

Appendix A
**Notice of Preparation &
Comments Received**

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 #

Project Title: West San Gabriel Valley Area Plan

Lead Agency: County of Los Angeles Contact Person: Evan Sensibile
 Mailing Address: 320 West Temple Street, Room 1362 Phone: (213) 974-6425
 City: Los Angeles Zip: 90012 County: Los Angeles

Project Location: County: Los Angeles City/Nearest Community: West San Gabriel Valley
 Cross Streets: N/A Zip Code: Several
 Longitude/Latitude (degrees, minutes and seconds): _____ ° _____ ' _____ " N / _____ ° _____ ' _____ " W Total Acres: 14,848
 Assessor's Parcel No.: Several Section: _____ Twp.: _____ Range: _____ Base: _____
 Within 2 Miles: State Hwy #: Several Waterways: Several
 Airports: Several Railways: Several Schools: Several

Document Type:

CEQA: NOP Draft EIR NEPA: NOI Other: Joint Document
 Early Cons Supplement/Subsequent EIR EA Final Document
 Neg Dec (Prior SCH No.) _____ Draft EIS Other: _____
 Mit Neg Dec Other: _____ FONSI _____

Local Action Type:

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 (Subdivision, etc.) Other: _____

Development Type:

Residential: Units _____ Acres _____ Transportation: Type _____
 Office: Sq.ft. _____ Acres _____ Employees _____ Mining: Mineral _____
 Commercial: Sq.ft. _____ Acres _____ Employees _____ Power: Type _____ MW _____
 Industrial: Sq.ft. _____ Acres _____ Employees _____ Waste Treatment: Type _____ MGD _____
 Educational: _____ Hazardous Waste: Type _____
 Recreational: _____ Other: Area Plan
 Water Facilities: Type _____ MGD _____

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: GHG Emissions

Present Land Use/Zoning/General Plan Designation:
Several

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

The West San Gabriel Valley Area Plan (WSGVAP) is a new community-based plan that focuses on land use and policy issues that are specific to the unique characteristics and needs of the West San Gabriel Valley Planning Area and its communities. The WSGVAP is intended to guide long-term growth within the WSGV Planning Area by encouraging development of housing options and affordability, preserving/sustaining open space, protecting community health, safety, and general welfare, increasing access to community amenities, and promoting areas suitable for growth. Goals, policies, and implementation programs would be developed for the WSGVAP to support these objectives, especially to support smart growth and sustainable development throughout the WSGV Planning Area.

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.

Reviewing Agencies Checklist

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

<input checked="" type="checkbox"/> Air Resources Board	<input checked="" type="checkbox"/> Office of Historic Preservation
<input checked="" type="checkbox"/> Boating & Waterways, Department of	<input checked="" type="checkbox"/> Office of Public School Construction
<input checked="" type="checkbox"/> California Emergency Management Agency	<input checked="" type="checkbox"/> Parks & Recreation, Department of
<input checked="" type="checkbox"/> California Highway Patrol	<input checked="" type="checkbox"/> Pesticide Regulation, Department of
<input checked="" type="checkbox"/> Caltrans District # <u>7</u>	<input checked="" type="checkbox"/> Public Utilities Commission
<input type="checkbox"/> Caltrans Division of Aeronautics	<input checked="" type="checkbox"/> Regional WQCB # <u>4</u>
<input type="checkbox"/> Caltrans Planning	<input checked="" type="checkbox"/> Resources Agency
<input type="checkbox"/> Central Valley Flood Protection Board	<input checked="" type="checkbox"/> Resources Recycling and Recovery, Department of
<input type="checkbox"/> Coachella Valley Mtns. Conservancy	<input type="checkbox"/> S.F. Bay Conservation & Development Comm.
<input type="checkbox"/> Coastal Commission	<input checked="" type="checkbox"/> San Gabriel & Lower L.A. Rivers & Mtns. Conservancy
<input type="checkbox"/> Colorado River Board	<input type="checkbox"/> San Joaquin River Conservancy
<input checked="" type="checkbox"/> Conservation, Department of	<input type="checkbox"/> Santa Monica Mtns. Conservancy
<input type="checkbox"/> Corrections, Department of	<input checked="" type="checkbox"/> State Lands Commission
<input type="checkbox"/> Delta Protection Commission	<input type="checkbox"/> SWRCB: Clean Water Grants
<input type="checkbox"/> Education, Department of	<input checked="" type="checkbox"/> SWRCB: Water Quality
<input checked="" type="checkbox"/> Energy Commission	<input type="checkbox"/> SWRCB: Water Rights
<input checked="" type="checkbox"/> Fish & Game Region # <u>5</u>	<input type="checkbox"/> Tahoe Regional Planning Agency
<input type="checkbox"/> Food & Agriculture, Department of	<input checked="" type="checkbox"/> Toxic Substances Control, Department of
<input checked="" type="checkbox"/> Forestry and Fire Protection, Department of	<input checked="" type="checkbox"/> Water Resources, Department of
<input checked="" type="checkbox"/> General Services, Department of	<input type="checkbox"/> Other: _____
<input type="checkbox"/> Health Services, Department of	<input type="checkbox"/> Other: _____
<input checked="" type="checkbox"/> Housing & Community Development	
<input checked="" type="checkbox"/> Native American Heritage Commission	

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

Starting Date November 14, 2023 Ending Date December 22, 2023

Lead Agency (Complete if applicable):

Consulting Firm: <u>Environmental Science Associates</u>	Applicant: <u>County of Los Angeles</u>
Address: <u>626 Wilshire Boulevard, Suite 1100</u>	Address: <u>320 West Temple Street, Room 1362</u>
City/State/Zip: <u>Los Angeles, CA 90017</u>	City/State/Zip: <u>Los Angeles, CA 90012</u>
Contact: <u>Marlie Long</u>	Phone: <u>213.974.6425</u>
Phone: <u>619.719.4197</u>	

Signature of Lead Agency Representative:  Date: 11/9/2023

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

**NOTICE OF PREPARATION OF A DRAFT PROGRAM ENVIRONMENTAL IMPACT REPORT AND
PUBLIC SCOPING MEETING**

DATE: November 14, 2023

TO: State Clearinghouse, Responsible Agencies, Trustee Agencies, Organizations, and Interested Parties

SUBJECT: Notice of Preparation of a Draft Program Environmental Impact Report and Notice of Public Scoping Meeting for the West San Gabriel Valley Area Plan

The County of Los Angeles (County), as Lead Agency pursuant to the California Environmental Quality Act (CEQA), will prepare a Draft Program Environmental Impact Report (PEIR) for the proposed West San Gabriel Valley Area Plan (WSGVAP, Area Plan, or Project). The County has prepared this Notice of Preparation (NOP) to provide agencies, organizations, and other interested parties with sufficient information describing the Project and its potential environmental effects to enable meaningful response to this NOP. The public comment period associated with the release of this NOP will commence on **Tuesday, November 14, 2023**, and end on **Friday, December 22, 2023**.

All interested parties, including the public, responsible agencies, and trustee agencies, are invited to provide comments and input on the scope and content of the environmental information contained in the Draft PEIR. Trustee and responsible agencies should provide comments and input related to the agencies' respective areas of statutory responsibilities in connection with the proposed Project. As a responsible or trustee agency, your agency may need to use the PEIR prepared by the County when considering any permits that your agency must issue, or other approval for the Project.

PROJECT NAME: West San Gabriel Valley Area Plan

PROJECT/PERMIT NUMBERS: Project No. PRJ2023-003982
Environmental Assessment No. RPPL2023005884
Advance Planning Case No. RPPL2023005880
General Plan Amendment No. RPPL2023005882
Zone Change No. RPPL2023005883

PROJECT APPLICANT: Los Angeles County

PROJECT LOCATION. The West San Gabriel Valley (WSGV) Planning Area is one of the County's 11 Planning Areas identified in the County General Plan (General Plan). The WSGV Planning Area encompasses 23.2 square miles within the southeast portion of Los Angeles County and is bound by the Antelope Valley Planning Area and the San Gabriel Mountains to the north, the East San Gabriel Valley Area Planning Area to the east, the Gateway Planning Area to the south, and the Metro and San Fernando Valley Planning Areas to the west. The WSGV Planning Area includes the following nine unincorporated communities of the County: Altadena, East Pasadena-East San Gabriel, Kinneloa Mesa, La Crescenta-Montrose, San Pasqual, South Monrovia Islands, South San Gabriel, Whittier Narrows, and South El Monte Island. Collectively, these communities are referred to as the "WSGVAP Communities." The WSGV Planning Area and its associated communities are identified on **Figure 1, Regional Location with WSGVAP Communities.**

PROJECT DESCRIPTION. The West San Gabriel Valley Area Plan (WSGVAP) is a new community-based plan that focuses on land use and policy issues that are specific to the unique characteristics and needs of the WSGV Planning Area and its communities. The WSGVAP is intended to guide long-term growth within the WSGV Planning Area by encouraging development of housing options and affordability, preserving/sustaining open space, protecting community health, safety, and general welfare, increasing access to community amenities, and promoting areas suitable for growth. Goals, policies, and implementation programs would be developed for the WSGVAP to support these objectives, especially to support smart growth and sustainable development throughout the WSGV Planning Area. The WSGVAP would execute these goals primarily through, but not limited to, the following Project components:

General Plan Amendment No. RPPL2023005882. The General Plan Amendment would establish the WSGVAP as part of the County General Plan. The WSGVAP would create goals and policies for the unincorporated area communities of Altadena, East Pasadena-East San Gabriel, Kinneloa Mesa, La Crescenta-Montrose, San Pasqual, South Monrovia Islands, South San Gabriel, Whittier Narrows, and South El Monte Island. This new area plan includes the following:

- Areawide goals and policies with respect to the following topics, including but not limited to: Land Use, Mobility, Conservation and Open Space, Public Services and Facilities, Economic Development, and Historic Preservation.
- Areawide Implementation Programs.
- Community chapters, as needed, with additional goals, policies, and implementation programs that are community-specific, addressing planning issues that are unique to a particular geographic community and cannot be addressed through areawide goals, policies, and programs.
- Update and incorporation of the existing Altadena Community Plan into the WSGVAP as a community chapter.

- Updates to the land use policy map which, at the minimum, would:
 - 1) Incorporate the proposed land use policy changes as identified in the Housing Element;
 - 2) Maintain consistency between zoning and land use policy;
 - 3) Redesignate certain residential and commercial areas to facilitate additional housing and local-serving businesses; and
 - 4) Utilize the General Plan Land Use Legend.

Zone Change No. RPPL2023005883. The Zone Change would:

- Update the zoning map for the Project area to maintain consistency with the updated land use policy map and incorporate the proposed rezoning as identified in the Housing Element to meet the Regional Housing Needs Assessment goals for Los Angeles County.
- Rezone certain A-1 parcels that are not currently used for agricultural purposes to R-A (Residential Agricultural), R-1 (Single-Family Residence), R-2 (Two-Family Residence), or OS (Open Space) as well as rezone certain areas identified for growth along major corridors and near major transit stops as appropriate.

Advance Planning Case No. RPPL2023005880. Amend Title 22 (Planning and Zoning Code) to implement the goals and policies of the Area Plan that would, in part, improve walkability of neighborhoods, create communal space, improve community character and design, increase neighborhood greening, increase access to transit, and promote land use compatibility. The proposed amendments to Title 22 would:

- Establish a Planning Area Standards District to reorganize development standards that are applicable to the unincorporated communities in the WSGV Planning Area under one division and establish new planning area wide standards and/or community-specific standards, as-needed.
- Assess, update, and revise the following existing community standards districts (CSDs): East Pasadena-East San Gabriel, La Crescenta-Montrose, Altadena, and South San Gabriel to bring them into conformance with the goals and policies of the Area Plan.

The WSGVAP anticipates a buildout horizon of 2045, meaning that the capacity for additional growth anticipated through the implementation of the WSGVAP is anticipated to be fully developed by 2045.

POTENTIAL ENVIRONMENTAL EFFECTS OF THE PROJECT. As permitted by State CEQA Guidelines Section 15060(d), the County decided not to prepare an Initial Study and will begin work directly on the Draft PEIR because it has determined that a PEIR is required for the proposed Project. The Draft PEIR will evaluate potentially significant environmental effects of the proposed Project, identify feasible mitigation measures that may lessen or avoid such impacts, and identify a range of reasonable alternatives to the proposed Project. Potentially significant Project impacts that will be analyzed in the Draft PEIR will include the following environmental topics: Aesthetics, Agriculture/Forestry Resources, Air Quality, Biological Resources, Cultural Resources, Energy, Geology/Soils, Greenhouse Gas (GHG) Emissions, Hazards/Hazardous Materials,

Notice of Preparation of a Draft PEIR and Public Scoping Meeting

November 14, 2023

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Hydrology/Water Quality, Land Use/Planning, Mineral Resources, Noise, Population/Housing, Public Services, Recreation, Transportation, Tribal Cultural Resources, Utilities/Service Systems, and Wildfire.

NOTICE OF PUBLIC SCOPING MEETING. Consistent with Assembly Bill 361, which allows teleconference provisions for local agency meetings, the County will conduct one virtual public scoping meeting to inform the public and interested agencies about the Project and solicit oral and written comments as to the appropriate scope and content of the Draft PEIR. All interested parties are invited to attend the virtual scoping meeting to assist in identifying issues to be addressed in the Draft PEIR. The Scoping Meeting will involve a presentation about the WSGVAP, the environmental review process, and schedule. The Project’s Scoping Meeting will be held virtually, online via Zoom Webinar on **December 14th, starting at 6:30pm.**

The link below will take you to the virtual Scoping Meeting Webpage with instructions on joining the meeting:

planning.lacounty.gov/long-range-planning/wsgvap/documents/

Though email is the preferred form of communication, you may direct your written comments via email, and/or U.S. Postal Services to:

Evan Sensibile, Regional Planner
County of Los Angeles
Department of Regional Planning
320 West Temple Street, Room 1362
Los Angeles, California 90012
Tel: (213) 974-6425
Fax: (213) 626-0434
wsgvap@planning.lacounty.gov

DOCUMENT AVAILABILITY. The NOP for this Project is available for public review on the West San Gabriel Valley Area Plan website at the following locations:

planning.lacounty.gov/long-range-planning/wsgvap/documents/ or

planning.lacounty.gov/environmental-review/public-notice/ (under “Advance Planning Projects”)

Notice of Preparation of a Draft PEIR and Public Scoping Meeting

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The NOP is also available for public review at the following public libraries:

Altadena Library	600 E Mariposa St	Altadena, CA	91001
Hastings Library	3325 E Orange Grove Blvd	Pasadena, CA	91107
La Crescenta Library	2809 Foothill Blvd	La Crescenta, CA	91214
Lamanda Park Library	140 S Altadena Drive	Pasadena, CA	91107
Live Oak Library	22 W Live Oak Ave	Arcadia, CA	91007
Montrose Library	2465 Honolulu Ave	Montrose, CA	91020
South El Monte Library	1430 North, Central Ave	South El Monte, CA	91733
Temple City Library	5939 Golden West Ave	Temple City, CA	91780

The hours of operation at each library vary. Please see the County library website to confirm this information before visiting: <https://lacountylibrary.org/>. For libraries not affiliated with the County, please confirm hours of operation using the library's website or phone line.

PROJECT WEBSITE. Visit the WSGVAP website for more information: <https://planning.lacounty.gov/long-range-planning/wsgvap/>.

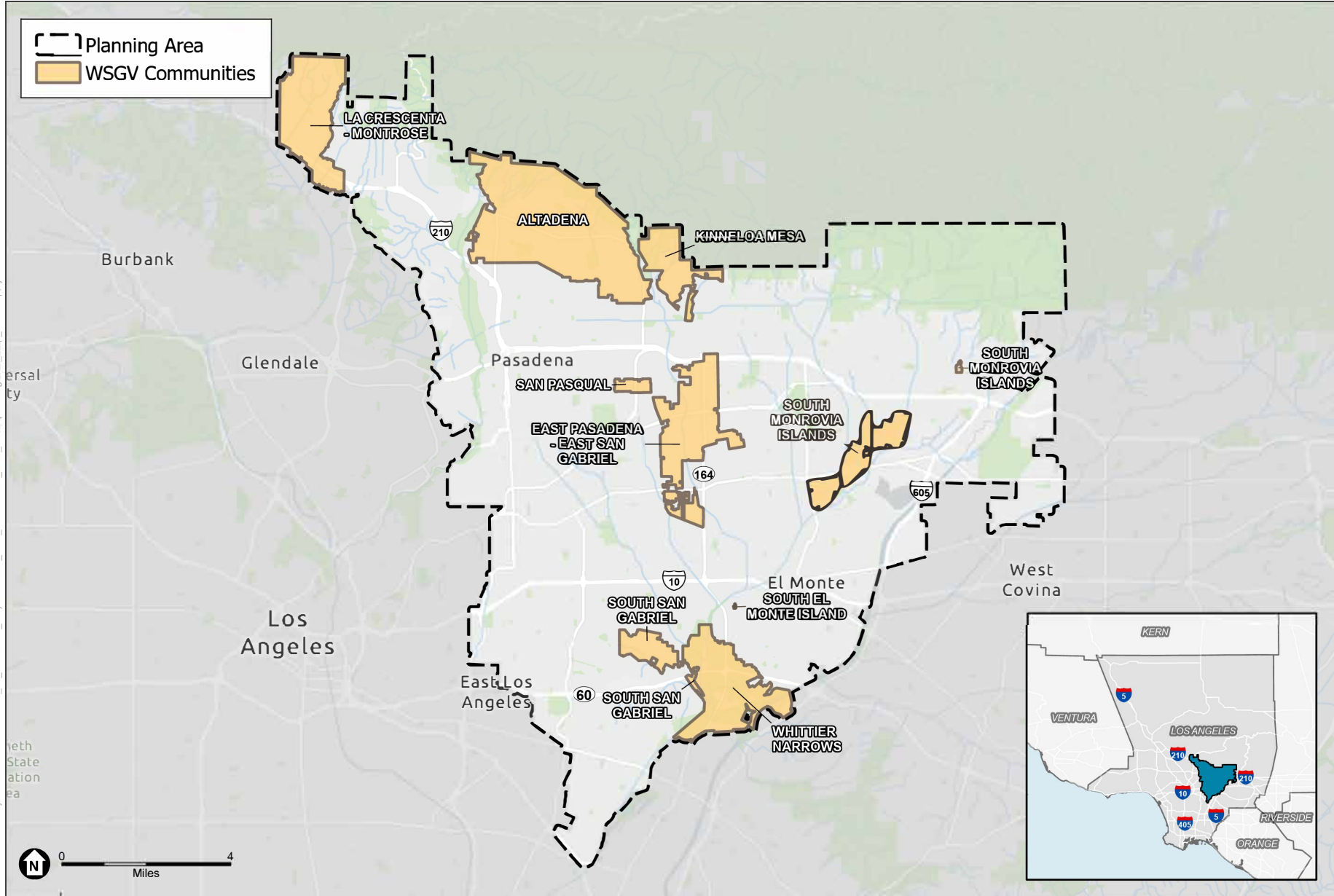
Thank you for your participation in the environmental review of this Project.

For more information about the West San Gabriel Valley Area Plan and Programmatic Environmental Impact Report (PEIR) visit: planning.lacounty.gov/long-range-planning/wsgvap/ or email wsgvap@planning.lacounty.gov or call (213) 974-6425 and leave a message. To view the Notice of Preparation (NOP) online, including a Spanish and Chinese version of the NOP, please visit: planning.lacounty.gov/long-range-planning/wsgvap/documents/ or planning.lacounty.gov/environmental-review/public-notice/.

Si desea conocer más información sobre el Plan del Área Oeste del Valle de San Gabriel y sobre el Informe Programático de Impacto Ambiental (PEIR, por sus siglas en inglés) visite la página web: planning.lacounty.gov/long-range-planning/wsgvap/, envíe un correo electrónico a wsgvap@planning.lacounty.gov o llame al (213) 974-6427 y deje un mensaje. Es posible consultar el Aviso de Preparación (NOP) en línea, incluida una versión en español y otra en chino, en: planning.lacounty.gov/long-range-planning/wsgvap/documents/ o planning.lacounty.gov/environmental-review/public-notice/.

如需 West San Gabriel Valley 地區計劃和計劃環境影響報告 (PEIR) 的更多資訊，請造訪：planning.lacounty.gov/long-range-planning/wsgvap/、傳送電郵至 wsgvap@planning.lacounty.gov 或致電(213)974-6427 並留言。如需線上查閱《編制通知》(NOP)，包括西班牙文及中文版本，請造訪：planning.lacounty.gov/long-range-planning/wsgvap/documents/ 或 planning.lacounty.gov/environmental-review/public-notice/。

ATTACHMENTS: **Figure 1: Regional Location with WSGVAP Communities**



SOURCE: Los Angeles DPR, 2023; ESA, 2023.

West San Gabriel Valley Area Plan

Regional Location with WSGVAP Communities





COUNTY OF LOS ANGELES
DEPARTMENT OF PARKS AND RECREATION

"Parks Make Life Better!"

Norma E. García-González, Director

Alina Bokde, Chief Deputy Director

December 22, 2023

TO: Evan Sensibile
Department of Regional Planning

FROM: Jui Ing Chien *JIC*
Planning and CEQA Section

SUBJECT: **WEST SAN GABRIEL VALLEY AREA PLAN
NOTICE OF PREPARATION OF A DRAFT PROGRAM
ENVIRONMENTAL IMPACT REPORT**

The Notice of Preparation of the draft Program Environmental Impact Report (PEIR) for the West San Gabriel Valley Area Plan (WSGV) has been reviewed for potential impacts on the facilities of the Los Angeles County Department of Parks and Recreation (DPR). Our understanding is that the Project will provide a new community-based plan to guide long-term growth within the WSGV Planning Area by encouraging development of housing options and affordability, preserving/sustaining open space, protecting community health, safety, and general welfare, increasing access to community amenities, and promoting areas suitable for growth. Please find below DPR's comments to inform the development of the draft PEIR for the Project:

Zone Change No. RPPL2023005883

The proposed Project would incorporate the proposed rezoning as identified in the Housing Element to satisfy the regional housing needs for the County, as well as rezoning certain agricultural parcels to residential uses and rezoning certain areas for growth along major corridors and transit stops. In accordance with the 2016 Los Angeles Countywide Park Needs Assessment (PNA), certain study areas in the WSGV have high levels of park need, and the impact of the proposed project should take this into account in the PEIR analysis. As shown in the following table, the WSGV includes unincorporated communities which correspond to various study areas established as part of the 2016 PNA.

