I-5	Established	12,690	35	120	180	98.8%	0.3%	0.9%	85.0%	7.5%	7.5%	57.4	21	46	99	213
6016	CR102	North of CR 27	Established	8,430	45	135	165	98.9%	0.3%	0.9%	85.0%	7.5%	7.5%	58.5	26	55	119	256
6017	CR102	South of CR 29	Established	9,000	45	135	165	98.9%	0.3%	0.8%	85.0%	7.5%	7.5%	58.8	27	58	124	267
6018	Jefferson Blvd	North of Willow Point Rd	Established	4,600	55	135	165	90.1%	2.5%	7.4%	85.0%	7.5%	7.5%	60.6	35	76	165	354
6019	S River Rd	North of Babel Slough Rd	Established	1,140	30	135	165	97.8%	0.5%	1.6%	85.0%	7.5%	7.5%	45.6	4	8	16	35
6020	Rio Oso Rd	East of SR70	Established	1,540	45	135	165	97.0%	0.8%	2.3%	85.0%	7.5%	7.5%	51.8	9	20	42	91
6021	State Route 49	North of Bell Rd	Established	32,570	45	105	195	98.5%	0.4%	1.1%	85.0%	7.5%	7.5%	65.2	69	148	318	685
6022	State Route 49	South of Bell Rd	Established	41,450	45	105	195	98.2%	0.4%	1.3%	85.0%	7.5%	7.5%	66.3	82	176	379	816
6023	State Route 49	North of Luther Rd	Established	50,770	45	105	195	98.4%	0.4%	1.2%	85.0%	7.5%	7.5%	67.2	93	200	430	927
6024	Base line Rd	East of Pleasant grove Rd	Established	23,070	50	120	180	97.0%	0.8%	2.3%	85.0%	7.5%	7.5%	65.1	70	150	323	695
6025	Nicolaus Ave	East of SH 70	Established	2,520	40	135	165	97.9%	0.5%	1.6%	85.0%	7.5%	7.5%	52.2	10	21	45	97
6026	Pleasant Grove Rd	North of Nicolaus Ave	Established	1,600	45	135	165	97.5%	0.6%	1.8%	85.0%	7.5%	7.5%	51.8	9	20	42	91
6027	State Route 193	East of Sierra College Blvd	Developing	11,650	45	135	165	97.1%	0.7%	2.2%	85.0%	7.5%	7.5%	60.5	35	75	162	350
6029	Base line Rd	East of Watt Ave	Developing	28,510	50	120	180	98.4%	0.4%	1.2%	85.0%	7.5%	7.5%	65.6	75	161	346	745
6030	Riego Rd	East of Garden Hwy	Established	600	45	135	165	99.8%	0.0%	0.1%	85.0%	7.5%	7.5%	46.6	4	9	19	41
6031	Old Foresthill Rd	East of Coloma Rd	Established	710	25	135	165	99.6%	0.1%	0.3%	85.0%	7.5%	7.5%	40.2	2	3	7	15
6032	Coloma Rd	South of Old Foresthill Rd	Established	10,540	25	120	180	98.6%	0.4%	1.1%	85.0%	7.5%	7.5%	53.2	11	24	52	112
6033	Base line Rd	West of Foothills blvd	Established	33,140	35	120	180	99.6%	0.1%	0.3%	85.0%	7.5%	7.5%	61.1	37	81	174	374
6034	White Rock Rd	East of Prairie City Rd	Developing	15,250	45	120	180	94.8%	1.3%	3.9%	85.0%	7.5%	7.5%	62.7	48	103	222	477
6034	White Rock Rd	West of Scott Rd	Developing	15,250	45	120	180	94.8%	1.3%	3.9%	85.0%	7.5%	7.5%	62.7	48	103	222	477
6037	Grant Line Rd	South of Douglas Rd	Developing	18,780	55	135	165	94.8%	1.3%	3.9%	85.0%	7.5%	7.5%	65.7	78	167	360	777
6038	Scott Rd	North of Latrobe Rd	Rural Residential	1,060	40	135	165	99.9%	0.0%	0.1%	85.0%	7.5%	7.5%	47.5	5	10	22	47
6039	Grant Line Rd	East of Kiefer Blvd	Rural Residential	15,450	55	135	165	93.6%	1.6%	4.8%	85.0%	7.5%	7.5%	65.2	71	153	330	712

6040	Grant Line Rd	West of Sunrise Blvd	Rural Residential	21,780	45	135	165	93.0%	1.7%	5.2%	85.0%	7.5%	7.5%	64.5	64	137	296	637
6041	Grant Line Rd	East of East Stockton Rd	Established	36,440	40	120	180	91.0%	2.2%	6.7%	85.0%	7.5%	7.5%	66.2	82	177	380	820
6042	Grant Line Rd	East of SH 99	Established	44,410	35	105	195	92.4%	1.9%	5.7%	85.0%	7.5%	7.5%	65.8	76	163	351	756
6043	Grant Line Rd	North of Elk Grove Blvd	Developing	18,940	45	135	165	88.4%	2.9%	8.7%	85.0%	7.5%	7.5%	64.9	68	147	316	681
6044	Grant Line Rd	North of Wilton Rd	Rural Residential	20,330	40	135	165	93.3%	1.7%	5.0%	85.0%	7.5%	7.5%	62.8	49	107	229	494
6045	Grant Line Rd	North of Sheldon Rd	Rural Residential	18,320	40	135	165	91.8%	2.1%	6.2%	85.0%	7.5%	7.5%	62.8	49	106	228	492
6046	Grant Line Rd	North of Calvine Rd	Rural Residential	23,800	45	135	165	93.0%	1.8%	5.3%	85.0%	7.5%	7.5%	64.9	68	146	314	678
6047	Hood Franklin Rd	East of Corky Lane	Rural Residential	3,470	35	135	165	98.2%	0.4%	1.3%	85.0%	7.5%	7.5%	51.8	9	20	43	92
6048	Franklin Blvd	South of Hood Franklin Rd	Rural Residential	9,260	45	135	165	95.3%	1.2%	3.5%	85.0%	7.5%	7.5%	60.1	33	71	152	327
6049	Bruceville Rd	South of Bilby Rd	Established	6,170	35	120	180	98.9%	0.3%	0.8%	85.0%	7.5%	7.5%	54.2	13	28	60	130
6050	Bruceville Rd	South of Eschinger Rd	Rural Residential	810	35	135	165	99.5%	0.1%	0.4%	85.0%	7.5%	7.5%	44.8	3	7	14	31
6051	Dillard Rd	East of SH 99	Rural Residential	5,080	45	135	165	97.7%	0.6%	1.8%	85.0%	7.5%	7.5%	56.8	20	42	91	195
6052	Lambert Rd	East of Herzog Road	Rural Residential	470	45	135	165	95.8%	1.1%	3.2%	85.0%	7.5%	7.5%	47.0	4	9	20	44
6053	Twin Cities Rd	East of River Road	Rural Residential	7,410	45	135	165	88.9%	2.8%	8.3%	85.0%	7.5%	7.5%	60.7	36	77	166	359
6054	Franklin Blvd	North of Twin Cities Rd	Rural Residential	3,280	45	135	165	91.5%	2.1%	6.4%	85.0%	7.5%	7.5%	56.6	19	41	89	191
6055	State Route 160 / River Rd	West of Walnut Grove - Thorn	Rural Residential	6,670	45	135	165	88.1%	3.0%	8.9%	85.0%	7.5%	7.5%	60.4	34	74	159	343
6056	Foresthill Rd	0 Auburn-Foresthill Bridge	Established	1,370	45	135	165	99.7%	0.1%	0.2%	85.0%	7.5%	7.5%	50.3	7	16	34	72
6057	State Route 160 / River Rd	North of SH 12	Established	7,940	40	135	165	86.9%	3.3%	9.8%	85.0%	7.5%	7.5%	60.2	33	72	155	334
6058	Riego Rd	East of SH 99	Developing	20,740	50	120	180	96.3%	0.9%	2.8%	85.0%	7.5%	7.5%	64.9	67	144	310	668
6063	CR 27	East of SH 505	Established	1,050	45	135	165	99.3%	0.2%	0.5%	85.0%	7.5%	7.5%	49.3	6	13	29	62
6067	State Route 16	West of CR 85	Established	1,730	50	135	165	98.5%	0.4%	1.1%	85.0%	7.5%	7.5%	53.1	11	24	52	112
6068	State Route 113/Locust St	East of CR 102	Established	10,410	55	135	165	91.0%	2.3%	6.8%	85.0%	7.5%	7.5%	64.0	60	128	276	595
6071	CR 13	East of I-5	Established	1,840	45	135	165	77.2%	5.7%	17.1%	85.0%	7.5%	7.5%	56.6	19	41	88	190
6072	CR 27	West of SH 505	Established	990	45	135	165	98.1%	0.5%	1.4%	85.0%	7.5%	7.5%	49.5	6	14	30	64
6073	CR 16A	West of SH 113	Established	300	45	135	165	96.3%	0.9%	2.8%	85.0%	7.5%	7.5%	44.9	3	7	15	32
6074	State Route 113	North of SH 45	Established	8,350	55	135	165	90.3%	2.4%	7.2%	85.0%	7.5%	7.5%	63.2	52	113	243	524
6076	Riego Rd	West of SR70-99	Developing	1,320	40	135	165	99.5%	0.1%	0.3%	85.0%	7.5%	7.5%	48.6	6	12	26	56
6078	State Route 49/Coloma Rd	North of Lotus Rd	Rural Residential	5,660	45	135	165	97.9%	0.5%	1.5%	85.0%	7.5%	7.5%	57.1	21	45	96	207
6079	Lotus Rd	North of Green Valley Rd	Rural Residential	9,330	45	135	165	99.2%	0.2%	0.6%	85.0%	7.5%	7.5%	58.8	27	58	124	268
6080	Cold Springs Rd	North of Placerville Dr	Corridor	4,370	35	135	165	99.6%	0.1%	0.3%	85.0%	7.5%	7.5%	52.1	9	20	44	95
6081	State Route 193 / Georgetow	North of Coloma St	Established	740	35	135	165	99.8%	0.1%	0.2%	85.0%	7.5%	7.5%	44.2	3	6	13	29
6082	State Route 49/Coloma Rd	North of Baker Rd	Established	2,610	35	135	165	98.5%	0.4%	1.1%	85.0%	7.5%	7.5%	50.4	7	16	34	74
6083	Carson Rd	East of Schnell School Rd	Established	3,800	35	135	165	99.0%	0.3%	0.8%	85.0%	7.5%	7.5%	51.8	9	20	43	92
6084	Cedar Ravine Rd	North of Pleasant Valley Rd	Rural Residential	560	35	135	165	99.4%	0.1%	0.4%	85.0%	7.5%	7.5%	43.2	2	5	11	25
6086	Big Cut Rd	North of Pleasant Valley Rd	Established	1,750	25	135	165	99.6%	0.1%	0.3%	85.0%	7.5%	7.5%	44.0	3	6	13	28
6087	State Route 193	North of Taylor Rd	Rural Residential	9,300	35	135	165	96.0%	1.0%	3.0%	85.0%	7.5%	7.5%	57.1	21	45	96	207
6090	S Beale Rd	East of SH 65	Developing	2,000	45	135	165	94.9%	1.3%	3.8%	85.0%	7.5%	7.5%	53.6	12	26	56	120
6091	Ramirez Rd	East of SH 70	Rural Residential	560	45	135	165	97.5%	0.6%	1.9%	85.0%	7.5%	7.5%	47.2	5	10	21	45
6092	N. Township Rd	South of SH 20	Established	2,110	50	135	165	98.9%	0.3%	0.8%	85.0%	7.5%	7.5%	53.9	13	27	58	125
6093	State Route 70	North of Surrey Way	Rural Residential	16,340	55	120	180	92.7%	1.8%	5.5%	85.0%	7.5%	7.5%	65.9	78	168	362	780
6094	40 Mile Rd	South of SH 65	Developing	4,770	40	120	180	98.3%	0.4%	1.3%	85.0%	7.5%	7.5%	55.0	15	32	68	148
6095	Bogue Rd	West of SH 99	Established	6,100	30	135	165	99.9%	0.0%	0.1%	85.0%	7.5%	7.5%	51.3	8	18	39	85
6096	S George Washington Blvd	South of Oswald Rd	Established	3,110	45	135	165	92.9%	1.8%	5.3%	85.0%	7.5%	7.5%	56.0	18	38	81	175
6097	McGowan Pkwy	East of SH 70	Established	9,240	50	135	165	98.8%	0.3%	0.9%	85.0%	7.5%	7.5%	60.3	34	73	157	338
6099	Encinal Rd	West of SH 99/Live Oak Blvd	Established	630	45	135	165	98.9%	0.3%	0.8%	85.0%	7.5%	7.5%	47.2	5	10	21	45
6100	S Township Rd	South of Oswald Rd	Established	570	45	135	165	97.0%	0.7%	2.2%	85.0%	7.5%	7.5%	47.5	5	10	22	47
6101	Township Rd	South of Lincoln Rd	Established	520	45	135	165	97.1%	0.7%	2.2%	85.0%	7.5%	7.5%	47.0	4	9	20	44
6102	S George Washington Blvd	South of Lincoln Rd	Established	3,320	45	135	165	93.9%	1.5%	4.6%	85.0%	7.5%	7.5%	56.1	18	38	82	176
6103	Oswald Rd	West of SH 99	Established	1,080	50	135	165	98.7%	0.3%	1.0%	85.0%	7.5%	7.5%	51.0	8	17	38	81
6104	Barry Rd	West of SH 99	Established	1,270	50	135	165	94.3%	1.4%	4.2%	85.0%	7.5%	7.5%	53.0	11	24	51	110
6106	Stewart Rd	West of SH 99	Established	320	50	135	165	99.7%	0.1%	0.2%	85.0%	7.5%	7.5%	45.4	3	7	16	34
6107	N George Washington Blvd	South of SH 20 / Colusa Hwy	Established	8,360	45	135	165	96.7%	0.8%	2.5%	85.0%	7.5%	7.5%	59.2	29	62	133	286
6108	State Route 113 /Tudor Rd	West of SH 99	Established	1,830	55	135	165	94.3%	1.4%	4.3%	85.0%	7.5%	7.5%	55.8	17	36	78	168
6110	Plumas-Arboga Rd	East of SR70	Rural Residential	3,780	45	135	165	96.7%	0.8%	2.5%	85.0%	7.5%	7.5%	55.8	17	36	78	169
6111	Ostrum Rd	East of SH 65	Developing	940	45	135	165	98.9%	0.3%	0.8%	85.0%	7.5%	7.5%	49.0	6	13	27	59
6506	Hwy 65	North of Forty Mile Rd.	Developing	23,520	63	120	180	96.4%	0.9%	2.7%	85.0%	7.5%	7.5%	68.3	113	244	525	1132
6116	Obanion Rd	West of SH 99	Established	2,070	50	135	165	88.2%	3.0%	8.9%	85.0%	7.5%	7.5%	56.5	19	40	87	187
6117	Eager Rd	West of SH 99	Established	900	50	135	165	99.4%	0.1%	0.4%	85.0%	7.5%	7.5%	50.0	7	15	32	69
6118	Woodruff Ln	East of SH 70	Rural Residential	6,280	45	135	165	95.2%	1.2%	3.6%	85.0%	7.5%	7.5%	58.5	25	55	118	254
6505	State Route 65	South of SH 70	Rural Residential	25,650	63	120	180	96.3%	0.9%	2.8%	85.0%	7.5%	7.5%	68.7	121	260	560	1207
6122	Reclamation Road	North of State Route 113	Established	1,940	45	135	165	97.7%	0.6%	1.7%	85.0%	7.5%	7.5%	52.6	10	22	48	103
6123	Reclamation Road	South of State Route 20	Established	870	45	135	165	99.0%	0.2%	0.7%	85.0%	7.5%	7.5%	48.6	6	12	26	56

6501	State Route 65	North of I-80	Established	160,720	21	75	225	97.5%	0.6%	1.9%	85.0%	7.5%	7.5%	67.0	82	176	380	818
2002	State Route 20 / Feather River	East of Sutter Street	Established	42,620	40	105	195	96.9%	0.8%	2.3%	85.0%	7.5%	7.5%	65.5	72	155	333	718
7012	State Route 70	at Yuba-Butte CL	Rural Residential	15,970	55	120	180	92.5%	1.9%	5.6%	85.0%	7.5%	7.5%	65.8	77	167	359	773
7111	I-5	North of J Street	Corridor	151,050	59	30	270	91.2%	2.2%	6.6%	85.0%	7.5%	7.5%	84.0	769	1657	3570	7691
7029	I-5	North of County Road 102	Established	59,260	65	120	180	86.4%	3.4%	10.2%	85.0%	7.5%	7.5%	74.6	296	639	1376	2965
7030	I-5	North of East Main Street	Established	38,160	65	120	180	76.8%	5.8%	17.4%	85.0%	7.5%	7.5%	73.9	268	578	1245	2682
530	I-5	South of I-505	Established	31,100	70	120	180	72.9%	6.8%	20.3%	85.0%	7.5%	7.5%	74.3	283	611	1315	2834
7032	State Route 16	West of Sunrise Boulevard	Rural Residential	15,610	45	135	165	95.9%	1.0%	3.1%	85.0%	7.5%	7.5%	62.2	45	97	210	452
8257	State Route 16	East of Sunrise Boulevard	Established	34,510	47	120	180	97.5%	0.6%	1.9%	85.0%	7.5%	7.5%	65.9	79	169	365	785
7036	State Route 20	West of Humphrey Rd	Established	11,310	50	135	165	89.9%	2.5%	7.5%	85.0%	7.5%	7.5%	63.5	55	118	255	549
7037	SR-20	East of B Street	Established	16,780	40	120	180	99.3%	0.2%	0.5%	85.0%	7.5%	7.5%	60.0	32	68	147	318
7038	State Route 20	South of Woodruff Ln	Rural Residential	11,340	45	135	165	99.7%	0.1%	0.3%	85.0%	7.5%	7.5%	59.5	30	64	138	297
7039	State Route 49 / Placer - Neva	North of Lone Star Road	Rural Residential	29,910	50	120	180	98.7%	0.3%	1.0%	85.0%	7.5%	7.5%	65.7	76	163	352	758
7040	State Route 49	West of Borland Ave	Established	9,610	20	135	165	99.3%	0.2%	0.5%	85.0%	7.5%	7.5%	49.9	7	15	32	69
7041	State Route 49	East of Borland Ave	Established	16,440	30	135	165	99.3%	0.2%	0.5%	85.0%	7.5%	7.5%	56.1	18	38	82	177
6503	Hwy 65	North of Sunset Blvd	Established	76,390	21	105	195	98.1%	0.5%	1.4%	85.0%	7.5%	7.5%	61.6	40	85	184	395
7057	B St	South of Hwy 20	Corridor	41,330	40	120	180	96.8%	0.8%	2.4%	85.0%	7.5%	7.5%	65.0	68	147	316	681
8037	I-80	North of Crother Rd	Rural Residential	98,600	58	90	210	84.8%	3.8%	11.4%	85.0%	7.5%	7.5%	76.8	389	838	1805	3889
8030	I-80	West of Richards Blvd	Corridor	150,040	32	90	210	94.6%	1.3%	4.0%	85.0%	7.5%	7.5%	70.2	142	307	661	1423
8039	I-80	East and West of Placer Hills	Rural Residential	51,310	58	120	180	86.6%	3.4%	10.1%	85.0%	7.5%	7.5%	72.6	219	472	1017	2190
5110	I-80	West of Moody Ridge Rd	Rural Residential	35,950	58	120	180	77.4%	5.6%	16.9%	85.0%	7.5%	7.5%	72.3	210	452	974	2098
7070	Twin Cities Rd	West of Alta Mesa Rd	Rural Residential	4,780	45	135	165	98.3%	0.4%	1.3%	85.0%	7.5%	7.5%	56.3	18	39	84	181
7071	SR 99	North of Twin Cities Rd	Corridor	111,440	63	90	210	86.7%	3.3%	10.0%	85.0%	7.5%	7.5%	78.0	467	1006	2167	4668
7075	SR-99	East of SR-70	Established	23,110	55	120	180	91.1%	2.2%	6.7%	85.0%	7.5%	7.5%	67.7	103	222	479	1033
7076	State Route 99	at Feather River Crossing	Established	17,590	50	120	180	91.1%	2.2%	6.7%	85.0%	7.5%	7.5%	65.4	73	157	338	727
7077	State Route 99	South of Garden Highway	Established	14,420	45	135	165	91.1%	2.2%	6.7%	85.0%	7.5%	7.5%	63.1	52	112	241	519
7078	State Route 99	North of SR113	Established	45,450	50	90	210	91.1%	2.2%	6.7%	85.0%	7.5%	7.5%	70.6	151	325	700	1508
7080	State Route 99	South of Barry Ave	Established	21,240	45	120	180	90.8%	2.3%	6.9%	85.0%	7.5%	7.5%	65.1	70	150	323	696
7081	State Route 99	North of Barry Ave	Established	22,220	45	120	180	88.7%	2.8%	8.5%	85.0%	7.5%	7.5%	65.8	77	166	357	768
7082	State Route 99	North of Bridge Street	Corridor	35,610	40	120	180	96.3%	0.9%	2.8%	85.0%	7.5%	7.5%	64.5	64	137	295	636
7083	State Route 99/Live Oak Blvd	North of Encinal Rd	Established	22,650	50	135	165	94.8%	1.3%	3.9%	85.0%	7.5%	7.5%	65.4	74	159	342	737
7084	Hwy 113	North of Reclamation rd	Established	6,150	55	135	165	89.5%	2.6%	7.8%	85.0%	7.5%	7.5%	62.0	44	94	203	438
7086	Hwy 113	North of County Road 18B	Established	2,960	55	135	165	95.7%	1.1%	3.2%	85.0%	7.5%	7.5%	57.5	22	47	102	219
7088	State Route 128	West of County Road 86	Established	1,410	50	135	165	100.0%	0.0%	0.0%	85.0%	7.5%	7.5%	51.7	9	19	42	90
7089	State Route 128	East of County Road 86	Established	2,880	45	135	165	99.6%	0.1%	0.3%	85.0%	7.5%	7.5%	53.6	12	26	55	120
7090	State Route 128	West of I-505	Corridor	17,620	40	135	165	98.5%	0.4%	1.1%	85.0%	7.5%	7.5%	60.4	34	73	158	340
7091	River Rd.	North of Lambert Rd	Rural Residential	3,370	45	135	165	98.0%	0.5%	1.5%	85.0%	7.5%	7.5%	54.9	15	32	68	146
7092	Hwy 160	North of Poverty Rd	Rural Residential	5,070	45	135	165	87.3%	3.2%	9.5%	85.0%	7.5%	7.5%	59.4	29	63	136	292
7106	US 50	East of Sly Park Road	Rural Residential	11,160	58	120	180	96.2%	1.0%	2.9%	85.0%	7.5%	7.5%	64.1	59	127	274	591
9909	State Route 99	South of Kammerer Road	Established	100,190	32	120	180	88.0%	3.0%	9.0%	85.0%	7.5%	7.5%	69.5	136	292	629	1355
9908	State Route 99	South of Dillard Road	Rural Residential	98,140	32	120	180	87.8%	3.0%	9.1%	85.0%	7.5%	7.5%	69.4	134	290	624	1345
531	I-5	North of I-505 South	Established	46,720	70	120	180	72.0%	7.0%	21.0%	85.0%	7.5%	7.5%	76.1	377	812	1749	3769
7110	I-5	North of SR 113 Or East Street	Established	47,180	70	120	180	79.2%	5.2%	15.6%	85.0%	7.5%	7.5%	75.4	337	726	1564	3369
7504	State Route 20	at Yuba/Nevada CL	Rural Residential	26,900	58	120	180	76.1%	6.0%	17.9%	85.0%	7.5%	7.5%	71.2	177	381	821	1769
7509	State Route 16	West of Ione Road	Rural Residential	9,850	55	135	165	90.5%	2.4%	7.1%	85.0%	7.5%	7.5%	63.9	58	125	270	582
7510	State Route 49	El Dorado/Amador CL n/a	Rural Residential	700	45	143	157.5	95.9%	1.0%	3.1%	85.0%	7.5%	7.5%	48.7	6	12	26	57
8047	I-80	East of I-505	Established	156,690	63	105	195	95.8%	1.1%	3.2%	85.0%	7.5%	7.5%	77.1	427	919	1980	4267
8001	I-80	West of SR-65	Established	93,210	50	60	240	95.0%	1.3%	3.8%	85.0%	7.5%	7.5%	74.9	254	547	1178	2538
8002	I-80	East of Douglas Blvd	Established	205,110	42	68	232.5	95.3%	1.2%	3.5%	85.0%	7.5%	7.5%	75.5	293	630	1358	2926
8003	I-80	West of Douglas Blvd	Established	227,170	42	68	232.5	95.3%	1.2%	3.5%	85.0%	7.5%	7.5%	76.0	313	674	1453	3130
8004	I-80 at Sacramento / Placer CL	North/East of Antelope Road	Established	230,700	63	75	225	95.0%	1.2%	3.7%	85.0%	7.5%	7.5%	80.5	649	1397	3011	6486
8005	I-80	East of Greenback Lane	Established	212,050	63	75	225	94.9%	1.3%	3.8%	85.0%	7.5%	7.5%	80.1	615	1326	2857	6154
8006	I-80	East of Winters Street	Corridor	152,090	63	90	210	95.3%	1.2%	3.6%	85.0%	7.5%	7.5%	77.7	451	971	2092	4508
8007	I-80	East of Raley Blvd	Established	146,140	63	90	210	95.0%	1.3%	3.8%	85.0%	7.5%	7.5%	77.6	444	956	2059	4435
8008	I-80	East of Norwood Avenue	Established	152,380	63	90	210	94.9%	1.3%	3.8%	85.0%	7.5%	7.5%	77.8	457	984	2120	4567
8009	I-80	East of I-5	Corridor	167,270	61	75	225	94.5%	1.4%	4.1%	85.0%	7.5%	7.5%	78.8	500	1078	2322	5002
8010	I-80	West of I-5	Established	110,660	63	90	210	94.1%	1.5%	4.4%	85.0%	7.5%	7.5%	76.6	379	816	1759	3790
8011	I-80	at Sacramento River Crossing	Established	109,840	32	90	210	94.8%	1.3%	3.9%	85.0%	7.5%	7.5%	68.8	114	246	530	1141
8012	I-80	at Yolo Causeway	Established	190,130	33	90	210	95.9%	1.0%	3.1%	85.0%	7.5%	7.5%	71.0	161	346	746	1607
8014	'H' Street	East of 39th Street	Established	17,260	30	135	165	99.7%	0.1%	0.2%	85.0%	7.5%	7.5%	56.0	17	38	81	175
8015	'J' Street	East of 39th Street	Established	19,630	30	135	165	99.4%	0.2%	0.5%	85.0%	7.5%	7.5%	56.9	20	43	92	199
8016	Folsom Boulevard	East of 39th Street	Corridor	16,990	35	120	180	99.4%	0.2%	0.5%	85.0%	7.5%	7.5%	58.4	25	53	114	246

8017	Raley Boulevard	South of Main Street	Established	17,870	45	135	165	98.1%	0.5%	1.4%	85.0%	7.5%	7.5%	62.1	44	95	205	442
8018	Elkhorn Boulevard	East of SR 99	Established	23,520	40	105	195	98.2%	0.4%	1.3%	85.0%	7.5%	7.5%	62.4	45	96	208	447
8019	Del Paso Road	East of I-5	Corridor	44,150	45	105	195	98.2%	0.4%	1.3%	85.0%	7.5%	7.5%	66.6	85	184	396	853
8020	Arena Boulevard	East of I-5	Established	24,820	35	90	210	98.5%	0.4%	1.1%	85.0%	7.5%	7.5%	61.5	38	81	174	375
8021	W. El Camino Avenue	East of I-5	Corridor	39,940	35	113	187.5	99.2%	0.2%	0.6%	85.0%	7.5%	7.5%	62.3	45	97	208	449
8022	65th Street	South of US-50	Corridor	66,900	30	113	187.5	99.4%	0.2%	0.5%	85.0%	7.5%	7.5%	62.6	47	101	217	467
8023	Florin Road	East of I-5	Established	47,000	30	120	180	99.7%	0.1%	0.2%	85.0%	7.5%	7.5%	60.6	35	75	162	348
8025	Florin Road	West of SR 99	Corridor	67,650	40	105	195	99.6%	0.1%	0.3%	85.0%	7.5%	7.5%	66.4	82	177	382	822
8027	Florin Road	East of SR 99	Corridor	44,170	40	105	195	99.3%	0.2%	0.5%	85.0%	7.5%	7.5%	64.6	63	136	292	629
8029	Cosumnes River Boulevard	West of SR 99	Corridor	50,690	40	105	195	99.4%	0.2%	0.5%	85.0%	7.5%	7.5%	65.2	69	148	319	687
8031	Coloma Road	North of Folsom Boulevard	Corridor	19,630	40	120	180	99.4%	0.2%	0.5%	85.0%	7.5%	7.5%	60.7	35	76	163	352
8032	Folsom Boulevard	West of Coloma Road	Corridor	28,130	35	120	180	99.5%	0.1%	0.4%	85.0%	7.5%	7.5%	60.5	34	73	158	340
8033	Coloma Road	West of Sunrise Boulevard	Established	22,350	40	120	180	99.5%	0.1%	0.4%	85.0%	7.5%	7.5%	61.2	38	82	177	381
8034	Zinfandel Drive	South of Folsom Boulevard	Corridor	32,550	20	120	180	99.3%	0.2%	0.5%	85.0%	7.5%	7.5%	55.5	16	34	74	159
8035	Mather Field Road	South of Folsom Boulevard	Corridor	22,790	25	120	180	99.5%	0.1%	0.4%	85.0%	7.5%	7.5%	55.6	16	35	75	161
8036	Sunrise Boulevard	South of Folsom Boulevard	Corridor	62,150	45	105	195	98.7%	0.3%	1.0%	85.0%	7.5%	7.5%	67.9	104	225	484	1043
8037	Routier Road	at US-50 Overcrossing	Corridor	15,100	40	135	165	99.4%	0.1%	0.4%	85.0%	7.5%	7.5%	59.3	29	62	133	287
8038	5th Street	West of 'G' Street	Established	23,150	30	120	180	98.8%	0.3%	0.9%	85.0%	7.5%	7.5%	58.2	24	52	112	242
8039	Bridge Street	East of SR 99	Established	25,990	35	120	180	99.3%	0.2%	0.5%	85.0%	7.5%	7.5%	60.2	33	70	152	327
8040	Franklin Road	East of SR 99	Established	18,830	35	120	180	99.6%	0.1%	0.3%	85.0%	7.5%	7.5%	58.7	26	56	120	258
8041	Lincoln Road	East of SR 99	Established	13,770	30	135	165	99.5%	0.1%	0.4%	85.0%	7.5%	7.5%	55.2	15	33	72	155
8042	2nd Street	South of Bridge Street	Corridor	13,380	30	135	165	97.8%	0.5%	1.6%	85.0%	7.5%	7.5%	56.3	18	39	84	181
8043	Nicolaus Road	East of Joiner Parkway	Established	10,060	40	120	180	99.1%	0.2%	0.7%	85.0%	7.5%	7.5%	57.9	23	50	107	230
8044	Ferrari Ranch Road	East of SR 65	Corridor	13,920	40	120	180	99.6%	0.1%	0.3%	85.0%	7.5%	7.5%	59.1	27	59	127	274
8045	Twelve Bridges Drive	East of SR 65	Corridor	29,720	40	120	180	98.9%	0.3%	0.8%	85.0%	7.5%	7.5%	62.7	48	103	222	479
8046	East Lincoln Parkway	East of Sterling Parkway	Corridor	9,940	40	120	180	99.8%	0.0%	0.1%	85.0%	7.5%	7.5%	57.5	22	46	100	216
8047	East Avenue	North of State Route 193	Established	11,030	35	135	165	99.0%	0.2%	0.7%	85.0%	7.5%	7.5%	56.4	19	40	86	186
8048	Freeport Boulevard	South of Fruitridge Boulevard	Established	22,710	30	120	180	97.7%	0.6%	1.7%	85.0%	7.5%	7.5%	58.9	27	57	123	266
8049	South Land Park	South of Fruitridge Boulevard	Established	9,210	30	135	165	99.8%	0.0%	0.1%	85.0%	7.5%	7.5%	53.2	11	24	52	113
8050	24th Street	South of Fruitridge Boulevard	Corridor	19,010	30	120	180	99.7%	0.1%	0.3%	85.0%	7.5%	7.5%	56.7	19	41	89	191
8051	Freeport	South of Florin Road	Established	13,500	45	120	180	95.5%	1.1%	3.4%	85.0%	7.5%	7.5%	62.0	43	92	198	428
8052	24th Street	South of Florin Road	Corridor	15,550	30	120	180	99.2%	0.2%	0.6%	85.0%	7.5%	7.5%	56.2	18	38	82	177
8053	Franklin Boulevard	South of Fruitridge Boulevard	Corridor	18,650	40	135	165	99.0%	0.2%	0.7%	85.0%	7.5%	7.5%	60.4	34	73	158	340
8054	Franklin Boulevard	South of Florin Road	Corridor	24,220	40	120	180	99.6%	0.1%	0.3%	85.0%	7.5%	7.5%	61.5	40	86	185	398
8055	Truxel Road	North of Garden Highway	Corridor	21,040	35	120	180	99.6%	0.1%	0.3%	85.0%	7.5%	7.5%	59.2	28	60	129	278
8056	Northgate Boulevard	North of Garden Highway	Corridor	30,730	30	120	180	99.3%	0.2%	0.5%	85.0%	7.5%	7.5%	59.1	28	59	128	276
8057	Truxel Road	South of Del Paso Road	Corridor	21,080	35	90	210	99.6%	0.1%	0.3%	85.0%	7.5%	7.5%	60.2	31	66	142	305
8058	Northgate Boulevard	South of Del Paso Road	Established	25,630	35	120	180	99.5%	0.1%	0.4%	85.0%	7.5%	7.5%	60.1	32	69	148	319
8059	El Centro Road	South of Del Paso Road	Established	8,770	40	120	180	99.6%	0.1%	0.3%	85.0%	7.5%	7.5%	57.1	20	43	94	202
8060	El Centro Road	South of San Juan Road	Established	15,450	40	135	165	99.6%	0.1%	0.3%	85.0%	7.5%	7.5%	59.3	29	62	133	288
9901	SR-99	South of Sheldon Rd	Established	161,510	50	98	202.5	93.0%	1.8%	5.3%	85.0%	7.5%	7.5%	75.3	319	687	1480	3189
9902	SR-99	North of Sheldon Rd	Established	172,200	42	90	210	93.9%	1.5%	4.6%	85.0%	7.5%	7.5%	73.8	245	528	1137	2449
9903	SR-99	South of Stockton/Bruceville	Corridor	174,090	52	90	210	94.6%	1.3%	4.0%	85.0%	7.5%	7.5%	76.1	350	754	1624	3499
9904	State Route 99	North of Florin Road	Corridor	225,540	42	83	217.5	95.2%	1.2%	3.6%	85.0%	7.5%	7.5%	74.9	286	616	1328	2860
9905	SR-99	South of Fruitridge Blvd	Corridor	221,670	63	83	217.5	95.6%	1.1%	3.3%	85.0%	7.5%	7.5%	79.7	594	1279	2756	5938
9906	SR-99	North of Fruitridge Blvd	Corridor	258,370	61	75	225	96.0%	1.0%	3.0%	85.0%	7.5%	7.5%	80.3	636	1370	2951	6358
9907	State Route 99	South of US50	Established	267,190	59	75	225	96.3%	0.9%	2.8%	85.0%	7.5%	7.5%	80.0	602	1296	2792	6016
9908	State Route 70-99	South of Elverta Rd	Rural Residential	98,140	32	120	180	87.8%	3.0%	9.1%	85.0%	7.5%	7.5%	69.4	134	290	624	1345
9909	State Route 99	North of or South of Elverta R	Established	100,190	32	120	180	88.0%	3.0%	9.0%	85.0%	7.5%	7.5%	69.5	136	292	629	1355
11301	State Route 113	South of Main Street	Established	30,470	60	120	180	96.4%	0.9%	2.7%	85.0%	7.5%	7.5%	68.8	122	263	567	1221
11302	State Route 113	South of County Road 27	Established	28,320	60	120	180	98.1%	0.5%	1.4%	85.0%	7.5%	7.5%	68.0	109	234	505	1088
11303	State Route 113	South of Russell Blvd	Corridor	45,250	63	120	180	98.1%	0.5%	1.4%	85.0%	7.5%	7.5%	70.7	165	354	764	1645
50501	I-505	South of I-5	Established	18,210	70	120	180	69.6%	7.6%	22.8%	85.0%	7.5%	7.5%	72.3	209	449	968	2085
50502	I-505	South of W Main St/Hwy 16	Established	27,670	70	120	180	79.5%	5.1%	15.4%	85.0%	7.5%	7.5%	73.1	235	506	1090	2348
50503	I-505	South of County Road 27	Established	29,180	70	120	180	81.3%	4.7%	14.0%	85.0%	7.5%	7.5%	73.1	235	507	1093	2355
*All modeling	#REF!	#REF!	#REF!															

Traffic Noise Spreadsheet Calculator

ID	Roadway Name	From	To	Existing Noise Levels	Existing + Project 2040
2571	HOOD FRANKLIN RD	West of FRANKLIN BL	Rural Residential	56.2	59.7
2677	WHITE ROCK RD	West of GRANT LINE RD	Rural Residential	56.8	62.8

			2	3	4	5+	Truck total	med tota	heav tota	med %	heavy %
5	SAC	16.147	3101	487	219	9536	13343	3101	10242	0.232407	0.767593
5	SAC	22.565	3326	804	327	9174	13631	3326	10305	0.244003	0.755997
80	PLA	33.131	1351	183	70	3267	4871	1351	3520	0.277356	0.722644

Thresholds of Significance

	Max. CNEL	Increase
Center and Corridor Communities	75	1.5
Established Communities	65	3
Developing Communities	60	3
Rural Residential Communities	55	3
Lands Not Identified for Development	50	3

SACOG 2020 MTP/SCS EIR Traffic Volumes for Noise Analysis

UNIQID	Roadway	Cross Street	Comm. Type	In HFTA?
501	I-5	North of Elk Grove Blvd	Rural Residential	0
502	I-5	North of Laguna Blvd	Rural Residential	0
503	I-5	North of Florin Road	Established	0
504	I-5	South of Florin Road	Established	0
505	I-5	South of US50	Established	1
506	I-5 / American River Crossing	at American River	Corridor	0
507	I-5	South of I-80	Established	0
508	I-5	North of I-80	Established	0
509	I-5	South of Del Paso Road	Established	0
510	I-5	South of State Route 70/99	Established	0
511	I-5	East of Airport Boulevard	Rural Residential	0
512	I-5	East of Old River Road	Established	0
513	I-5	at Sacramento River Crossing	Established	0
1501	Richards Boulevard	East of 5th Street	Corridor	1
1503	N. 12th Street	North of Richards Boulevard	Corridor	0
1504	N. 16th Street	North of Richards Boulevard	Corridor	0
1505	I Street	East of 5th Street	Corridor	1
1506	5th Street	North of J Street	Corridor	1
1509	Capitol Mall	East of 1st Street	Corridor	1
1510	P Street	East of 3rd Street	Corridor	1
1511	Q Street	East of 3rd Street	Corridor	1
1521	P Street	West of 26th Street	Corridor	1
1522	L Street	West of 29th Street	Corridor	1
1524	Freeport Boulevard	South of Broadway	Corridor	1
1525	South Land Park	South of Broadway	Corridor	1
1526	Riverside Boulevard	South of Broadway	Corridor	1
2001	Fiddyment Rd	North of Athens Ave	Rural Residential	0
2002	Industrial Ave	North of Athens Ave	Established	0
2004	Sierra College Blvd	South of English Colony Way	Rural Residential	0
2008	Roseville Rd	South of Cirby Way	Established	0
2010	Sunrise Boulevard	South of Twin Oaks Ave	Established	0
2011	Old Auburn Rd	South of Lund Dr	Established	0
2013	Ferrari Ranch Rd	West of SR 65	Corridor	0
2014	Joiner Parkway	East of Overpass over SR 65	Corridor	0
2016	Twelve Bridges Drive	East of Industrial Ave	Established	0
2017	Sunset Blvd	West of SR 65	Established	0
2018	Blue Oaks Blvd	West of SR 65	Established	0
2019	Washington Blvd	South of Blue Oaks Blvd	Established	0
2020	Pleasant Grove Blvd	West of SR 65	Established	0
2021	Galleria Blvd	South of SR 65	Established	0
2023	SR-193	West of Ferrari Ranch Rd	Established	0
2024	Sierra College Blvd	north of Secret Ravine Pkwy	Established	0
2027	Sunset Blvd	East of SR 65	Established	0
2028	Blue Oaks Blvd	East of SR 65	Established	0
2029	Pleasant Grove Blvd	East of SR 65	Established	0
2030	Stanford Ranch Rd	North of SR 65	Established	0
2031	Moore Rd	East of Fiddyment Rd	Developing	0
2032	PFE Rd	East of Walerga Rd	Established	0

SACOG 2020 MTP/SCS EIR Traffic Volumes for Noise Analysis

UNIQID	Roadway	Cross Street	Comm. Type	In HFTA?	
2033	Athens Ave	East of Fiddyment Rd	Developing		0
2035	Blue Oaks Blvd	East of Fiddyment Rd	Established		0
2037	Pleasant Grove Blvd	East of Fiddyment Rd	Established		0
2041	SR-193	West of Sierra College Blvd	Established		0
2042	Twelve Bridges Drive	West of Sierra College Blvd	Established		0
2043	Secret Ravine Pkwy	West of Sierra College Blvd	Established		0
2045	Douglas Blvd	West of Sierra College Blvd	Established		0
2046	Eureka Rd	West of Sierra College Blvd	Established		0
2047	Roseville Pkwy	West of Sierra College Blvd	Established		0
2048	Old Auburn Rd	West of Sierra College Blvd	Established		0
2049	Fiddyment Rd	West of Pleasant Grove Blvd	Established		0
2050	Woodcreek Oaks Blvd	South of Pleasant Grove Blvd	Established		0
2052	Foothills Blvd	South of Pleasant Grove Blvd	Established		0
2053	Washington Blvd	South of Pleasant Grove Blvd	Established		0
2054	Roseville Pkwy	East of Pleasant Grove Blvd	Established		0
2055	Fairway Dr	East of Pleasant Grove Blvd	Established		0
2056	Blue Oaks Blvd	West of Foothills Blvd	Established		0
2057	Pleasant Grove Blvd	West of Foothills Blvd	Established		0
2058	Junction Blvd	West of Foothills Blvd	Established		0
2060	Blue Oaks Blvd	West of Fiddyment Rd	Established		0
2064	Fiddyment Rd	North of Baseline Rd	Established		0
2066	Woodcreek Oaks Blvd	North of Baseline Rd	Established		0
2067	Foothills Blvd	North of Baseline Rd	Established		0
2068	Washington Blvd	North of Main Street	Corridor		1
2069	Fiddyment Rd	South of Blue Oaks Blvd	Established		0
2072	Woodcreek Oaks Blvd	South of Blue Oaks Blvd	Established		0
2073	Foothills Blvd	South of Blue Oaks Blvd	Established		0
2074	Industrial Ave	South of Blue Oaks Blvd	Established		0
2075	Fiddyment Rd	South of W. Sunset Blvd	Developing		0
2076	Industrial Ave	South of Sunset Blvd	Established		0
2077	Roseville Pkwy	West of Taylor Rd	Established		0
2078	Foothills Blvd	South of Vineyard Rd	Established		0
2079	Washington Blvd	North of Atlantic St	Corridor		1
2081	Riverside Ave	South of Cirby Way	Established		0
2084	Baseline Rd	West of Watt Ave	Developing		0
2085	Lincoln Pkwy	North of Moore Rd	Established		0
2086	Nelson Ln	North of Moore Rd	Developing		0
2087	Athens Ave	West of Industrial Ave	Established		0
2101	Barkley Rd	North of Carson Rd	Rural Residential		0
2102	Bass Lake Rd	North of Country Club Dr	Developing		0
2103	Bass Lake Rd	South of Green Valley Rd	Established		0
2104	Bassi Rd	West of Lotus Rd	Rural Residential		0
2107	Black Oak Mine Rd	East of Marshall Rd	Rural Residential		0
2109	Broadway	West of Newtown Rd	Established		0
2110	Bucks Bar Rd	South of Pleasant Valley Rd	Rural Residential		0
2112	Cameron Park Dr	North of Robin Ln	Established		0
2114	Cameron Park Dr	South of Hacienda Dr	Established		0
2115	Cameron Park Dr	North of Mira Loma Dr	Established		0