West San Gabriel Valley Community	PNA Study Area	Park Need Level	Park Acres per 1,000	Park Accessibility (% of population living within 1/2 mile of a park)	DPR Facilities located within the Community
Altadena	Unincorporated Altadena	Low	0.9	32	<ul style="list-style-type: none"> • Charles S. Farnsworth Park • Charles white Park

West San Gabriel Valley Community	PNA Study Area	Park Need Level	Park Acres per 1,000	Park Accessibility (% of population living within 1/2 mile of a park)	DPR Facilities located within the Community
					<ul style="list-style-type: none"> Loma Alta Park Loma Alta Park Staging Area and Trailhead Altadena Crest Trail Altadena Triangle Park Altadena Golf Course
East Pasadena-East San Gabriel	Unincorporated San Pasqual/ Unincorporated East Pasadena	Very Low	0.8	28	<ul style="list-style-type: none"> Michillinda Park
	Unincorporated East San Gabriel/ Unincorporated Arcadia	Very High	0.1	15	<ul style="list-style-type: none"> Michillinda Park
Kinneloa Mesa	City of Pasadena - Eastside / Unincorporated Kinneloa Mesa	Moderate	1.4	51	<ul style="list-style-type: none"> Eaton Canyon Natural Area and Nature Center Eaton Canyon Equestrian Park Eaton Canyon Trailhead Eaton Canyon Golf Course Eaton Canyon Trail Hastings Debris Basin Trail
La Crescenta-Montrose	Unincorporated La Crescenta - Montrose	Very Low	2.3	18	<ul style="list-style-type: none"> Two Strike County Park Pickens Canyon Park
San Pasqual	Unincorporated San Pasqual/ Unincorporated East Pasadena	Very Low	0.8	28	<ul style="list-style-type: none"> Michillinda Park
South Monrovia Islands	Unincorporated El Monte/ Unincorporated Monrovia	Low	0.2	56	<ul style="list-style-type: none"> Pamela County Park Santa Anita Wash Trail
South San Gabriel	Unincorporated Sunrise Village-South San Gabriel-Whittier Narrows	Low	5.7	19	<ul style="list-style-type: none"> Whittier Narrows Recreation Area
Whittier Narrows	Unincorporated Sunrise Village-South San Gabriel-Whittier Narrows	Low	5.7	19	<ul style="list-style-type: none"> Whittier Narrows Recreation Area Rio Hondo River Trail San Gabriel River Trail
South El Monte Island	City of South El Monte/ Unincorporated El Monte/ Unincorporated Whittier Narrows	Low	0.7	36	

The County General Plan establishes a goal of four (4) acres of local parkland per 1,000 residents of the population in the unincorporated areas and a goal of six (6) acres of regional parkland per 1,000 residents of the total population of Los Angeles County. In addition, pursuant to the Quimby Act and to the County's Subdivision Code, new

residential subdivisions must dedicate parkland or pay in-lieu fees (or both, in some circumstances) to enable the County to maintain a ratio of three (3) acres of local parkland for every 1,000 residents. Please note that the Quimby Act and the County's Subdivision Code only apply to residential subdivisions and therefore do not apply to non-subdivision residential projects, such as an apartment complex proposed on a single parcel of land.

Los Angeles Countywide Parks Needs Assessment

The PEIR should also consider the following DPR documents in the analysis:

- 2016 Los Angeles Countywide Parks Needs Assessment (PNA): Adopted by the Los Angeles County Board of Supervisors on July 5, 2016, the PNA is a comprehensive study of the diverse park and recreation needs in cities and unincorporated communities across the county. Prepared by DPR, the PNA gathered data to determine the scope, scale, and location of park need in Los Angeles County. Since its completion in 2016, the PNA has been invaluable in informing planning, decision-making, and resource allocation for parks and recreation. Please refer to the 2016 PNA final reports, that include park need data for the unincorporated communities within the West San Gabriel Valley Planning Area: <https://lacountyparkneeds.org/final-report/>
- 2022 Los Angeles Countywide Parks Needs Assessment Plus (PNA+): Adopted by the Board of Supervisors on December 6, 2022, the PNA+ complements and offers new information not previously included in the 2016 PNA. Specifically, PNA+ includes data about access to regional parks, open space, trails, beaches and lakes, and local parks in rural areas, as well as mapping and analyses related to population vulnerability, environmental benefits, environmental burdens, and priority areas for environmental. Please refer to Appendix A which contains specific report for the West San Gabriel Valley Study Area and incorporate relevant data and recommendations from the report: West San Gabriel Valley Area: https://lacountyparkneeds.org/wp-content/uploads/2023/03/AppA_RegionalProfiles_WestSanGabrielValley_Dec2022.pdf
- Puente Hills Landfill and Master Plan: Approved by the Los Angeles County Board of Supervisors on October 25, 2016, the Puente Hills Landfill Park Master Plan seeks to transform over 140 acres of the former landfill into a regional park. While not located within the WSGV Planning Area, the proposed park is just outside the boundary at the southeast corner. The regional park will be a "Park for All", offering recreational, educational, and cultural opportunities to a diverse audience. The plan is to ultimately develop a premiere destination park in the San Gabriel Valley that celebrates the site's unique history, technological innovation, urban-wildland location, scale, and topography. Located at the southern edge of the San Gabriel Valley, this future regional park will serve the residents across San Gabriel Valley and beyond. Please use the link to access project information: <https://puentehillslandfillpark.org/>

Mitigation Measures

To address potential significant impacts on existing recreational resources, the PEIR should include mitigation measures that would ensure that future impacts to parks, open space, and recreation lands are minimized. Project proponents must notify DPR in advance of the nature, extent, and duration of construction activities that may affect parks, trails, and other facilities operated and maintained by DPR.

Open Space and Recreation Resources Map

The PEIR should include a map identifying the locations of all existing open space and recreation lands in the Project study area, including public parks, recreational facilities, and other open space and recreational areas owned/maintained by local, state, federal agencies, non-profit organizations, and other entities.

Thank you for including DPR in this environmental review process. If we may be of further assistance, please contact Ms. Jui Ing Chien, Park Planner, at (626) 588-5317 or by email at jchien@parks.lacounty.gov.



South Coast Air Quality Management District

21865 Copley Drive, Diamond Bar, CA 91765-4178
(909) 396-2000 • www.aqmd.gov

SENT VIA E-MAIL:

December 22, 2023

wsgvap@planning.lacounty.gov

Evan Sensibile, Regional Planner
County of Los Angeles
Department of Regional Planning
320 West Temple Street, Room 1362
Los Angeles, CA 90012

Notice of Preparation of a Draft Program Environmental Impact Report for the West San Gabriel Valley Area Plan (Proposed Project)

South Coast Air Quality Management District (South Coast AQMD) staff appreciates the opportunity to comment on the above-mentioned document. Our comments are recommendations on the analysis of potential air quality impacts from the Proposed Project that should be included in the Draft Program Environmental Impact Report (EIR). Please send a copy of the Draft Program EIR upon its completion and public release directly to South Coast AQMD as copies of the Draft Program EIR submitted to the State Clearinghouse are not forwarded. **In addition, please send all appendices and technical documents related to the air quality, health risk, and greenhouse gas analyses (electronic versions of all emission calculation spreadsheets, air quality modeling, and health risk assessment input and output files, not PDF files). Any delays in providing all supporting documentation for our review will require additional review time beyond the end of the comment period.**

CEQA Air Quality Analysis

Staff recommends that the Lead Agency use South Coast AQMD's CEQA Air Quality Handbook and website¹ as guidance when preparing the air quality and greenhouse gas analyses. It is also recommended that the Lead Agency use the CalEEMod² land use emissions software, which can estimate pollutant emissions from typical land use development and is the only software model maintained by the California Air Pollution Control Officers Association.

South Coast AQMD has developed both regional and localized significance thresholds. South Coast AQMD staff recommends that the Lead Agency quantify criteria pollutant emissions and compare the emissions to South Coast AQMD's CEQA regional pollutant emissions significance thresholds³ and localized significance thresholds (LSTs)⁴ to determine the Proposed Project's air quality impacts. The localized analysis can be conducted by either using the LST screening tables or performing dispersion modeling.

The Lead Agency should identify any potential adverse air quality impacts that could occur from all phases of the Proposed Project and all air pollutant sources related to the Proposed Project. Air quality impacts from both construction (including demolition, if any) and operations should be calculated. Construction-related air quality impacts typically include, but are not limited to, emissions from the use of

¹ South Coast AQMD's CEQA Handbook and other resources for preparing air quality analyses can be found at: <http://www.aqmd.gov/home/rules-compliance/ceqa/air-quality-analysis-handbook>.

² CalEEMod is available free of charge at: www.caleemod.com.

³ South Coast AQMD's CEQA regional pollutant emissions significance thresholds can be found at: <http://www.aqmd.gov/docs/default-source/ceqa/handbook/scaqmd-air-quality-significance-thresholds.pdf>.

⁴ South Coast AQMD's guidance for performing a localized air quality analysis can be found at: <http://www.aqmd.gov/home/regulations/ceqa/air-quality-analysis-handbook/localized-significance-thresholds>.

heavy-duty equipment from grading, earth-loading/unloading, paving, architectural coatings, off-road mobile sources (e.g., heavy-duty construction equipment) and on-road mobile sources (e.g., construction worker vehicle trips, material transport trips, and hauling trips). Operation-related air quality impacts may include, but are not limited to, emissions from stationary sources (e.g., boilers and air pollution control devices), area sources (e.g., solvents and coatings), and vehicular trips (e.g., on- and off-road tailpipe emissions and entrained dust). Air quality impacts from indirect sources, such as sources that generate or attract vehicular trips, should be included in the analysis. Furthermore, emissions from the overlapping construction and operational activities should be combined and compared to South Coast AQMD's regional air quality CEQA *operational* thresholds to determine the level of significance.

If the Proposed Project generates diesel emissions from long-term construction or attracts diesel-fueled vehicular trips, especially heavy-duty diesel-fueled vehicles, it is recommended that the Lead Agency perform a mobile source health risk assessment⁵.

In the event that implementation of the Proposed Project requires a permit from South Coast AQMD, South Coast AQMD should be identified as a Responsible Agency for the Proposed Project in the Draft EIR. The assumptions in the air quality analysis in the EIR will be the basis for evaluating the permit under CEQA and imposing permit conditions and limits. Questions on permits should be directed to South Coast AQMD's Engineering and Permitting staff at (909) 396-3385.

The California Air Resources Board's (CARB) *Air Quality and Land Use Handbook: A Community Health Perspective*⁶ is a general reference guide for evaluating and reducing air pollution impacts associated with new projects that go through the land use decision-making process with additional guidance on strategies to reduce air pollution exposure near high-volume roadways available in CARB's technical advisory⁷.

The South Coast AQMD's *Guidance Document for Addressing Air Quality Issues in General Plans and Local Planning*⁸ includes suggested policies that local governments can use in their General Plans or through local planning to prevent or reduce potential air pollution impacts and protect public health. It is recommended that the Lead Agency review this Guidance Document as a tool when making local planning and land use decisions.

Mitigation Measures

In the event that the Proposed Project results in significant adverse air quality impacts, CEQA requires that all feasible mitigation measures that go beyond what is required by law be utilized to minimize these impacts. Any impacts resulting from mitigation measures must also be analyzed. Several resources to assist the Lead Agency with identifying potential mitigation measures for the Proposed Project include South Coast AQMD's CEQA Air Quality Handbook,⁹ South Coast AQMD's Mitigation Monitoring and Reporting Plan for the 2022 Air Quality Management Plan,¹⁰ and Southern California Association of

⁵ South Coast AQMD's guidance for performing a mobile source health risk assessment can be found at: <http://www.aqmd.gov/home/regulations/ceqa/air-quality-analysis-handbook/mobile-source-toxics-analysis>.

⁶ CARB's *Air Quality and Land Use Handbook: A Community Health Perspective* can be found at: <http://www.arb.ca.gov/ch/handbook.pdf>.

⁷ CARB's technical advisory can be found at: <https://www.arb.ca.gov/ch/landuse.htm>.

⁸ South Coast AQMD. 2005. *Guidance Document for Addressing Air Quality Issues in General Plans and Local Planning*. Available at: <http://www.aqmd.gov/docs/default-source/planning/air-quality-guidance/complete-guidance-document.pdf>.

⁹ <https://www.aqmd.gov/home/rules-compliance/ceqa/air-quality-analysis-handbook>

¹⁰ South Coast AQMD's 2022 Air Quality Management Plan can be found at: <http://www.aqmd.gov/home/air-quality/clean-air-plans/air-quality-mgt-plan> (Chapter 4 - Control Strategy and Implementation).

Government's Mitigation Monitoring and Reporting Plan for the 2020-2045 Regional Transportation Plan/Sustainable Communities Strategy.¹¹.

South Coast AQMD staff is available to work with the Lead Agency to ensure that air quality, greenhouse gas, and health risk impacts from the Proposed Project are accurately evaluated and mitigated where feasible. If you have any questions regarding this letter, please contact me at swang1@aqmd.gov.

Sincerely,

Sam Wang

Sam Wang
Program Supervisor, CEQA IGR
Planning, Rule Development & Implementation

SW
LAC231115-04
Control Number

¹¹ Southern California Association of Governments' 2020-2045 RTP/SCS can be found at:
https://www.connectsocial.org/Documents/PEIR/certified/Exhibit-A_ConnectSoCal_PEIR.pdf.

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protecting, and
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ATTN: EVAN SENSIBLE
LOS ANGELES COUNTY
DEPARTMENT OF REGIONAL PLANNING
320 WEST TEMPLE ST.
LOS ANGELES, CA 90012

December 22nd, 2023

Los Angeles County West San Gabriel Valley Area Plan

Arroyos & Foothills Conservancy (AFC) appreciates the opportunity to provide comments on the LA County West San Gabriel Valley Area Plan (Plan). We like what we read and we comment in furtherance of its purposes and goals. The Plan touches on some of the points that follow but omits them in other places where it would be logical and informative to include them; otherwise they may be overlooked.

Our overarching mission of saving native habitat for wildlife is very much in alignment with the Plan's goals of preserving natural habitats and fostering wildlife connectivity. We would particularly like to direct attention to our regional initiative, the Hahamongna to Tujunga Wildlife Corridor (HTC), as an essential component in achieving these goals. The HTC is a recognized wildlife corridor and cited in authoritative publications (we will provide upon request). A map of the HTC is attached.

Hahamongna to Tujunga Wildlife Corridor Initiative

AFC works with urgency to create and enhance wildlife corridors, especially to counter the challenges faced by isolated species like mountain lions. The plight of mountain lions such as P-22 and P-41 highlights the need for safe passage between the isolated islands of natural habitat in our urban setting -- including without limitation the San Rafael Hills, Verdugo Mountains and Griffith Park -- and the San Gabriel Mountains. Wildlife corridors are required to connect these and smaller islands with a low elevation corridor along the frontage of the San Gabriels, including Altadena and La Crescenta-Montrose, via a combination of land and water routes.

Wildlife

As stated in the Plan, "wildlife" includes all native wild life -- mammals, amphibians and reptiles, birds, butterflies, bees, insects, etc. and plants. All wildlife moves, and the Plan should adequately address movement by all species. Wildlife depends on native plant species. Native plants are the backbone for the presence and movement of wildlife, virtually everywhere.

Urban conservation and Wildlife Corridors

Within the WSGV natural habitat must not only be preserved but also enhanced. Connecting islands of habitat means passage has to be recreated in an urban setting, whether by land or water. Turn back the biological clock to reclaim the prevalence of native species by rewilding.

Wildlife movement in urban settings can be complex. There are not only roads, but houses, landscaping, fences, walls, patios, pools, dogs, artificial light, noise, kids playing and people walking and talking. Likely lacking are native habitat, cover and natural water sources. Animals are not calm but wary. They do not linger but keep moving. This is not inviting for kittens, cubs and fawn, nor conducive to bed down. Urban wildlife corridors and crossings reflect these realities, requiring remedial actions.

The definitions of Habitat Linkages and Wildlife Corridors under *Regional Habitat Linkages* at page 26 should encompass corridors in the confined urban setting.

Urban conservation happens with remnants -- with bits and pieces. High priority properties are valued for their impact, not their size. We stress the significance of urban conservation, and we advocate for the inclusion of language in the Plan to support the conservation of smaller urban parcels. This inclusion could aid AFC and others obtain funding for our urban land conservation initiatives.

Habitat

- We must enhance native habitat, and not just preserve what currently exists. See *Prevent Habitat and Biodiversity Loss* at page 38.
- Maximize all opportunities to increase the native plant palette everywhere, including residential areas. (Is the Plan advisory for the incorporated areas within the WSGV or does it have no relevance to them? Can the Plan be cited effectively when pursuing its goals in incorporated areas?) Native plants in the front yard support wildlife – birds, bees, butterflies, insects and urban mammals -- and their prevalence and movement. Suggest adding to Policy C/NR 3.9 at page 33; at the top of the list under *Urban Greening Program* at page 36; under *Habitat Fragmentation* on page 38, and elsewhere.
- Drought tolerant landscaping gets us half the way toward sustainability; natives landscaping gets us all the way.
- Prioritize native trees when we seek to enhance the canopy. See page 51 under *Our County...*, page 54 under *Heat Mitigation*.
- Remove invasive species, allow natives to repopulate, and revegetate with locally sourced native plants.
- Use ecologically sensitive vegetative management practices when modifying habitat. For legally required fire fuel reduction this means removing non-native species and encouraging suitable native plants. [Let us know if a definition of ESVM would be helpful.] Suggest adding to *Fire Risk* section at page 27.
- Restoring waterways, whether by concrete removal in drainages or otherwise, should include habitat restoration. See references to modifying “channels” at page 39; top of page 67 under *Watershed Management*.
- Soil disturbance invites the intrusion of non-native plants. Minimize soil disturbance.
- All habitat restoration requires a sustained effort over multiple years to reestablish mature plant communities over invasive species.

Biodiversity

Consider defining the biodiversity challenge as preserving, restoring and enhancing native species.

We suggest the Plan cite and consider adopting and implementing the United Nations Convention on Biodiversity recommendations.

Lighting

Lighting has a profound impact on most wildlife. New projects should be designed with the impact of lighting on wildlife in mind. Mitigation should be considered for existing development where negative impacts exist. AFC would be happy to cite authorities; please advise if desired. See *Dark Skies* on page 37.

SEAs

The San Rafael Hills should be considered for an SEA.

Collaboration

AFC has the knowledge and tools to contribute to baseline biological surveys and long-term conservation plans. AFC currently collaborates with regional jurisdictions and conservation organizations to achieve regional conservation goals and is committed to the same with LA County.

Sincerely,

A handwritten signature in black ink that reads "John". The signature is written in a cursive, flowing style.

John Howell
CEO, Arroyos & Foothills Conservancy

From: [Tim Martinez](#)
To: [West SGV Area Plan](#)
Subject: West San Gabriel Valley Area Plan Comments
Date: Friday, December 22, 2023 3:22:16 PM

CAUTION: External Email. Proceed Responsibly.

Hello,

My comments are in regard to the following parts of the WSGVAP:

"The Los Angeles County Urban Agriculture Incentive Zone (UAIZ) Program aims to put into action the UAIZ Act from the California Government Code. The goal is to boost urban agriculture by encouraging property owners in the County's urban areas to use their vacant or undeveloped land for small-scale farming" (Page 5)

Policy C/NR 9.4: Support countywide community garden and urban farming programs.

Action 130: Support the use of public and private land for urban and peri-urban agriculture, such as community gardens, by measures such as identifying available public parcels, streamlining permitting and leasing processes, and incentivizing the conversion of vacant property to agricultural use.

My comments:

Please consider how to facilitate the types of activities listed as permitted under the [Urban Agriculture Incentive Zone Program](#):

"Community gardens, nurseries, agricultural education centers, small-scale crops, and animal husbandry are just a few examples that are permitted. In limited cases, tool sheds, greenhouses, produce stands, and **instructional spaces** are acceptable structures for use with an agricultural land use under this program."

Yurts, shipping containers, and other temporary or semi-permanent structures would be ideal instructional spaces, but in my previous correspondence with the County, they have said that yurts are "not accessory to agriculture" because they are considered "habitable structures". To qualify for the Urban Agriculture Incentive Zone (UAIZ) program, the land must be vacant, and have no "habitable structures".

We cannot live in yurts in LA County, so how are these tents considered "habitable"? People have them in their backyards...

Here are a couple of County resources which refer to yurts as "temporary structures". This would indicate to me that they are not "habitable structures" as the County informed me:

"Fees will be based on the intended use of the structure, including permanently designated sites for tents, **yurts**, trailers, modulars, **and similar temporary structures.**"

https://library.municode.com/ca/los_angeles_county/codes/code_of_ordinances?nodeId=TIT32FICO_4906.3.4FUMOPLREFESC

"What types of units do not qualify for STR use? • Motorhomes, cars, or other types of

recreational vehicles; • Boats; • ADUs or any other type of habitable accessory structures;
• **Temporary or semi-permanent structures such as tents or yurts**" <https://tcc.lacounty.gov/wp-content/uploads/2021/10/Proposed%20STR%20FAQ%2010.01.21.pdf>

This is what the County wrote to me previously:

"Furthermore, please note that UAIZ is required to be on vacant land. That means absolutely NO habitable structures, and a yurt by definition is habitable. A classroom or education space can be allowed in a UAIZ project, but it should be outdoors supported by some type of shade structure rather than inside a yurt.

Also, Building and Safety requires needs building permits for any yurt structures. Anything other than storage structure is considered habitable and would need B&S permits. If the property is in any kind of fire hazard area, the Fire Department would have some requirements for a tentlike structure (onsite water tanks available for fighting fire, good access to the property, etc.) if Fire allows them at all."

If yurts are temporary structures, is the County correct in saying they would require building permits? Is the County correct that they cannot be used as an instructional space?

The UAIZ program has been a big failure. Elliott Kuhn of Cottonwood Urban Farm - a recipient of the UAIZ tax incentive, doesn't earn income from what he grows, but rather from what he knows:

"The narrow vision of urban agriculture — growing food in the city: That's not how I earn my income. I had to lean into what I know..."

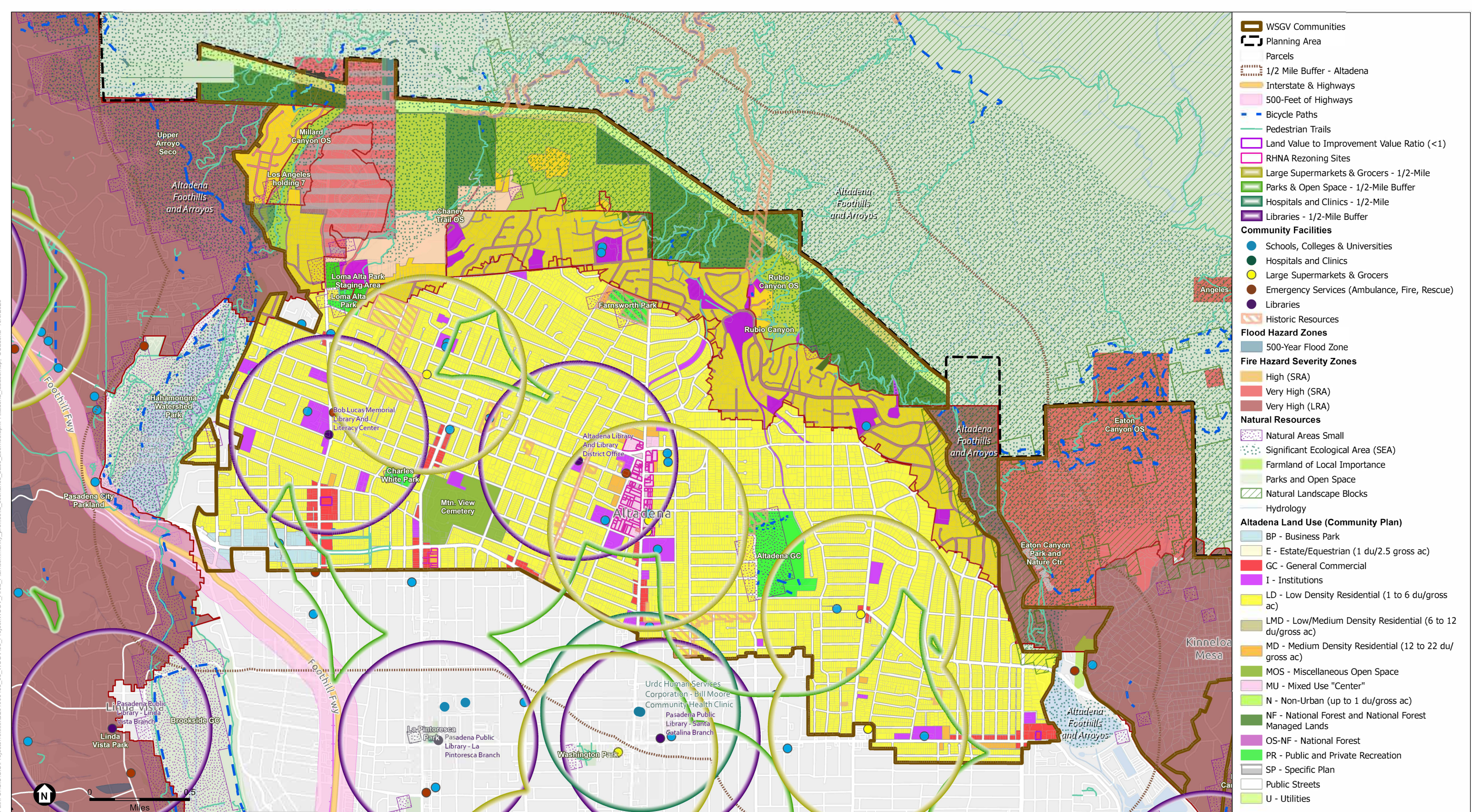
[This article](#), which quotes the Los Angeles Food Policy Council, illustrates perfectly how educational programs, instructional spaces and community building are desperately needed components that should be considered if we are really trying to promote the feasibility of urban agriculture, and the other laudable goals of the County and of the UAIZ program.

I recommend the streamlining and facilitation of permitting in the County's zoning/regulations for the type of outdoor kitchens, outdoor ovens, instructional spaces such as yurts, shipping containers, and other infrastructure that can facilitate educational programs instructional spaces, and community building related to the farm or garden. Relying on "what you know" rather than "what you grow" is essential for the success of urban agriculture.

Thank you,

Tim Martinez
1404 Chamberlain Road
Pasadena, CA 91103

Appendix B
**WSGVAP Existing Conditions
Community Maps**

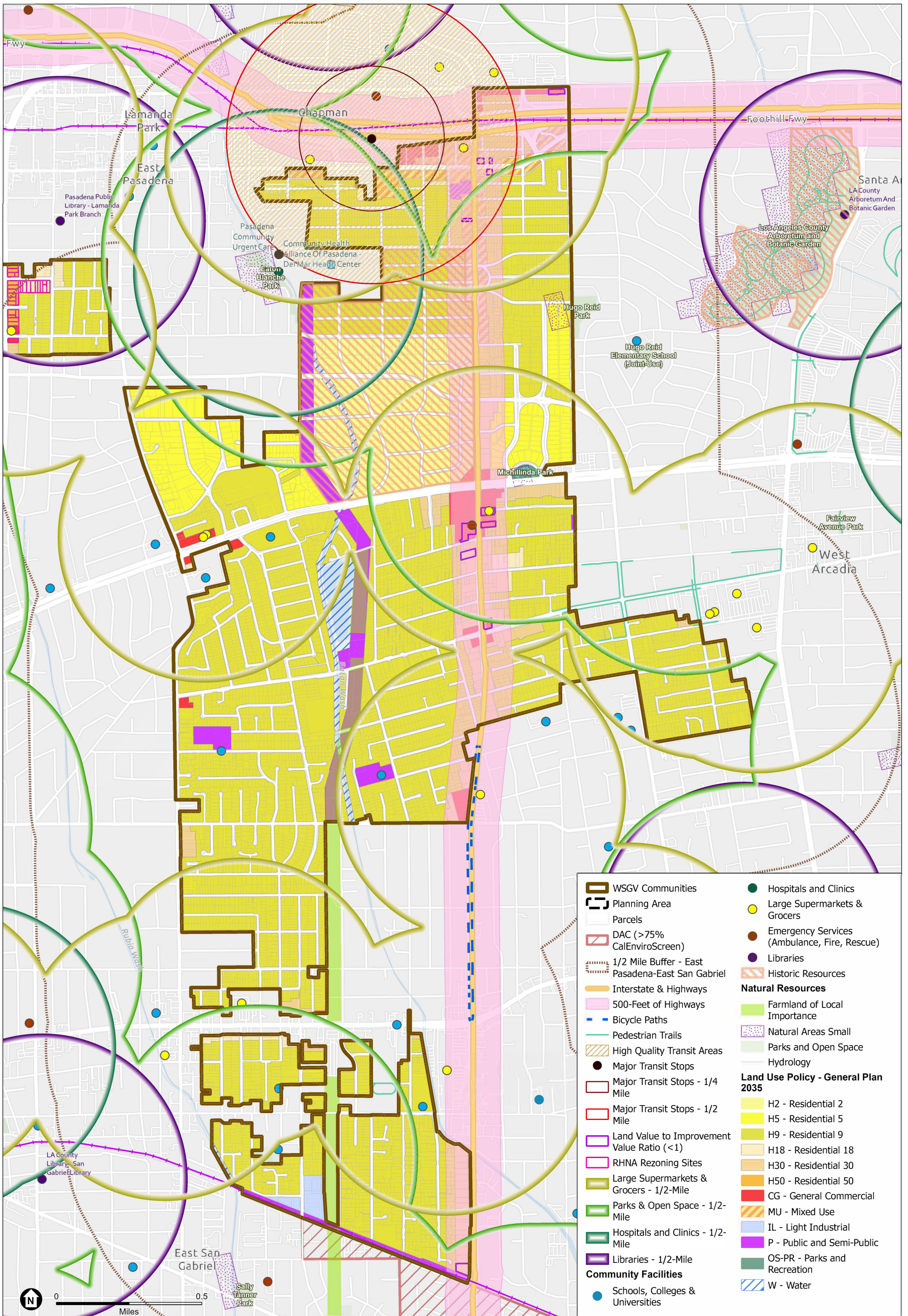


SOURCE: LA County DRP, 2023; ESA, 2023; UrbanFootprint, 2023.

West San Gabriel Valley Area Plan

Figure 1
Altadena

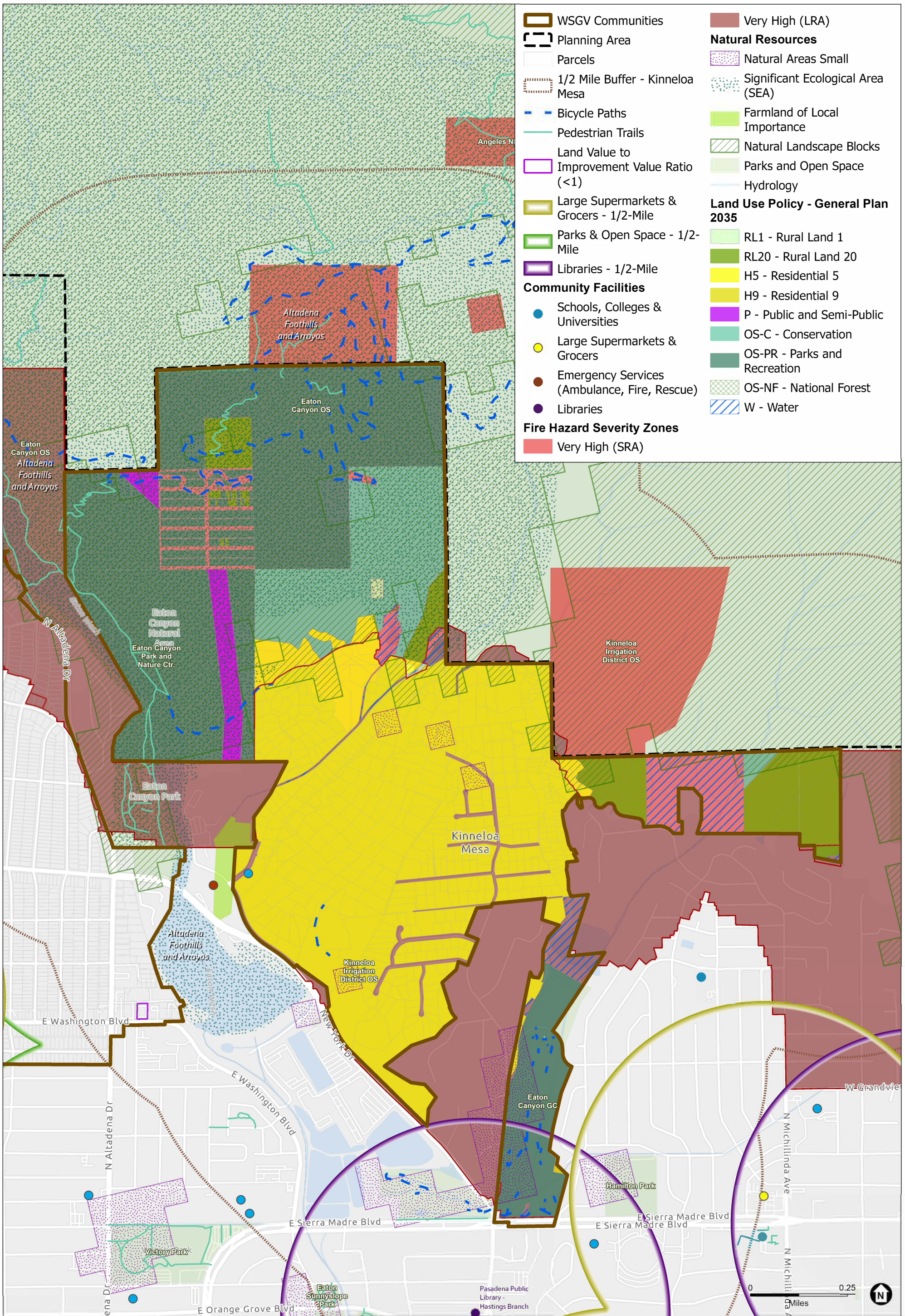




SOURCE: LA County DRP, 2023; ESA, 2023; UrbanFootprint, 2023.

West San Gabriel Valley Area Plan

Figure 2
East Pasadena - East San Gabriel



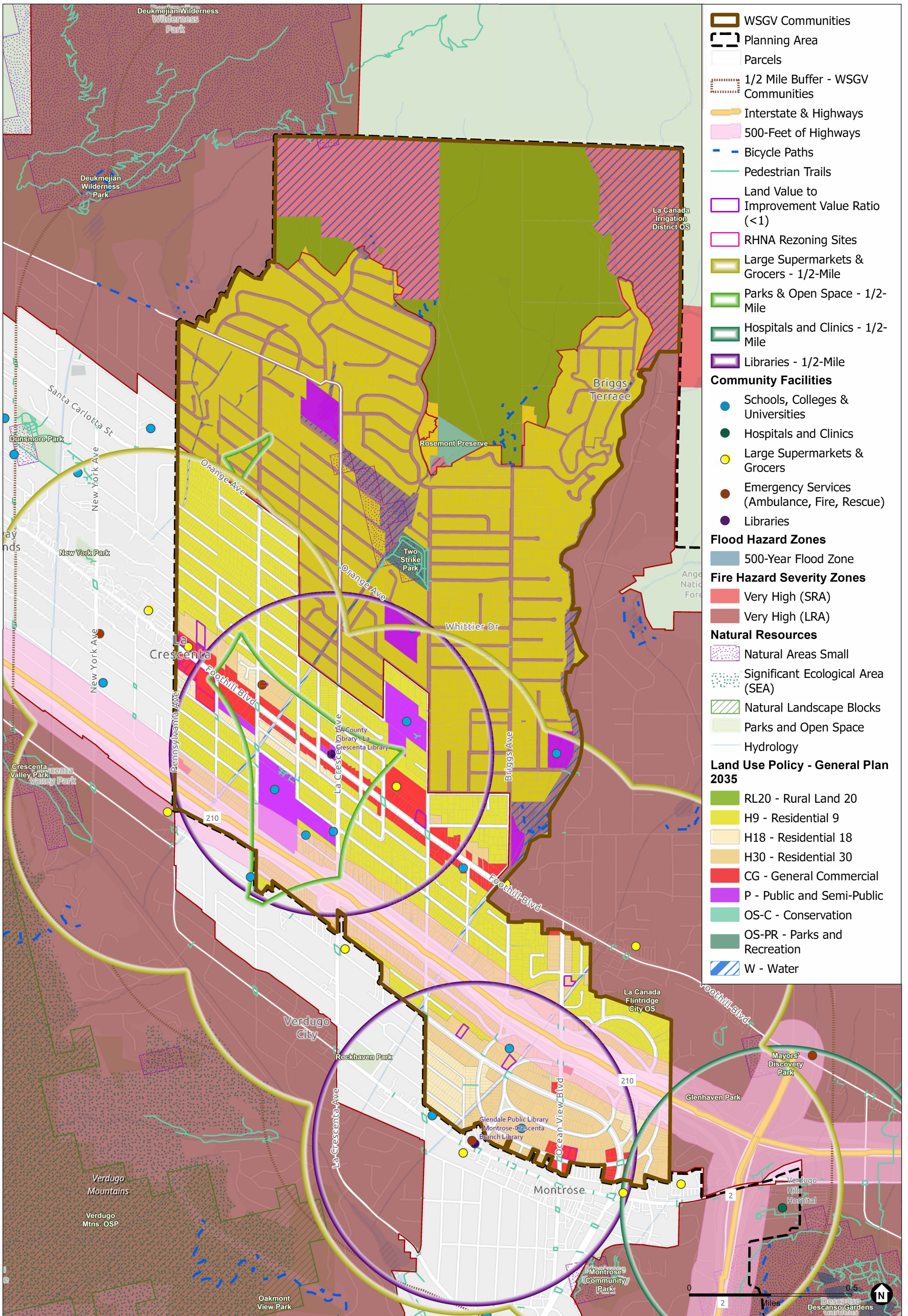
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SOURCE: LA County DRP, 2023; ESA, 2023; UrbanFootprint, 2023.

West San Gabriel Valley Area Plan

Figure 3
Kinneloa Mesa

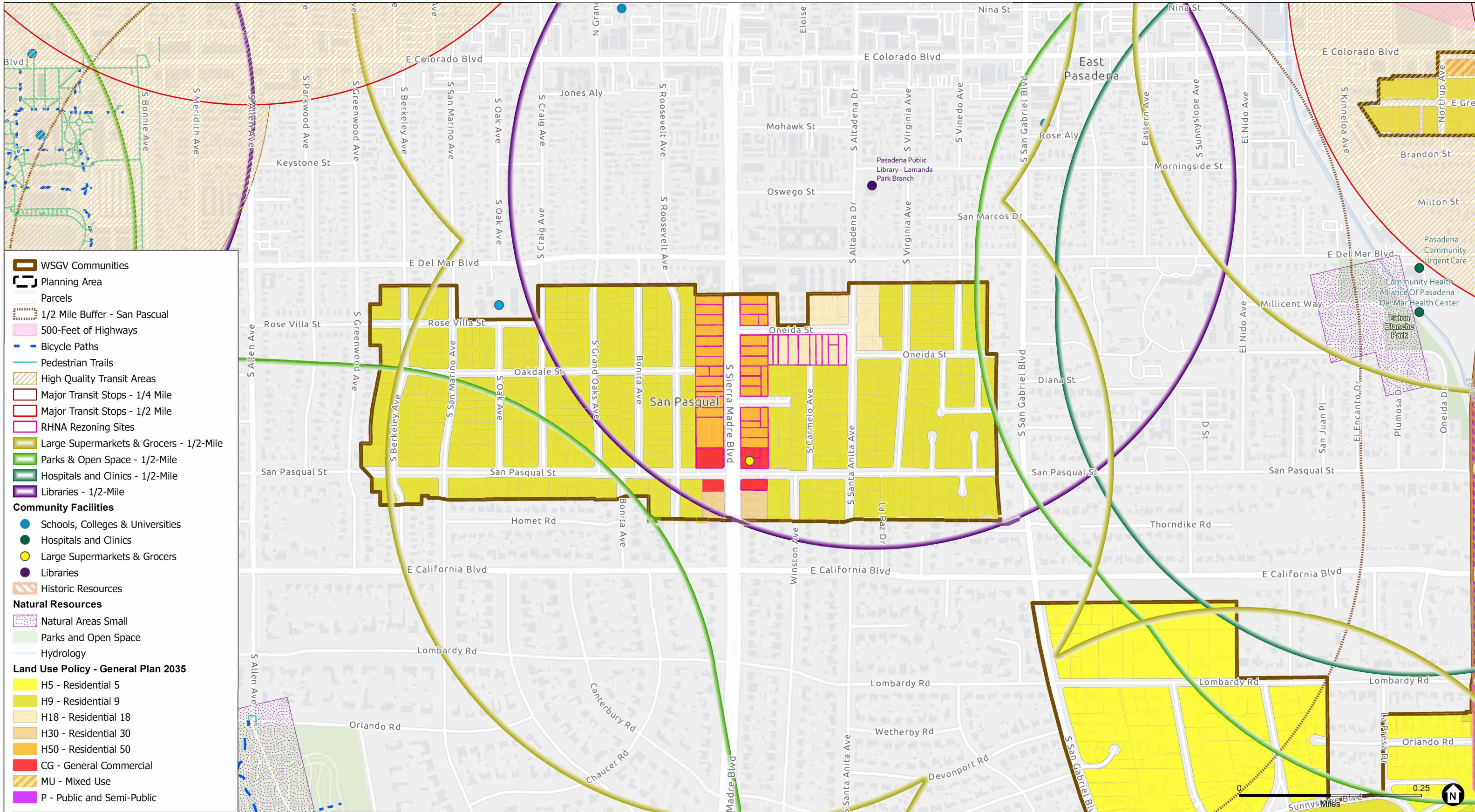




SOURCE: LA County DRP, 2023; ESA, 2023; UrbanFootprint, 2023.

West San Gabriel Valley Area Plan

Figure 4
La Crescenta-Montrose

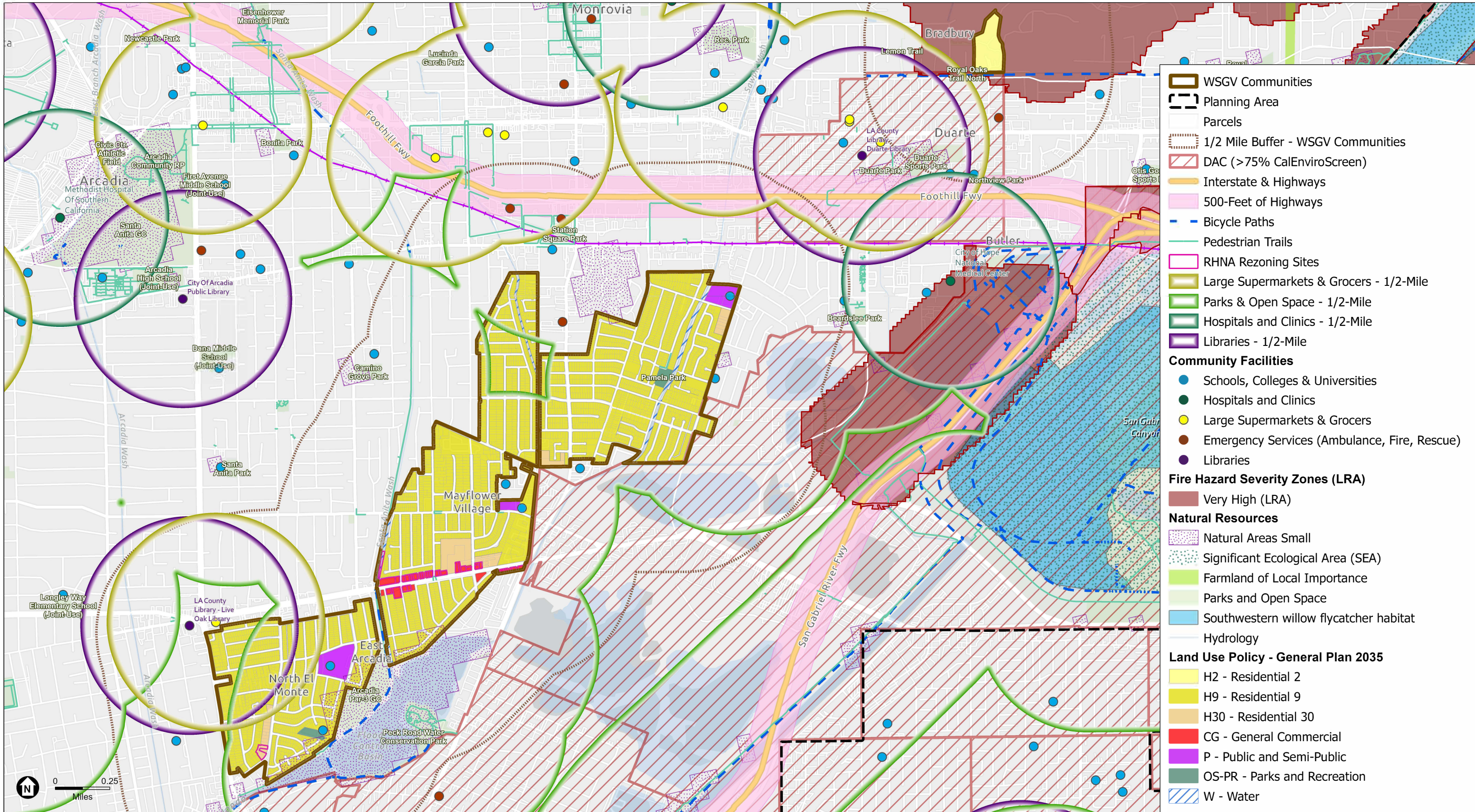


SOURCE: LA County DRP, 2023; ESA, 2023; UrbanFootprint, 2023.

West San Gabriel Valley Area Plan

Figure 5
San Pascual



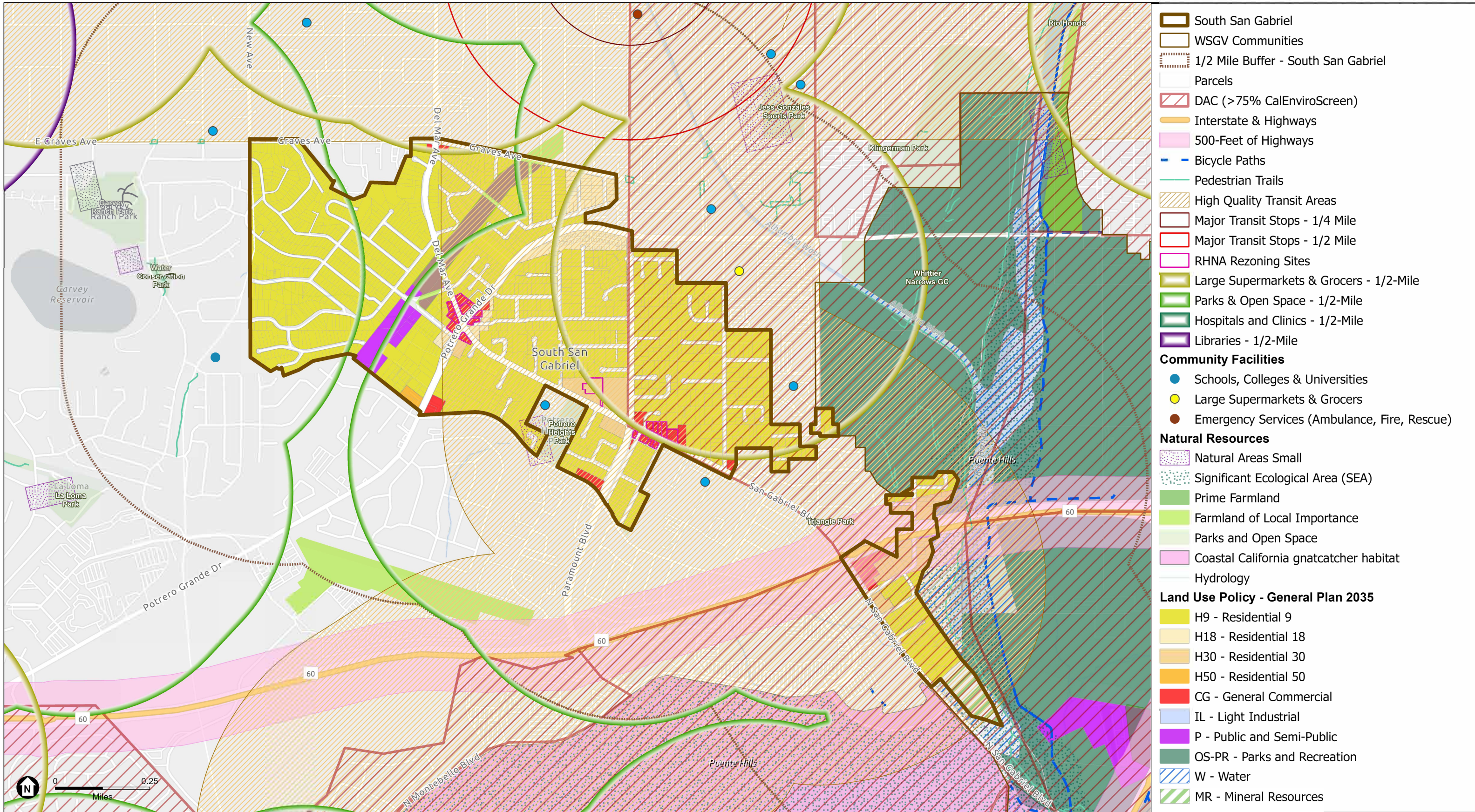


SOURCE: LA County DRP, 2023; ESA, 2023; UrbanFootprint, 2023.