SACOG 2020 MTP/SCS EIR Traffic Volumes for Noise Analysis

UNIQID	Roadway	Cross Street	Comm. Type	In HFTA?	
2116	Cameron Park Dr	South of Green Valley Rd	Established		0
2117	Carson Rd	East of Schnell School Rd	Established		0
2118	Carson Rd	West of Gatlin Rd	Rural Residential		0
2120	Carson Rd	West of Barkley Rd	Rural Residential		0
2121	Carson Rd	East of Ponderosa Wy	Rural Residential		0
2123	Cedar Ravine Rd	South of Country Club Dr	Established		0
2127	Cold Springs Rd	South of Gold Hill Rd	Rural Residential		0
2129	Country Club Dr	East of Bass Lake Rd	Established		0
2130	Country Club Dr	West of Merrychase Dr	Established		0
2131	Country Club Dr	West of Knollwood Dr	Established		0
2132	Country Club Dr	East of Cambridge Rd	Established		0
2133	Country Club Dr	West of Cameron Park Dr	Established		0
2135	Durock Rd	West of S Shingle Rd	Established		0
2136	El Dorado Hills Bl	North of Saratoga Wy	Established		0
2137	El Dorado Hills Bl	South of Wilson Bl	Established		0
2139	El Dorado Hills Bl	South of Olson Ln	Established		0
2141	El Dorado Hills Bl	South of Francisco Dr	Established		0
2142	El Dorado Hills Bl	South of Green Vly Rd	Established		0
2143	El Dorado Rd	North of Pleasant Vly Rd	Established		0
2144	El Dorado Rd	South of US 50	Established		0
2147	Fairplay Rd	South of Mt Aukum Rd	Rural Residential		0
2153	Francisco Dr	South of Green Valley Rd	Established		0
2155	Francisco Dr	North of Green Valley Rd	Established		0
2158	Garden Valley Rd	North of SR 193	Rural Residential		0
2167	Green Valley Rd	East of Mormon Island D	Established		0
2168	Green Valley Rd	West of Francisco Dr	Established		0
2170	Green Valley Rd	East of Francisco Dr	Established		0
2171	Green Valley Rd	West of Silva Valley Pk	Established		0
2172	Green Valley Rd	West of Bass Lake Rd	Established		0
2173	Green Valley Rd	East of Bass Lake Rd	Established		0
2174	Green Valley Rd	West of Cameron Park D	Established		0
2175	Green Valley Rd	East of La Crescenta Dr	Established		0
2177	Green Valley Rd	East of Deer Valley Rd	Rural Residential		0
2179	Green Valley Rd	West of Lotus Rd	Rural Residential		0
2181	Green Valley Rd	West of Greenstone Rd	Rural Residential		0
2183	Green Valley Rd	West of Missouri Flat R	Established		0
2185	Green Valley Rd	West of Weber Creek Br	Rural Residential		0
2186	Greenwood Rd	West of Marshall Rd	Rural Residential		0
2187	Greenwood Rd	South of SR 193	Rural Residential		0
2188	Harvard Way	East of El Dorado Hills Bl	Established		0
2189	Icehouse Rd	North of US 50	Rural Residential		0
2193	Lotus Rd	South of Thompson Hill Rd	Rural Residential		0
2195	Marshall Rd	East of SR 49	Rural Residential		0
2196	Marshall Rd	East of Garden Valley Rd	Rural Residential		0
2197	Marshall Rd	South of Lower Main St	Rural Residential		0
2198	Missouri Flat Rd	North of SR 49	Established		0
2201	Mormon Emigrant Tr	East of Sly Park Rd	Rural Residential		0
2202	Mosquito Rd	East of Prescott Ave	Established		0

SACOG 2020 MTP/SCS EIR Traffic Volumes for Noise Analysis

UNIQID	Roadway	Cross Street	Comm. Type	In HFTA?	
2203	Mosquito Rd	South of Union Ridge Rd	Rural Residential		0
2204	Mosquito Rd	South of Shadow Run Rd	Rural Residential		0
2205	Mother Lode Dr	West of Sunset Ln	Established		0
2206	Mother Lode Dr	West of Pleasant Valley	Established		0
2207	Mother Lode Dr	East of Pleasant Valley Rd	Established		0
2208	Newtown Rd	North of Pleasant Vly Rd	Rural Residential		0
2209	Newtown Rd	North of Pioneer Hill Rd	Rural Residential		0
2210	Newtown Rd	East of Broadway	Established		0
2214	Pleasant Valley Rd	West of SR 49 (W)	Established		0
2215	Pleasant Valley Rd	East of SR 49 (E)	Established		0
2216	Pleasant Valley Rd	West of Big Cut Rd	Established		0
2217	Pleasant Valley Rd	West of Oak Hill Rd	Established		0
2218	Pleasant Valley Rd	East of Cedar Ravine	Rural Residential		0
2219	Pleasant Valley Rd	East of Bucks Bar R	Rural Residential		0
2220	Pleasant Valley Rd	East of Newtown Rd	Rural Residential		0
2221	Ponderosa Rd	North of Wild Chaparral Dr	Established		0
2222	Ponderosa Rd	North of Meder Rd	Established		0
2223	Ponderosa Rd	South of Green Valley Rd	Rural Residential		0
2224	Pony Express Tr	East of Carson Rd	Rural Residential		0
2227	Salmon Falls Rd	South of Malcolm-Dixon Rd	Established		0
2228	Salmon Falls Rd	South of Pedro Hill Rd	Rural Residential		0
2229	SR49	North of Salmon Falls Cutoff	Rural Residential		0
2230	Sand Ridge Rd	East of SR 49	Rural Residential		0
2231	Sand Ridge Rd	West of Bucks Bar Rd	Rural Residential		0
2234	Serrano Pkwy	West of Bass Lake Rd	Established		0
2235	Shingle Springs Dr	South of US 50	Established		0
2237	Silva Valley Pkwy	South of Serrano Pkwy	Established		0
2238	Silva Valley Pkwy	North of Serrano Pkwy	Established		0
2239	Silva Valley Pkwy	South of Green Valley	Established		0
2241	Sophia Pkwy	South of Green Valley Rd	Established		0
2244	Union Ridge Rd	West of Hassler Rd	Rural Residential		0
2245	Wentworth Springs Rd	East of Main St	Rural Residential		0
2502	16TH ST	SOUTH of ELKHORN BL	Established		0
2506	ALTA ARDEN EXWY	East of HOWE AV	Established		0
2507	ALTA MESA RD	NORTH of BORDEN RD	Rural Residential		0
2510	AUBURN BL	EAST of WATT AV	Corridor		1
2512	BOESOW RD	WEST of MARENGO RD	Established		0
2519	COLLEGE OAK DR	North of WINDING WY	Established		0
2520	COTTAGE WY	EAST of ETHAN WY	Established		0
2522	DEL NORTE BL	South of 23RD AV	Established		0
2523	DRY CREEK RD	NORTH of ASCOT AV	Established		0
2524	DRY CREEK RD	SOUTH of ELKHORN BL	Established		0
2525	DRY CREEK RD	SOUTH of Q ST	Rural Residential		0
2527	DRY CREEK RD	SOUTH of U ST	Developing		0
2529	ELKHORN BL	East of 16TH ST	Established		0
2530	ELKHORN BL	East of DRY CREEK RD	Established		0
2532	ELKHORN BL	East of MARYSVILLE BL	Rural Residential		0
2533	ELKHORN BL	East of THOMAS DR	Established		0

SACOG 2020 MTP/SCS EIR Traffic Volumes for Noise Analysis

UNIQID	Roadway	Cross Street	Comm. Type	In HFTA?	
2534	ELK GROVE-FLORIN	NORTH of GERBER RD	Developing		0
2535	ELSIE AV	East of STOCKTON BL	Corridor		0
2537	ELVERTA RD	East of SORENTO RD	Rural Residential		0
2538	ELVERTA RD	West of ELECTRIC AV	Rural Residential		0
2540	EL CAMINO	East of WALNUT AV	Established		0
2541	EL CAMINO	East of EASTERN AV	Established		0
2543	EXCELSIOR RD	NORTH of CALVINE RD	Developing		0
2545	FAIR OAKS BL	NORTH of GREENBACK LN	Corridor		0
2546	FAIR OAKS BL	NORTH of NORTH AV	Corridor		0
2547	FAIR OAKS BL	SOUTH of GRANT AV	Corridor		0
2548	FAIR OAKS BL	SOUTH of MADISON AV	Corridor		0
2549	FAIR OAKS BL	SOUTH of WOODMORE OAKS DR	Established		0
2550	FILBERT AV	NORTH of CENTRAL AV	Established		0
2551	FOLSOM BL	East of LA RIVIERA DR	Corridor		1
2552	FOLSOM BL	East of MANLOVE RD	Corridor		1
2553	FOLSOM BL	East of MAYHEW DR	Corridor		1
2554	FOLSOM BL	West of BRADSHAW RD	Corridor		1
2556	FRANKLIN BL	SOUTH of DESMOND RD	Rural Residential		0
2560	GREENBACK LN	East of FAIR OAKS BL	Corridor		0
2561	GREENBACK LN	East of HAZEL AV	Corridor		0
2565	HAZEL AV	NORTH of AMERICAN RIVER BR	Established		0
2568	HAZEL AV	NORTH of OAK AV	Established		0
2569	HICKORY AV	SOUTH of OAK AV	Established		0
2570	HILLSDALE BL	NORTH of MADISON AV	Corridor		0
2571	HOOD FRANKLIN RD	West of FRANKLIN BL	Rural Residential		0
2572	HOWE AV	NORTH of FAIR OAKS BL	Corridor		0
2573	HOWE AV	NORTH of ALTA ARDEN EXWY	Established		0
2574	HOWE AV	NORTH of ARDEN WY	Established		0
2577	KENNETH AV	SOUTH of OAK AV	Established		0
2579	KIEFER BL	West of SOUTH WATT AV	Corridor		1
2580	KIEFER BL	West of SOUTH WATT AV	Corridor		1
2582	LINCOLN WY	NORTH of KOST RD	Corridor		0
2583	MADISON AV	East of SAN JUAN AV	Established		0
2584	MADISON AV	East of SUNRISE BL	Established		0
2585	MADISON AV	West of HILLSDALE BL	Corridor		0
2586	MADISON AV	West of MAIN AV	Corridor		0
2588	MAYHEW RD	SOUTH of HWY 50	Corridor		0
2593	MORSE AV	SOUTH of ALTA ARDEN EXPY	Corridor		0
2595	MYRTLE AV	West of HEMLOCK ST	Established		0
2596	M ST	East of RIO LINDA BL	Rural Residential		0
2597	NEW HOPE	East of SARGENT AV	Established		0
2598	NEW HOPE	West of KOST RD	Rural Residential		0
2599	NORTH LOOP BL	East of WALERGA RD	Established		0
2601	NORTH LOOP BL	NORTH of ELVERTA RD	Established		0
2604	OAK AV	West of HAZEL AV	Established		0
2605	OAK AV	West of MAIN AV / MOUNTAIN	Established		0
2607	OAK AV	West of SANTA JUANITA AV (SOUTH	Established		0
2608	OAK LN	West of 10TH ST	Rural Residential		0

SACOG 2020 MTP/SCS EIR Traffic Volumes for Noise Analysis

UNIQID	Roadway	Cross Street	Comm. Type	In HFTA?	
2609	OLD PLACERVILLE RD	East of BRADSHAW RD	Established		0
2610	OLD PLACERVILLE RD	East of ROUTIER RD	Established		0
2612	ORANGE GROVE AV	West of RIVER COLLEGE DR	Corridor		0
2619	POWER LINE RD	NORTH of ELKHORN BL	Established		0
2622	Q ST	West of 20TH ST	Established		0
2623	Q ST	West of RIO LINDA BL	Rural Residential		0
2626	RIO LINDA BL	SOUTH of ELKHORN BL	Rural Residential		0
2629	RIO LINDA BL	SOUTH of MARYSVILLE BL	Established		0
2630	ROSEMONT DR	NORTH of KIEFER BL	Corridor		0
2632	SIMMERHORN RD	West of STEINER RD	Established		0
2633	SOUTH WATT AV	NORTH of FLORIN RD	Developing		0
2634	SOUTH WATT AV	NORTH of FRUITRIDGE RD	Established		0
2635	SOUTH WATT AV	SOUTH of ALDERSON AV	Corridor		0
2636	SOUTH WATT AV	SOUTH of FOLSOM BL	Corridor		1
2637	STOCKTON BL	NORTH of 37TH AV	Corridor		0
2638	STOCKTON BL	NORTH of ELSIE AV / MACK	Corridor		0
2639	STOCKTON BL	SOUTH of ELSIE AV / MACK	Corridor		0
2640	STOCKTON BL	SOUTH of PARKER AV	Corridor		0
2641	SUNRISE BL	NORTH of MADISON AV	Established		0
2642	SUNRISE BL	NORTH of SUNSET AV	Established		0
2643	SUNRISE BL	SOUTH of AMERICAN RIVER BRIDGE	Established		0
2652	TWIN CITIES RD	West of FRANKLIN BL	Rural Residential		0
2653	TWIN CITIES RD	West of SR99	Corridor		0
2654	U ST	West of DRY CREEK RD	Developing		0
2656	WALERGA RD	NORTH of HILLSDALE BL	Established		0
2665	WATT AV	NORTH of AMERICAN RIVER BRIDGE	Corridor		0
2666	WATT AV	NORTH of ARDEN WY	Corridor		0
2667	WATT AV	NORTH of COTTAGE WY	Corridor		0
2669	WATT AV	NORTH of EL CAMINO	Corridor		0
2670	WATT AV	NORTH of FOLSOM BL	Corridor		1
2671	WATT AV	SOUTH of ARDEN WY	Corridor		0
2676	WHITE ROCK RD	NORTH of GRANT LINE RD	Established		0
2677	WHITE ROCK RD	West of GRANT LINE RD	Rural Residential		0
2680	WINDING WY	West of WALNUT AV	Established		0
3002	Blue Oaks Blvd	East of Lone Tree	Established		0
3004	Whitney Boulevard	North of Midas Av	Established		0
3005	Dominguez Avenue	East of Pacific St	Established		0
3007	Granite Drive	North of Rocklin Rd	Established		0
3008	Granite Drive	North of Sierra Meadows	Established		0
3009	Lone Tree	North of Blue Oaks Blvd	Established		0
3014	Midas Avenue	West of Argonaut Av	Established		0
3015	Midas Avenue	West of Pacific St	Corridor		1
3016	Taylor Road	North of I-80 WB	Established		0
3017	Pacific Street	North of Farron St	Corridor		1
3018	Pacific Street	North of Rocklin Rd	Corridor		1
3019	Pacific Street	North of Sierra Meadows	Corridor		1
3020	Pacific Street	South of Dominguez Av	Established		0
3021	Pacific Street	North of Sunset Blvd	Corridor		0

SACOG 2020 MTP/SCS EIR Traffic Volumes for Noise Analysis

UNIQID	Roadway	Cross Street	Comm. Type	In HFTA?
3022	Pacific Street	South of Sunset Blvd	Established	0
3023	Pacific Street	North of Dominguez Av	Established	0
3026	Park Drive	South of Sunset Blvd	Established	0
3027	Park Drive	South of Stanford Ranch Rd	Established	0
3028	Park Drive	North of Stanford Ranch Rd	Established	0
3029	Park Drive	North of Sunset Blvd	Established	0
3032	Rocklin Road	East of I-80 EB	Established	0
3033	Rocklin Road	West of Pacific St	Corridor	1
3034	Rocklin Road	West of Granite Dr	Established	0
3035	Rocklin Road	West of Sierra College Blvd	Established	0
3036	Rocklin Road	West of Pacific St	Corridor	1
3037	Rocklin Road	East of Granite Dr	Corridor	1
3038	Rocklin Road	East of Sierra College Blvd	Established	0
3039	Sierra College Boulevard	South of I-80 EB	Established	0
3040	Sierra College Boulevard	North of Granite Dr	Established	0
3041	Sierra College Boulevard	North of Scarborough Dr	Established	0
3042	Five Star Boulevard	East of Stanford Ranch Rd	Established	0
3043	South Whitney Boulevard	South of Sunset Blvd	Established	0
3045	Stanford Ranch Road	North of Crest Dr	Established	0
3048	West Stanford Ranch Road	North of Sunset Blvd	Established	0
3050	Sunset Boulelvard	West of Lone Tree	Established	0
3051	Sunset Boulelvard	West of Park Dr	Established	0
3053	Sunset Boulelvard	East of Park Dr	Established	0
3055	Sunset Boulelvard	West of Whitney Blvd	Established	0
3056	Sunset Boulelvard	West of Pacific Blvd	Corridor	0
3059	West Oaks Boulevard	North of Sunset Blvd	Established	0
3062	West Stanford Ranch Road	East of Wildcat Blvd	Established	0
3067	Whitney Boulevard	North of Sunset Blvd	Established	0
5001	US 50	East of Shingle Springs	Established	0
5002	US 50	East of Bass Lake Rd	Developing	0
5003	US 50	East of El Dorado Hills Boulevard	Corridor	0
5004	US 50	East of Prairie City Rd	Developing	0
5005	US-50	East of Folsom Boulevard	Corridor	1
5006	US 50	East of Sunrise Boulevard	Corridor	0
5007	US-50	East of Zinfandel Drive	Corridor	1
5008	US-50	East of Bradshaw Road	Corridor	0
5009	US 50	East of Watt Ave	Corridor	1
5010	US-50	East of Howe Avenue	Established	0
5011	US-50	East of 59th Street	Corridor	1
5012	US 50	East of 15th/16th St	Corridor	1
5013	US 50	West of I-5	Corridor	1
5014	US 50	East of Harbor Blvd	Established	0
5015	US 50	East of W.Capital	Established	0
5017	US 50	West of El Dorado Hills Boulevard	Corridor	0
5017	US 50	West of Stockton	Corridor	1
5022	21st Street	North of 'W' Street	Corridor	1
5023	19th Street	North of 'W' Street	Corridor	1
5026	15th Street	North of 'W' Street	Corridor	1

SACOG 2020 MTP/SCS EIR Traffic Volumes for Noise Analysis

UNIQID	Roadway	Cross Street	Comm. Type	In HFTA?
5031	10th Street	North of 'W' Street	Corridor	1
5032	9th Street	North of 'W' Street	Corridor	1
5033	8th Street	North of 'W' Street	Corridor	1
5035	5th Street	North of 'W' Street	Corridor	1
5037	3rd Street	North of 'W' Street	Corridor	1
5039	'Q' Street	West of 3rd Street	Corridor	1
5040	'P' Street	West of 3rd Street	Corridor	1
5042	'N' Street	West of 3rd Street	Corridor	1
5044	Capitol Mall	West of 3rd Street	Corridor	1
5048	EB Connector From 'I' St. Bridge to 'J' S	West of 3rd Street	Corridor	1
5049	'I' Street	West of 3rd Street	Corridor	1
5050	Richards Boulevard	West of Bercut	Corridor	1
5051	'J' Street	West of 5th Street	Corridor	1
5052	'I' Street	West of 5th Street	Corridor	1
5053	'L' Street	West of 5th Street	Corridor	1
5054	Richards Boulevard	West of N. 12th Street	Corridor	0
5057	Fair Oaks Boulevard / 'H' Street	West of Cadillac Drive	Established	0
5058	Howe Avenue	South of Swarthmore Drive	Established	0
5059	Folsom Boulevard / Lake Natoma Cros	North of or South of Leidsdorf Street or G	Corridor	1
5060	Riley Street / Rainbow Bridge	North of or South of Leidsdorf Street or G	Corridor	0
5061	Salmon Falls Road	North of or South of Near American River	Rural Residential	0
5063	Bridge Street / Feather River Crossing	East of 2nd Street	Corridor	0
5064	Simpson Lane	West of Davis Road	Established	0
5065	State Route 70 / Bear River Crossing	South of Feather River Boulevard / Feathe	Established	0
5066	Forty Mile Road	North of or South of Wheatland Road or L	Established	0
5068	McCourtney Road	North of Karchner Road	Rural Residential	0
5070	State Route 174	at Placer-Nevada CL	Corridor	0
5071	Marysville Rd	at W. of SH 49/Yuba-Nevada CL	Rural Residential	0
5072	Green Valley Road	West of Sophia Parkway	Established	0
5073	Sophia Parkway	East of Empire Ranch Road	Established	0
5074	White Rock Road	at Sacramento - El Dorado CL	Established	0
5075	South Shingle Road	West of Latrobe Road	Rural Residential	0
5076	Power Inn Road	South of Folsom Boulevard	Corridor	1
5077	Florin-Perkins Road	South of SR 16 / Jackson Highway	Corridor	1
5080	Mayhew Road	South of SR 16 / Jackson Highway	Established	0
5081	Bradshaw Road	South of SR 16 / Jackson Highway	Rural Residential	0
5082	Excelsior Road	South of SR 16 / Jackson Highway	Rural Residential	0
5083	Eagles' Nest Road	South of SR 16 / Jackson Highway	Rural Residential	0
5084	Sunrise Boulevard	South of SR 16 / Jackson Highway	Rural Residential	0
5085	Grant Line Road	South of SR 16 / Jackson Highway	Established	0
5087	Dillard Road	South of SR 16 / Jackson Highway	Rural Residential	0
5088	Capitol Mall / Tower Bridge Gateway	East of '3rd' Street (West Sacramento)	Corridor	1
5090	Garden Highway	North of or South of West Elverta Road or	Established	0
5091	Power Line Road	North of or South of West Elverta Road or	Established	0
5092	Sorento Road	North of Elverta Road	Rural Residential	0
5093	Rio Linda Boulevard	North of Elverta Road	Rural Residential	0
5096	Palladay Road	North of Elverta Road	Developing	0
5102	Capitol City Frwy / American River Cro	at American River	Corridor	0

SACOG 2020 MTP/SCS EIR Traffic Volumes for Noise Analysis

UNIQID	Roadway	Cross Street	Comm. Type	In HFTA?
5103	Capitol City Frwy	North of Arden Way	Corridor	1
5104	Capitol City Frwy	North of Arden Way	Corridor	1
5105	Auburn Boulevard	North of Twin Oaks Avenue	Corridor	0
5107	Sunrise Boulevard	North of or South of Twin Oaks Avenue or	Established	0
5109	Old Auburn Road	East of Wachtel Way	Established	0
5111	Hazel Avenue / Sierra College Boulevar	South of Old Auburn Road	Established	0
5112	San Juanita Avenue	North of Canyon Falls Drive	Established	0
5113	Auburn-Folsom Road	North of Auburn Dam Road	Established	0
5115	County Road 89	South of County Road 27	Established	0
5118	County Road 95	South of County Road 27	Established	0
5120	County Road 98	South of County Road 27	Established	0
5121	County Road 99	South of County Road 27	Established	0
5122	County Road 102	South of County Road 27	Established	0
5125	State Route 160/ Freeport Sacramento	Sacramento River Crossing n/a	Rural Residential	0
5126	State Route 160/ Courtland Sacrament	Sacramento River Crossing n/a	Established	0
5127	State Route 160/ Walnut Grove Sacran	Sacramento River Crossing n/a	Rural Residential	0
5128	'E' Street	East of 30th Street	Corridor	0
5130	'G' Street	East of 30th Street	Corridor	0
5131	'H' Street	East of 30th Street	Corridor	0
5133	'J' Street	East of 30th Street	Corridor	0
5135	'L' Street	East of 30th Street	Corridor	1
5136	Capitol Avenue	East of 30th Street	Corridor	1
5139	'P' Street	East of 30th Street	Corridor	1
5140	'Q' Street	East of 30th Street	Corridor	1
5142	'S' Street	East of 30th Street	Corridor	1
5143	'T' Street	East of 30th Street	Corridor	1
5145	26th Street	South of 'X' Street	Corridor	1
5147	24th Street	South of 'X' Street	Corridor	1
5150	21st Street	South of 'X' Street	Corridor	1
5151	19th Street	South of 'X' Street	Corridor	1
5154	16th Street	South of 'X' Street	Corridor	1
5155	15th Street	South of 'X' Street	Corridor	1
5158	Riverside Boulevard	South of 'X' Street	Corridor	1
5159	10th Street	South of 'X' Street	Corridor	1
5160	9th Street	South of 'X' Street	Corridor	1
5161	8th Street	South of 'X' Street	Corridor	1
5163	5th Street	South of 'X' Street	Corridor	1
5166	North-South Road	North of Omo Ranch Road	Rural Residential	0
5167	Mormon Emigrant Trail	North of State Route 88	Rural Residential	0
5168	Omo Ranch Road	West of North-South Road	Rural Residential	0
5169	Latrobe Road	El Dorado/Amador CL n/a	Rural Residential	0
5170	Shenendoah Road	El Dorado/Amador CL n/a	Rural Residential	0
5171	Twin Cities Road (County Road 104)	Sacramento/Amador CL n/a	Rural Residential	0
5172	Lower Sacramento Road (S. of Galt)	at Sacramento-San Joaquin CL	Established	0
5175	County Road 104/Mace Blvd. SW	South of County Road 32D/Montgomery	Established	0
5177	'E' Street	West of 29th St	Corridor	0
5179	'G' Street	West of 29th St	Corridor	0
5180	'H' Street	West of 29th St	Corridor	0

SACOG 2020 MTP/SCS EIR Traffic Volumes for Noise Analysis

UNIQID	Roadway	Cross Street	Comm. Type	In HFTA?
5181	'I' Street	West of 29th St	Corridor	0
5182	'J' Street	West of 29th St	Corridor	0
5183	'K' Street	West of 29th St	Corridor	0
5185	Capitol Avenue	West of 29th St	Corridor	1
5186	'N' Street	West of 29th St	Corridor	1
5188	'P' Street	West of 29th St	Corridor	1
5189	'Q' Street	West of 29th St	Corridor	1
5191	'S' Street	West of 29th St	Corridor	1
5192	'T' Street	West of 29th St	Corridor	1
5193	26th Street	North of 'W' Street	Corridor	1
5277	Watt Avenue	South of PFE Road	Established	0
5278	Walerga Road	South of PFE Road	Established	0
5279	Antelope Road	South of PFE Road	Established	0
5280	Roseville Road	South of Whyte Road	Established	0
6001	Base line Rd	East of Fiddyment Rd	Established	0
6002	Elverta Rd	West of SR70-99	Established	0
6003	Elverta Rd	East of SR70-99	Rural Residential	0
6005	Howsley Rd	East of SR70-99	Established	0
6006	State Route 70-99	North of W Catlett Rd	Established	0
6007	State Route 70-99	North of Catlett Rd	Established	0
6008	Catlett Rd	East of SR70-99	Established	0
6009	State Route 70	North of SR70-99 Y	Established	0
6011	State Route 113/N East St	North of CR 18C	Established	0
6013	CR 102	North of CR 18C	Established	0
6014	State Route 16	West of CR 98	Established	0
6015	CR 102	South of I-5	Established	0
6016	CR102	North of CR 27	Established	0
6017	CR102	South of CR 29	Established	0
6018	Jefferson Blvd	North of Willow Point Rd	Established	0
6019	S River Rd	North of Babel Slough Rd	Established	0
6020	Rio Oso Rd	East of SR70	Established	0
6021	State Route 49	North of Bell Rd	Established	0
6022	State Route 49	South of Bell Rd	Established	0
6023	State Route 49	North of Luther Rd	Established	0
6024	Base line Rd	East of Pleasant grove Rd	Established	0
6025	Nicolaus Ave	East of SH 70	Established	0
6026	Pleasant Grove Rd	North of Nicolaus Ave	Established	0
6027	State Route 193	East of Sierra College Blvd	Developing	0
6029	Base line Rd	East of Watt Ave	Developing	0
6030	Riego Rd	East of Garden Hwy	Established	0
6031	Old Foresthill Rd	East of Coloma Rd	Established	0
6032	Coloma Rd	South of Old Foresthill Rd	Established	0
6033	Base line Rd	West of Foothills blvd	Established	0
6034	White Rock Rd	East of Prairie City Rd	Developing	0
6034	White Rock Rd	West of Scott Rd	Developing	0
6037	Grant Line Rd	South of Douglas Rd	Developing	0
6038	Scott Rd	North of Latrobe Rd	Rural Residential	0
6039	Grant Line Rd	East of Kiefer Blvd	Rural Residential	0

SACOG 2020 MTP/SCS EIR Traffic Volumes for Noise Analysis

UNIQID	Roadway	Cross Street	Comm. Type	In HFTA?	
6040	Grant Line Rd	West of Sunrise Blvd	Rural Residential		0
6041	Grant Line Rd	East of East Stockton Rd	Established		0
6042	Grant Line Rd	East of SH 99	Established		0
6043	Grant Line Rd	North of Elk Grove Blvd	Developing		0
6044	Grant Line Rd	North of Wilton Rd	Rural Residential		0
6045	Grant Line Rd	North of Sheldon Rd	Rural Residential		0
6046	Grant Line Rd	North of Calvine Rd	Rural Residential		0
6047	Hood Franklin Rd	East of Corky Lane	Rural Residential		0
6048	Franklin Blvd	South of Hood Franklin Rd	Rural Residential		0
6049	Bruceville Rd	South of Bilby Rd	Established		0
6050	Bruceville Rd	South of Eschinger Rd	Rural Residential		0
6051	Dillard Rd	East of SH 99	Rural Residential		0
6052	Lambert Rd	East of Herzog Road	Rural Residential		0
6053	Twin Cities Rd	East of River Road	Rural Residential		0
6054	Franklin Blvd	North of Twin Cities Rd	Rural Residential		0
6055	State Route 160 / River Rd	West of Walnut Grove - Thornton Rd	Rural Residential		0
6056	Foresthill Rd	0 Auburn-Foresthill Bridge	Established		0
6057	State Route 160 / River Rd	North of SH 12	Established		0
6058	Riego Rd	East of SH 99	Developing		0
6063	CR 27	East of SH 505	Established		0
6067	State Route 16	West of CR 85	Established		0
6068	State Route 113/Locust St	East of CR 102	Established		0
6071	CR 13	East of I-5	Established		0
6072	CR 27	West of SH 505	Established		0
6073	CR 16A	West of SH 113	Established		0
6074	State Route 113	North of SH 45	Established		0
6076	Riego Rd	West of SR70-99	Developing		0
6078	State Route 49/Coloma Rd	North of Lotus Rd	Rural Residential		0
6079	Lotus Rd	North of Green Valley Rd	Rural Residential		0
6080	Cold Springs Rd	North of Placerville Dr	Corridor		0
6081	State Route 193 / Georgetown Rd	North of Coloma St	Established		0
6082	State Route 49/Coloma Rd	North of Baker Rd	Established		0
6083	Carson Rd	East of Schnell School Rd	Established		0
6084	Cedar Ravine Rd	North of Pleasant Valley Rd	Rural Residential		0
6086	Big Cut Rd	North of Pleasant Valley Rd	Established		0
6087	State Route 193	North of Taylor Rd	Rural Residential		0
6090	S Beale Rd	East of SH 65	Developing		0
6091	Ramirez Rd	East of SH 70	Rural Residential		0
6092	N. Township Rd	South of SH 20	Established		0
6093	State Route 70	North of Surrey Way	Rural Residential		0
6094	40 Mile Rd	South of SH 65	Developing		0
6095	Bogue Rd	West of SH 99	Established		0
6096	S George Washington Blvd	South of Oswald Rd	Established		0
6097	McGowan Pkwy	East of SH 70	Established		0
6099	Encinal Rd	West of SH 99/Live Oak Blvd	Established		0
6100	S Township Rd	South of Oswald Rd	Established		0
6101	Township Rd	South of Lincoln Rd	Established		0
6102	S George Washington Blvd	South of Lincoln Rd	Established		0

SACOG 2020 MTP/SCS EIR Traffic Volumes for Noise Analysis

UNIQID	Roadway	Cross Street	Comm. Type	In HFTA?	
6103	Oswald Rd	West of SH 99	Established		0
6104	Barry Rd	West of SH 99	Established		0
6106	Stewart Rd	West of SH 99	Established		0
6107	N George Washington Blvd	South of SH 20 / Colusa Hwy	Established		0
6108	State Route 113 /Tudor Rd	West of SH 99	Established		0
6110	Plumas-Arboga Rd	East of SR70	Rural Residential		0
6111	Ostrum Rd	East of SH 65	Developing		0
6506	Hwy 65	North of Forty Mile Rd.	Developing		0
6116	Obanion Rd	West of SH 99	Established		0
6117	Eager Rd	West of SH 99	Established		0
6118	Woodruff Ln	East of SH 70	Rural Residential		0
6505	State Route 65	South of SH 70	Rural Residential		0
6122	Reclamation Road	North of State Route 113	Established		0
6123	Reclamation Road	South of State Route 20	Established		0
6501	State Route 65	North of I-80	Established		0
2002	State Route 20 / Feather River	East of Sutter Street	Established		0
7012	State Route 70	at Yuba-Butte CL	Rural Residential		0
7111	I-5	North of J Street	Corridor		0
7029	I-5	North of County Road 102	Established		0
7030	I-5	North of East Main Street	Established		0
530	I-5	South of I-505	Established		0
7032	State Route 16	West of Sunrise Boulevard	Rural Residential		0
8257	State Route 16	East of Sunrise Boulevard	Established		0
7036	State Route 20	West of Humphrey Rd	Established		0
7037	SR-20	East of B Street	Established		0
7038	State Route 20	South of Woodruff Ln	Rural Residential		0
7039	State Route 49 / Placer - Nevada CL	North of Lone Star Road	Rural Residential		0
7040	State Route 49	West of Borland Ave	Established		0
7041	State Route 49	East of Borland Ave	Established		0
6503	Hwy 65	North of Sunset Blvd	Established		0
7057	B St	South of Hwy 20	Corridor		0
8037	I-80	North of Crother Rd	Rural Residential		0
8030	I-80	West of Richards Blvd	Corridor		1
8039	I-80	East and West of Placer Hills Rd	Rural Residential		0
5110	I-80	West of Moody Ridge Rd	Rural Residential		0
7070	Twin Cities Rd	West of Alta Mesa Rd	Rural Residential		0
7071	SR 99	North of Twin Cities Rd	Corridor		0
7075	SR-99	East of SR-70	Established		0
7076	State Route 99	at Feather River Crossing	Established		0
7077	State Route 99	South of Garden Highway	Established		0
7078	State Route 99	North of SR113	Established		0
7080	State Route 99	South of Barry Ave	Established		0
7081	State Route 99	North of Barry Ave	Established		0
7082	State Route 99	North of Bridge Street	Corridor		0
7083	State Route 99/Live Oak Blvd	North of Encinal Rd	Established		0
7084	Hwy 113	North of Reclamation rd	Established		0
7086	Hwy 113	North of County Road 18B	Established		0
7088	State Route 128	West of County Road 86	Established		0

SACOG 2020 MTP/SCS EIR Traffic Volumes for Noise Analysis

UNIQID	Roadway	Cross Street	Comm. Type	In HFTA?	
7089	State Route 128	East of County Road 86	Established		0
7090	State Route 128	West of I-505	Corridor		0
7091	River Rd.	North of Lambert Rd	Rural Residential		0
7092	Hwy 160	North of Poverty Rd	Rural Residential		0
7106	US 50	East of Sly Park Road	Rural Residential		0
9909	State Route 99	South of Kammerer Road	Established		0
9908	State Route 99	South of Dillard Road	Rural Residential		0
531	I-5	North of I-505 South	Established		0
7110	I-5	North of SR 113 Or East Street	Established		0
7504	State Route 20	at Yuba/Nevada CL	Rural Residential		0
7509	State Route 16	West of Ione Road	Rural Residential		0
7510	State Route 49	El Dorado/Amador CL n/a	Rural Residential		0
8047	I-80	East of I-505	Established		0
8001	I-80	West of SR-65	Established		0
8002	I-80	East of Douglas Blvd	Established		0
8003	I-80	West of Douglas Blvd	Established		0
8004	I-80 at Sacramento / Placer CL	North/East of Antelope Road	Established		0
8005	I-80	East of Greenback Lane	Established		0
8006	I-80	East of Winters Street	Corridor		1
8007	I-80	East of Raley Blvd	Established		0
8008	I-80	East of Norwood Avenue	Established		0
8009	I-80	East of I-5	Corridor		0
8010	I-80	West of I-5	Established		0
8011	I-80	at Sacramento River Crossing	Established		0
8012	I-80	at Yolo Causeway	Established		0
8014	'H' Street	East of 39th Street	Established		0
8015	'J' Street	East of 39th Street	Established		0
8016	Folsom Boulevard	East of 39th Street	Corridor		1
8017	Raley Boulevard	South of Main Street	Established		0
8018	Elkhorn Boulevard	East of SR 99	Established		0
8019	Del Paso Road	East of I-5	Corridor		0
8020	Arena Boulevard	East of I-5	Established		0
8021	W. El Camino Avenue	East of I-5	Corridor		0
8022	65th Street	South of US-50	Corridor		1
8023	Florin Road	East of I-5	Established		0
8025	Florin Road	West of SR 99	Corridor		0
8027	Florin Road	East of SR 99	Corridor		0
8029	Cosumnes River Boulevard	West of SR 99	Corridor		1
8031	Coloma Road	North of Folsom Boulevard	Corridor		0
8032	Folsom Boulevard	West of Coloma Road	Corridor		1
8033	Coloma Road	West of Sunrise Boulevard	Established		0
8034	Zinfandel Drive	South of Folsom Boulevard	Corridor		1
8035	Mather Field Road	South of Folsom Boulevard	Corridor		1
8036	Sunrise Boulevard	South of Folsom Boulevard	Corridor		1
8037	Routier Road	at US-50 Overcrossing	Corridor		0
8038	5th Street	West of 'G' Street	Established		0
8039	Bridge Street	East of SR 99	Established		0
8040	Franklin Road	East of SR 99	Established		0

SACOG 2020 MTP/SCS EIR Traffic Volumes for Noise Analysis

UNIQID	Roadway	Cross Street	Comm. Type	In HFTA?
8041	Lincoln Road	East of SR 99	Established	0
8042	2nd Street	South of Bridge Street	Corridor	0
8043	Nicolaus Road	East of Joiner Parkway	Established	0
8044	Ferrari Ranch Road	East of SR 65	Corridor	0
8045	Twelve Bridges Drive	East of SR 65	Corridor	0
8046	East Lincoln Parkway	East of Sterling Parkway	Corridor	0
8047	East Avenue	North of State Route 193	Established	0
8048	Freeport Boulevard	South of Fruitridge Boulevard	Established	0
8049	South Land Park	South of Fruitridge Boulevard	Established	0
8050	24th Street	South of Fruitridge Boulevard	Corridor	1
8051	Freeport	South of Florin Road	Established	0
8052	24th Street	South of Florin Road	Corridor	0
8053	Franklin Boulevard	South of Fruitridge Boulevard	Corridor	1
8054	Franklin Boulevard	South of Florin Road	Corridor	0
8055	Truxel Road	North of Garden Highway	Corridor	1
8056	Northgate Boulevard	North of Garden Highway	Corridor	1
8057	Truxel Road	South of Del Paso Road	Corridor	1
8058	Northgate Boulevard	South of Del Paso Road	Established	0
8059	El Centro Road	South of Del Paso Road	Established	0
8060	El Centro Road	South of San Juan Road	Established	0
9901	SR-99	South of Sheldon Rd	Established	0
9902	SR-99	North of Sheldon Rd	Established	0
9903	SR-99	South of Stockton/Bruceville	Corridor	0
9904	State Route 99	North of Florin Road	Corridor	0
9905	SR-99	South of Fruitridge Blvd	Corridor	0
9906	SR-99	North of Fruitridge Blvd	Corridor	0
9907	State Route 99	South of US50	Established	0
9908	State Route 70-99	South of Elverta Rd	Rural Residential	0
9909	State Route 99	North of or South of Elverta Road or Riego	Established	0
11301	State Route 113	South of Main Street	Established	0
11302	State Route 113	South of County Road 27	Established	0
11303	State Route 113	South of Russell Blvd	Corridor	0
50501	I-505	South of I-5	Established	0
50502	I-505	South of W Main St/Hwy 16	Established	0
50503	I-505	South of County Road 27	Established	0

2016								
			24	75				
Daily Vol	Speed	Truck %	Med. Truck %	Heavy Truck %	Auto %	Lanes	Dist To Near CL	Dist. To Far CL
72810	21	18%	4.38%	13.13%	0.82	4	120	180
102270	32	13%	3.33%	10.00%	0.87	6	105	195
109660	21	12%	2.88%	8.64%	0.88	6	105	195
129520	25	10%	2.39%	7.18%	0.90	8	90	210
158570	32	7%	1.80%	5.39%	0.93	8	90	210
205000	40	5%	1.25%	3.75%	0.95	10	75	225
172000	31	6%	1.50%	4.50%	0.94	9	82.5	217.5
119960	40	6%	1.51%	4.53%	0.94	10	75	225
113200	40	7%	1.72%	5.16%	0.93	8	90	210
134000	31	8%	1.90%	5.69%	0.92	7	97.5	202.5
90000	22	7%	1.79%	5.36%	0.93	4	120	180
67090	33	9%	2.32%	6.95%	0.91	4	120	180
58800	33	9%	2.29%	6.88%	0.91	4	120	180
17980	30	3%	0.70%	2.11%	0.97	4	120	180
15350	30	1%	0.19%	0.56%	0.99	4	120	180
22570	40	1%	0.21%	0.63%	0.99	4	120	180
18950	25	1%	0.32%	0.96%	0.99	4	120	180
2020	20	1%	0.34%	1.01%	0.99	4	120	180
11560	20	1%	0.13%	0.40%	0.99	4	120	180
11340	25	2%	0.52%	1.56%	0.98	3	127.5	172.5
11790	25	2%	0.48%	1.43%	0.98	4	120	180
8160	25	1%	0.17%	0.52%	0.99	2	135	165
5780	25	1%	0.20%	0.60%	0.99	2	135	165
7350	25	0%	0.06%	0.19%	1.00	2	135	165
10790	25	0%	0.05%	0.14%	1.00	4	120	180
11780	20	0%	0.04%	0.13%	1.00	3	127.5	172.5
1710	45	1%	0.20%	0.61%	0.99	2	135	165
2620	45	0%	0.10%	0.31%	1.00	2	135	165
7980	50	0%	0.12%	0.36%	1.00	2	135	165
15710	50	0%	0.09%	0.28%	1.00	2	135	165
31030	40	1%	0.27%	0.82%	0.99	4	120	180
14160	30	0%	0.05%	0.14%	1.00	2	135	165
16650	40	0%	0.02%	0.06%	1.00	4	120	180
5870	40	0%	0.02%	0.07%	1.00	4	120	180
1980	40	1%	0.17%	0.51%	0.99	2	135	165
16450	35	2%	0.53%	1.58%	0.98	2	135	165
49260	40	1%	0.37%	1.10%	0.99	4	120	180
16340	45	1%	0.16%	0.48%	0.99	4	120	180
53440	35	0%	0.07%	0.20%	1.00	6	105	195
51240	35	0%	0.07%	0.22%	1.00	6	105	195
10770	25	3%	0.65%	1.96%	0.97	2	135	165
19190	45	2%	0.40%	1.20%	0.98	4	120	180
24100	35	1%	0.31%	0.93%	0.99	4	120	180
27640	35	0%	0.06%	0.19%	1.00	4	120	180
41800	35	0%	0.03%	0.10%	1.00	6	105	195
43580	45	0%	0.10%	0.31%	1.00	6	105	195
1200	45	1%	0.23%	0.70%	0.99	2	135	165
6120	35	1%	0.18%	0.53%	0.99	2	135	165

2016								
			24	75				
Daily Vol	Speed	Truck %	Med. Truck %	Heavy Truck %	Auto %	Lanes	Dist To Near CL	Dist. To Far CL
6280	40	0%	0.11%	0.32%	1.00	2	135	165
12000	40	1%	0.15%	0.46%	0.99	6	105	195
21330	40	1%	0.19%	0.57%	0.99	4	120	180
9380	45	3%	0.71%	2.13%	0.97	2	135	165
2620	40	0%	0.06%	0.19%	1.00	2	135	165
7200	45	1%	0.25%	0.74%	0.99	4	120	180
51000	45	1%	0.20%	0.59%	0.99	6	105	195
6690	35	1%	0.17%	0.52%	0.99	4	120	180
18130	35	1%	0.33%	1.00%	0.99	4	120	180
11930	30	0%	0.07%	0.21%	1.00	4	120	180
18390	40	1%	0.16%	0.48%	0.99	4	120	180
12720	35	1%	0.31%	0.94%	0.99	4	120	180
30590	40	1%	0.22%	0.67%	0.99	4	120	180
18670	40	0%	0.10%	0.29%	1.00	2	135	165
46960	40	1%	0.23%	0.69%	0.99	6	105	195
25840	30	0%	0.01%	0.04%	1.00	4	120	180
41460	40	0%	0.06%	0.17%	1.00	6	105	195
35140	40	1%	0.15%	0.46%	0.99	4	120	180
10100	30	0%	0.02%	0.07%	1.00	4	120	180
1700	20	0%	0.02%	0.06%	1.00	2	135	165
29670	40	1%	0.17%	0.51%	0.99	5	112.5	187.5
6430	35	1%	0.24%	0.72%	0.99	4	120	180
30320	35	1%	0.23%	0.70%	0.99	4	120	180
16330	35	0%	0.12%	0.35%	1.00	4	120	180
15200	45	1%	0.14%	0.43%	0.99	4	120	180
12930	35	0%	0.02%	0.06%	1.00	2	135	165
15570	50	1%	0.27%	0.82%	0.99	4	120	180
7320	40	2%	0.46%	1.39%	0.98	2	135	165
6180	40	1%	0.17%	0.52%	0.99	2	135	165
2300	40	1%	0.29%	0.88%	0.99	2	135	165
52520	40	1%	0.15%	0.45%	0.99	6	105	195
37730	35	1%	0.25%	0.75%	0.99	4	120	180
21200	25	0%	0.11%	0.34%	1.00	4	120	180
43710	30	1%	0.30%	0.89%	0.99	5	112.5	187.5
12230	50	3%	0.75%	2.26%	0.97	2	135	165
14430	40	0%	0.06%	0.19%	1.00	4	120	180
1680	45	1%	0.23%	0.70%	0.99	2	135	165
16060	40	0%	0.09%	0.27%	1.00	2	135	165
430	25	2%	0.40%	1.21%	0.98	2	135	165
6460	35	0%	0.04%	0.12%	1.00	2	135	165
5800	35	0%	0.06%	0.17%	1.00	2	135	165
1710	45	1%	0.20%	0.59%	0.99	2	135	165
1220	25	0%	0.02%	0.06%	1.00	2	135	165
3050	35	1%	0.13%	0.38%	0.99	2	135	165
5040	25	5%	1.20%	3.59%	0.95	2	135	165
7530	30	1%	0.30%	0.90%	0.99	2	135	165
19540	35	1%	0.13%	0.40%	0.99	2	135	165
14510	35	0%	0.07%	0.21%	1.00	2	135	165