West San Gabriel Valley Area Plan

Figure 6
South Monrovia Islands



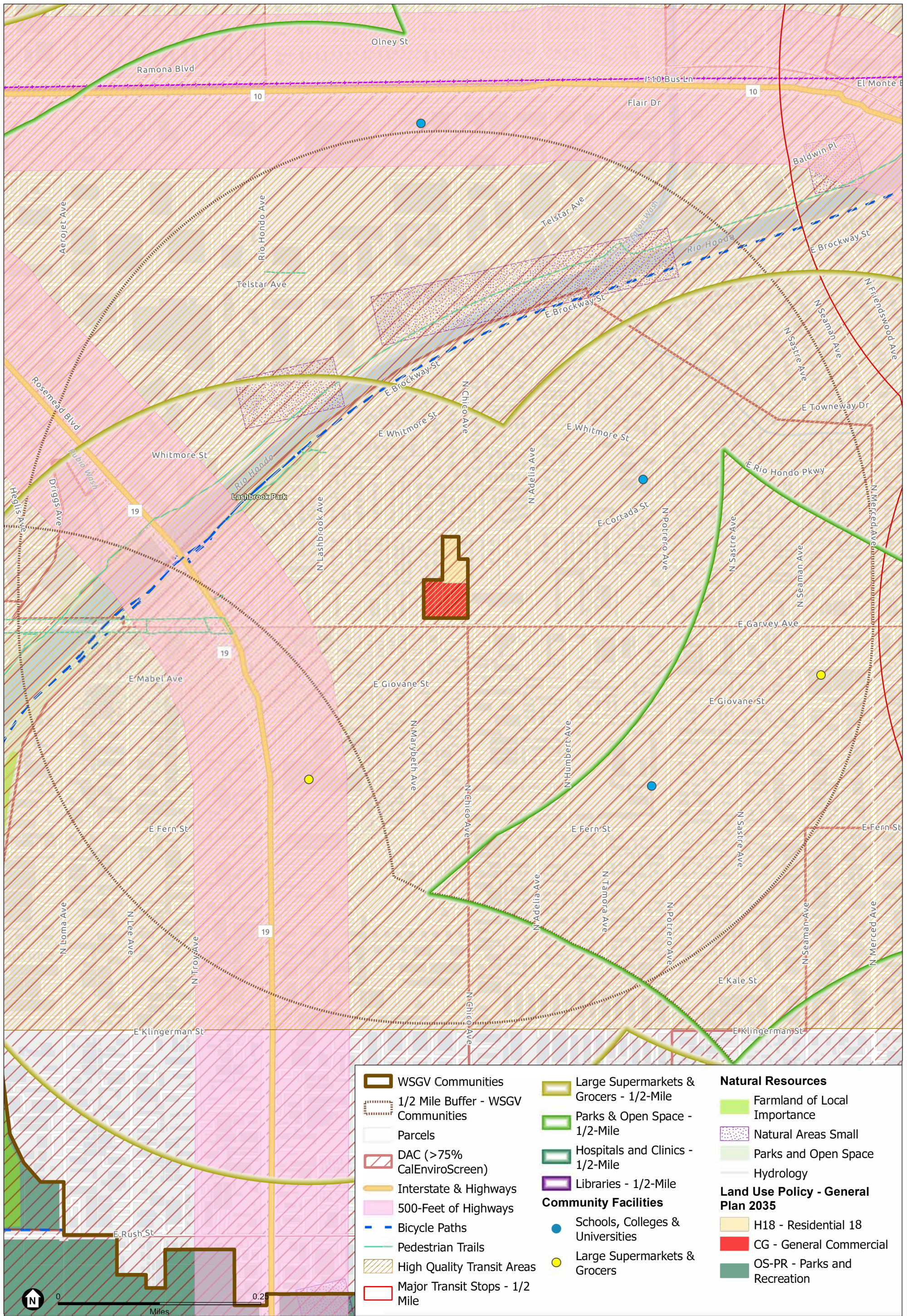


SOURCE: LA County DRP, 2023; ESA, 2023; UrbanFootprint, 2023.

West San Gabriel Valley Area Plan

Figure 7
South San Gabriel





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SOURCE: LA County DRP, 2023; ESA, 2023; UrbanFootprint, 2023.

West San Gabriel Valley Area Plan

Figure 8
South El Monte





- WSGV Communities
- Planning Area
- Parcels
- 1/2 Mile - Whittier Narrows
- DAC (>75% CalEnviroScreen)
- Interstate & Highways
- 500-Feet of Highways
- Bicycle Paths
- Pedestrian Trails
- HQTAs Within 1/2-Mile of Whittier Narrows
- Major Transit Stops - 1/2 Mile
- Large Supermarkets & Grocers - 1/2-Mile
- Parks & Open Space - 1/2-Mile
- Hospitals and Clinics - 1/2-Mile
- Libraries - 1/2-Mile
- Community Facilities**
- Schools, Colleges & Universities
- Hospitals and Clinics
- Large Supermarkets & Grocers
- Emergency Services (Ambulance, Fire, Rescue)
- Libraries
- Flood Hazard Zones**
- 100-Year Flood Zone
- 500-Year Flood Zone
- Fire Hazard Severity Zones**
- Moderate (SRA)
- High (SRA)
- Very High (SRA)
- Very High (LRA)
- Natural Resources**
- Natural Areas Small
- Significant Ecological Area (SEA)
- Prime Farmland
- Farmland of Local Importance
- Parks and Open Space
- Coastal California gnatcatcher habitat
- Hydrology
- Land Use Policy - General Plan 2035**
- H9 - Residential 9
- IL - Light Industrial
- OS-PR - Parks and Recreation
- P - Public and Semi-Public
- W - Water

SOURCE: LA County DRP, 2023; ESA, 2023; UrbanFootprint, 2023.

West San Gabriel Valley Area Plan

Figure 9
Whittier Narrows



Appendix C

WSGVAP Plan Area Communities: Land Use and Zoning Modifications Maps

Antelope Valley

Antelope Valley Planning Area

Los Angeles County

West San Gabriel Valley Area Plan Proposed Land Use Policy

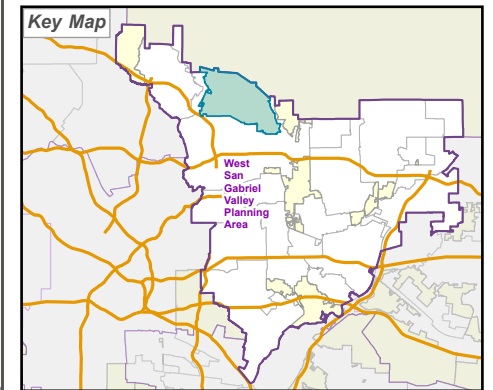
Altadena

Land Use Policy - Proposed

- RL1 - Rural Land 1
- RL2 - Rural Land 2
- RL5 - Rural Land 5
- RL20 - Rural Land 20
- H2 - Residential 2
- H5 - Residential 5
- H9 - Residential 9
- H18 - Residential 18
- H30 - Residential 30
- H50 - Residential 50
- CG - General Commercial
- IL - Light Industrial
- P - Public and Semi-Public
- OS-PR - Parks and Recreation
- OS-NF - National Forest
- W - Water
- SP - Specific Plan

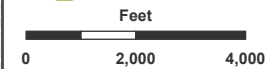
Administrative Boundaries

- Community Boundary
- Surrounding Planning Area

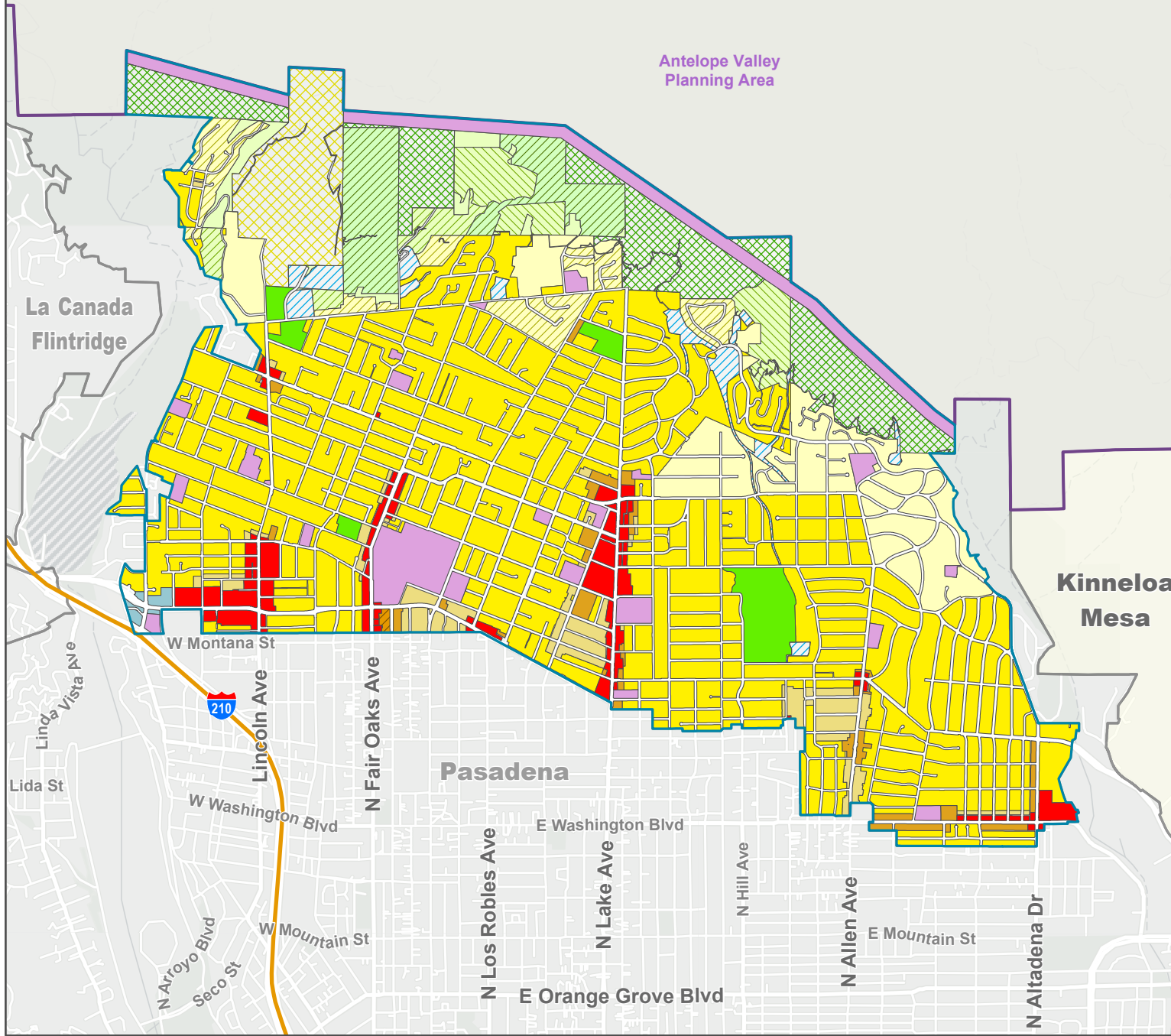


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Antelope Valley

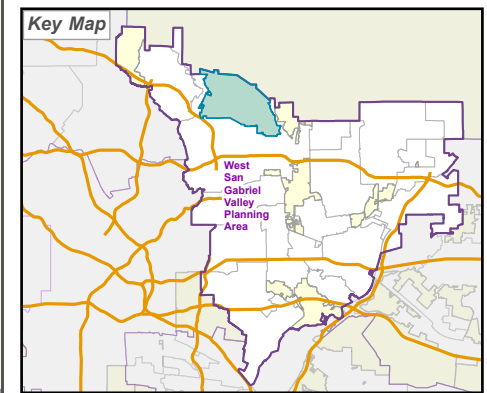
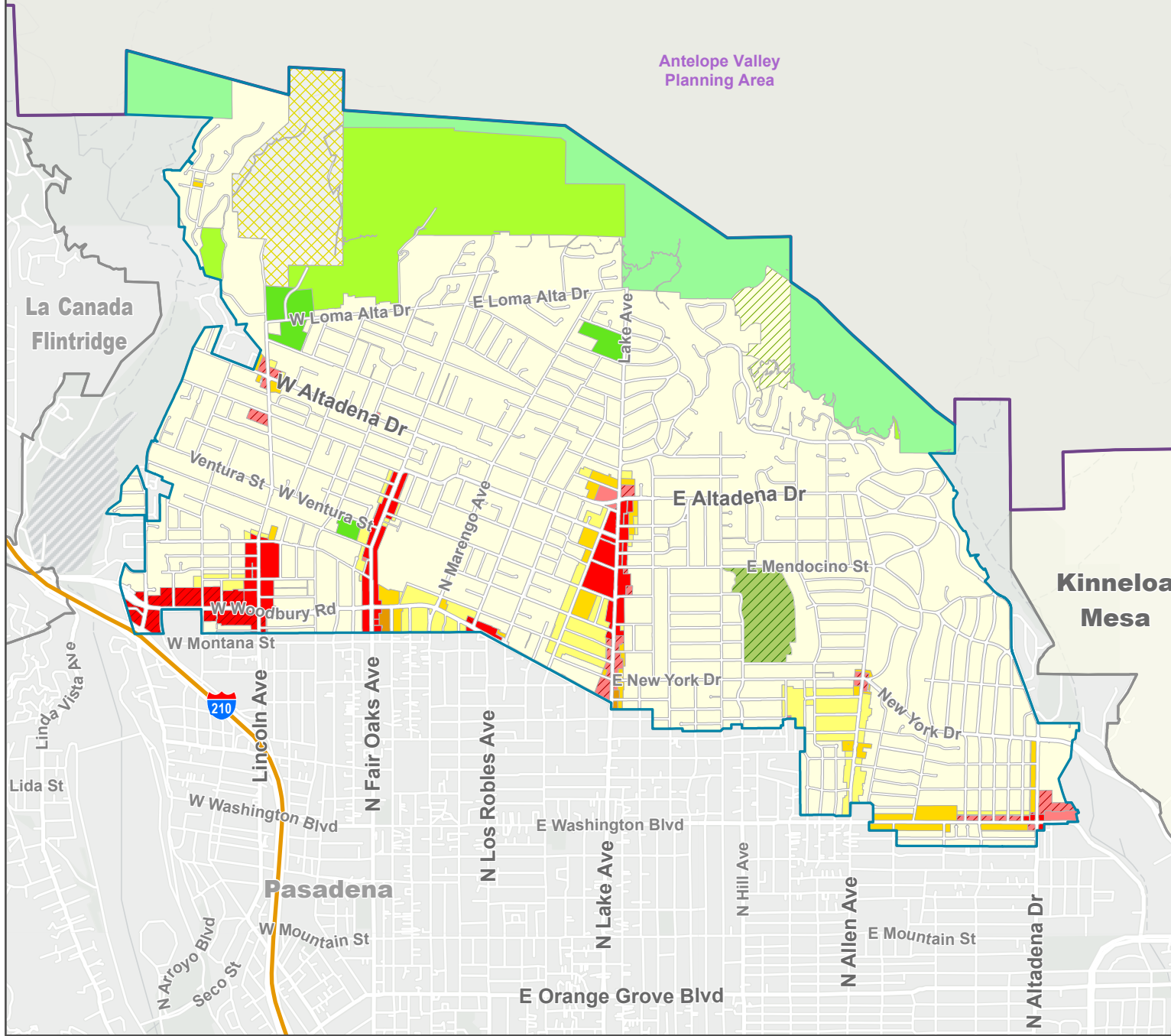
Antelope Valley
Planning Area

Zoning Category

- A-1 - Light Agriculture
- R-A - Residential Agricultural
- R-1 - Single-Family Residence
- R-2 - Two-Family Residence
- R-3 - Limited Density Multiple Residence
- R-4 - Limited Density Multiple Residence
- C-1 - Restricted Business
- C-2 - Neighborhood Business
- C-3 - General Commercial
- C-M - Commercial Manufacturing
- CPD - Commercial Planned Development
- R-R - Resort and Recreation
- O-S - Open Space
- B-1 - Buffer Strip
- SP - Specific Plan
- W - Watershed

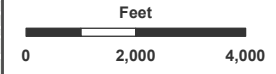
Administrative Boundaries

- Community Boundary
- Surrounding Planning Area

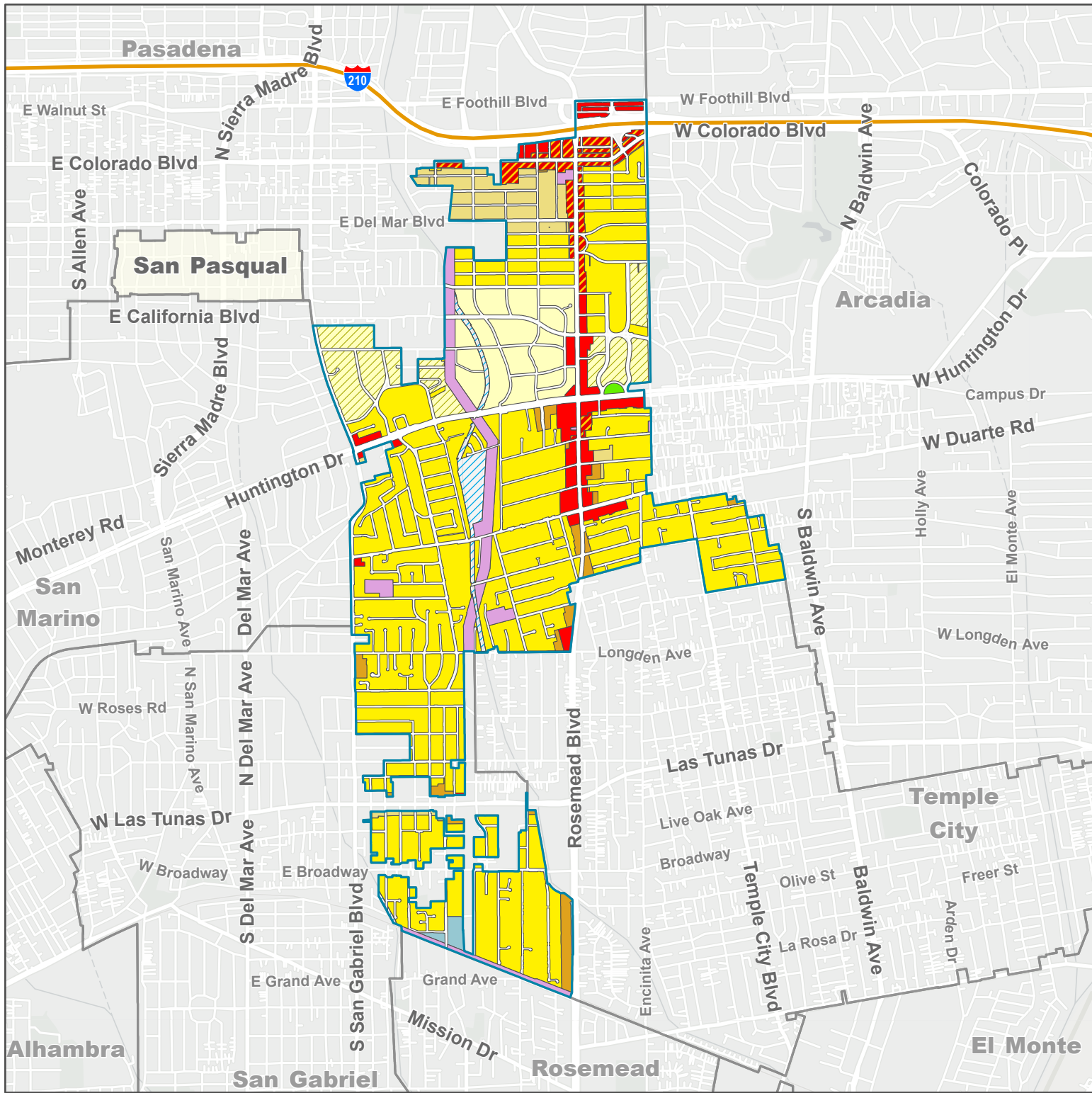


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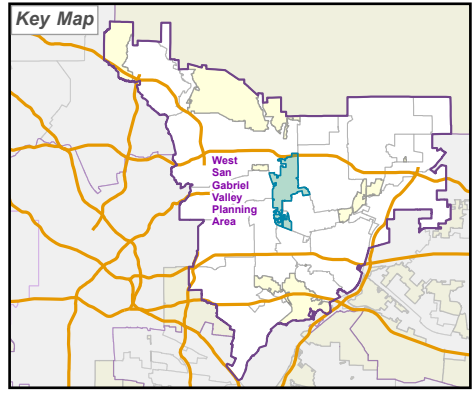



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Los Angeles County
West San Gabriel Valley Area Plan
Proposed Land Use Policy
East Pasadena - East San Gabriel

- Land Use Policy - Proposed**
- H2 - Residential 2
 - H5 - Residential 5
 - H9 - Residential 9
 - H18 - Residential 18
 - H30 - Residential 30
 - CG - General Commercial
 - MU - Mixed Use
 - IL - Light Industrial
 - P - Public and Semi-Public
 - OS-PR - Parks and Recreation
 - W - Water
- Administrative Boundaries**
- Community Boundary







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 320 W. Temple St.
 Los Angeles, CA 90012

Feet



0 2,000 4,000



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West San Gabriel Valley Area Plan Proposed Zoning