2016								
			24	75				
Daily Vol	Speed	Truck %	Med. Truck %	Heavy Truck %	Auto %	Lanes	Dist To Near CL	Dist. To Far CL
10680	35	0%	0.05%	0.15%	1.00	2	135	165
3700	35	0%	0.07%	0.21%	1.00	2	135	165
2950	35	0%	0.03%	0.10%	1.00	2	135	165
2610	35	0%	0.11%	0.32%	1.00	2	135	165
2690	35	1%	0.13%	0.39%	0.99	2	135	165
1470	35	1%	0.14%	0.42%	0.99	2	135	165
3290	35	3%	0.64%	1.93%	0.97	2	135	165
3680	25	0%	0.07%	0.21%	1.00	2	135	165
2350	35	0%	0.07%	0.21%	1.00	2	135	165
3280	25	0%	0.07%	0.21%	1.00	2	135	165
2820	25	0%	0.01%	0.03%	1.00	2	135	165
4030	25	0%	0.01%	0.03%	1.00	2	135	165
7530	35	1%	0.30%	0.90%	0.99	2	135	165
27750	40	0%	0.10%	0.31%	1.00	5	112.5	187.5
22950	40	0%	0.11%	0.32%	1.00	4	120	180
19670	40	1%	0.13%	0.38%	0.99	4	120	180
15950	40	1%	0.13%	0.38%	0.99	2	135	165
4870	40	1%	0.25%	0.75%	0.99	2	135	165
2180	25	1%	0.20%	0.61%	0.99	2	135	165
4650	35	1%	0.19%	0.57%	0.99	2	135	165
2200	25	15%	3.73%	11.19%	0.85	2	135	165
12260	40	0%	0.10%	0.29%	1.00	2	135	165
27560	40	0%	0.05%	0.15%	1.00	2	135	165
540	25	0%	0.03%	0.10%	1.00	2	135	165
29970	35	0%	0.07%	0.21%	1.00	4	120	180
26060	35	0%	0.07%	0.22%	1.00	4	120	180
15620	35	0%	0.10%	0.30%	1.00	2	135	165
15010	35	0%	0.09%	0.28%	1.00	2	135	165
12120	35	0%	0.08%	0.25%	1.00	2	135	165
12870	35	0%	0.06%	0.19%	1.00	2	135	165
12320	35	0%	0.05%	0.14%	1.00	2	135	165
7200	35	0%	0.04%	0.13%	1.00	2	135	165
5150	35	0%	0.06%	0.19%	1.00	2	135	165
7950	35	1%	0.15%	0.44%	0.99	2	135	165
4400	35	0%	0.04%	0.11%	1.00	2	135	165
6200	35	1%	0.31%	0.93%	0.99	2	135	165
3380	35	0%	0.06%	0.17%	1.00	2	135	165
990	25	0%	0.05%	0.16%	1.00	2	135	165
1200	45	1%	0.16%	0.49%	0.99	2	135	165
7440	30	0%	0.07%	0.20%	1.00	4	120	180
10770	55	4%	0.88%	2.65%	0.96	2	135	165
3970	45	1%	0.20%	0.59%	0.99	2	135	165
3660	45	0%	0.11%	0.32%	1.00	2	135	165
4480	45	0%	0.09%	0.28%	1.00	2	135	165
730	35	1%	0.26%	0.77%	0.99	2	135	165
21370	45	3%	0.84%	2.52%	0.97	2	135	165
1080	35	0%	0.03%	0.08%	1.00	2	135	165
3600	35	0%	0.03%	0.08%	1.00	2	135	165

2016								
			24	75				
Daily Vol	Speed	Truck %	Med. Truck %	Heavy Truck %	Auto %	Lanes	Dist To Near CL	Dist. To Far CL
2080	25	0%	0.03%	0.10%	1.00	2	135	165
1250	25	0%	0.03%	0.10%	1.00	2	135	165
13790	45	2%	0.41%	1.23%	0.98	2	135	165
9590	45	2%	0.40%	1.19%	0.98	2	135	165
3340	45	0%	0.02%	0.07%	1.00	2	135	165
3860	25	0%	0.11%	0.33%	1.00	2	135	165
8110	35	0%	0.11%	0.34%	1.00	2	135	165
2800	35	1%	0.13%	0.38%	0.99	2	135	165
10020	35	2%	0.40%	1.19%	0.98	2	135	165
16650	35	2%	0.48%	1.44%	0.98	2	135	165
12900	35	3%	0.74%	2.22%	0.97	2	135	165
11730	35	5%	1.19%	3.58%	0.95	2	135	165
10530	35	3%	0.77%	2.31%	0.97	2	135	165
5390	35	0%	0.08%	0.25%	1.00	2	135	165
4780	35	1%	0.15%	0.46%	0.99	2	135	165
6190	40	0%	0.12%	0.37%	1.00	2	135	165
1730	35	1%	0.19%	0.58%	0.99	2	135	165
790	35	1%	0.16%	0.49%	0.99	2	135	165
3250	35	0%	0.09%	0.26%	1.00	2	135	165
7180	35	0%	0.07%	0.21%	1.00	2	135	165
510	35	1%	0.19%	0.57%	0.99	2	135	165
5620	45	2%	0.60%	1.81%	0.98	2	135	165
640	25	1%	0.18%	0.53%	0.99	2	135	165
1350	25	0%	0.04%	0.13%	1.00	2	135	165
4750	25	0%	0.01%	0.02%	1.00	2	135	165
6630	35	0%	0.09%	0.27%	1.00	2	135	165
16560	35	0%	0.04%	0.12%	1.00	4	120	180
8490	35	0%	0.04%	0.12%	1.00	4	120	180
6440	35	0%	0.03%	0.09%	1.00	2	135	165
4750	40	0%	0.05%	0.14%	1.00	2	135	165
510	25	0%	0.05%	0.14%	1.00	2	135	165
3360	35	0%	0.08%	0.23%	1.00	2	135	165
7690	45	1%	0.26%	0.79%	0.99	2	135	165
14240	40	1%	0.21%	0.64%	0.99	4	120	180
960	40	0%	0.04%	0.12%	1.00	2	135	165
19110	40	0%	0.11%	0.34%	1.00	4	120	180
4370	35	1%	0.23%	0.69%	0.99	2	135	165
12500	35	0%	0.07%	0.22%	1.00	4	120	180
3450	35	1%	0.14%	0.41%	0.99	2	135	165
1390	25	0%	0.04%	0.11%	1.00	2	135	165
4520	35	0%	0.10%	0.30%	1.00	2	135	165
7360	35	0%	0.11%	0.34%	1.00	2	135	165
3150	45	0%	0.08%	0.25%	1.00	2	135	165
950	25	0%	0.11%	0.32%	1.00	2	135	165
21590	45	1%	0.21%	0.64%	0.99	4	120	180
24180	45	1%	0.17%	0.52%	0.99	4	120	180
12780	45	1%	0.20%	0.59%	0.99	4	120	180
20070	45	1%	0.13%	0.39%	0.99	4	120	180

2016								
			24	75				
Daily Vol	Speed	Truck %	Med. Truck %	Heavy Truck %	Auto %	Lanes	Dist To Near CL	Dist. To Far CL
24670	40	1%	0.27%	0.82%	0.99	2	135	165
25970	40	3%	0.67%	2.02%	0.97	4	120	180
7590	55	1%	0.36%	1.09%	0.99	2	135	165
8190	55	1%	0.34%	1.01%	0.99	2	135	165
11740	40	0%	0.06%	0.17%	1.00	4	120	180
16870	40	0%	0.07%	0.22%	1.00	4	120	180
4550	40	1%	0.14%	0.42%	0.99	2	135	165
17590	45	0%	0.09%	0.27%	1.00	2	135	165
36400	40	0%	0.09%	0.26%	1.00	4	120	180
37210	40	0%	0.09%	0.26%	1.00	4	120	180
15290	35	0%	0.04%	0.11%	1.00	4	120	180
12660	45	0%	0.09%	0.27%	1.00	2	135	165
2060	25	0%	0.00%	0.01%	1.00	2	135	165
21050	40	1%	0.28%	0.85%	0.99	4	120	180
21030	40	2%	0.39%	1.16%	0.98	4	120	180
23140	40	1%	0.32%	0.95%	0.99	4	120	180
24540	40	1%	0.16%	0.49%	0.99	4	120	180
160	45	19%	4.75%	14.26%	0.81	2	135	165
34930	45	0%	0.08%	0.25%	1.00	6	105	195
29070	45	0%	0.08%	0.25%	1.00	4	120	180
47750	40	1%	0.36%	1.09%	0.99	6	105	195
35530	45	2%	0.39%	1.17%	0.98	4	120	180
1940	30	0%	0.04%	0.13%	1.00	2	135	165
32320	40	0%	0.11%	0.34%	1.00	4	120	180
5480	40	4%	0.96%	2.89%	0.96	2	135	165
52020	40	1%	0.19%	0.56%	0.99	6	105	195
20910	40	1%	0.17%	0.50%	0.99	4	120	180
28630	40	1%	0.22%	0.66%	0.99	5	112.5	187.5
6190	40	0%	0.04%	0.12%	1.00	2	135	165
760	30	1%	0.16%	0.47%	0.99	2	135	165
19350	40	1%	0.15%	0.45%	0.99	4	120	180
6460	30	0%	0.09%	0.28%	1.00	2	135	165
48500	45	1%	0.18%	0.53%	0.99	6	105	195
38380	45	1%	0.18%	0.53%	0.99	5	112.5	187.5
27780	45	1%	0.16%	0.47%	0.99	4	120	180
23060	45	0%	0.12%	0.37%	1.00	4	120	180
8100	40	2%	0.43%	1.29%	0.98	2	135	165
7600	30	0%	0.01%	0.04%	1.00	2	135	165
7410	35	0%	0.05%	0.16%	1.00	2	135	165
5650	25	0%	0.12%	0.35%	1.00	2	135	165
1350	45	2%	0.56%	1.67%	0.98	2	135	165
870	45	4%	0.97%	2.90%	0.96	2	135	165
8790	35	0%	0.04%	0.12%	1.00	4	120	180
4730	30	0%	0.05%	0.15%	1.00	4	120	180
9170	40	0%	0.05%	0.15%	1.00	2	135	165
8910	35	1%	0.16%	0.48%	0.99	2	135	165
8100	35	1%	0.15%	0.45%	0.99	2	135	165
1980	30	0%	0.10%	0.30%	1.00	2	135	165

2016								
			24	75				
Daily Vol	Speed	Truck %	Med. Truck %	Heavy Truck %	Auto %	Lanes	Dist To Near CL	Dist. To Far CL
15910	25	2%	0.54%	1.62%	0.98	4	120	180
15180	35	2%	0.40%	1.20%	0.98	4	120	180
10510	35	1%	0.30%	0.90%	0.99	2	135	165
250	40	3%	0.76%	2.27%	0.97	2	135	165
2820	45	0%	0.07%	0.21%	1.00	2	135	165
1370	35	0%	0.02%	0.05%	1.00	2	135	165
11690	45	0%	0.06%	0.19%	1.00	2	135	165
12400	35	1%	0.14%	0.41%	0.99	2	135	165
1310	20	0%	0.00%	0.01%	1.00	2	135	165
4080	40	1%	0.15%	0.44%	0.99	2	135	165
20210	45	1%	0.30%	0.89%	0.99	2	135	165
29400	40	1%	0.26%	0.78%	0.99	2	135	165
34790	40	1%	0.26%	0.77%	0.99	5	112.5	187.5
49720	40	1%	0.20%	0.60%	0.99	6	105	195
25300	35	1%	0.20%	0.59%	0.99	4	120	180
35190	40	1%	0.26%	0.79%	0.99	4	120	180
35780	30	2%	0.57%	1.71%	0.98	4	120	180
19790	35	1%	0.28%	0.83%	0.99	4	120	180
45250	45	1%	0.27%	0.81%	0.99	6	105	195
48300	45	1%	0.27%	0.81%	0.99	6	105	195
82570	45	1%	0.23%	0.69%	0.99	6	105	195
3960	45	11%	2.79%	8.37%	0.89	2	135	165
6280	45	3%	0.87%	2.62%	0.97	2	135	165
1530	35	1%	0.15%	0.44%	0.99	2	135	165
20780	40	0%	0.08%	0.24%	1.00	4	120	180
100740	45	1%	0.19%	0.56%	0.99	6	105	195
46940	40	1%	0.27%	0.82%	0.99	6	105	195
49800	40	1%	0.23%	0.70%	0.99	6	105	195
48600	40	1%	0.26%	0.78%	0.99	6	105	195
72190	45	1%	0.33%	1.00%	0.99	8	90	210
52220	45	1%	0.27%	0.80%	0.99	4	120	180
10000	45	6%	1.50%	4.50%	0.94	4	120	180
3710	45	6%	1.50%	4.50%	0.94	4	120	180
17940	25	0%	0.09%	0.28%	1.00	2	135	165
12330	35	0%	0.06%	0.18%	1.00	4	120	180
9170	25	0%	0.02%	0.05%	1.00	2	135	165
1590	30	1%	0.35%	1.04%	0.99	2	135	165
12680	20	1%	0.26%	0.77%	0.99	4	120	180
12240	20	2%	0.47%	1.40%	0.98	4	120	180
1650	25	1%	0.14%	0.43%	0.99	4	120	180
4530	25	0%	0.03%	0.08%	1.00	2	135	165
8880	20	0%	0.03%	0.10%	1.00	2	135	165
24370	40	1%	0.22%	0.66%	0.99	2	135	165
20110	40	1%	0.18%	0.53%	0.99	4	120	180
12530	40	1%	0.18%	0.54%	0.99	4	120	180
10950	40	1%	0.17%	0.51%	0.99	4	120	180
9960	40	1%	0.18%	0.55%	0.99	4	120	180
21380	40	1%	0.17%	0.50%	0.99	4	120	180

2016								
			24	75				
Daily Vol	Speed	Truck %	Med. Truck %	Heavy Truck %	Auto %	Lanes	Dist To Near CL	Dist. To Far CL
21720	40	1%	0.22%	0.66%	0.99	4	120	180
10980	40	0%	0.03%	0.09%	1.00	2	135	165
15520	35	0%	0.02%	0.07%	1.00	4	120	180
12040	35	0%	0.02%	0.07%	1.00	4	120	180
11690	35	0%	0.06%	0.18%	1.00	4	120	180
20450	35	0%	0.03%	0.08%	1.00	4	120	180
22850	40	1%	0.13%	0.38%	0.99	4	120	180
2800	20	1%	0.13%	0.40%	0.99	2	135	165
26940	30	1%	0.19%	0.57%	0.99	4	120	180
17650	40	0%	0.11%	0.32%	1.00	4	120	180
17500	30	1%	0.18%	0.55%	0.99	4	120	180
18950	35	1%	0.16%	0.47%	0.99	4	120	180
6670	35	0%	0.11%	0.34%	1.00	2	135	165
14780	45	2%	0.42%	1.25%	0.98	4	120	180
16100	40	1%	0.17%	0.50%	0.99	4	120	180
22610	45	2%	0.40%	1.20%	0.98	3	127.5	172.5
10590	20	0%	0.07%	0.21%	1.00	2	135	165
4390	35	0%	0.04%	0.13%	1.00	4	120	180
12520	35	0%	0.07%	0.22%	1.00	6	105	195
12010	35	0%	0.03%	0.08%	1.00	6	105	195
13450	35	1%	0.13%	0.40%	0.99	6	105	195
19820	40	0%	0.12%	0.35%	1.00	6	105	195
19750	40	0%	0.11%	0.34%	1.00	6	105	195
18650	40	0%	0.10%	0.29%	1.00	4	120	180
26770	35	0%	0.12%	0.37%	1.00	4	120	180
3390	25	1%	0.16%	0.48%	0.99	4	120	180
7240	35	0%	0.05%	0.16%	1.00	6	105	195
6480	20	0%	0.11%	0.33%	1.00	2	135	165
56510	19	3%	0.65%	1.95%	0.97	4	120	180
67700	39	2%	0.48%	1.44%	0.98	6	105	195
74200	58	2%	0.47%	1.40%	0.98	9	82.5	217.5
85540	42	2%	0.47%	1.40%	0.98	6	105	195
86650	42	2%	0.51%	1.53%	0.98	6	105	195
137860	42	2%	0.56%	1.69%	0.98	8	90	210
156000	42	2%	0.59%	1.78%	0.98	10	75	225
199390	42	3%	0.64%	1.91%	0.97	10	75	225
199170	21	3%	0.64%	1.92%	0.97	8	90	210
189260	31	3%	0.64%	1.93%	0.97	9	82.5	217.5
225000	32	3%	0.85%	2.56%	0.97	8	90	210
260000	35	4%	1.04%	3.12%	0.96	11	67.5	232.5
131000	32	2%	0.62%	1.87%	0.98	8	90	210
76400	31	3%	0.73%	2.18%	0.97	9	82.5	217.5
56860	32	3%	0.73%	2.19%	0.97	8	90	210
99000	40	2%	0.43%	1.30%	0.98	7	97.5	202.5
225420	40	3%	0.84%	2.53%	0.97	10	75	225
9580	25	0%	0.08%	0.24%	1.00	2	135	165
8790	25	0%	0.08%	0.25%	1.00	2	135	165
34070	28	2%	0.38%	1.13%	0.98	6	105	195

2016								
			24	75				
Daily Vol	Speed	Truck %	Med. Truck %	Heavy Truck %	Auto %	Lanes	Dist To Near CL	Dist. To Far CL
6690	20	1%	0.25%	0.74%	0.99	3	127.5	172.5
8200	20	1%	0.24%	0.71%	0.99	3	127.5	172.5
2910	20	1%	0.23%	0.70%	0.99	2	135	165
9160	20	1%	0.19%	0.57%	0.99	6	105	195
9880	20	1%	0.21%	0.63%	0.99	3	127.5	172.5
9720	25	2%	0.50%	1.50%	0.98	4	120	180
16750	25	2%	0.52%	1.56%	0.98	3	127.5	172.5
1120	20	0%	0.09%	0.28%	1.00	3	127.5	172.5
21900	20	0%	0.12%	0.36%	1.00	6	105	195
18620	20	1%	0.32%	0.97%	0.99	4	120	180
3640	20	0%	0.04%	0.13%	1.00	2	135	165
25140	30	3%	0.63%	1.89%	0.97	4	120	180
24690	25	1%	0.37%	1.12%	0.99	4	120	180
18430	25	1%	0.32%	0.97%	0.99	4	120	180
11720	20	1%	0.26%	0.78%	0.99	4	120	180
13280	20	2%	0.50%	1.50%	0.98	4	120	180
40170	35	0%	0.10%	0.29%	1.00	4	120	180
64500	45	1%	0.30%	0.90%	0.99	4	120	180
20540	40	1%	0.25%	0.76%	0.99	4	120	180
24190	20	0%	0.05%	0.14%	1.00	2	135	165
280	35	1%	0.15%	0.46%	0.99	2	135	165
30520	25	1%	0.22%	0.67%	0.99	2	135	165
1600	45	5%	1.29%	3.86%	0.95	2	135	165
21890	63	7%	1.64%	4.92%	0.93	4	120	180
2060	45	1%	0.22%	0.66%	0.99	2	135	165
880	40	9%	2.21%	6.64%	0.91	2	135	165
4320	35	8%	1.96%	5.89%	0.92	2	135	165
720	45	0%	0.00%	0.00%	1.00	2	135	165
27660	35	0%	0.07%	0.22%	1.00	2	135	165
4300	40	0%	0.05%	0.14%	1.00	2	135	165
9140	40	4%	1.11%	3.32%	0.96	2	135	165
260	25	1%	0.21%	0.63%	0.99	2	135	165
58020	35	1%	0.36%	1.09%	0.99	6	105	195
32470	35	2%	0.54%	1.61%	0.98	4	120	180
5300	40	1%	0.29%	0.87%	0.99	2	135	165
29860	45	3%	0.76%	2.27%	0.97	2	135	165
5050	40	1%	0.14%	0.43%	0.99	2	135	165
1410	45	4%	1.08%	3.25%	0.96	2	135	165
11220	50	5%	1.32%	3.97%	0.95	2	135	165
6700	45	7%	1.85%	5.54%	0.93	2	135	165
3320	45	1%	0.36%	1.08%	0.99	2	135	165
15160	15	1%	0.13%	0.39%	0.99	4	120	180
270	40	1%	0.18%	0.53%	0.99	2	135	165
390	30	0%	0.07%	0.20%	1.00	2	135	165
540	45	1%	0.16%	0.47%	0.99	2	135	165
3520	38	1%	0.22%	0.67%	0.99	3	127.5	172.5
300	25	0%	0.01%	0.04%	1.00	2	135	165
180940	21	2%	0.58%	1.73%	0.98	6	105	195

2016								
			24	75				
Daily Vol	Speed	Truck %	Med. Truck %	Heavy Truck %	Auto %	Lanes	Dist To Near CL	Dist. To Far CL
168080	27	2%	0.55%	1.64%	0.98	9	82.5	217.5
146360	32	3%	0.64%	1.91%	0.97	7	97.5	202.5
33240	40	0%	0.10%	0.29%	1.00	4	120	180
33240	40	1%	0.28%	0.84%	0.99	4	120	180
15350	30	0%	0.05%	0.14%	1.00	2	135	165
34960	45	1%	0.37%	1.12%	0.99	4	120	180
5460	30	0%	0.10%	0.29%	1.00	2	135	165
33730	45	1%	0.32%	0.95%	0.99	4	120	180
1070	45	2%	0.53%	1.59%	0.98	2	135	165
1010	45	0%	0.11%	0.32%	1.00	2	135	165
2360	45	1%	0.15%	0.46%	0.99	2	135	165
1650	35	1%	0.21%	0.62%	0.99	2	135	165
1450	45	1%	0.22%	0.67%	0.99	2	135	165
3840	35	2%	0.45%	1.35%	0.98	2	135	165
2250	45	3%	0.63%	1.88%	0.97	2	135	165
8330	40	11%	2.66%	7.98%	0.89	2	135	165
6440	25	0%	0.11%	0.33%	1.00	2	135	165
1490	20	0%	0.09%	0.26%	1.00	4	120	180
15840	20	1%	0.20%	0.61%	0.99	4	120	180
11640	25	1%	0.15%	0.45%	0.99	2	135	165
3880	25	1%	0.14%	0.41%	0.99	3	127.5	172.5
11790	20	1%	0.22%	0.67%	0.99	4	120	180
8070	25	1%	0.16%	0.47%	0.99	3	127.5	172.5
5280	25	1%	0.13%	0.38%	0.99	3	127.5	172.5
4840	25	1%	0.14%	0.42%	0.99	2	135	165
4460	20	0%	0.09%	0.27%	1.00	2	135	165
4580	25	1%	0.19%	0.56%	0.99	2	135	165
7620	20	0%	0.08%	0.25%	1.00	2	135	165
7560	25	0%	0.11%	0.34%	1.00	2	135	165
6260	25	0%	0.11%	0.32%	1.00	2	135	165
10040	10	0%	0.06%	0.18%	1.00	3	127.5	172.5
10080	20	0%	0.05%	0.14%	1.00	3	127.5	172.5
9240	20	1%	0.16%	0.47%	0.99	4	120	180
2540	20	1%	0.15%	0.45%	0.99	3	127.5	172.5
2880	20	1%	0.22%	0.66%	0.99	3	127.5	172.5
1830	20	0%	0.03%	0.09%	1.00	2	135	165
6030	20	0%	0.08%	0.23%	1.00	4	120	180
200	25	5%	1.15%	3.46%	0.95	2	135	165
790	35	10%	2.45%	7.36%	0.90	2	135	165
350	35	26%	6.48%	19.43%	0.74	2	135	165
4530	45	7%	1.79%	5.38%	0.93	2	135	165
730	45	1%	0.16%	0.47%	0.99	1	142.5	157.5
3270	45	2%	0.57%	1.72%	0.98	2	135	165
10830	35	0%	0.00%	0.01%	1.00	2	135	165
2730	40	0%	0.02%	0.07%	1.00	2	135	165
4310	20	1%	0.26%	0.78%	0.99	2	135	165
1690	20	2%	0.38%	1.15%	0.98	2	135	165
5240	20	1%	0.23%	0.70%	0.99	2	135	165

2016								
			24	75				
Daily Vol	Speed	Truck %	Med. Truck %	Heavy Truck %	Auto %	Lanes	Dist To Near CL	Dist. To Far CL
5130	20	1%	0.15%	0.44%	0.99	2	135	165
16400	25	1%	0.19%	0.56%	0.99	3	127.5	172.5
3820	20	1%	0.22%	0.65%	0.99	2	135	165
10540	20	0%	0.11%	0.34%	1.00	2	135	165
7790	20	1%	0.26%	0.77%	0.99	3	127.5	172.5
8900	25	1%	0.17%	0.52%	0.99	2	135	165
3960	25	1%	0.15%	0.44%	0.99	2	135	165
4070	20	1%	0.13%	0.39%	0.99	2	135	165
4280	20	0%	0.11%	0.34%	1.00	2	135	165
3260	20	0%	0.10%	0.30%	1.00	2	135	165
10060	45	1%	0.16%	0.47%	0.99	2	135	165
20540	40	0%	0.05%	0.16%	1.00	2	135	165
6110	35	1%	0.24%	0.73%	0.99	2	135	165
11470	50	1%	0.13%	0.38%	0.99	2	135	165
14010	40	1%	0.25%	0.76%	0.99	3	127.5	172.5
1400	45	0%	0.01%	0.03%	1.00	2	135	165
4780	55	2%	0.52%	1.57%	0.98	2	135	165
3160	40	1%	0.37%	1.10%	0.99	2	135	165
36600	63	7%	1.69%	5.06%	0.93	4	120	180
36600	63	7%	1.69%	5.06%	0.93	4	120	180
550	40	4%	0.95%	2.85%	0.96	2	135	165
19460	63	6%	1.61%	4.84%	0.94	4	120	180
3030	55	3%	0.86%	2.59%	0.97	2	135	165
7470	45	5%	1.34%	4.03%	0.95	2	135	165
10850	45	1%	0.34%	1.03%	0.99	2	135	165
10950	35	1%	0.29%	0.86%	0.99	4	120	180
6750	45	1%	0.22%	0.67%	0.99	2	135	165
7110	45	1%	0.23%	0.68%	0.99	2	135	165
2940	55	9%	2.27%	6.82%	0.91	2	135	165
540	30	2%	0.41%	1.22%	0.98	2	135	165
1000	45	3%	0.64%	1.92%	0.97	2	135	165
29580	45	1%	0.33%	0.98%	0.99	4	120	180
34720	45	2%	0.39%	1.17%	0.98	6	105	195
44000	45	1%	0.35%	1.06%	0.99	6	105	195
10810	50	3%	0.78%	2.35%	0.97	2	135	165
2460	40	2%	0.51%	1.52%	0.98	2	135	165
1370	45	2%	0.52%	1.55%	0.98	2	135	165
9470	45	3%	0.73%	2.20%	0.97	2	135	165
17270	50	2%	0.44%	1.33%	0.98	2	135	165
570	45	0%	0.09%	0.28%	1.00	2	135	165
730	25	0%	0.10%	0.30%	1.00	2	135	165
9450	25	1%	0.37%	1.10%	0.99	4	120	180
17350	35	0%	0.10%	0.30%	1.00	3	127.5	172.5
10190	45	5%	1.27%	3.80%	0.95	2	135	165
10190	45	5%	1.27%	3.80%	0.95	2	135	165
8600	55	7%	1.82%	5.46%	0.93	2	135	165
1090	40	2%	0.58%	1.73%	0.98	2	135	165
9090	55	7%	1.82%	5.47%	0.93	2	135	165

2016								
			24	75				
Daily Vol	Speed	Truck %	Med. Truck %	Heavy Truck %	Auto %	Lanes	Dist To Near CL	Dist. To Far CL
17360	45	7%	1.86%	5.59%	0.93	2	135	165
22400	40	10%	2.61%	7.82%	0.90	4	120	180
26630	35	9%	2.19%	6.57%	0.91	6	105	195
16290	45	12%	3.01%	9.02%	0.88	2	135	165
16600	40	7%	1.64%	4.91%	0.93	2	135	165
14200	40	9%	2.14%	6.41%	0.91	2	135	165
18800	45	7%	1.84%	5.52%	0.93	2	135	165
2920	35	1%	0.37%	1.10%	0.99	2	135	165
1710	45	1%	0.13%	0.38%	0.99	2	135	165
7200	35	3%	0.74%	2.21%	0.97	2	135	165
1680	35	14%	3.47%	10.41%	0.86	2	135	165
5190	45	3%	0.81%	2.44%	0.97	2	135	165
480	45	4%	0.97%	2.92%	0.96	2	135	165
6490	45	11%	2.67%	8.00%	0.89	2	135	165
1880	45	12%	3.00%	9.01%	0.88	2	135	165
5490	45	12%	2.92%	8.76%	0.88	2	135	165
1290	45	0%	0.07%	0.22%	1.00	2	135	165
6180	40	13%	3.18%	9.55%	0.87	2	135	165
8940	50	5%	1.17%	3.51%	0.95	2	135	165
1150	45	1%	0.26%	0.78%	0.99	2	135	165
1590	50	2%	0.39%	1.17%	0.98	2	135	165
9300	55	8%	2.00%	6.00%	0.92	2	135	165
1410	45	22%	5.53%	16.59%	0.78	2	135	165
920	45	2%	0.53%	1.58%	0.98	2	135	165
320	45	4%	0.98%	2.93%	0.96	2	135	165
7550	55	8%	2.01%	6.02%	0.92	2	135	165
600	40	1%	0.32%	0.97%	0.99	2	135	165
5200	45	2%	0.51%	1.53%	0.98	2	135	165
8680	45	1%	0.16%	0.49%	0.99	2	135	165
4190	35	0%	0.11%	0.32%	1.00	2	135	165
360	35	0%	0.06%	0.19%	1.00	2	135	165
2380	35	1%	0.37%	1.12%	0.99	2	135	165
1690	35	1%	0.13%	0.39%	0.99	2	135	165
710	35	1%	0.18%	0.55%	0.99	2	135	165
1000	25	0%	0.07%	0.21%	1.00	2	135	165
8170	35	4%	0.99%	2.96%	0.96	2	135	165
1130	45	6%	1.61%	4.84%	0.94	2	135	165
650	45	2%	0.59%	1.76%	0.98	2	135	165
1720	50	1%	0.31%	0.92%	0.99	2	135	165
14300	55	7%	1.70%	5.11%	0.93	2	135	165
1890	40	0%	0.08%	0.25%	1.00	4	120	180
6110	30	0%	0.02%	0.07%	1.00	2	135	165
2680	45	6%	1.51%	4.53%	0.94	2	135	165
8750	50	2%	0.38%	1.15%	0.98	2	135	165
160	45	1%	0.25%	0.74%	0.99	2	135	165
540	45	3%	0.75%	2.26%	0.97	2	135	165
400	45	3%	0.76%	2.27%	0.97	2	135	165
2370	45	5%	1.36%	4.09%	0.95	2	135	165

2016								
			24	75				
Daily Vol	Speed	Truck %	Med. Truck %	Heavy Truck %	Auto %	Lanes	Dist To Near CL	Dist. To Far CL
1070	50	1%	0.26%	0.77%	0.99	2	135	165
750	50	4%	1.08%	3.25%	0.96	2	135	165
570	50	0%	0.07%	0.20%	1.00	2	135	165
6740	45	3%	0.83%	2.48%	0.97	2	135	165
1550	55	4%	1.11%	3.34%	0.96	2	135	165
1640	45	1%	0.19%	0.56%	0.99	2	135	165
540	45	1%	0.26%	0.77%	0.99	2	135	165
18000	63	3%	0.85%	2.55%	0.97	4	120	180
1880	50	9%	2.33%	6.98%	0.91	2	135	165
900	50	1%	0.14%	0.41%	0.99	2	135	165
6290	45	5%	1.20%	3.61%	0.95	2	135	165
20400	63	3%	0.86%	2.57%	0.97	4	120	180
1990	45	2%	0.51%	1.54%	0.98	2	135	165
830	45	1%	0.25%	0.74%	0.99	2	135	165
117400	21	2%	0.46%	1.39%	0.98	5	112.5	187.5
39400	40	2%	0.57%	1.72%	0.98	4	120	180
13900	55	7%	1.76%	5.27%	0.93	2	135	165
193660	59	6%	1.48%	4.43%	0.94	16	30	270
44710	65	12%	3.04%	9.13%	0.88	4	120	180
31050	65	21%	5.17%	15.52%	0.79	4	120	180
24400	70	25%	6.19%	18.57%	0.75	4	120	180
11650	45	4%	1.09%	3.27%	0.96	2	135	165
32410	47	2%	0.54%	1.63%	0.98	4	120	180
9300	50	8%	2.00%	6.00%	0.92	2	135	165
16500	40	1%	0.16%	0.49%	0.99	4	120	180
10700	45	0%	0.09%	0.26%	1.00	2	135	165
25190	50	1%	0.32%	0.95%	0.99	4	120	180
8000	20	1%	0.17%	0.50%	0.99	2	135	165
15290	30	1%	0.17%	0.51%	0.99	2	135	165
60010	21	1%	0.37%	1.11%	0.99	4	120	180
40000	40	3%	0.67%	2.01%	0.97	4	120	180
84000	58	13%	3.23%	9.70%	0.87	8	90	210
127350	32	5%	1.15%	3.44%	0.95	6	105	195
44240	58	11%	2.79%	8.37%	0.89	4	120	180
29000	58	21%	5.13%	15.38%	0.79	4	120	180
4240	45	1%	0.14%	0.43%	0.99	2	135	165
80050	63	12%	3.12%	9.35%	0.88	8	90	210
21640	55	7%	1.83%	5.48%	0.93	4	120	180
16320	50	7%	1.82%	5.46%	0.93	4	120	180
14020	45	6%	1.52%	4.55%	0.94	2	135	165
43530	50	8%	1.91%	5.72%	0.92	8	90	210
20300	45	8%	1.99%	5.98%	0.92	4	120	180
21800	45	10%	2.51%	7.52%	0.90	4	120	180
32800	40	3%	0.83%	2.48%	0.97	4	120	180
20800	50	4%	1.09%	3.27%	0.96	2	135	165
5250	55	9%	2.21%	6.63%	0.91	2	135	165
2930	55	3%	0.86%	2.58%	0.97	2	135	165
1100	50	0%	0.00%	0.00%	1.00	2	135	165

2016								
			24	75				
Daily Vol	Speed	Truck %	Med. Truck %	Heavy Truck %	Auto %	Lanes	Dist To Near CL	Dist. To Far CL
2570	45	0%	0.12%	0.35%	1.00	2	135	165
11140	40	2%	0.45%	1.36%	0.98	2	135	165
2910	45	2%	0.40%	1.21%	0.98	2	135	165
3360	45	12%	3.06%	9.18%	0.88	2	135	165
9100	58	4%	0.89%	2.67%	0.96	4	120	180
82000	32	11%	2.84%	8.51%	0.89	4	120	180
80050	32	12%	2.89%	8.66%	0.88	4	120	180
35700	70	26%	6.46%	19.39%	0.74	4	120	180
39600	70	18%	4.56%	13.68%	0.82	4	120	180
20510	58	21%	5.36%	16.08%	0.79	4	120	180
9790	55	9%	2.14%	6.43%	0.91	2	135	165
630	45	4%	1.09%	3.26%	0.96	1	142.5	157.5
133000	63	3%	0.86%	2.58%	0.97	6	105	195
85110	50	4%	0.94%	2.81%	0.96	11	67.5	232.5
169560	42	4%	0.96%	2.87%	0.96	10	75	225
198420	42	4%	0.94%	2.82%	0.96	9	82.5	217.5
210310	63	4%	0.97%	2.92%	0.96	10	75	225
195320	63	4%	0.98%	2.95%	0.96	10	75	225
136500	63	4%	1.00%	3.00%	0.96	8	90	210
134400	63	4%	1.06%	3.17%	0.96	8	90	210
140700	63	4%	1.06%	3.19%	0.96	8	90	210
152000	61	5%	1.20%	3.60%	0.95	10	75	225
95000	63	5%	1.18%	3.55%	0.95	8	90	210
89480	32	4%	1.06%	3.18%	0.96	6	105	195
155300	33	4%	0.90%	2.69%	0.96	6	105	195
16520	30	0%	0.07%	0.22%	1.00	2	135	165
19650	30	1%	0.13%	0.39%	0.99	2	135	165
14610	35	1%	0.16%	0.49%	0.99	4	120	180
14320	45	2%	0.42%	1.27%	0.98	2	135	165
18370	40	1%	0.34%	1.03%	0.99	2	135	165
37660	45	1%	0.36%	1.09%	0.99	6	105	195
12460	35	1%	0.13%	0.38%	0.99	8	90	210
37490	35	0%	0.10%	0.30%	1.00	5	112.5	187.5
60430	30	1%	0.15%	0.45%	0.99	4	120	180
45200	30	0%	0.06%	0.19%	1.00	4	120	180
60420	40	0%	0.12%	0.37%	1.00	6	105	195
36700	40	1%	0.17%	0.51%	0.99	6	105	195
42100	40	1%	0.14%	0.42%	0.99	6	105	195
16550	40	1%	0.13%	0.39%	0.99	4	120	180
21500	35	0%	0.11%	0.32%	1.00	4	120	180
20060	40	0%	0.10%	0.30%	1.00	4	120	180
24990	20	1%	0.15%	0.46%	0.99	4	120	180
22200	25	0%	0.09%	0.28%	1.00	4	120	180
52930	45	2%	0.41%	1.23%	0.98	6	105	195
10050	40	1%	0.13%	0.39%	0.99	2	135	165
14610	30	1%	0.23%	0.69%	0.99	4	120	180
19180	35	1%	0.14%	0.41%	0.99	4	120	180
12720	35	0%	0.07%	0.21%	1.00	2	135	165

2016								
			24	75				
Daily Vol	Speed	Truck %	Med. Truck %	Heavy Truck %	Auto %	Lanes	Dist To Near CL	Dist. To Far CL
11240	30	0%	0.08%	0.25%	1.00	2	135	165
15770	30	2%	0.47%	1.41%	0.98	2	135	165
7010	40	1%	0.32%	0.95%	0.99	2	135	165
8710	40	0%	0.09%	0.26%	1.00	4	120	180
18660	40	0%	0.11%	0.34%	1.00	4	120	180
7260	40	0%	0.02%	0.07%	1.00	4	120	180
10230	35	0%	0.07%	0.22%	1.00	2	135	165
19380	30	2%	0.43%	1.29%	0.98	4	120	180
8730	30	0%	0.03%	0.10%	1.00	2	135	165
13770	30	0%	0.07%	0.20%	1.00	4	120	180
11210	45	4%	0.93%	2.80%	0.96	4	120	180
12550	30	0%	0.05%	0.15%	1.00	4	120	180
19140	40	0%	0.09%	0.27%	1.00	4	120	180
24910	40	1%	0.13%	0.39%	0.99	4	120	180
14730	35	0%	0.11%	0.33%	1.00	4	120	180
24180	30	1%	0.15%	0.45%	0.99	4	120	180
17990	35	0%	0.06%	0.18%	1.00	8	90	210
21430	35	1%	0.15%	0.44%	0.99	4	120	180
7570	40	0%	0.08%	0.24%	1.00	4	120	180
9630	40	0%	0.06%	0.17%	1.00	2	135	165
137820	50	7%	1.64%	4.92%	0.93	6	105	195
148780	42	6%	1.38%	4.14%	0.94	6	105	195
160000	52	5%	1.16%	3.49%	0.95	8	90	210
203820	42	4%	1.01%	3.04%	0.96	8	90	210
197230	63	4%	0.94%	2.82%	0.96	8	90	210
231170	61	3%	0.85%	2.55%	0.97	10	75	225
240430	59	3%	0.76%	2.29%	0.97	10	75	225
80050	32	12%	2.89%	8.66%	0.88	4	120	180
82000	32	11%	2.84%	8.51%	0.89	4	120	180
23200	60	4%	0.98%	2.95%	0.96	4	120	180
24000	60	2%	0.45%	1.34%	0.98	4	120	180
43500	63	2%	0.45%	1.35%	0.98	4	120	180
13900	70	29%	7.36%	22.07%	0.71	4	120	180
21900	70	19%	4.66%	13.97%	0.81	4	120	180
22100	70	18%	4.47%	13.40%	0.82	4	120	180

2040								
			24	75				
Daily Vol	Speed	Truck %	Med. Truck %	Heavy Truck %	Truck %	Lanes	Dist To Near CL	Dist. To Far CL
86500	21	0.181163	4.5%	13.6%	82%	8	90	210
118410	32	0.140624	3.5%	10.5%	86%	8	90	210
130980	21	0.117128	2.9%	8.8%	88%	9	82.5	217.5
151180	25	0.100357	2.5%	7.5%	90%	10	75	225
181590	32	0.077858	1.9%	5.8%	92%	10	75	225
249260	40	0.055444	1.4%	4.2%	94%	12	60	240
227880	31	0.061709	1.5%	4.6%	94%	12	60	240
176950	40	0.062931	1.6%	4.7%	94%	12	60	240
156030	40	0.072842	1.8%	5.5%	93%	10	75	225
173940	31	0.080181	2.0%	6.0%	92%	10	75	225
107880	22	0.083697	2.1%	6.3%	92%	7	97.5	202.5
83100	33	0.106302	2.7%	8.0%	89%	4	120	180
75070	33	0.105612	2.6%	7.9%	89%	4	120	180
19940	30	0.024529	0.6%	1.8%	98%	4	120	180
19270	30	0.008775	0.2%	0.7%	99%	3	127.5	172.5
26360	40	0.010746	0.3%	0.8%	99%	4	120	180
24800	25	0.0178	0.4%	1.3%	98%	4	120	180
6470	20	0.015772	0.4%	1.2%	98%	4	120	180
14560	20	0.005835	0.1%	0.4%	99%	4	120	180
8470	25	0.018373	0.5%	1.4%	98%	3	127.5	172.5
11810	25	0.019084	0.5%	1.4%	98%	4	120	180
8480	25	0.009534	0.2%	0.7%	99%	2	135	165
7350	25	0.010196	0.3%	0.8%	99%	2	135	165
11790	25	0.00342	0.1%	0.3%	100%	2	135	165
12030	25	0.002239	0.1%	0.2%	100%	4	120	180
12810	20	0.002803	0.1%	0.2%	100%	3	127.5	172.5
7440	45	0.00984	0.2%	0.7%	99%	4	120	180
5920	45	0.005501	0.1%	0.4%	99%	2	135	165
11120	50	0.006285	0.2%	0.5%	99%	4	120	180
21900	50	0.006806	0.2%	0.5%	99%	4	120	180
34270	40	0.012439	0.3%	0.9%	99%	4	120	180
17030	30	0.002247	0.1%	0.2%	100%	2	135	165
19320	40	0.001736	0.0%	0.1%	100%	4	120	180
12060	40	0.001685	0.0%	0.1%	100%	6	105	195
3810	40	0.009267	0.2%	0.7%	99%	4	120	180
39960	35	0.020756	0.5%	1.6%	98%	4	120	180
61790	40	0.019155	0.5%	1.4%	98%	8	90	210
17700	45	0.009856	0.2%	0.7%	99%	4	120	180
61460	35	0.004294	0.1%	0.3%	100%	6	105	195
56850	35	0.004378	0.1%	0.3%	100%	6	105	195
16170	25	0.023084	0.6%	1.7%	98%	4	120	180
26580	45	0.01786	0.4%	1.3%	98%	4	120	180
39700	35	0.017539	0.4%	1.3%	98%	6	105	195
33120	35	0.002526	0.1%	0.2%	100%	4	120	180
46080	35	0.001513	0.0%	0.1%	100%	6	105	195
47110	45	0.005124	0.1%	0.4%	99%	6	105	195
5330	45	0.014189	0.4%	1.1%	99%	4	120	180
5130	35	0.009424	0.2%	0.7%	99%	2	135	165

2040								
			24	75				
Daily Vol	Speed	Truck %	Med. Truck %	Heavy Truck %	Truck %	Lanes	Dist To Near CL	Dist. To Far CL
3660	40	0.002441	0.1%	0.2%	100%	2	135	165
37600	40	0.002681	0.1%	0.2%	100%	6	105	195
34130	40	0.002673	0.1%	0.2%	100%	4	120	180
13460	45	0.026625	0.7%	2.0%	97%	4	120	180
6990	40	0.004979	0.1%	0.4%	100%	2	135	165
8550	45	0.00912	0.2%	0.7%	99%	4	120	180
60050	45	0.012384	0.3%	0.9%	99%	6	105	195
8610	35	0.006922	0.2%	0.5%	99%	4	120	180
21520	35	0.010905	0.3%	0.8%	99%	4	120	180
10950	30	0.002169	0.1%	0.2%	100%	4	120	180
27510	40	0.004337	0.1%	0.3%	100%	4	120	180
19050	35	0.015349	0.4%	1.2%	98%	4	120	180
33450	40	0.010861	0.3%	0.8%	99%	4	120	180
26920	40	0.004125	0.1%	0.3%	100%	4	120	180
58860	40	0.008267	0.2%	0.6%	99%	6	105	195
27070	30	0.000496	0.0%	0.0%	100%	4	120	180
56400	40	0.002703	0.1%	0.2%	100%	8	90	210
50570	40	0.006657	0.2%	0.5%	99%	6	105	195
8160	30	0.000353	0.0%	0.0%	100%	4	120	180
3550	20	0.001501	0.0%	0.1%	100%	2	135	165
40280	40	0.003757	0.1%	0.3%	100%	5	112.5	187.5
14800	35	0.011641	0.3%	0.9%	99%	4	120	180
32830	35	0.011443	0.3%	0.9%	99%	4	120	180
19880	35	0.0052	0.1%	0.4%	99%	4	120	180
28540	45	0.00417	0.1%	0.3%	100%	4	120	180
13430	35	0.001107	0.0%	0.1%	100%	2	135	165
32720	50	0.008785	0.2%	0.7%	99%	4	120	180
12190	40	0.024686	0.6%	1.9%	98%	2	135	165
16200	40	0.010858	0.3%	0.8%	99%	4	120	180
5560	40	0.012327	0.3%	0.9%	99%	2	135	165
59640	40	0.008093	0.2%	0.6%	99%	6	105	195
36560	35	0.010426	0.3%	0.8%	99%	4	120	180
31440	25	0.004879	0.1%	0.4%	100%	4	120	180
45320	30	0.013757	0.3%	1.0%	99%	5	112.5	187.5
28700	50	0.025315	0.6%	1.9%	97%	4	120	180
24950	40	0.010188	0.3%	0.8%	99%	4	120	180
6020	45	0.013706	0.3%	1.0%	99%	6	105	195
16640	40	0.002272	0.1%	0.2%	100%	2	135	165
510	25	0.018517	0.5%	1.4%	98%	2	135	165
9850	35	0.001983	0.0%	0.1%	100%	4	120	180
5840	35	0.001017	0.0%	0.1%	100%	2	135	165
2140	45	0.008384	0.2%	0.6%	99%	2	135	165
1340	25	0.001127	0.0%	0.1%	100%	2	135	165
3200	35	0.006019	0.2%	0.5%	99%	2	135	165
6070	25	0.043667	1.1%	3.3%	96%	2	135	165
12800	30	0.012253	0.3%	0.9%	99%	2	135	165
21170	35	0.005437	0.1%	0.4%	99%	4	120	180
15590	35	0.003084	0.1%	0.2%	100%	2	135	165