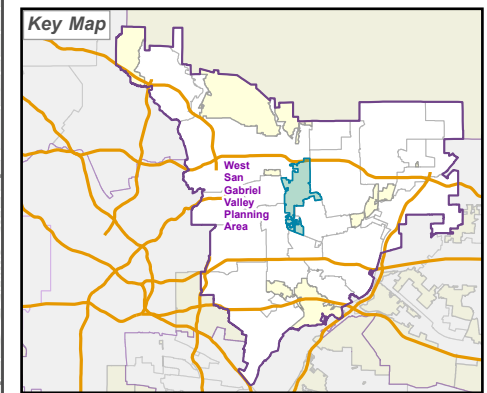
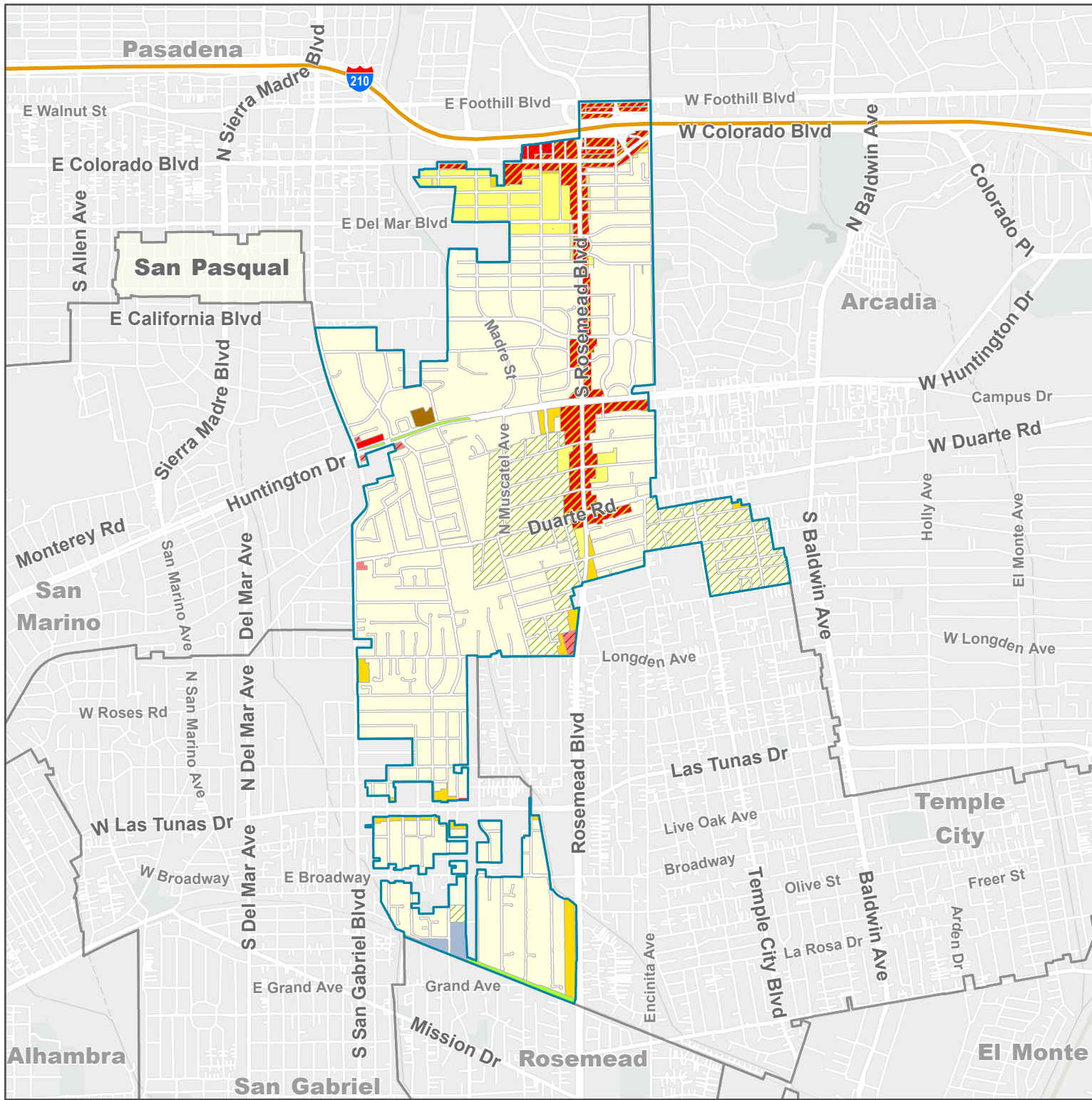
East Pasadena - East San Gabriel

Zoning Category

- A-1 - Light Agriculture
- R-A - Residential Agricultural
- R-1 - Single-Family Residence
- R-2 - Two-Family Residence
- R-3 - Limited Density Multiple Residence
- RPD - Residential Planned Development
- MXD - Mixed Use Development
- C-1 - Restricted Business
- C-2 - Neighborhood Business
- C-3 - General Commercial
- C-M - Commercial Manufacturing
- M-1 - Light Manufacturing

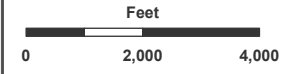
Administrative Boundaries

- Community Boundary



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320 W. Temple St.
Los Angeles, CA 90012



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**West San Gabriel Valley Area Plan
Proposed Land Use Policy**

Kinneloa Mesa

Antelope Valley

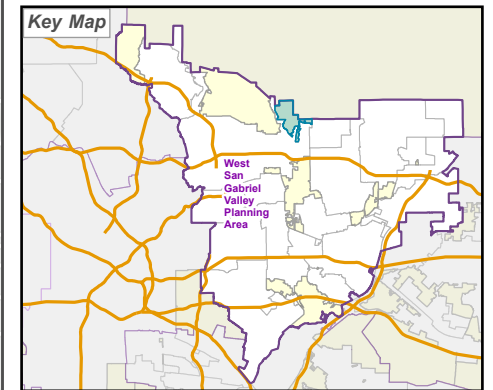
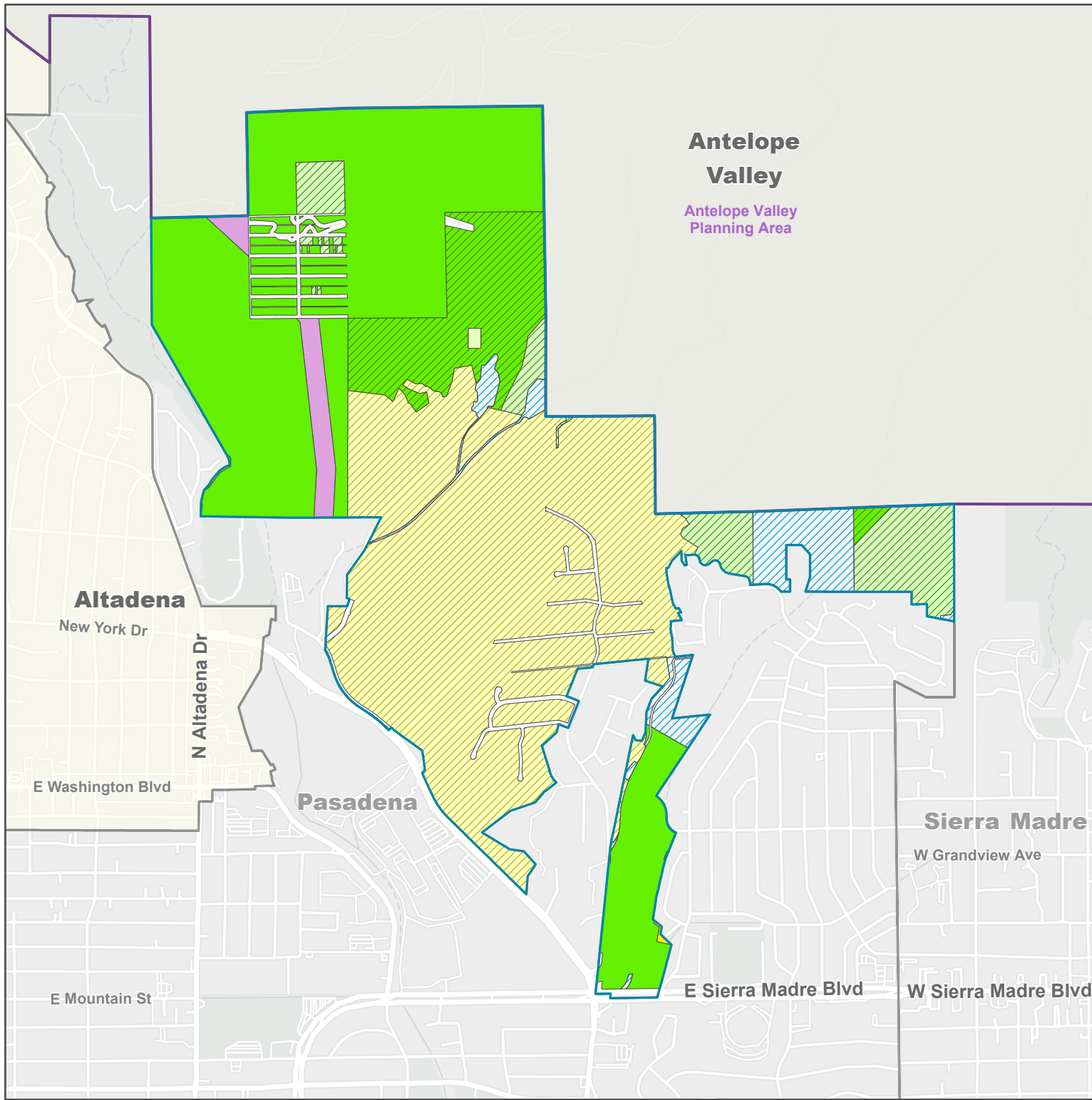
Antelope Valley
Planning Area

Land Use Policy - Proposed

- RL1 - Rural Land 1
- RL20 - Rural Land 20
- H5 - Residential 5
- H9 - Residential 9
- P - Public and Semi-Public
- OS-C - Conservation
- OS-PR - Parks and Recreation
- OS-NF - National Forest
- W - Water

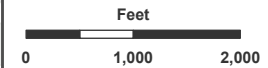
Administrative Boundaries

- Community Boundary
- Surrounding Planning Area



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
**West San Gabriel Valley Area Plan
Proposed Zoning**

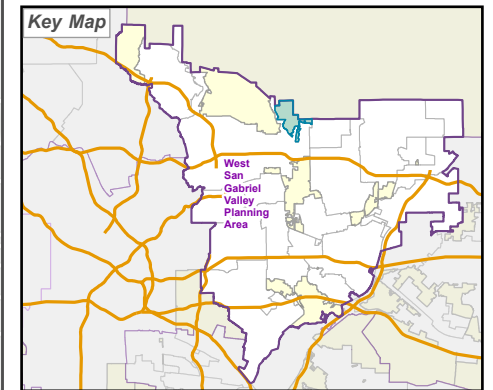
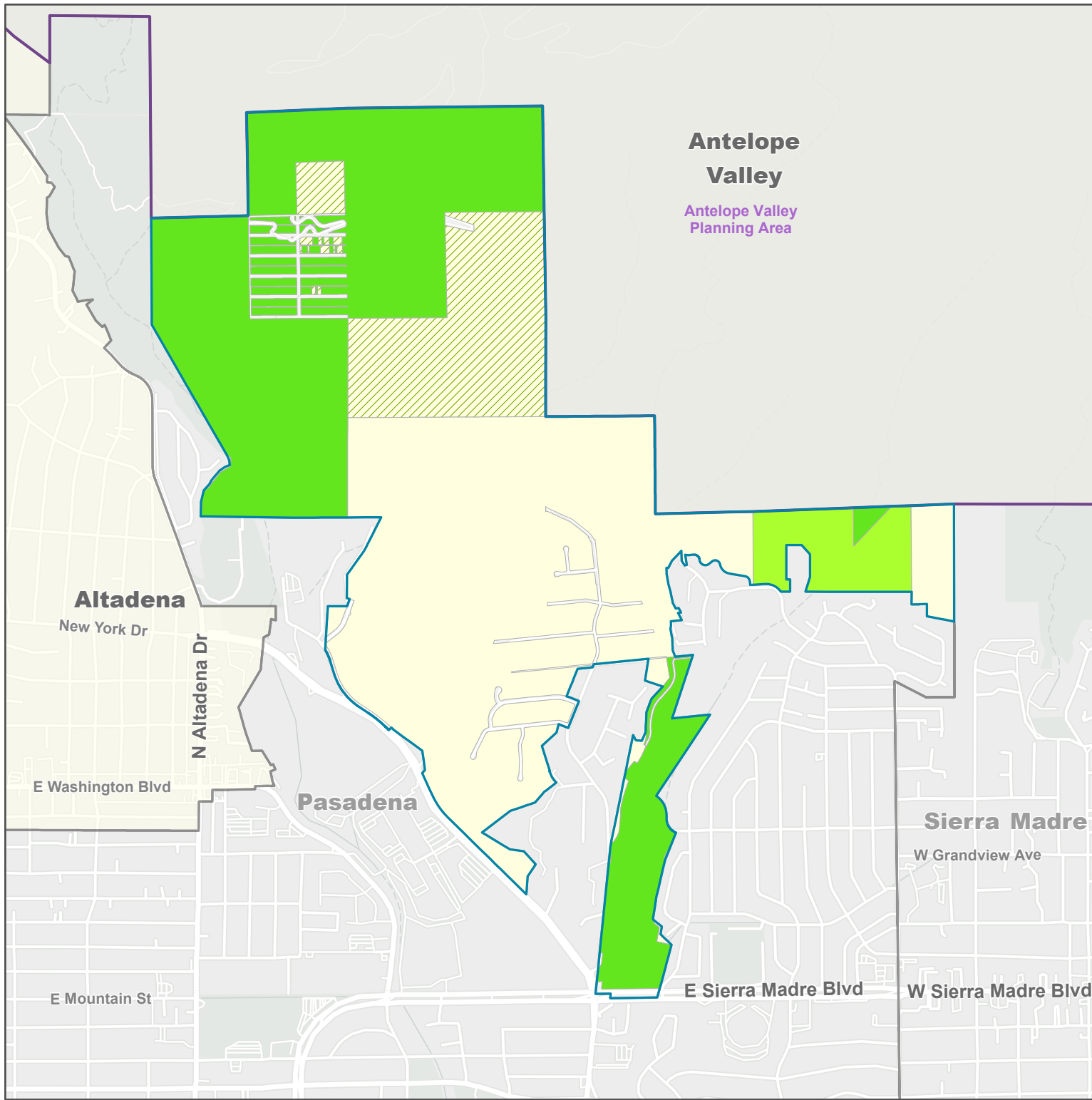
Kinneloa Mesa

Zoning Category

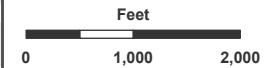
-  A-1 - Light Agriculture
-  R-A - Residential Agricultural
-  R-1 - Single-Family Residence
-  O-S - Open Space

Administrative Boundaries

-  Community Boundary
-  Surrounding Planning Area



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
West San Gabriel Valley Area Plan
Proposed Land Use Policy

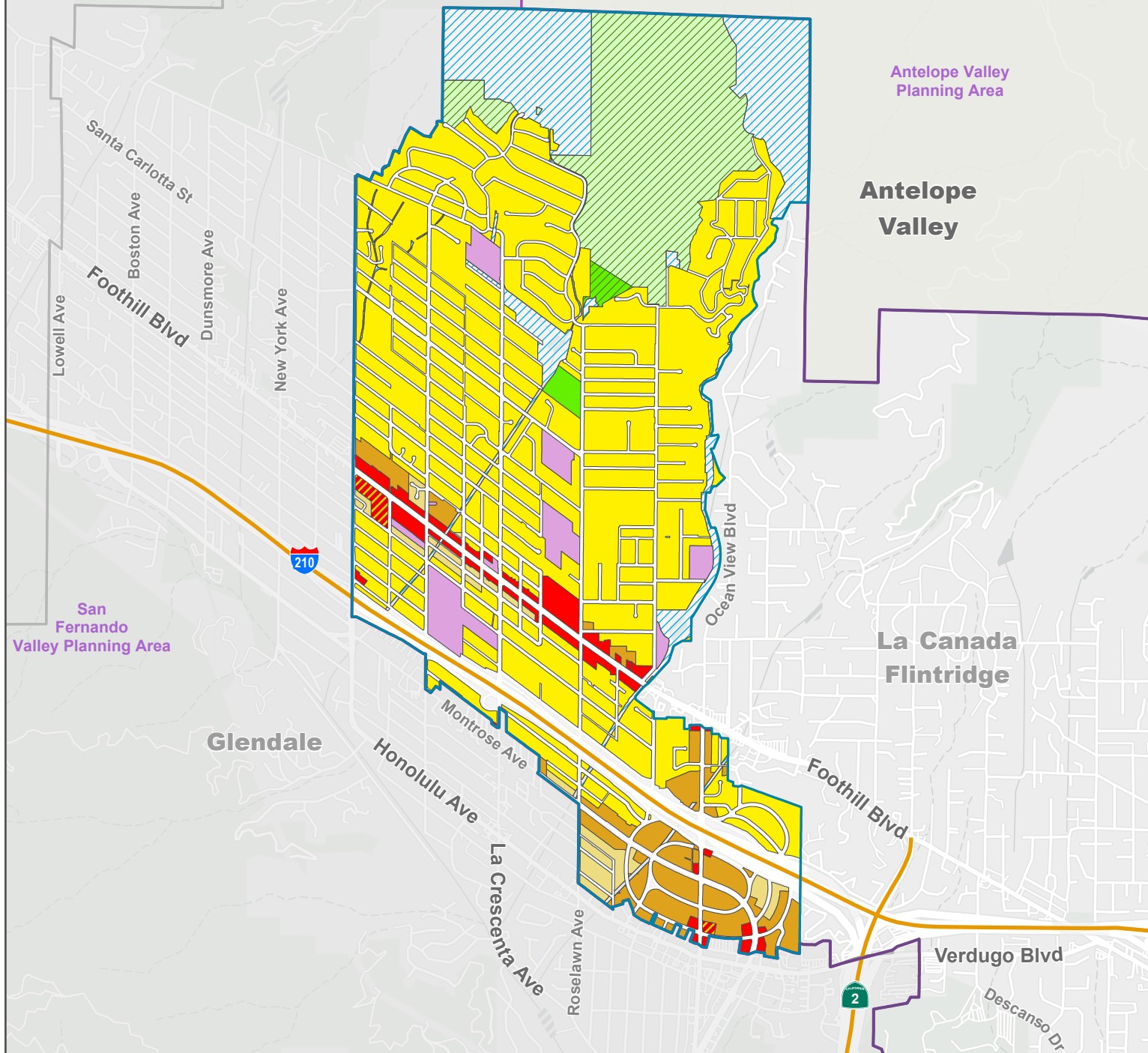
La Crescenta - Montrose

Land Use Policy - Proposed

-  RL20 - Rural Land 20
-  H9 - Residential 9
-  H18 - Residential 18
-  H30 - Residential 30
-  CG - General Commercial
-  MU - Mixed Use
-  P - Public and Semi-Public
-  OS-C - Conservation
-  OS-PR - Parks and Recreation
-  W - Water

Administrative Boundaries

-  Community Boundary
-  Surrounding Planning Area



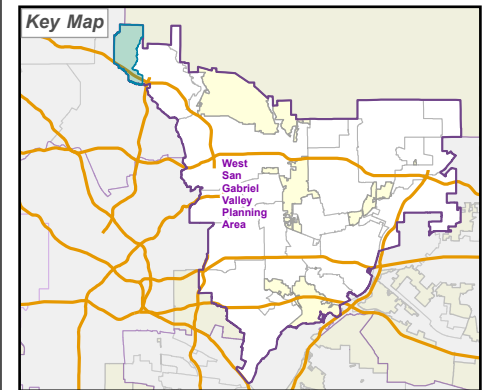
Antelope Valley
Planning Area

Antelope
Valley

La Canada
Flintridge

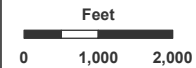
Glendale

San
Fernando
Valley Planning Area



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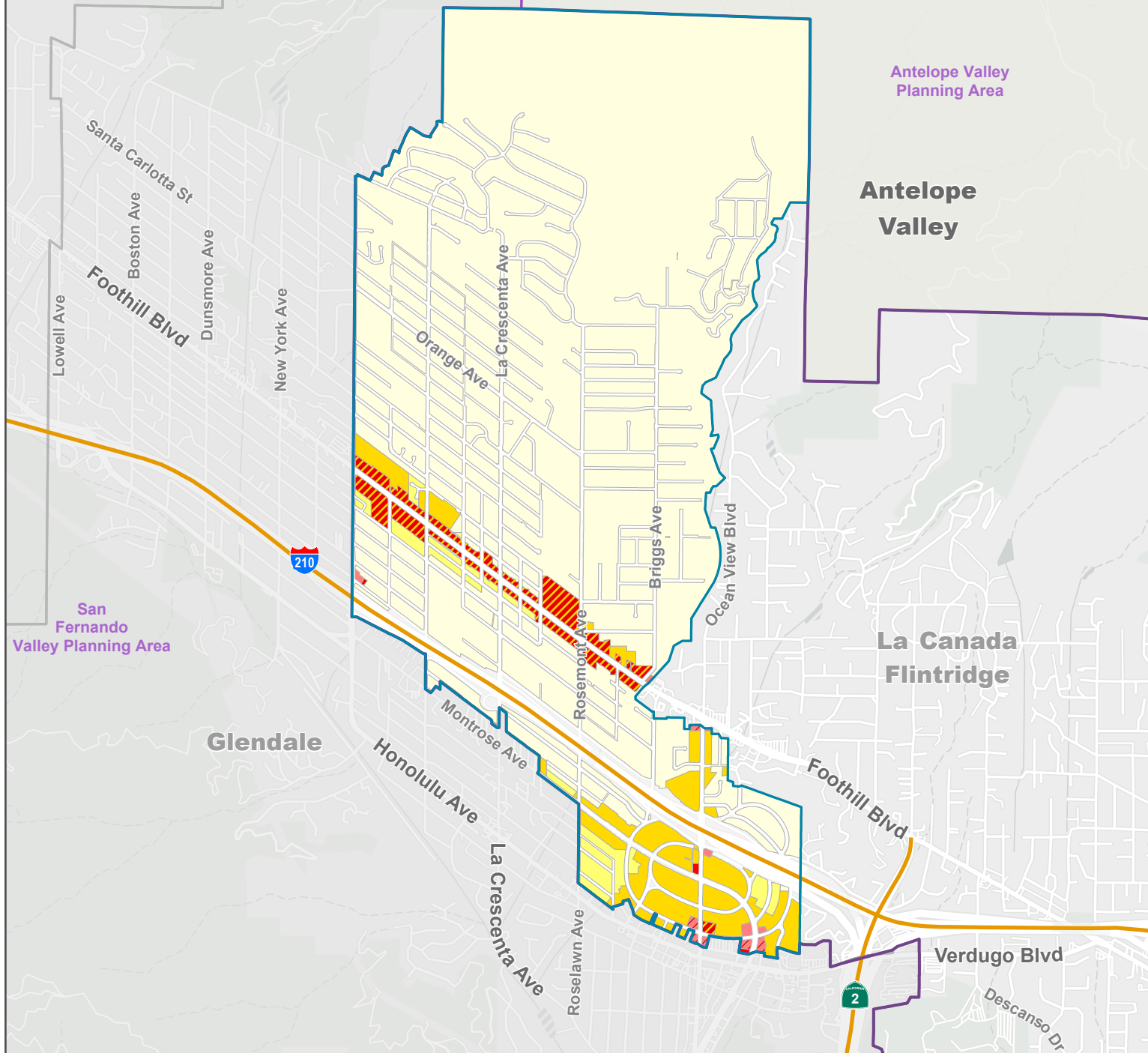
La Crescenta - Montrose

Zoning Category

-  R-1 - Single-Family Residence
-  R-2 - Two-Family Residence
-  R-3 - Limited Density Multiple Residence
-  MXD - Mixed Use Development
-  C-1 - Restricted Business
-  C-2 - Neighborhood Business
-  C-3 - General Commercial
-  CPD - Commercial Planned Development