2040

24 75

Daily Vol	Speed	Truck %	Med. Truck %	Heavy Truck %	Truck %	Lanes	Dist To Near CL	Dist. To Far CL
11770	35	0.002124	0.1%	0.2%	100%	2	135	165
3850	35	0.003101	0.1%	0.2%	100%	2	135	165
2990	35	0.001383	0.0%	0.1%	100%	2	135	165
3010	35	0.003974	0.1%	0.3%	100%	2	135	165
2730	35	0.005138	0.1%	0.4%	99%	2	135	165
1370	35	0.004365	0.1%	0.3%	100%	2	135	165
3390	35	0.025633	0.6%	1.9%	97%	2	135	165
7890	25	0.002081	0.1%	0.2%	100%	2	135	165
6560	35	0.002081	0.1%	0.2%	100%	2	135	165
7480	25	0.002081	0.1%	0.2%	100%	2	135	165
9400	25	0.001068	0.0%	0.1%	100%	2	135	165
10610	25	0.001068	0.0%	0.1%	100%	2	135	165
12800	35	0.012253	0.3%	0.9%	99%	2	135	165
42530	40	0.003431	0.1%	0.3%	100%	5	112.5	187.5
25230	40	0.003267	0.1%	0.2%	100%	4	120	180
20480	40	0.003999	0.1%	0.3%	100%	4	120	180
13730	40	0.004111	0.1%	0.3%	100%	2	135	165
4440	40	0.006272	0.2%	0.5%	99%	2	135	165
2190	25	0.007375	0.2%	0.6%	99%	2	135	165
4710	35	0.002006	0.1%	0.2%	100%	2	135	165
2470	25	0.136238	3.4%	10.2%	86%	2	135	165
10480	40	0.003527	0.1%	0.3%	100%	2	135	165
28480	40	0.001971	0.0%	0.1%	100%	2	135	165
580	25	0.001114	0.0%	0.1%	100%	2	135	165
35780	35	0.00315	0.1%	0.2%	100%	4	120	180
30310	35	0.003203	0.1%	0.2%	100%	4	120	180
19420	35	0.00399	0.1%	0.3%	100%	4	120	180
18150	35	0.003581	0.1%	0.3%	100%	2	135	165
13290	35	0.003495	0.1%	0.3%	100%	2	135	165
15160	35	0.002847	0.1%	0.2%	100%	2	135	165
13870	35	0.002215	0.1%	0.2%	100%	2	135	165
8090	35	0.002064	0.1%	0.2%	100%	2	135	165
5360	35	0.002973	0.1%	0.2%	100%	2	135	165
8640	35	0.006719	0.2%	0.5%	99%	2	135	165
4620	35	0.001402	0.0%	0.1%	100%	2	135	165
6770	35	0.011416	0.3%	0.9%	99%	2	135	165
3680	35	0.002645	0.1%	0.2%	100%	2	135	165
1010	25	0.001705	0.0%	0.1%	100%	2	135	165
1360	45	0.006326	0.2%	0.5%	99%	2	135	165
8140	30	0.003106	0.1%	0.2%	100%	4	120	180
12850	55	0.038044	1.0%	2.9%	96%	2	135	165
4410	45	0.008384	0.2%	0.6%	99%	2	135	165
3990	45	0.004176	0.1%	0.3%	100%	2	135	165
4540	45	0.004057	0.1%	0.3%	100%	2	135	165
710	35	0.011752	0.3%	0.9%	99%	2	135	165
14150	45	0.012913	0.3%	1.0%	99%	4	120	180
1080	35	0.000362	0.0%	0.0%	100%	2	135	165
4300	35	0.001115	0.0%	0.1%	100%	2	135	165

2040								
			24	75				
Daily Vol	Speed	Truck %	Med. Truck %	Heavy Truck %	Truck %	Lanes	Dist To Near CL	Dist. To Far CL
2800	25	0.001271	0.0%	0.1%	100%	2	135	165
1990	25	0.001273	0.0%	0.1%	100%	2	135	165
13730	45	0.014582	0.4%	1.1%	99%	2	135	165
9370	45	0.015914	0.4%	1.2%	98%	2	135	165
3360	45	0.000857	0.0%	0.1%	100%	2	135	165
4770	25	0.004174	0.1%	0.3%	100%	2	135	165
7650	35	0.004473	0.1%	0.3%	100%	2	135	165
3060	35	0.005853	0.1%	0.4%	99%	2	135	165
9800	35	0.015791	0.4%	1.2%	98%	2	135	165
16850	35	0.018715	0.5%	1.4%	98%	2	135	165
16320	35	0.025435	0.6%	1.9%	97%	2	135	165
14480	35	0.037788	0.9%	2.8%	96%	2	135	165
13130	35	0.026715	0.7%	2.0%	97%	2	135	165
6930	35	0.003258	0.1%	0.2%	100%	2	135	165
5060	35	0.005522	0.1%	0.4%	99%	2	135	165
4740	40	0.006767	0.2%	0.5%	99%	4	120	180
2280	35	0.008502	0.2%	0.6%	99%	2	135	165
860	35	0.006088	0.2%	0.5%	99%	2	135	165
3240	35	0.003482	0.1%	0.3%	100%	2	135	165
7570	35	0.002135	0.1%	0.2%	100%	2	135	165
750	35	0.004785	0.1%	0.4%	100%	2	135	165
6020	45	0.023814	0.6%	1.8%	98%	2	135	165
250	25	0.003503	0.1%	0.3%	100%	2	135	165
1890	25	0.003735	0.1%	0.3%	100%	2	135	165
5190	25	0.000213	0.0%	0.0%	100%	2	135	165
7400	35	0.003389	0.1%	0.3%	100%	2	135	165
13990	35	0.001682	0.0%	0.1%	100%	4	120	180
8930	35	0.001533	0.0%	0.1%	100%	4	120	180
7910	35	0.001361	0.0%	0.1%	100%	2	135	165
2620	40	0.000763	0.0%	0.1%	100%	2	135	165
530	25	0.001404	0.0%	0.1%	100%	2	135	165
3390	35	0.002939	0.1%	0.2%	100%	2	135	165
12970	45	0.010959	0.3%	0.8%	99%	4	120	180
13410	40	0.010197	0.3%	0.8%	99%	4	120	180
1000	40	0.033501	0.8%	2.5%	97%	2	135	165
20830	40	0.004806	0.1%	0.4%	100%	4	120	180
7000	35	0.018522	0.5%	1.4%	98%	2	135	165
14730	35	0.003026	0.1%	0.2%	100%	4	120	180
4710	35	0.007227	0.2%	0.5%	99%	2	135	165
3570	25	0.003297	0.1%	0.2%	100%	2	135	165
8970	35	0.00454	0.1%	0.3%	100%	2	135	165
11370	35	0.004584	0.1%	0.3%	100%	2	135	165
3930	45	0.002062	0.1%	0.2%	100%	2	135	165
2630	25	0.001802	0.0%	0.1%	100%	2	135	165
27000	45	0.012181	0.3%	0.9%	99%	4	120	180
32740	45	0.010333	0.3%	0.8%	99%	4	120	180
19310	45	0.011814	0.3%	0.9%	99%	4	120	180
25600	45	0.007453	0.2%	0.6%	99%	6	105	195

2040								
			24	75				
Daily Vol	Speed	Truck %	Med. Truck %	Heavy Truck %	Truck %	Lanes	Dist To Near CL	Dist. To Far CL
41100	40	0.014508	0.4%	1.1%	99%	4	120	180
29240	40	0.019921	0.5%	1.5%	98%	4	120	180
7460	55	0.016535	0.4%	1.2%	98%	2	135	165
9340	55	0.013912	0.3%	1.0%	99%	4	120	180
12920	40	0.002609	0.1%	0.2%	100%	4	120	180
18140	40	0.003165	0.1%	0.2%	100%	4	120	180
4410	40	0.003125	0.1%	0.2%	100%	2	135	165
19370	45	0.005049	0.1%	0.4%	99%	2	135	165
42190	40	0.004108	0.1%	0.3%	100%	6	105	195
42850	40	0.004163	0.1%	0.3%	100%	6	105	195
15810	35	0.001254	0.0%	0.1%	100%	4	120	180
14440	45	0.005049	0.1%	0.4%	99%	2	135	165
2010	25	0.00015	0.0%	0.0%	100%	2	135	165
26110	40	0.010652	0.3%	0.8%	99%	4	120	180
29090	40	0.014326	0.4%	1.1%	99%	4	120	180
27490	40	0.012401	0.3%	0.9%	99%	4	120	180
29930	40	0.006682	0.2%	0.5%	99%	4	120	180
980	45	0.176131	4.4%	13.2%	82%	2	135	165
34390	45	0.003166	0.1%	0.2%	100%	6	105	195
33420	45	0.004811	0.1%	0.4%	100%	4	120	180
68060	40	0.013191	0.3%	1.0%	99%	6	105	195
42670	45	0.016004	0.4%	1.2%	98%	4	120	180
2700	30	0.002078	0.1%	0.2%	100%	2	135	165
34640	40	0.005908	0.1%	0.4%	99%	4	120	180
8610	40	0.081325	2.0%	6.1%	92%	4	120	180
57180	40	0.008255	0.2%	0.6%	99%	6	105	195
26660	40	0.00785	0.2%	0.6%	99%	4	120	180
32470	40	0.009973	0.2%	0.7%	99%	5	112.5	187.5
8830	40	0.002314	0.1%	0.2%	100%	2	135	165
3620	30	0.011131	0.3%	0.8%	99%	2	135	165
17440	40	0.008265	0.2%	0.6%	99%	4	120	180
7170	30	0.002893	0.1%	0.2%	100%	2	135	165
54870	45	0.008062	0.2%	0.6%	99%	6	105	195
43520	45	0.008379	0.2%	0.6%	99%	5	112.5	187.5
34120	45	0.00688	0.2%	0.5%	99%	4	120	180
26850	45	0.005496	0.1%	0.4%	99%	4	120	180
10010	40	0.014529	0.4%	1.1%	99%	2	135	165
8290	30	0.000907	0.0%	0.1%	100%	2	135	165
8330	35	0.003064	0.1%	0.2%	100%	2	135	165
6360	25	0.004073	0.1%	0.3%	100%	2	135	165
2080	45	0.025651	0.6%	1.9%	97%	2	135	165
2230	45	0.044696	1.1%	3.4%	96%	2	135	165
9730	35	0.001928	0.0%	0.1%	100%	4	120	180
7090	30	0.003619	0.1%	0.3%	100%	4	120	180
9550	40	0.002378	0.1%	0.2%	100%	2	135	165
9470	35	0.007109	0.2%	0.5%	99%	2	135	165
8510	35	0.006756	0.2%	0.5%	99%	2	135	165
3000	30	0.003393	0.1%	0.3%	100%	2	135	165

2040

24 75

Daily Vol	Speed	Truck %	Med. Truck %	Heavy Truck %	Truck %	Lanes	Dist To Near CL	Dist. To Far CL
39110	25	0.024104	0.6%	1.8%	98%	4	120	180
31920	35	0.020292	0.5%	1.5%	98%	4	120	180
11450	35	0.013006	0.3%	1.0%	99%	2	135	165
510	40	0.014372	0.4%	1.1%	99%	2	135	165
6100	45	0.003211	0.1%	0.2%	100%	2	135	165
1600	35	0.000973	0.0%	0.1%	100%	2	135	165
13510	45	0.003063	0.1%	0.2%	100%	2	135	165
13160	35	0.003028	0.1%	0.2%	100%	2	135	165
1370	20	0.000139	0.0%	0.0%	100%	2	135	165
3130	40	0.003265	0.1%	0.2%	100%	2	135	165
35640	45	0.014934	0.4%	1.1%	99%	4	120	180
42790	40	0.012789	0.3%	1.0%	99%	4	120	180
48760	40	0.012118	0.3%	0.9%	99%	6	105	195
61650	40	0.010945	0.3%	0.8%	99%	6	105	195
22790	35	0.007092	0.2%	0.5%	99%	2	135	165
43360	40	0.010258	0.3%	0.8%	99%	4	120	180
37780	30	0.0122	0.3%	0.9%	99%	4	120	180
17390	35	0.009057	0.2%	0.7%	99%	2	135	165
49650	45	0.012353	0.3%	0.9%	99%	6	105	195
51110	45	0.012197	0.3%	0.9%	99%	6	105	195
94800	45	0.009674	0.2%	0.7%	99%	6	105	195
5620	45	0.109456	2.7%	8.2%	89%	2	135	165
7940	45	0.070328	1.8%	5.3%	93%	2	135	165
1820	35	0.003825	0.1%	0.3%	100%	2	135	165
23320	40	0.004745	0.1%	0.4%	100%	4	120	180
109750	45	0.009179	0.2%	0.7%	99%	6	105	195
52300	40	0.013348	0.3%	1.0%	99%	6	105	195
59100	40	0.01129	0.3%	0.8%	99%	6	105	195
57400	40	0.012492	0.3%	0.9%	99%	6	105	195
83000	45	0.015239	0.4%	1.1%	98%	8	90	210
56470	45	0.013341	0.3%	1.0%	99%	4	120	180
22790	45	0.044054	1.1%	3.3%	96%	4	120	180
16500	45	0.044054	1.1%	3.3%	96%	4	120	180
21160	25	0.004267	0.1%	0.3%	100%	2	135	165
14630	35	0.00257	0.1%	0.2%	100%	4	120	180
12050	25	0.001859	0.0%	0.1%	100%	2	135	165
1640	30	0.014355	0.4%	1.1%	99%	2	135	165
10750	20	0.011115	0.3%	0.8%	99%	4	120	180
10900	20	0.038803	1.0%	2.9%	96%	4	120	180
2990	25	0.004166	0.1%	0.3%	100%	4	120	180
10410	25	0.002007	0.1%	0.2%	100%	2	135	165
11660	20	0.001942	0.0%	0.1%	100%	2	135	165
35990	40	0.008729	0.2%	0.7%	99%	4	120	180
27830	40	0.009888	0.2%	0.7%	99%	4	120	180
19170	40	0.007312	0.2%	0.5%	99%	4	120	180
18020	40	0.007205	0.2%	0.5%	99%	4	120	180
16310	40	0.007808	0.2%	0.6%	99%	4	120	180
35340	40	0.00821	0.2%	0.6%	99%	6	105	195

2040								
			24	75				
Daily Vol	Speed	Truck %	Med. Truck %	Heavy Truck %	Truck %	Lanes	Dist To Near CL	Dist. To Far CL
33330	40	0.008729	0.2%	0.7%	99%	6	105	195
13230	40	0.002039	0.1%	0.2%	100%	4	120	180
15540	35	0.000921	0.0%	0.1%	100%	4	120	180
12060	35	0.000921	0.0%	0.1%	100%	4	120	180
12060	35	0.002499	0.1%	0.2%	100%	4	120	180
22480	35	0.001605	0.0%	0.1%	100%	4	120	180
31330	40	0.005791	0.1%	0.4%	99%	6	105	195
4490	20	0.004069	0.1%	0.3%	100%	2	135	165
26260	30	0.008196	0.2%	0.6%	99%	4	120	180
25100	40	0.005733	0.1%	0.4%	99%	6	105	195
19570	30	0.008914	0.2%	0.7%	99%	4	120	180
20260	35	0.00699	0.2%	0.5%	99%	4	120	180
16890	35	0.004826	0.1%	0.4%	100%	4	120	180
19670	45	0.020437	0.5%	1.5%	98%	6	105	195
19820	40	0.005928	0.1%	0.4%	99%	4	120	180
30000	45	0.01786	0.4%	1.3%	98%	4	120	180
11180	20	0.00306	0.1%	0.2%	100%	2	135	165
4860	35	0.002642	0.1%	0.2%	100%	4	120	180
19600	35	0.004743	0.1%	0.4%	100%	6	105	195
13980	35	0.001063	0.0%	0.1%	100%	6	105	195
21280	35	0.00733	0.2%	0.5%	99%	6	105	195
30280	40	0.006302	0.2%	0.5%	99%	6	105	195
28420	40	0.006321	0.2%	0.5%	99%	6	105	195
24630	40	0.006103	0.2%	0.5%	99%	6	105	195
32350	35	0.00654	0.2%	0.5%	99%	6	105	195
8470	25	0.005117	0.1%	0.4%	99%	4	120	180
14760	35	0.002401	0.1%	0.2%	100%	6	105	195
6440	20	0.004392	0.1%	0.3%	100%	2	135	165
67730	19	0.026258	0.7%	2.0%	97%	4	120	180
77130	39	0.021023	0.5%	1.6%	98%	8	90	210
75680	58	0.020157	0.5%	1.5%	98%	9	82.5	217.5
102350	42	0.017697	0.4%	1.3%	98%	7	97.5	202.5
109600	42	0.018465	0.5%	1.4%	98%	7	97.5	202.5
161840	42	0.022782	0.6%	1.7%	98%	10	75	225
184940	42	0.024354	0.6%	1.8%	98%	12	60	240
238970	42	0.025467	0.6%	1.9%	97%	12	60	240
238220	21	0.024927	0.6%	1.9%	98%	11	67.5	232.5
225780	31	0.02534	0.6%	1.9%	97%	12	60	240
263140	32	0.032972	0.8%	2.5%	97%	10	75	225
304800	35	0.044857	1.1%	3.4%	96%	13	52.5	247.5
166050	32	0.027421	0.7%	2.1%	97%	10	75	225
99530	31	0.031848	0.8%	2.4%	97%	11	67.5	232.5
77170	32	0.031691	0.8%	2.4%	97%	10	75	225
96960	40	0.017295	0.4%	1.3%	98%	9	82.5	217.5
263640	40	0.032735	0.8%	2.5%	97%	12	60	240
11990	25	0.005581	0.1%	0.4%	99%	2	135	165
12940	25	0.006497	0.2%	0.5%	99%	2	135	165
36860	28	0.012141	0.3%	0.9%	99%	4	120	180

2040								
			24	75				
Daily Vol	Speed	Truck %	Med. Truck %	Heavy Truck %	Truck %	Lanes	Dist To Near CL	Dist. To Far CL
10090	20	0.009313	0.2%	0.7%	99%	2	135	165
12210	20	0.0117	0.3%	0.9%	99%	2	135	165
10210	20	0.016072	0.4%	1.2%	98%	2	135	165
10490	20	0.006587	0.2%	0.5%	99%	4	120	180
12360	20	0.007068	0.2%	0.5%	99%	3	127.5	172.5
11330	25	0.019329	0.5%	1.4%	98%	4	120	180
13060	25	0.018373	0.5%	1.4%	98%	3	127.5	172.5
6810	20	0.004704	0.1%	0.4%	100%	1	142.5	157.5
27200	20	0.004956	0.1%	0.4%	100%	6	105	195
16340	20	0.014752	0.4%	1.1%	99%	4	120	180
2760	20	0.001861	0.0%	0.1%	100%	2	135	165
39910	30	0.020957	0.5%	1.6%	98%	4	120	180
29350	25	0.017143	0.4%	1.3%	98%	4	120	180
21800	25	0.016863	0.4%	1.3%	98%	4	120	180
9670	20	0.010647	0.3%	0.8%	99%	4	120	180
23670	20	0.016354	0.4%	1.2%	98%	6	105	195
39790	35	0.00433	0.1%	0.3%	100%	4	120	180
70960	45	0.011569	0.3%	0.9%	99%	4	120	180
25500	40	0.00927	0.2%	0.7%	99%	4	120	180
27170	20	0.002321	0.1%	0.2%	100%	2	135	165
600	35	0.004271	0.1%	0.3%	100%	2	135	165
48870	25	0.011539	0.3%	0.9%	99%	4	120	180
4230	45	0.065418	1.6%	4.9%	93%	2	135	165
27710	63	0.070994	1.8%	5.3%	93%	4	120	180
3580	45	0.019373	0.5%	1.5%	98%	2	135	165
1390	40	0.089664	2.2%	6.7%	91%	2	135	165
5020	35	0.066322	1.7%	5.0%	93%	2	135	165
830	45	0	0.0%	0.0%	100%	2	135	165
35590	35	0.003251	0.1%	0.2%	100%	4	120	180
2170	40	0.000763	0.0%	0.1%	100%	2	135	165
19440	40	0.030635	0.8%	2.3%	97%	4	120	180
360	25	0.004313	0.1%	0.3%	100%	2	135	165
58670	35	0.014769	0.4%	1.1%	99%	6	105	195
31820	35	0.023797	0.6%	1.8%	98%	4	120	180
1110	40	0.011594	0.3%	0.9%	99%	2	135	165
52680	45	0.03201	0.8%	2.4%	97%	6	105	195
5290	40	0.004507	0.1%	0.3%	100%	2	135	165
2040	45	0.055109	1.4%	4.1%	94%	2	135	165
13990	50	0.038378	1.0%	2.9%	96%	4	120	180
10960	45	0.071481	1.8%	5.4%	93%	2	135	165
3780	45	0.017377	0.4%	1.3%	98%	2	135	165
25150	15	0.005086	0.1%	0.4%	99%	4	120	180
290	40	0.002967	0.1%	0.2%	100%	2	135	165
420	30	0.024842	0.6%	1.9%	98%	2	135	165
4070	45	0.008362	0.2%	0.6%	99%	2	135	165
6550	38	0.008177	0.2%	0.6%	99%	3	127.5	172.5
320	25	0.006353	0.2%	0.5%	99%	2	135	165
218480	21	0.02812	0.7%	2.1%	97%	10	75	225