Administrative Boundaries

-  Community Boundary
-  Surrounding Planning Area



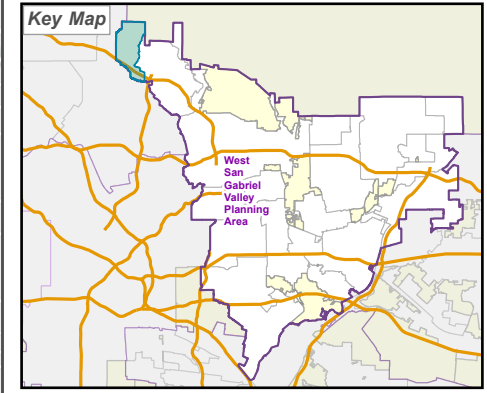
Antelope Valley
Planning Area

Antelope
Valley

La Canada
Flintridge

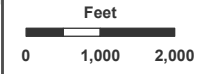
Glendale

San
Fernando
Valley Planning Area



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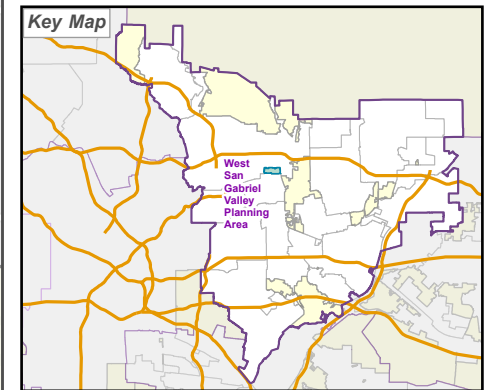
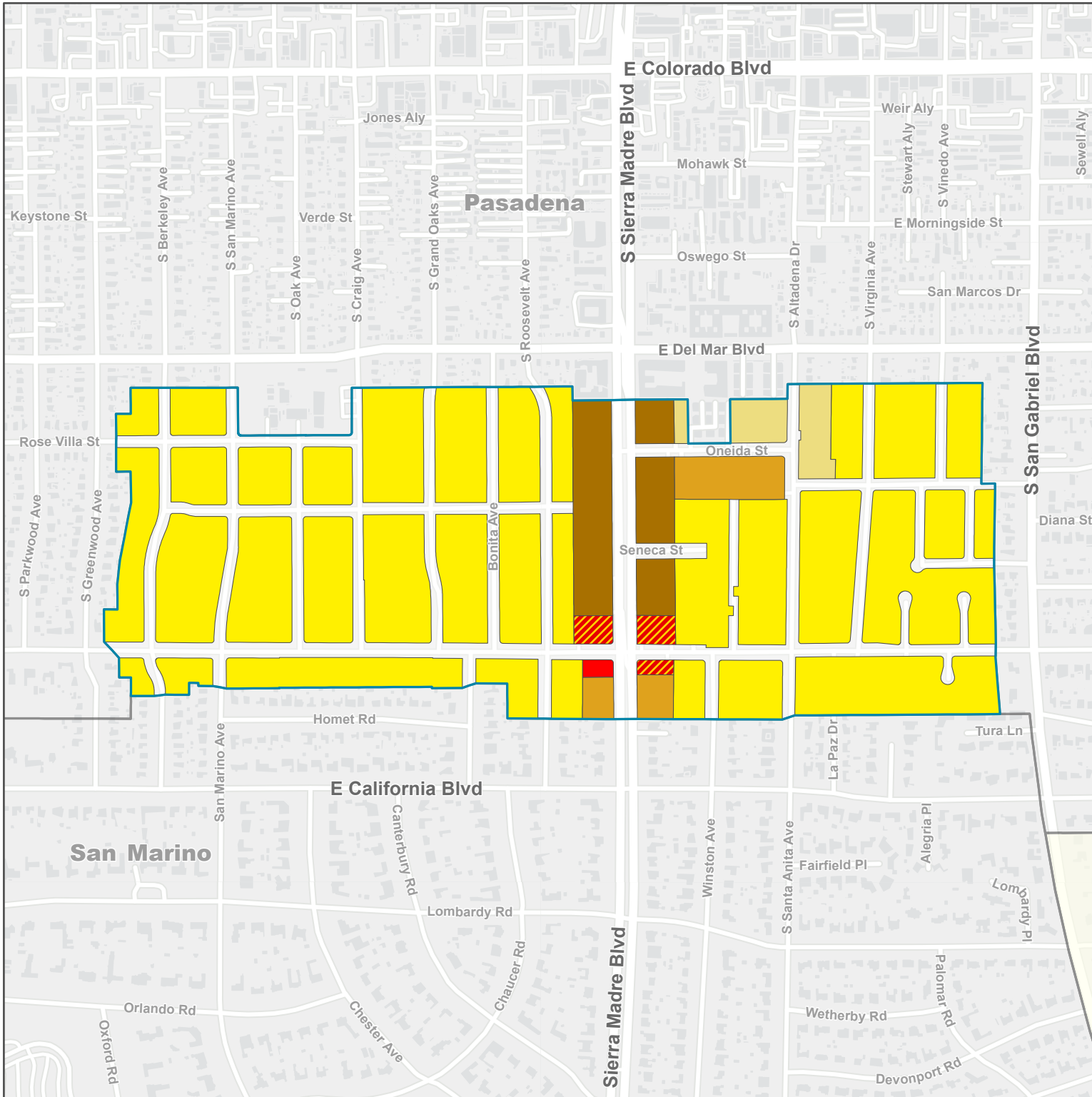
San Pasqual

Land Use Policy - Proposed

-  H9 - Residential 9
-  H18 - Residential 18
-  H30 - Residential 30
-  H100 - Residential 100
-  CG - General Commercial
-  MU - Mixed Use

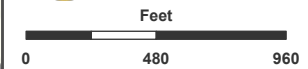
Administrative Boundaries

-  Community Boundary



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Proposed Zoning**

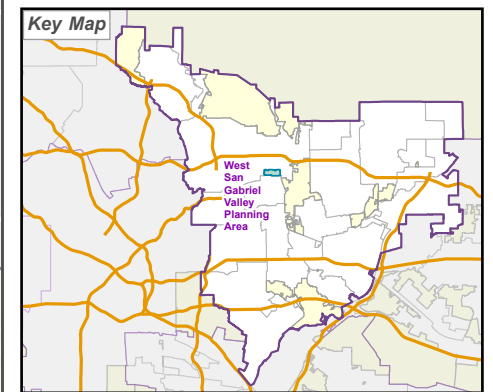
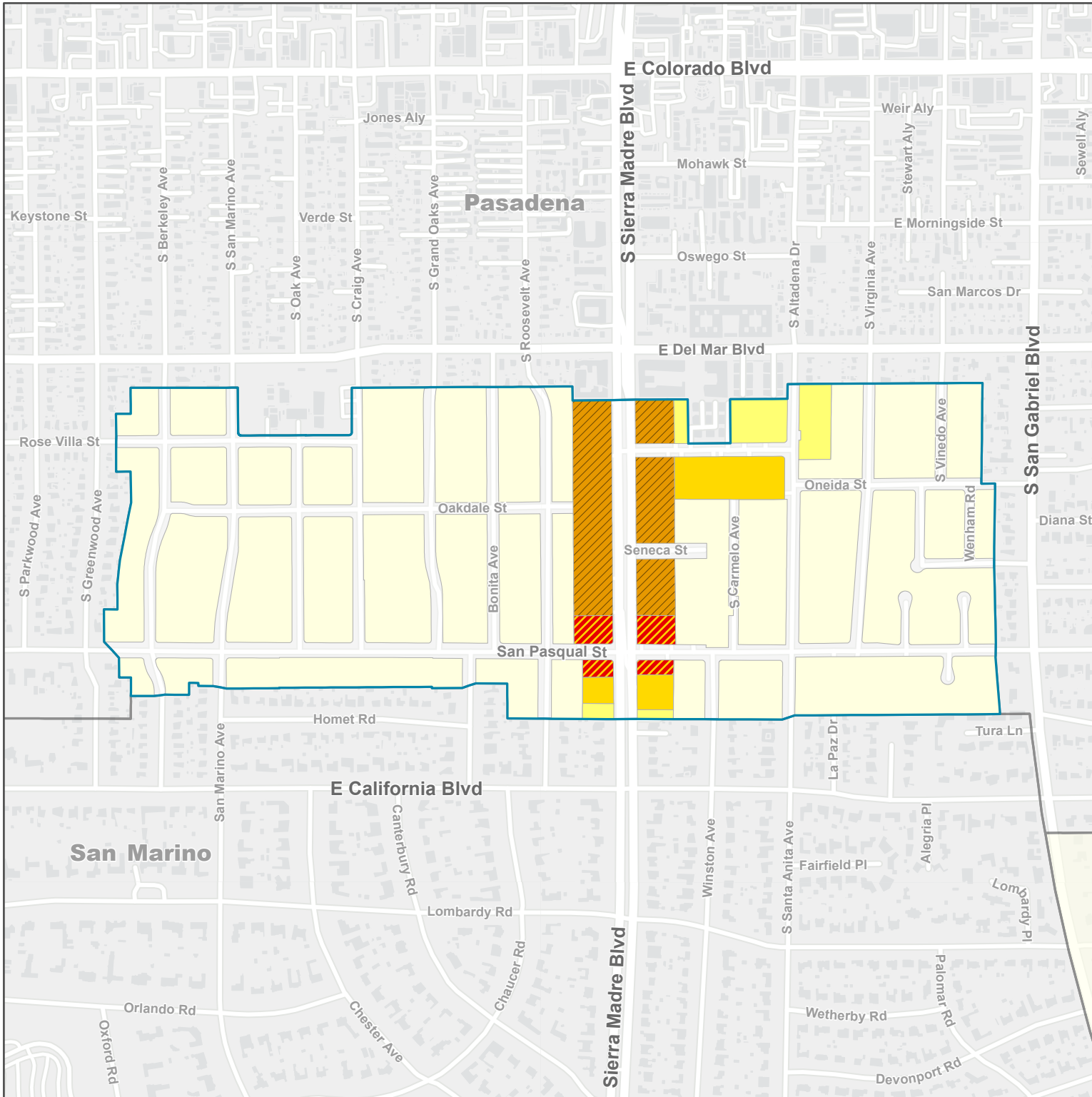
San Pasqual

Zoning Category

- R-1 - Single-Family Residence
- R-2 - Two-Family Residence
- R-3 - Limited Density Multiple Residence
- R-5 - High Density Multiple Residence
- MXD - Mixed Use Development

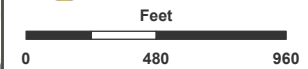
Administrative Boundaries

- Community Boundary



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**West San Gabriel Valley Area Plan
Proposed Land Use Policy**


South El Monte Island

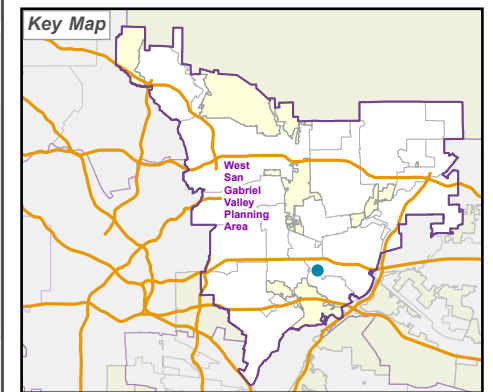
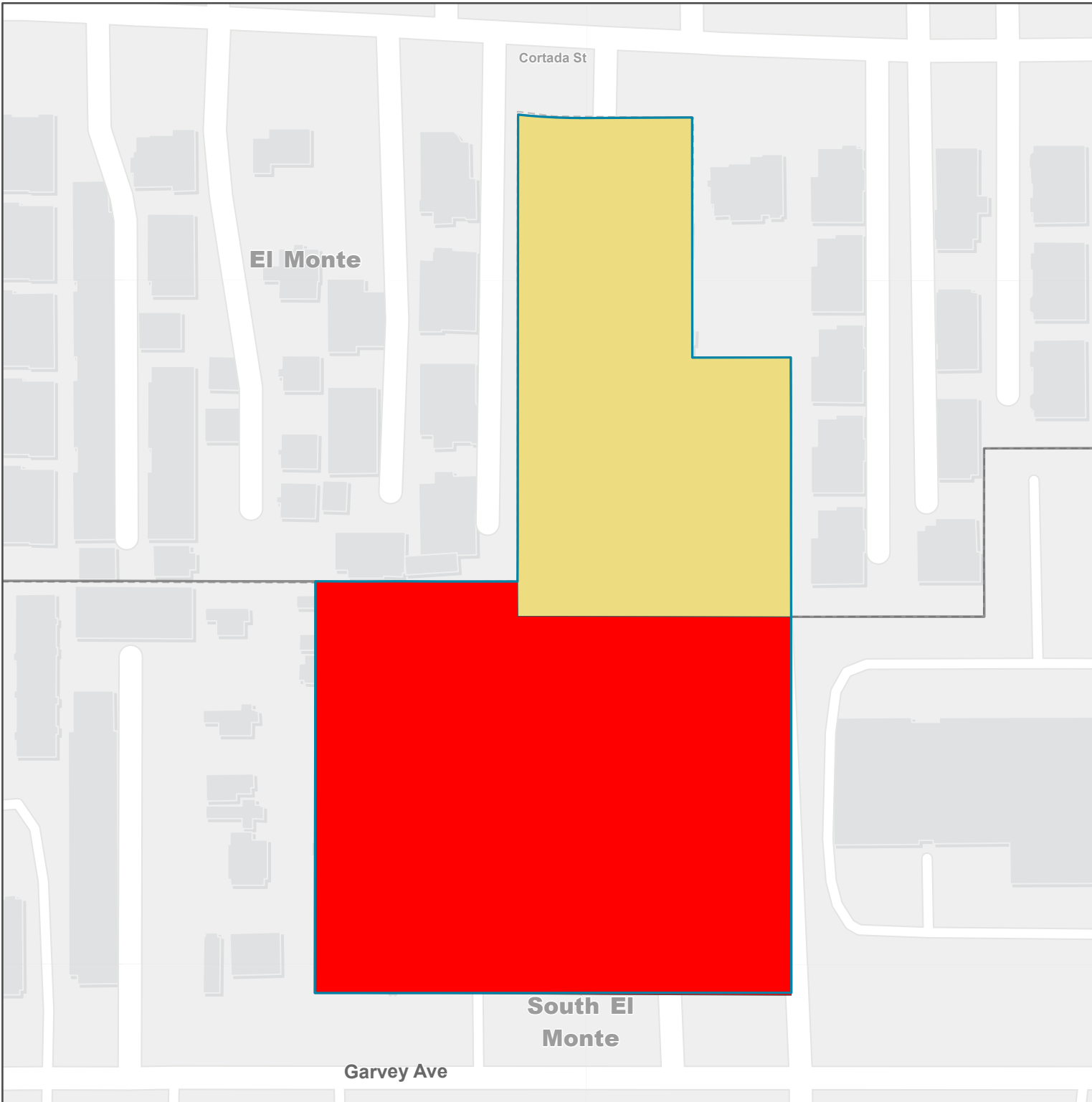
Land Use Policy - Proposed

 H18 - Residential 18

 CG - General Commercial

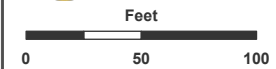
Administrative Boundaries

 Community Boundary



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Proposed Zoning**


South El Monte Island

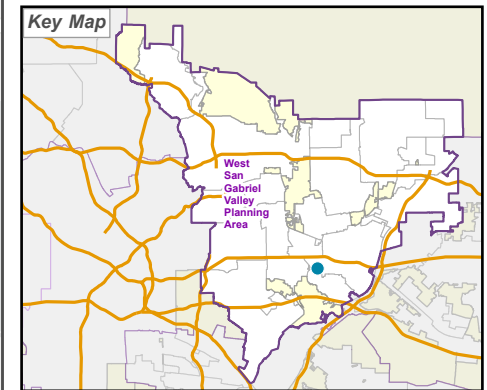
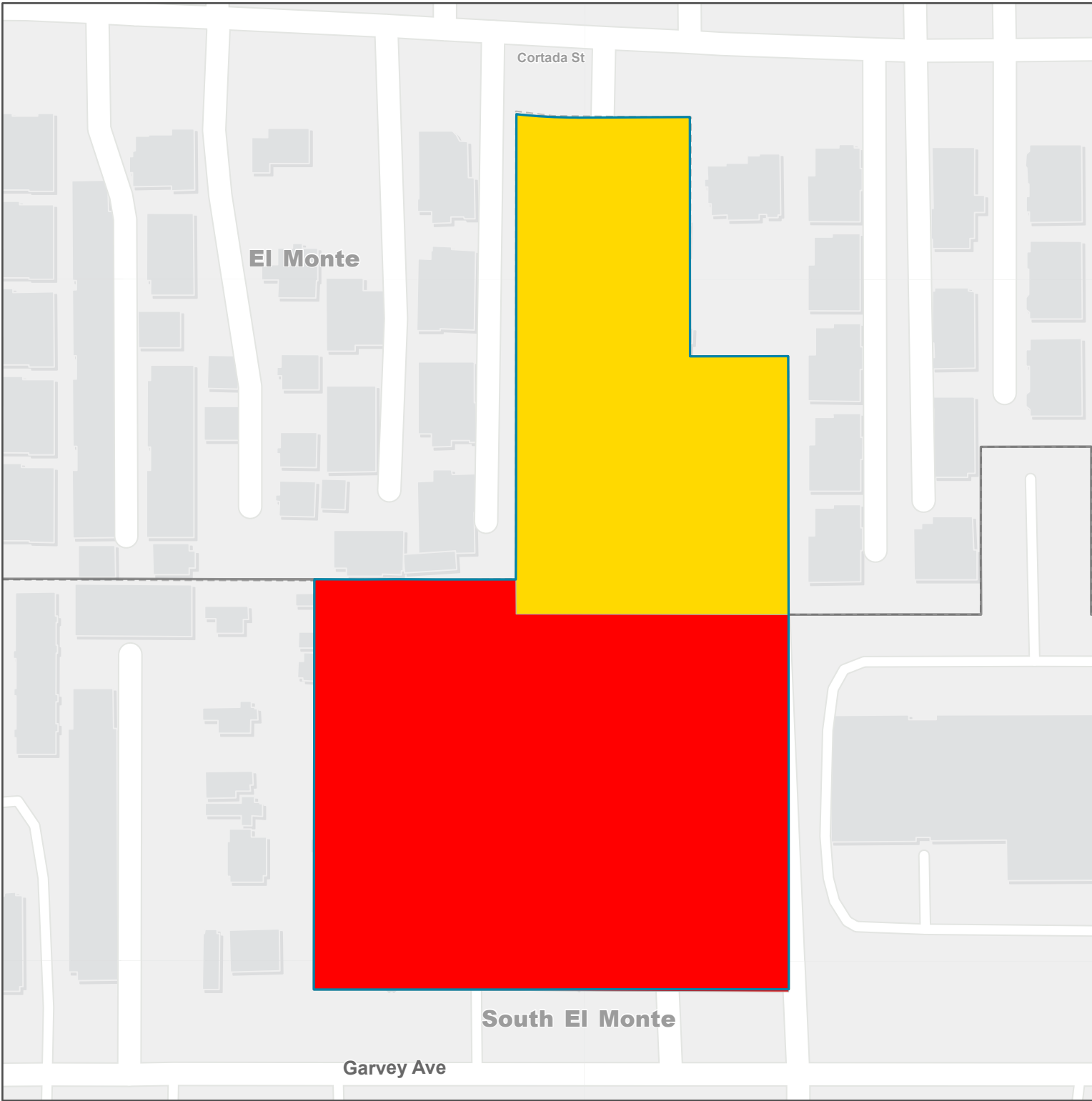
Zoning Category

 R-3 - Limited Density Multiple Residence

 C-3 - General Commercial

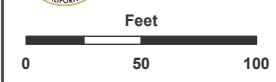
Administrative Boundaries

 Community Boundary



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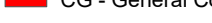

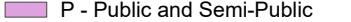



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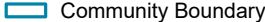
**West San Gabriel Valley Area Plan
Proposed Land Use Policy**

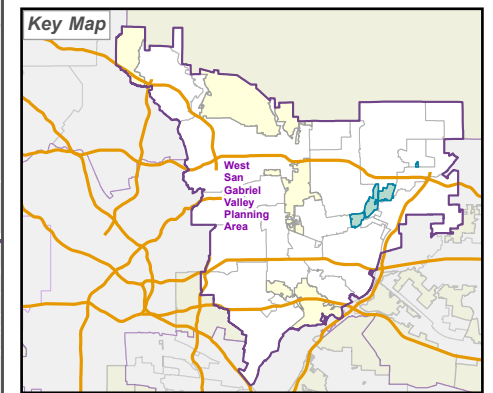
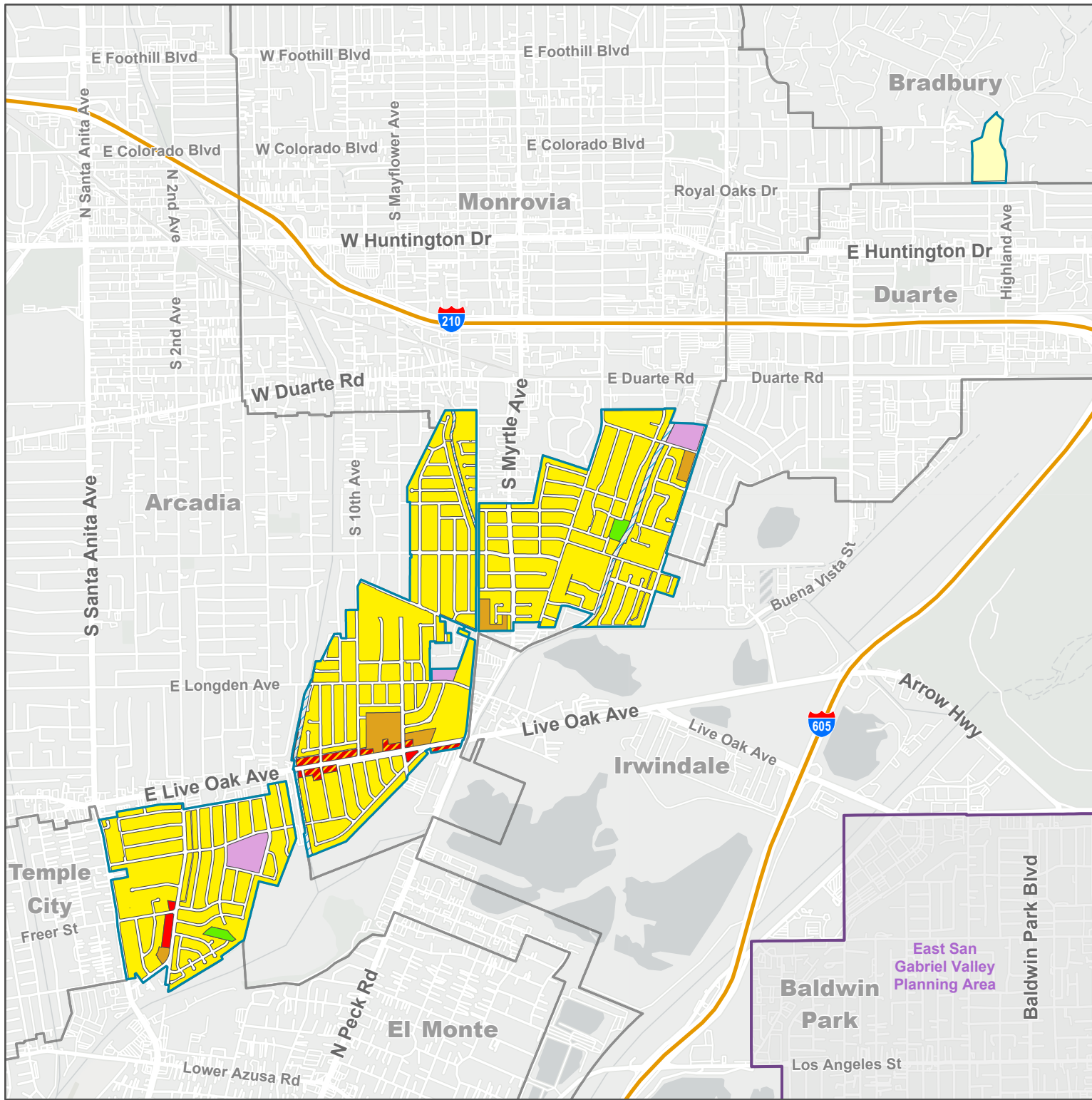
South Monrovia Islands

Land Use Policy - Proposed

-  H2 - Residential 2
-  H9 - Residential 9
-  H30 - Residential 30
-  CG - General Commercial
-  MU - Mixed Use
-  P - Public and Semi-Public
-  OS-PR - Parks and Recreation
-  W - Water

Administrative Boundaries

-  Community Boundary



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West San Gabriel Valley Area Plan Proposed Zoning

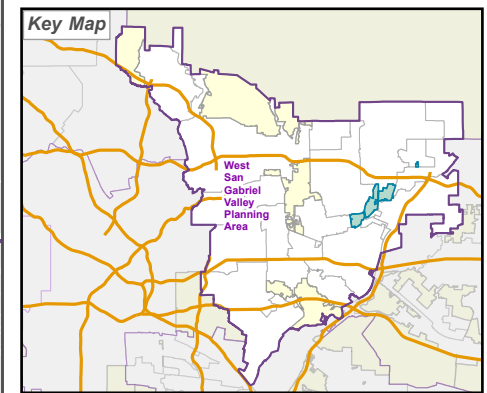
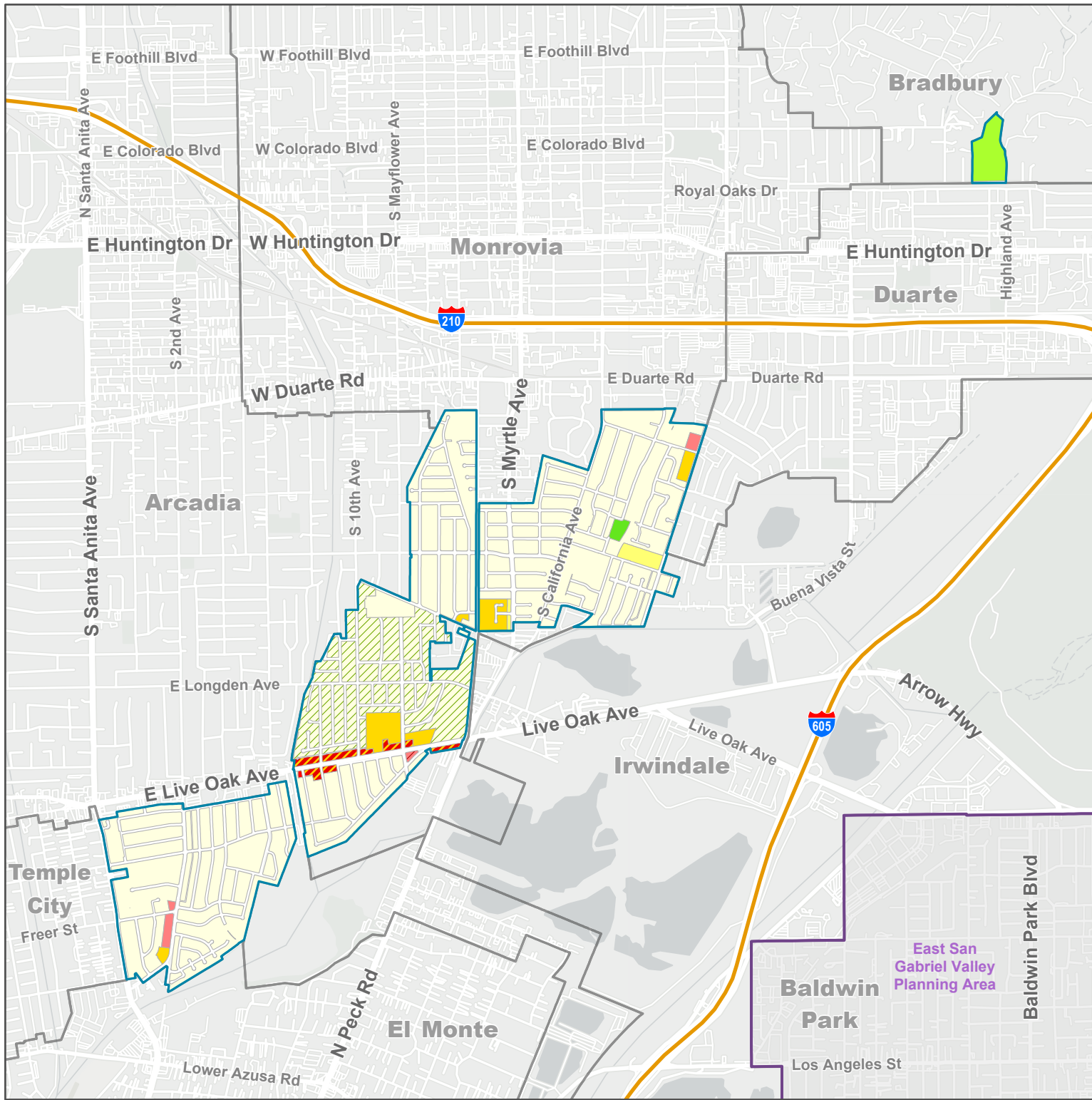
South Monrovia Islands

Zoning Category

- A-1 - Light Agriculture
- R-A - Residential Agricultural
- R-1 - Single-Family Residence
- R-2 - Two-Family Residence
- R-3 - Limited Density Multiple Residence
- MXD - Mixed Use Development
- C-1 - Restricted Business
- C-2 - Neighborhood Business
- C-3 - General Commercial
- O-S - Open Space

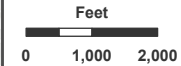
Administrative Boundaries

- Community Boundary



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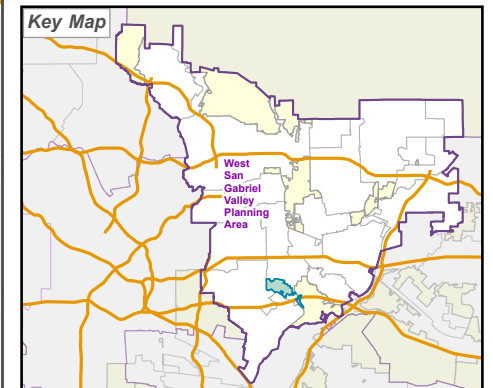
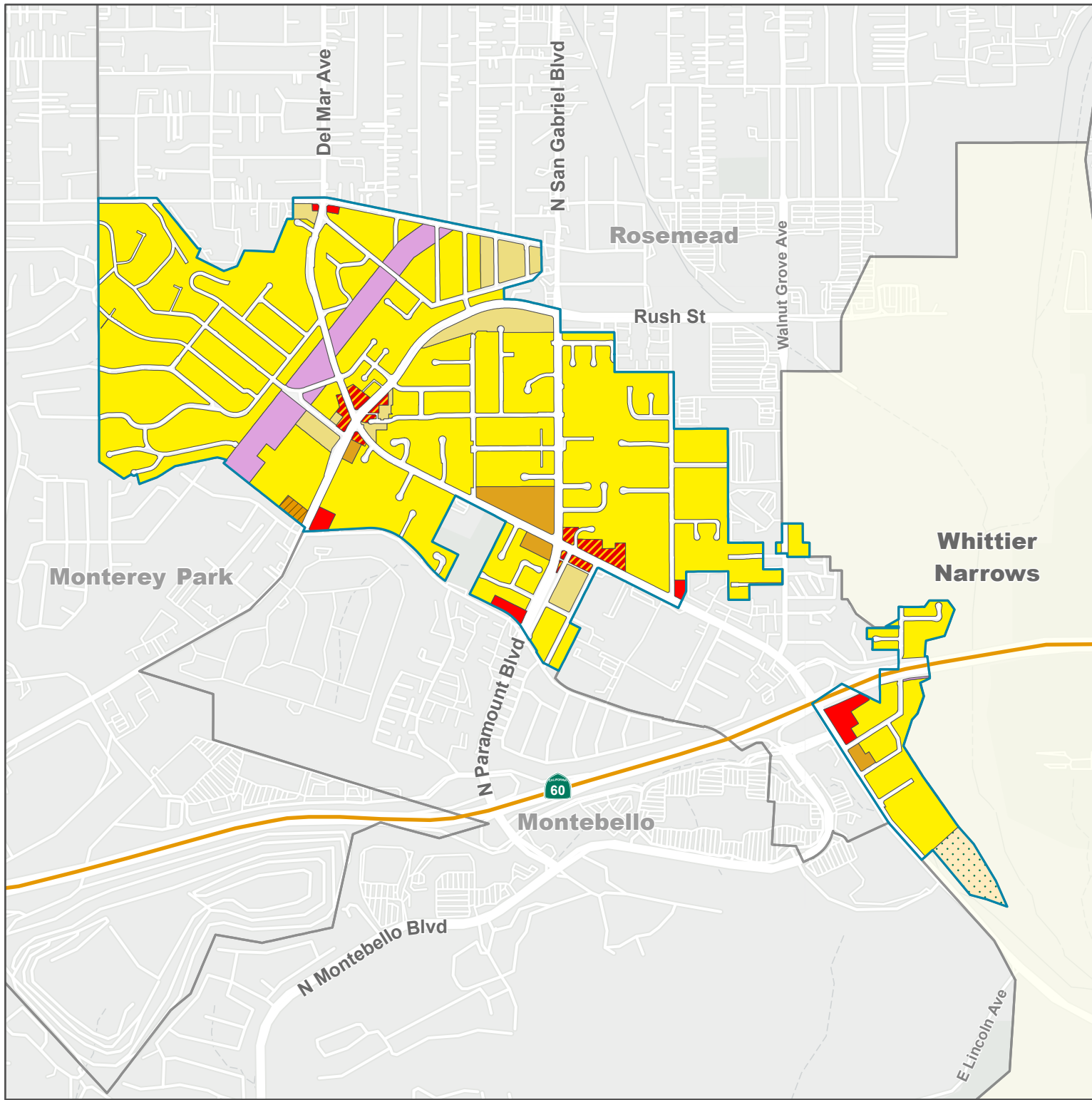
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Land Use Policy - Proposed

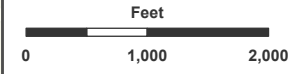
- H9 - Residential 9
- H18 - Residential 18
- H30 - Residential 30
- H50 - Residential 50
- CG - General Commercial
- MU - Mixed Use
- P - Public and Semi-Public
- OS-PR - Parks and Recreation
- MR - Mineral Resources

Administrative Boundaries

- Community Boundary












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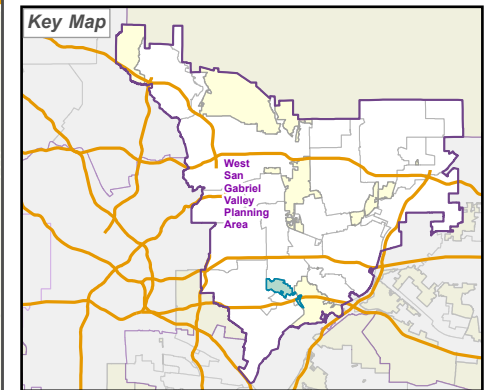
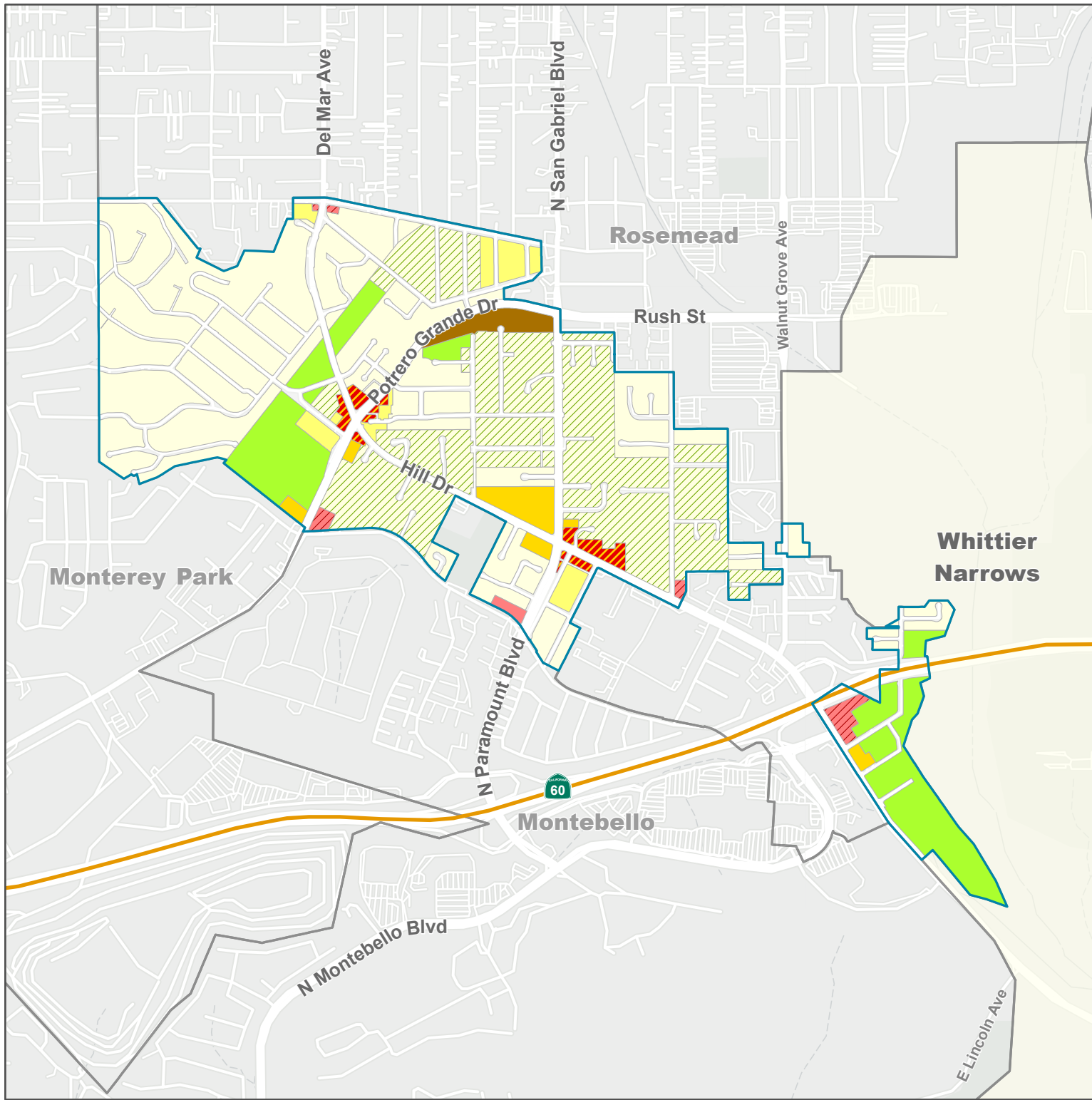
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Zoning Category

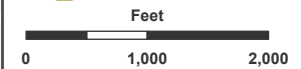
-  A-1 - Light Agriculture
-  R-A - Residential Agricultural
-  R-1 - Single-Family Residence
-  R-2 - Two-Family Residence
-  R-3 - Limited Density Multiple Residence
-  RPD - Residential Planned Development
-  MXD - Mixed Use Development
-  C-1 - Restricted Business
-  C-2 - Neighborhood Business
-  O-S - Open Space

Administrative Boundaries

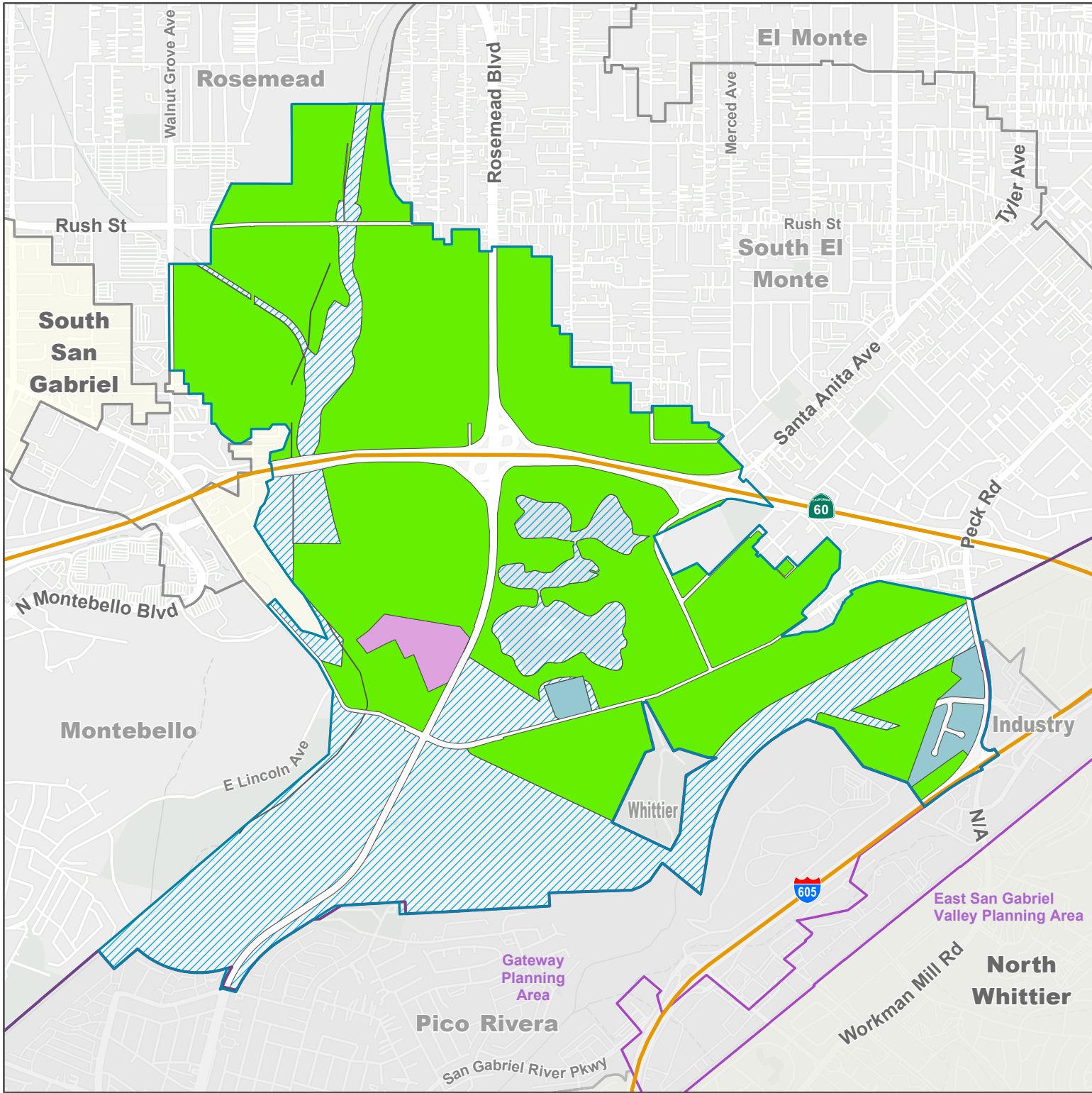
-  Community Boundary



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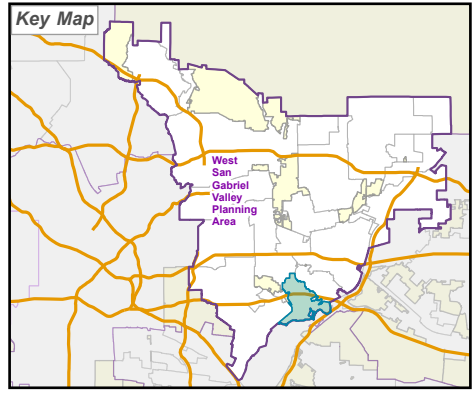



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Los Angeles County
West San Gabriel Valley Area Plan
Proposed Land Use Policy
Whittier Narrows

- Land Use Policy - Proposed**
- IL - Light Industrial
 - P - Public and Semi-Public
 - OS-PR - Parks and Recreation
 - W - Water
- Administrative Boundaries**
- Community Boundary
 - Surrounding Planning Area







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Feet



0 1,000 2,000



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Los Angeles County

**West San Gabriel Valley Area Plan
Proposed Zoning**

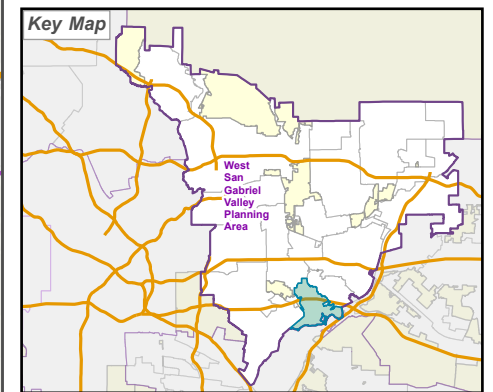
Whittier Narrows

Zoning Category

- A-1 - Light Agriculture
- O-S - Open Space
- M-1 - Light Manufacturing
- M-2 - Heavy Manufacturing
- B-1 - Buffer Strip

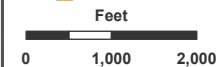
Administrative Boundaries

- Community Boundary
- Surrounding Planning Area



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Appendix D

Air Quality, Greenhouse Gas, and Energy Modeling Data

**D1. Air Quality, Greenhouse
Gas, and Energy
Modeling Data**

WSGVAP
 Air Quality Assessment
 Operational Mobile Emissions

		Criteria Pollutant Emission Factors (lbs/mile)										Criteria Pollutant Emissions (lbs/day)											
		Year	Weekday Daily VMT	PM10 Road						PM2.5 Road				PM10 Road									
				VOC	NOx	CO	SOx	Dust	PM10	PM10 Total	Dust	PM2.5	PM2.5 Total	VOC	NOx	CO	SOx	Dust	PM10	PM10 Total	PM2.5 Road Dust	PM2.5	PM2.5 Total
No Project	Auto	2045	369,888,554	1.823E-04	9.123E-05	1.629E-03	5.372E-06	6.61E-04	3.812E-05	6.99E-04	1.62E-04	1.238E-05	1.75E-04	67,417.36	33,745.85	602,527.37	1,987.11	244,517.20	14,101.10	258,618.31	60,017.86	4,578.73	64,596.59
No Project	Light-heavy Truck	2045	6,761,809	1.562E-04	2.624E-04	1.336E-03	6.037E-06	6.61E-04	1.672E-04	8.28E-04	1.62E-04	6.180E-05	2.24E-04	1,056.44	1,774.53	9,036.05	40.82	4,469.94	1,130.76	5,600.69	1,097.17	417.88	1,515.05
No Project	Medium-heavy Truck	2045	5,255,030	4.494E-05	8.016E-04	5.276E-04	1.140E-05	6.61E-04	1.028E-04	7.64E-04	1.62E-04	3.590E-05	1.98E-04	236.17	4,212.65	2,772.72	59.89	3,473.87	540.06	4,013.93	852.68	188.67	1,041.34
No Project	Heavy-heavy Truck	2045	25,165,999	9.728E-05	3.211E-03	1.664E-03	2.145E-05	6.61E-04	2.872E-04	9.48E-04	1.62E-04	1.175E-04	2.80E-04	2,448.16	80,800.43	41,879.02	539.81	16,636.15	7,226.73	23,862.88	4,083.42	2,956.41	7,039.82
Totals		Totals											71,158	120,533	656,215	2,628			292,096			74,193	
Project	Auto	2045	370,216,134	1.823E-04	9.123E-05	1.629E-03	5.372E-06	6.61E-04	3.812E-05	6.992E-04	1.62E-04	1.238E-05	1.746E-04	67,477.07	33,775.74	603,060.98	1,988.87	244,733.75	14,113.59	258,847.34	60,071.01	4,582.79	64,653.80
Project	Light-heavy Truck	2045	6,773,824	1.562E-04	2.624E-04	1.336E-03	6.037E-06	6.61E-04	1.672E-04	8.283E-04	1.62E-04	6.180E-05	2.241E-04	1,058.32	1,777.68	9,052.11	40.89	4,477.88	1,132.77	5,610.65	1,099.12	418.62	1,517.74
Project	Medium-heavy Truck	2045	5,265,126	4.494E-05	8.016E-04	5.276E-04	1.140E-05	6.61E-04	1.028E-04	7.638E-04	1.62E-04	3.590E-05	1.982E-04	236.62	4,220.74	2,778.05	60.00	3,480.55	541.10	4,021.64	854.32	189.03	1,043.35
Project	Heavy-heavy Truck	2045	25,200,118	9.728E-05	3.211E-03	1.664E-03	2.145E-05	6.61E-04	2.872E-04	9.482E-04	1.62E-04	1.175E-04	2.797E-04	2,451.48	80,909.97	41,935.80	540.55	16,658.70	7,236.53	23,895.23	4,088.95	2,960.41	7,049.37
Totals		Totals											71,223	120,684	656,827	2,630			292,375			74,264	

Source: EMFAC2021; Fehr & Peers, 2024 (VMT data); Based on travel within SCAB

WSGVAP

Road Dust Emission Factors

Paved Road Dust Emission Factors (Assumes No Precipitation)

Formula: $EF_{Dust,P} = (k (sL)^{0.91} \times (W)^{1.02})$

Where:

- $EF_{Dust,P}$ = Paved Road Dust Emission Factor (having the same units as k)
- k = particle size multiplier
- sL = road surface silt loading (g/m²)
- W = average fleet vehicle weight (tons) (CARB uses 2.4 tons as a fleet average vehicle weight factor)

	Emission Factor (grams per VMT)	
	PM10	PM2.5
k	0.9979	0.2449
sL	0.1	0.1
W	2.4	2.4
$EF_{Dust,P}$	3.00E-01	7.36E-02

Unpaved Road Dust Emission Factors (Assumes No Precipitation)

Formula: $EF_{Dust,U} = (k (s / 12)^1 \times (Sp / 30)^{0.5} / (M / 0.5)^{0.2}) - C$

- Where:
- $EF_{Dust,U}$ = Unpaved Road Dust Emission Factor (having the same units as k)
 - k = particle size multiplier
 - s = surface material silt content (%)
 - Sp = mean vehicle speed (mph)
 - M = surface material moisture content (%)
 - C = Emission Factor for 1980s vehicle fleet exhaust, brake wear, and tire wear

	Emission Factor (grams per VMT)	
	PM10	PM2.5
k	816.47	81.65
s	4.3%	4.3%
Sp	15	15
M	0.5%	0.5%
C	0.00047	0.00036
$EF_{Dust,U}$	5.20E+00	5.19E-01

Sources:

CalEEMod, Version 2022.1.