2040

24 75

Daily Vol	Speed	Truck %	Med. Truck %	Heavy Truck %	Truck %	Lanes	Dist To Near CL	Dist. To Far CL
199850	27	0.027586	0.7%	2.1%	97%	9	82.5	217.5
153820	32	0.035355	0.9%	2.7%	96%	6	105	195
39080	40	0.004819	0.1%	0.4%	100%	4	120	180
37090	40	0.012607	0.3%	0.9%	99%	4	120	180
18220	30	0.002247	0.1%	0.2%	100%	2	135	165
41900	45	0.015439	0.4%	1.2%	98%	4	120	180
6950	30	0.005073	0.1%	0.4%	99%	2	135	165
40890	45	0.018617	0.5%	1.4%	98%	4	120	180
1340	45	0.014533	0.4%	1.1%	99%	2	135	165
880	45	0.004357	0.1%	0.3%	100%	2	135	165
1010	45	0.006452	0.2%	0.5%	99%	2	135	165
4030	35	0.005553	0.1%	0.4%	99%	2	135	165
3130	45	0.01142	0.3%	0.9%	99%	2	135	165
4450	35	0.01947	0.5%	1.5%	98%	2	135	165
2750	45	0.029382	0.7%	2.2%	97%	2	135	165
9310	40	0.110548	2.8%	8.3%	89%	2	135	165
8600	25	0.005734	0.1%	0.4%	99%	2	135	165
2810	20	0.002395	0.1%	0.2%	100%	4	120	180
13290	20	0.004229	0.1%	0.3%	100%	4	120	180
6200	25	0.009078	0.2%	0.7%	99%	2	135	165
3810	25	0.004839	0.1%	0.4%	100%	3	127.5	172.5
18600	20	0.0086	0.2%	0.6%	99%	4	120	180
6400	25	0.008685	0.2%	0.7%	99%	3	127.5	172.5
5150	25	0.008771	0.2%	0.7%	99%	3	127.5	172.5
2200	25	0.005732	0.1%	0.4%	99%	2	135	165
10990	20	0.005077	0.1%	0.4%	99%	2	135	165
8390	25	0.008306	0.2%	0.6%	99%	2	135	165
12630	20	0.004346	0.1%	0.3%	100%	2	135	165
8250	25	0.004863	0.1%	0.4%	100%	2	135	165
7270	25	0.003545	0.1%	0.3%	100%	2	135	165
14740	10	0.002599	0.1%	0.2%	100%	3	127.5	172.5
7510	20	0.002624	0.1%	0.2%	100%	2	135	165
11780	20	0.00285	0.1%	0.2%	100%	4	120	180
4320	20	0.010762	0.3%	0.8%	99%	2	135	165
2090	20	0.003832	0.1%	0.3%	100%	2	135	165
1770	20	0.001574	0.0%	0.1%	100%	2	135	165
8030	20	0.004697	0.1%	0.4%	100%	4	120	180
200	25	0.038688	1.0%	2.9%	96%	2	135	165
800	35	0.07863	2.0%	5.9%	92%	2	135	165
550	35	0.229028	5.7%	17.2%	77%	2	135	165
6360	45	0.08443	2.1%	6.3%	92%	2	135	165
760	45	0.006093	0.2%	0.5%	99%	1	142.5	157.5
3370	45	0.025649	0.6%	1.9%	97%	2	135	165
11630	35	0.000224	0.0%	0.0%	100%	2	135	165
2960	40	0.000744	0.0%	0.1%	100%	2	135	165
6390	20	0.014956	0.4%	1.1%	99%	2	135	165
4760	20	0.014172	0.4%	1.1%	99%	2	135	165
5620	20	0.010278	0.3%	0.8%	99%	2	135	165

2040

24 75

Daily Vol	Speed	Truck %	Med. Truck %	Heavy Truck %	Truck %	Lanes	Dist To Near CL	Dist. To Far CL
6460	20	0.005795	0.1%	0.4%	99%	2	135	165
13020	25	0.009372	0.2%	0.7%	99%	2	135	165
5490	20	0.008411	0.2%	0.6%	99%	2	135	165
12150	20	0.005417	0.1%	0.4%	99%	2	135	165
4970	20	0.010314	0.3%	0.8%	99%	3	127.5	172.5
9850	25	0.009522	0.2%	0.7%	99%	2	135	165
3560	25	0.009559	0.2%	0.7%	99%	2	135	165
5220	20	0.007364	0.2%	0.6%	99%	2	135	165
4470	20	0.002758	0.1%	0.2%	100%	2	135	165
4910	20	0.005014	0.1%	0.4%	99%	2	135	165
31160	45	0.005898	0.1%	0.4%	99%	2	135	165
47730	40	0.003993	0.1%	0.3%	100%	4	120	180
7890	35	0.014036	0.4%	1.1%	99%	4	120	180
15080	50	0.009422	0.2%	0.7%	99%	2	135	165
37730	40	0.008545	0.2%	0.6%	99%	4	120	180
2480	45	0.013446	0.3%	1.0%	99%	2	135	165
6360	55	0.022919	0.6%	1.7%	98%	2	135	165
3590	40	0.022429	0.6%	1.7%	98%	2	135	165
43730	63	0.076455	1.9%	5.7%	92%	4	120	180
44040	63	0.076593	1.9%	5.7%	92%	4	120	180
760	40	0.034776	0.9%	2.6%	97%	2	135	165
25420	63	0.070335	1.8%	5.3%	93%	4	120	180
3060	55	0.042792	1.1%	3.2%	96%	2	135	165
8110	45	0.057462	1.4%	4.3%	94%	2	135	165
12320	45	0.013708	0.3%	1.0%	99%	2	135	165
12690	35	0.011956	0.3%	0.9%	99%	4	120	180
8430	45	0.01142	0.3%	0.9%	99%	2	135	165
9000	45	0.011241	0.3%	0.8%	99%	2	135	165
4600	55	0.098759	2.5%	7.4%	90%	2	135	165
1140	30	0.02156	0.5%	1.6%	98%	2	135	165
1540	45	0.030432	0.8%	2.3%	97%	2	135	165
32570	45	0.015142	0.4%	1.1%	98%	6	105	195
41450	45	0.017599	0.4%	1.3%	98%	6	105	195
50770	45	0.016143	0.4%	1.2%	98%	6	105	195
23070	50	0.030385	0.8%	2.3%	97%	4	120	180
2520	40	0.0208	0.5%	1.6%	98%	2	135	165
1600	45	0.024666	0.6%	1.8%	98%	2	135	165
11650	45	0.028908	0.7%	2.2%	97%	2	135	165
28510	50	0.015624	0.4%	1.2%	98%	4	120	180
600	45	0.001627	0.0%	0.1%	100%	2	135	165
710	25	0.004046	0.1%	0.3%	100%	2	135	165
10540	25	0.014114	0.4%	1.1%	99%	4	120	180
33140	35	0.003572	0.1%	0.3%	100%	4	120	180
15250	45	0.051835	1.3%	3.9%	95%	4	120	180
15250	45	0.051835	1.3%	3.9%	95%	4	120	180
18780	55	0.051992	1.3%	3.9%	95%	2	135	165
1060	40	0.00078	0.0%	0.1%	100%	2	135	165
15450	55	0.063915	1.6%	4.8%	94%	2	135	165

2040								
			24	75				
Daily Vol	Speed	Truck %	Med. Truck %	Heavy Truck %	Truck %	Lanes	Dist To Near CL	Dist. To Far CL
21780	45	0.069711	1.7%	5.2%	93%	2	135	165
36440	40	0.089575	2.2%	6.7%	91%	4	120	180
44410	35	0.075595	1.9%	5.7%	92%	6	105	195
18940	45	0.115823	2.9%	8.7%	88%	2	135	165
20330	40	0.066733	1.7%	5.0%	93%	2	135	165
18320	40	0.082086	2.1%	6.2%	92%	2	135	165
23800	45	0.070291	1.8%	5.3%	93%	2	135	165
3470	35	0.017922	0.4%	1.3%	98%	2	135	165
9260	45	0.046977	1.2%	3.5%	95%	2	135	165
6170	35	0.01094	0.3%	0.8%	99%	4	120	180
810	35	0.005006	0.1%	0.4%	99%	2	135	165
5080	45	0.023344	0.6%	1.8%	98%	2	135	165
470	45	0.042311	1.1%	3.2%	96%	2	135	165
7410	45	0.110875	2.8%	8.3%	89%	2	135	165
3280	45	0.085333	2.1%	6.4%	91%	2	135	165
6670	45	0.119315	3.0%	8.9%	88%	2	135	165
1370	45	0.003064	0.1%	0.2%	100%	2	135	165
7940	40	0.130583	3.3%	9.8%	87%	2	135	165
20740	50	0.037483	0.9%	2.8%	96%	4	120	180
1050	45	0.007031	0.2%	0.5%	99%	2	135	165
1730	50	0.015307	0.4%	1.1%	98%	2	135	165
10410	55	0.090012	2.3%	6.8%	91%	2	135	165
1840	45	0.227649	5.7%	17.1%	77%	2	135	165
990	45	0.019074	0.5%	1.4%	98%	2	135	165
300	45	0.037349	0.9%	2.8%	96%	2	135	165
8350	55	0.096611	2.4%	7.2%	90%	2	135	165
1320	40	0.004559	0.1%	0.3%	100%	2	135	165
5660	45	0.020625	0.5%	1.5%	98%	2	135	165
9330	45	0.00755	0.2%	0.6%	99%	2	135	165
4370	35	0.003884	0.1%	0.3%	100%	2	135	165
740	35	0.00211	0.1%	0.2%	100%	2	135	165
2610	35	0.014968	0.4%	1.1%	99%	2	135	165
3800	35	0.010292	0.3%	0.8%	99%	2	135	165
560	35	0.005586	0.1%	0.4%	99%	2	135	165
1750	25	0.003533	0.1%	0.3%	100%	2	135	165
9300	35	0.040426	1.0%	3.0%	96%	2	135	165
2000	45	0.051317	1.3%	3.8%	95%	2	135	165
560	45	0.02507	0.6%	1.9%	97%	2	135	165
2110	50	0.011135	0.3%	0.8%	99%	2	135	165
16340	55	0.073464	1.8%	5.5%	93%	4	120	180
4770	40	0.017022	0.4%	1.3%	98%	4	120	180
6100	30	0.000945	0.0%	0.1%	100%	2	135	165
3110	45	0.071185	1.8%	5.3%	93%	2	135	165
9240	50	0.012161	0.3%	0.9%	99%	2	135	165
630	45	0.011175	0.3%	0.8%	99%	2	135	165
570	45	0.029813	0.7%	2.2%	97%	2	135	165
520	45	0.028809	0.7%	2.2%	97%	2	135	165
3320	45	0.061355	1.5%	4.6%	94%	2	135	165

2040

24 75

Daily Vol	Speed	Truck %	Med. Truck %	Heavy Truck %	Truck %	Lanes	Dist To Near CL	Dist. To Far CL
1080	50	0.013099	0.3%	1.0%	99%	2	135	165
1270	50	0.056574	1.4%	4.2%	94%	2	135	165
320	50	0.002864	0.1%	0.2%	100%	2	135	165
8360	45	0.032952	0.8%	2.5%	97%	2	135	165
1830	55	0.057195	1.4%	4.3%	94%	2	135	165
3780	45	0.033339	0.8%	2.5%	97%	2	135	165
940	45	0.010754	0.3%	0.8%	99%	2	135	165
23520	63	0.03565	0.9%	2.7%	96%	4	120	180
2070	50	0.118355	3.0%	8.9%	88%	2	135	165
900	50	0.005753	0.1%	0.4%	99%	2	135	165
6280	45	0.048212	1.2%	3.6%	95%	2	135	165
25650	63	0.037421	0.9%	2.8%	96%	4	120	180
1940	45	0.022977	0.6%	1.7%	98%	2	135	165
870	45	0.009992	0.2%	0.7%	99%	2	135	165
160720	21	0.024806	0.6%	1.9%	98%	10	75	225
42620	40	0.030605	0.8%	2.3%	97%	6	105	195
15970	55	0.075314	1.9%	5.6%	92%	4	120	180
151050	59	0.088052	2.2%	6.6%	91%	16	30	270
59260	65	0.135556	3.4%	10.2%	86%	4	120	180
38160	65	0.232306	5.8%	17.4%	77%	4	120	180
31100	70	0.270697	6.8%	20.3%	73%	4	120	180
15610	45	0.041305	1.0%	3.1%	96%	2	135	165
34510	47	0.024793	0.6%	1.9%	98%	4	120	180
11310	50	0.100638	2.5%	7.5%	90%	2	135	165
16780	40	0.006738	0.2%	0.5%	99%	4	120	180
11340	45	0.003339	0.1%	0.3%	100%	2	135	165
29910	50	0.012778	0.3%	1.0%	99%	4	120	180
9610	20	0.006616	0.2%	0.5%	99%	2	135	165
16440	30	0.006826	0.2%	0.5%	99%	2	135	165
76390	21	0.018873	0.5%	1.4%	98%	6	105	195
41330	40	0.031788	0.8%	2.4%	97%	4	120	180
98600	58	0.152384	3.8%	11.4%	85%	8	90	210
150040	32	0.053742	1.3%	4.0%	95%	8	90	210
51310	58	0.134483	3.4%	10.1%	87%	4	120	180
35950	58	0.225855	5.6%	16.9%	77%	4	120	180
4780	45	0.01695	0.4%	1.3%	98%	2	135	165
111440	63	0.13277	3.3%	10.0%	87%	8	90	210
23110	55	0.088803	2.2%	6.7%	91%	4	120	180
17590	50	0.089263	2.2%	6.7%	91%	4	120	180
14420	45	0.088776	2.2%	6.7%	91%	2	135	165
45450	50	0.08925	2.2%	6.7%	91%	8	90	210
21240	45	0.091992	2.3%	6.9%	91%	4	120	180
22220	45	0.1131	2.8%	8.5%	89%	4	120	180
35610	40	0.037192	0.9%	2.8%	96%	4	120	180
22650	50	0.052275	1.3%	3.9%	95%	2	135	165
6150	55	0.104664	2.6%	7.8%	90%	2	135	165
2960	55	0.043108	1.1%	3.2%	96%	2	135	165
1410	50	0	0.0%	0.0%	100%	2	135	165

2040

24 75

Daily Vol	Speed	Truck %	Med. Truck %	Heavy Truck %	Truck %	Lanes	Dist To Near CL	Dist. To Far CL
2880	45	0.004025	0.1%	0.3%	100%	2	135	165
17620	40	0.014847	0.4%	1.1%	99%	2	135	165
3370	45	0.020391	0.5%	1.5%	98%	2	135	165
5070	45	0.126872	3.2%	9.5%	87%	2	135	165
11160	58	0.038317	1.0%	2.9%	96%	4	120	180
100190	32	0.120148	3.0%	9.0%	88%	4	120	180
98140	32	0.121775	3.0%	9.1%	88%	4	120	180
46720	70	0.279804	7.0%	21.0%	72%	4	120	180
47180	70	0.207571	5.2%	15.6%	79%	4	120	180
26900	58	0.238568	6.0%	17.9%	76%	4	120	180
9850	55	0.094862	2.4%	7.1%	91%	2	135	165
700	45	0.041283	1.0%	3.1%	96%	1	142.5	157.5
156690	63	0.042231	1.1%	3.2%	96%	6	105	195
93210	50	0.05021	1.3%	3.8%	95%	12	60	240
205110	42	0.047197	1.2%	3.5%	95%	11	67.5	232.5
227170	42	0.047093	1.2%	3.5%	95%	11	67.5	232.5
230700	63	0.049718	1.2%	3.7%	95%	10	75	225
212050	63	0.050816	1.3%	3.8%	95%	10	75	225
152090	63	0.0474	1.2%	3.6%	95%	8	90	210
146140	63	0.050447	1.3%	3.8%	95%	8	90	210
152380	63	0.050877	1.3%	3.8%	95%	8	90	210
167270	61	0.054752	1.4%	4.1%	95%	10	75	225
110660	63	0.058951	1.5%	4.4%	94%	8	90	210
109840	32	0.051616	1.3%	3.9%	95%	8	90	210
190130	33	0.041313	1.0%	3.1%	96%	8	90	210
17260	30	0.003062	0.1%	0.2%	100%	2	135	165
19630	30	0.006484	0.2%	0.5%	99%	2	135	165
16990	35	0.006447	0.2%	0.5%	99%	4	120	180
17870	45	0.019275	0.5%	1.4%	98%	2	135	165
23520	40	0.017964	0.4%	1.3%	98%	6	105	195
44150	45	0.017929	0.4%	1.3%	98%	6	105	195
24820	35	0.015053	0.4%	1.1%	98%	8	90	210
39940	35	0.007968	0.2%	0.6%	99%	5	112.5	187.5
66900	30	0.006215	0.2%	0.5%	99%	5	112.5	187.5
47000	30	0.003055	0.1%	0.2%	100%	4	120	180
67650	40	0.004348	0.1%	0.3%	100%	6	105	195
44170	40	0.006521	0.2%	0.5%	99%	6	105	195
50690	40	0.006045	0.2%	0.5%	99%	6	105	195
19630	40	0.006428	0.2%	0.5%	99%	4	120	180
28130	35	0.004935	0.1%	0.4%	100%	4	120	180
22350	40	0.005475	0.1%	0.4%	99%	4	120	180
32550	20	0.006866	0.2%	0.5%	99%	4	120	180
22790	25	0.004936	0.1%	0.4%	100%	4	120	180
62150	45	0.013264	0.3%	1.0%	99%	6	105	195
15100	40	0.005566	0.1%	0.4%	99%	2	135	165
23150	30	0.011949	0.3%	0.9%	99%	4	120	180
25990	35	0.006535	0.2%	0.5%	99%	4	120	180
18830	35	0.004167	0.1%	0.3%	100%	4	120	180

2040								
			24	75				
Daily Vol	Speed	Truck %	Med. Truck %	Heavy Truck %	Truck %	Lanes	Dist To Near CL	Dist. To Far CL
13770	30	0.005393	0.1%	0.4%	99%	2	135	165
13380	30	0.021865	0.5%	1.6%	98%	2	135	165
10060	40	0.009333	0.2%	0.7%	99%	4	120	180
13920	40	0.003688	0.1%	0.3%	100%	4	120	180
29720	40	0.010736	0.3%	0.8%	99%	4	120	180
9940	40	0.001521	0.0%	0.1%	100%	4	120	180
11030	35	0.009968	0.2%	0.7%	99%	2	135	165
22710	30	0.02264	0.6%	1.7%	98%	4	120	180
9210	30	0.001619	0.0%	0.1%	100%	2	135	165
19010	30	0.003411	0.1%	0.3%	100%	4	120	180
13500	45	0.045354	1.1%	3.4%	95%	4	120	180
15550	30	0.007919	0.2%	0.6%	99%	4	120	180
18650	40	0.009632	0.2%	0.7%	99%	2	135	165
24220	40	0.004049	0.1%	0.3%	100%	4	120	180
21040	35	0.004318	0.1%	0.3%	100%	4	120	180
30730	30	0.007043	0.2%	0.5%	99%	4	120	180
21080	35	0.003862	0.1%	0.3%	100%	8	90	210
25630	35	0.005028	0.1%	0.4%	99%	4	120	180
8770	40	0.003657	0.1%	0.3%	100%	4	120	180
15450	40	0.003797	0.1%	0.3%	100%	2	135	165
161510	50	0.070182	1.8%	5.3%	93%	7	97.5	202.5
172200	42	0.061482	1.5%	4.6%	94%	8	90	210
174090	52	0.053944	1.3%	4.0%	95%	8	90	210
225540	42	0.048181	1.2%	3.6%	95%	9	82.5	217.5
221670	63	0.044002	1.1%	3.3%	96%	9	82.5	217.5
258370	61	0.040488	1.0%	3.0%	96%	10	75	225
267190	59	0.0372	0.9%	2.8%	96%	10	75	225
98140	32	0.121775	3.0%	9.1%	88%	4	120	180
100190	32	0.120148	3.0%	9.0%	88%	4	120	180
30470	60	0.0356	0.9%	2.7%	96%	4	120	180
28320	60	0.018912	0.5%	1.4%	98%	4	120	180
45250	63	0.019292	0.5%	1.4%	98%	4	120	180
18210	70	0.304415	7.6%	22.8%	70%	4	120	180
27670	70	0.204673	5.1%	15.4%	80%	4	120	180
29180	70	0.187122	4.7%	14.0%	81%	4	120	180

Citation #	Citations	
1	Caltrans Technical Noise Supplement. 2009 (November). Table (5-11), Pg 5-60.	Caltrans Technical Noise Supplement. 2013 (September). Table (4-2), Pg 4-17.
2	Caltrans Technical Noise Supplement. 2009 (November). Equation (5-26), Pg 5-60.	Caltrans Technical Noise Supplement. 2013 (September). Equation (4-5), Pg 4-17.
3	Caltrans Technical Noise Supplement. 2009 (November). Equation (2-16), Pg 2-32.	FHWA 2004 TNM Version 2.5
4	Caltrans Technical Noise Supplement. 2009 (November). Equation (5-11), Pg 5-47, 48.	FHWA 2004 TNM Version 2.5
5	Caltrans Technical Noise Supplement. 2009 (November). Equation (2-26), Pg 2-55, 56.	Caltrans Technical Noise Supplement. 2013 (September). Equation (2-23), Pg 2-51, 52.
6	Caltrans Technical Noise Supplement. 2009 (November). Equation (2-27), Pg 2-57.	Caltrans Technical Noise Supplement. 2013 (September). Equation (2-24), Pg 2-53.
7	Caltrans Technical Noise Supplement. 2009 (November). Pg 2-53.	Caltrans Technical Noise Supplement. 2013 (September). Pg 2-57.
8	Caltrans Technical Noise Supplement. 2009 (November). Equation (5-7), Pg 5-45.	FHWA 2004 TNM Version 2.5
9	Caltrans Technical Noise Supplement. 2009 (November). Equation (5-8), Pg 5-45.	FHWA 2004 TNM Version 2.5
10	Caltrans Technical Noise Supplement. 2009 (November). Equation (5-9), Pg 5-45.	FHWA 2004 TNM Version 2.5
11	Caltrans Technical Noise Supplement. 2009 (November). Equation (5-13), Pg 5-49.	FHWA 2004 TNM Version 2.5
12	Caltrans Technical Noise Supplement. 2009 (November). Equation (5-14), Pg 5-49.	FHWA 2004 TNM Version 2.5
13	Federal Highway Administration Traffic Noise Model Technical Manual. Report No. FHWA-PD-96-010. 1998 (January). Equation (16), Pg 67	
14	Federal Highway Administration Traffic Noise Model Technical Manual. Report No. FHWA-PD-96-010. 1998 (January). Equation (20), Pg 69	
15	Federal Highway Administration Traffic Noise Model Technical Manual. Report No. FHWA-PD-96-010. 1998 (January). Equation (18), Pg 69	

References

California Department of Transportation (Caltrans). 2009 (November). Technical Noise Supplement. Available: http://www.dot.ca.gov/hq/env/noise/pub/tens_complete.pdf. Accessed August 17, 2017.

California Department of Transportation (Caltrans). 2013 (September). Technical Noise Supplement. Available: http://www.dot.ca.gov/hq/env/noise/pub/TeNS_Sept_2013A.pdf. Accessed August 17, 2017.

Federal Highway Administration. 2004. Traffic Noise Model Version 2.5. Available: https://www.fhwa.dot.gov/environment/noise/traffic_noise_model/tnm_v25/. Accessed August 17, 2017.