CARB, *Entrained Dust from Paved Road Travel: Emission Estimation Methodology Background Document* , (1997).

USEPA, *AP-42* , Fifth Edition, Volume I, Chapter 13.2.1 - Paved Roads, (2011).

ESA, 2023

**WSGVAP
GHG Assessment
Operational Mobile Emissions**

	Year	Weekday Daily VMT	Annual VMT	GHG Emissions (metric tons/mile)				GHG Emissions (metric tons/year)			
				CO2	CH4	N2O	CO2e	CO2	CH4	N2O	CO2e
No Project	2045	460,612,654	168,123,618,574	2.465E-04	5.860E-09	6.295E-09	2.486E-04	41,448,358.82	985.23	1,058.32	41,788,369.15
No Project	2045	9,274,295	3,385,117,679	2.825E-04	3.798E-09	2.613E-08	2.904E-04	956,382.45	12.86	88.44	983,059.05
No Project	2045	7,183,653	2,622,033,230	5.500E-04	9.352E-09	7.533E-08	5.727E-04	1,442,191.24	24.52	197.51	1,501,662.99
No Project	2045	40,939,042	14,942,750,298	1.069E-03	4.578E-08	1.690E-07	1.121E-03	15,974,749.28	684.01	2,525.28	16,744,382.58
	Totals										61,017,474
Project	2045	461,065,608	168,288,946,923	2.465E-04	5.860E-09	6.295E-09	2.486E-04	41,489,118.04	986.20	1,059.36	41,829,462.73
Project	2045	9,290,158	3,390,907,533	2.825E-04	3.798E-09	2.613E-08	2.904E-04	958,018.23	12.88	88.59	984,740.46
Project	2045	7,193,984	2,625,804,234	5.500E-04	9.352E-09	7.533E-08	5.727E-04	1,444,265.40	24.56	197.80	1,503,822.68
Project	2045	40,968,094	14,953,354,404	1.069E-03	4.578E-08	1.690E-07	1.121E-03	15,986,085.74	684.49	2,527.07	16,756,265.21
	Totals										61,074,291

Source: EMFAC2021; Fehr & Peers, 2024 (VMT data); Based on travel within SCAG Region

D2. Operational Mobile Source Energy Calculations

WSGVAP

Operational Energy Analysis - Project

Fuel Usage from VMT

Auto Daily VMT: 210,144,242 miles/day
 Light Duty Truck Daily VMT: 4,031,527 miles/day
 Medium Duty Truck Daily VMT: 3,043,167 miles/day
 Heavy Duty Truck Daily VMT: 15,262,079 miles/day

Auto Annual VMT³: 76,702,648,289 miles/year
 Light Duty Truck Annual VMT³: 1,471,507,461 miles/year
 Medium Duty Truck Annual VMT³: 1,110,756,133 miles/year
 Heavy Duty Truck Annual VMT³: 5,570,658,664 miles/year

Fuel Type: ¹	Gasoline	Diesel	Electricity	Natural Gas	Plug-in Hybrid	
Auto Percent:	88.8%	0.3%	7.5%	0.0%	3.3%	100.0%
Light Duty Truck Percent:	28.5%	27.0%	44.4%	0.0%	0.0%	100.0%
Medium Duty Truck Percent:	5.7%	45.2%	48.3%	0.8%	0.0%	100.0%
Heavy Duty Truck Percent:	1.1%	75.1%	20.3%	3.6%	0.0%	100.0%
Auto Miles per Gallon Fuel:	31.69	28.16	-	0.00	68.05	
Light Duty Truck Miles per Gallon:	16.5	20.6	-	-	-	
Medium Duty Truck Miles per Gallon:	5.98	9.96	-	8.52	-	
Heavy Duty Truck Miles per Gallon:	9.19	7.50	-	6.68	-	
Auto Annual VMT by Fuel Type (miles):	68,150,130,931	243,611,778	5,772,544,799	-	2,536,360,781	
Light Duty Truck Annual VMT by Fuel Type (miles):	420,017,745	397,409,429	654,080,287	-	-	
Medium Duty Truck Annual VMT by Fuel Type (miles):	62,834,410	502,320,593	536,312,087	9,289,043	-	
Heavy Duty Truck Annual VMT by Fuel Type (miles):	59,542,296	4,182,651,339	1,129,222,295	199,242,733	-	
Auto Annual Fuel Usage (gallons):	2,150,550,503	8,650,194	-	-	37,273,124	
Light Duty Truck Annual Fuel Usage (gallons):	25,525,197	19,314,007	-	-	-	
Medium Duty Truck Annual Fuel Usage (gallons):	10,499,951	50,421,508	-	1,090,653	-	
Heavy Duty Truck Annual Fuel Usage (gallons):	6,480,332	557,879,174	-	29,827,568	-	
Medium Duty Truck Annual Natural Gas Use (kbtu):				139,488,953		
Heavy Duty Truck Annual Natural Gas Use (kbtu):				3,814,795,357		

	Fuel Consumption (gallons/year)	
	Gasoline	Diesel
Project Annual Total	2,230,329,105	636,264,883

Notes:

- California Air Resources Board, EMFAC2021 (South Coast Air Basin; Annual; 2045', Aggregate Fleet).
- Assumes electric vehicles would replace traditional gasoline-fueled vehicles.
- Fehr & Peers, 2024. Based on travel within LA County

WSGVAP

Operational Energy Analysis - No Project

Fuel Usage from VMT

Auto Daily VMT: 209,901,503 miles/day
 Light Duty Truck Daily VMT: 4,020,191 miles/day
 Medium Duty Truck Daily VMT: 3,034,242 miles/day
 Heavy Duty Truck Daily VMT: 15,240,186 miles/day

Auto Annual VMT³: 76,614,048,666 miles/year
 Light Duty Truck Annual VMT³: 1,467,369,684 miles/year
 Medium Duty Truck Annual VMT³: 1,107,498,219 miles/year
 Heavy Duty Truck Annual VMT³: 5,562,667,959 miles/year

Fuel Type: ¹	Gasoline	Diesel	Electricity	Natural Gas	Plug-in Hybrid	
Auto Percent:	88.8%	0.3%	7.5%	0.0%	3.3%	100.0%
Light Duty Truck Percent:	28.5%	27.0%	44.4%	0.0%	0.0%	100.0%
Medium Duty Truck Percent:	5.7%	45.2%	48.3%	0.8%	0.0%	100.0%
Heavy Duty Truck Percent:	1.1%	75.1%	20.3%	3.6%	0.0%	100.0%
Auto Miles per Gallon Fuel:	31.69	28.16	-	0.00	68.05	
Light Duty Truck Miles per Gallon:	16.5	20.6	-	-	-	
Medium Duty Truck Miles per Gallon:	5.98	9.96	-	8.52	-	
Heavy Duty Truck Miles per Gallon:	9.19	7.50	-	6.68	-	
Auto Annual VMT by Fuel Type (miles):	68,071,410,365	243,330,381	5,765,876,903	-	2,533,431,017	
Light Duty Truck Annual VMT by Fuel Type (miles):	418,836,684	396,291,942	652,241,059	-	-	
Medium Duty Truck Annual VMT by Fuel Type (miles):	62,650,113	500,847,257	534,739,052	9,261,798	-	
Heavy Duty Truck Annual VMT by Fuel Type (miles):	59,456,887	4,176,651,630	1,127,602,508	198,956,934	-	
Auto Annual Fuel Usage (gallons):	2,148,066,391	8,640,202	-	-	37,230,069	
Light Duty Truck Annual Fuel Usage (gallons):	25,453,422	19,259,697	-	-	-	
Medium Duty Truck Annual Fuel Usage (gallons):	10,469,154	50,273,619	-	1,087,454	-	
Heavy Duty Truck Annual Fuel Usage (gallons):	6,471,036	557,078,937	-	29,784,783	-	
Medium Duty Truck Annual Natural Gas Use (kbtu):				139,079,824		
Heavy Duty Truck Annual Natural Gas Use (kbtu):				3,809,323,310		

	Fuel Consumption (gallons/year)	
	Gasoline	Diesel
No Project Annual Total:	2,227,690,071	635,252,455

Notes:

- California Air Resources Board, EMFAC2021 (South Coast Air Basin; Annual; 2045', Aggregate Fleet).
- Assumes electric vehicles would replace traditional gasoline-fueled vehicles.
- Fehr & Peers, 2024. Based on travel within LA County

Appendix E
**California Natural Diversity
Database (CNDDDB) Search
Results**

ID	Shape *	SNAME	CNAME	ELMCODE	OCC#	MAPNDX	EONDX	KQUADNAME	CO	ELEV	TAXON	ACCURACY	PRESENCE	OCCTYPE	SENSITIVE	SITDATE
1	Polygon	Riparia riparia	bank swallow	ABPAU08010	110	84245	85267	Whittier	LAX	0	Birds	5 miles	Extirpated	Natural/Native occurrence	N	18940704
2	Polygon	Riparia riparia	bank swallow	ABPAU08010	105	84246	85270	Los Angeles	LAX	0	Birds	5 miles	Extirpated	Natural/Native occurrence	N	18940704
3	Polygon	Taxidea taxus	American badger	AMAJF04010	291	51258	57504	Los Angeles	LAX	280	Mammals	5 miles	Presumed Extant	Natural/Native occurrence	N	XXXXXXX
4	Polygon	Empidonax traillii extimus	southwestern willow flycatcher	ABPAE33043	43	51258	59153	Los Angeles	LAX	280	Birds	5 miles	Presumed Extant	Natural/Native occurrence	N	18940520
5	Polygon	Athene cunicularia	burrowing owl	ABNSB10010	571	51258	51258	Los Angeles	LAX	280	Birds	5 miles	Presumed Extant	Natural/Native occurrence	N	19210505
6	Polygon	Empidonax traillii extimus	southwestern willow flycatcher	ABPAE33043	44	39017	59154	Pasadena	LAX	0	Birds	5 miles	Presumed Extant	Natural/Native occurrence	N	19060914
7	Polygon	Ribes divaricatum var. parishii	Parish's gooseberry	PDGRO020F3	6	39017	34024	Pasadena	LAX	1000	Dicots	5 miles	Possibly Extirpated	Natural/Native occurrence	N	189304XX
8	Polygon	Falco peregrinus anatum	American peregrine falcon	ABNKD06071	14	63257	63349	Pasadena	LAX	850	Birds	80 meters	Presumed Extant	Natural/Native occurrence	Y	20050513
9	Polygon	Southern Sycamore Alder Riparian Woodland	Southern Sycamore Alder Riparian Woodland	CTT62400CA	70	2135	15485	Pasadena	LAX	2120	Riparian	specific area	Presumed Extant	Natural/Native occurrence	N	19780919
10	Polygon	Horkelia cuneata var. puberula	mesa horkelia	PDROS0W045	33	54969	54969	Pasadena	LAX	0	Dicots	1 mile	Presumed Extant	Natural/Native occurrence	N	19150705
11	Polygon	Polioptila californica californica	coastal California gnatcatcher	ABPBJ08081	1008	B3975	119241	Mt. Wilson	LAX	803	Birds	1 mile	Possibly Extirpated	Natural/Native occurrence	N	19031115
12	Polygon	Spea hammondii	western spadefoot	AAABF02020	1058	B3975	116891	Mt. Wilson	LAX	803	Amphibians	1 mile	Possibly Extirpated	Natural/Native occurrence	N	19130520
13	Polygon	Polioptila californica californica	coastal California gnatcatcher	ABPBJ08081	1006	91992	119239	Pasadena	LAX	860	Birds	1 mile	Possibly Extirpated	Natural/Native occurrence	N	19060914
14	Polygon	Vireo bellii pusillus	least Bell's vireo	ABPBW01114	346	91992	87859	Pasadena	LAX	860	Birds	1 mile	Possibly Extirpated	Natural/Native occurrence	N	19110508
15	Polygon	Calystegia felix	lucky morning-glory	PDCON040P0	7	84920	94538	Whittier	LAX	0	Dicots	1 mile	Presumed Extant	Natural/Native occurrence	N	19020501
16	Polygon	Imperata brevifolia	California satintail	PMPOA3D020	11	69061	69832	Azusa	LAX	0	Monocots	1 mile	Presumed Extant	Natural/Native occurrence	N	19640318
17	Polygon	Antrozous pallidus	pallid bat	AMACC10010	187	66533	66650	El Monte	LAX	260	Mammals	1 mile	Presumed Extant	Natural/Native occurrence	N	19310502
18	Polygon	Eumops perotis californicus	western mastiff bat	AMACD02011	166	66425	66523	Pasadena	LAX	0	Mammals	1 mile	Presumed Extant	Natural/Native occurrence	N	19581210

19	Polygon	<i>Antrozous pallidus</i>	pallid bat	AMACC10010	194	54970	66657	Pasadena	LAX	0	Mammals	1 mile	Presumed Extant	Natural/Native occurrence	N	19101101
20	Polygon	<i>Bombus crotchii</i>	Crotch's bumble bee	IIHYM24480	152	54970	98954	Pasadena	LAX	900	Insects	1 mile	Presumed Extant	Natural/Native occurrence	N	193305XX
21	Polygon	<i>Centromadia pungens</i> ssp. <i>laevis</i>	smooth tarplant	PDAST4R0R4	131	54970	101516	Pasadena	LAX	0	Dicots	1 mile	Extirpated	Natural/Native occurrence	N	19010717
22	Polygon	<i>Pseudognaphalium leucocephalum</i>	white rabbit-tobacco	PDAST440C0	13	54970	70823	Pasadena	LAX	0	Dicots	1 mile	Presumed Extant	Natural/Native occurrence	N	19080815
23	Polygon	<i>Anniella stebbinsi</i>	Southern California legless lizard	ARACC01060	81	54970	110999	Pasadena	LAX	860	Reptiles	1 mile	Presumed Extant	Natural/Native occurrence	N	194109XX
24	Polygon	<i>Lasiurus cinereus</i>	hoary bat	AMACC05032	55	54970	68814	Pasadena	LAX	0	Mammals	1 mile	Presumed Extant	Natural/Native occurrence	N	19450710
25	Polygon	<i>Horkelia cuneata</i> var. <i>puberula</i>	mesa horkelia	PDROS0W045	34	54970	54970	Pasadena	LAX	0	Dicots	1 mile	Extirpated	Natural/Native occurrence	N	190304XX
26	Polygon	<i>Eumops perotis californicus</i>	western mastiff bat	AMACD02011	67	54970	66396	Pasadena	LAX	840	Mammals	1 mile	Presumed Extant	Natural/Native occurrence	N	19410803
27	Polygon	<i>Lasthenia glabrata</i> ssp. <i>coulteri</i>	Coulter's goldfields	PDAST5L0A1	86	54970	81898	Pasadena	LAX	0	Dicots	1 mile	Possibly Extirpated	Natural/Native occurrence	N	18820502
28	Polygon	<i>Athene cucularia</i>	burrowing owl	ABNSB10010	1831	54970	82954	Pasadena	LAX	0	Birds	1 mile	Presumed Extant	Natural/Native occurrence	N	18950417
29	Polygon	<i>Bombus pensylvanicus</i>	American bumble bee	IIHYM24260	157	54970	124350	Pasadena	LAX	880	Insects	1 mile	Presumed Extant	Natural/Native occurrence	N	19171027
30	Polygon	<i>Calochortus plummerae</i>	Plummer's mariposa-lily	PMLIL0D150	31	27707	683	Mt. Wilson	LAX	2200	Monocots	1 mile	Presumed Extant	Natural/Native occurrence	N	19180612
31	Polygon	<i>Lasionycteris noctivagans</i>	silver-haired bat	AMACC02010	49	68565	68929	Pasadena	LAX	0	Mammals	1 mile	Presumed Extant	Natural/Native occurrence	N	19780223
32	Polygon	<i>Vireo bellii pusillus</i>	least Bell's vireo	ABPBW01114	556	91981	93055	Los Angeles	LAX	500	Birds	1 mile	Possibly Extirpated	Natural/Native occurrence	N	18980615
33	Polygon	<i>Lasiurus cinereus</i>	hoary bat	AMACC05032	59	54944	68818	El Monte	LAX	0	Mammals	1 mile	Presumed Extant	Natural/Native occurrence	N	19221128
34	Polygon	<i>Horkelia cuneata</i> var. <i>puberula</i>	mesa horkelia	PDROS0W045	22	54944	54944	El Monte	LAX	400	Dicots	1 mile	Extirpated	Natural/Native occurrence	N	19110403
35	Polygon	<i>Buteo swainsoni</i>	Swainson's hawk	ABNKC19070	2540	54944	91454	El Monte	LAX	375	Birds	1 mile	Possibly Extirpated	Natural/Native occurrence	N	18800410
36	Polygon	<i>Bombus pensylvanicus</i>	American bumble bee	IIHYM24260	221	54944	125558	El Monte	LAX	400	Insects	1 mile	Presumed Extant	Natural/Native occurrence	N	19710917

37	Polygon	Dodecahema leptoceras	slender-horned spineflower	PDPGN0V010	47	54944	121087	El Monte	LAX	400	Dicots	1 mile	Possibly Extirpated	Natural/Native occurrence	N	XXXXXXX
38	Polygon	Eumops perotis californicus	western mastiff bat	AMACD02011	56	66298	66383	Los Angeles	LAX	490	Mammals	1 mile	Presumed Extant	Natural/Native occurrence	N	19180723
39	Polygon	Arizona elegans occidentalis	California glossy snake	ARADB01017	2	66298	104842	Los Angeles	LAX	490	Reptiles	1 mile	Presumed Extant	Natural/Native occurrence	N	18890412
40	Polygon	Horkelia cuneata var. puberula	mesa horkelia	PDROS0W045	27	54951	54951	Mt. Wilson	LAX	775	Dicots	1 mile	Extirpated	Natural/Native occurrence	N	19180429
41	Polygon	Lasiurus cinereus	hoary bat	AMACC05032	61	54951	68820	Mt. Wilson	LAX	0	Mammals	1 mile	Presumed Extant	Natural/Native occurrence	N	19280413
42	Polygon	Antrozous pallidus	pallid bat	AMACC10010	196	54951	66659	Mt. Wilson	LAX	900	Mammals	1 mile	Presumed Extant	Natural/Native occurrence	N	19270224
43	Polygon	Eumops perotis californicus	western mastiff bat	AMACD02011	70	54951	66399	Mt. Wilson	LAX	0	Mammals	1 mile	Presumed Extant	Natural/Native occurrence	N	19131012
44	Polygon	Spea hammondii	western spadefoot	AAABF02020	1057	54951	116889	Mt. Wilson	LAX	775	Amphibians	1 mile	Possibly Extirpated	Natural/Native occurrence	N	191405XX
45	Polygon	Bombus crotchii	Crotch's bumble bee	IIHYM24480	149	91994	98951	Pasadena	LAX	1000	Insects	1 mile	Presumed Extant	Natural/Native occurrence	N	19380630
46	Polygon	Vireo bellii pusillus	least Bell's vireo	ABPBW01114	562	91994	93067	Pasadena	LAX	630	Birds	1 mile	Possibly Extirpated	Natural/Native occurrence	N	19110528
47	Polygon	Cladium californicum	California saw-grass	PMCYP04010	5	66531	70441	Mt. Wilson	LAX	1000	Monocots	1 mile	Extirpated	Natural/Native occurrence	N	18610103
48	Polygon	Antrozous pallidus	pallid bat	AMACC10010	193	66531	66656	Mt. Wilson	LAX	780	Mammals	1 mile	Presumed Extant	Natural/Native occurrence	N	19300705
49	Polygon	Horkelia cuneata var. puberula	mesa horkelia	PDROS0W045	28	41056	54952	Pasadena	LAX	0	Dicots	1 mile	Extirpated	Natural/Native occurrence	N	19480610
50	Polygon	Bombus crotchii	Crotch's bumble bee	IIHYM24480	145	41056	98945	Pasadena	LAX	1500	Insects	1 mile	Presumed Extant	Natural/Native occurrence	N	19340505
51	Polygon	Dodecahema leptoceras	slender-horned spineflower	PDPGN0V010	36	41056	41056	Pasadena	LAX	1800	Dicots	1 mile	Possibly Extirpated	Natural/Native occurrence	N	20030731
52	Polygon	Pseudognaphalium leucocephalum	white rabbit-tobacco	PDAST440C0	48	41056	102718	Pasadena	LAX	0	Dicots	1 mile	Presumed Extant	Natural/Native occurrence	N	191709XX

53	Polygon	Glyptostoma gabrielense	San Gabriel chestnut	IMGASB1010	22	B5933	118948	Los Angeles	LAX	582	Mollusks	1 mile	Possibly Extirpated	Natural/Native occurrence	N	194XXXXX
54	Polygon	Anniella stebbinsi	Southern California legless lizard	ARACC01060	65	A9127	110960	El Monte	LAX	473	Reptiles	1 mile	Presumed Extant	Natural/Native occurrence	N	19490601
55	Polygon	Bombus pensylvanicus	American bumble bee	IIHYM24260	286	B9604	125833	South Gate	LAX	149	Insects	1 mile	Presumed Extant	Natural/Native occurrence	N	2006XXXX
56	Polygon	Polioptila californica californica	coastal California gnatcatcher	ABPBJ08081	1007	B6195	119240	Mt. Wilson	LAX	1613	Birds	1 mile	Possibly Extirpated	Natural/Native occurrence	N	19031010
57	Polygon	Spea hammondii	western spadefoot	AAABF02020	1056	B3973	116888	Azusa	LAX	513	Amphibians	1 mile	Possibly Extirpated	Natural/Native occurrence	N	19310426
58	Polygon	Spea hammondii	western spadefoot	AAABF02020	1051	B3957	116872	El Monte	LAX	207	Amphibians	1 mile	Possibly Extirpated	Natural/Native occurrence	N	19630930
59	Polygon	Phrynosoma blainvillii	coast horned lizard	ARACF12100	201	2110	28029	Condor Peak	LAX	3000	Reptiles	1 mile	Presumed Extant	Natural/Native occurrence	N	19720429
60	Polygon	Symphyotrichum greatae	Greata's aster	PDASTE80U0	12	27701	58480	Los Angeles	LAX	0	Dicots	1 mile	Possibly Extirpated	Natural/Native occurrence	N	190207XX
61	Polygon	Horkelia cuneata var. puberula	mesa horkelia	PDROS0W045	23	27701	54945	Los Angeles	LAX	600	Dicots	1 mile	Extirpated	Natural/Native occurrence	N	190205XX
62	Polygon	Phrynosoma blainvillii	coast horned lizard	ARACF12100	128	15985	28076	Pasadena	LAX	2000	Reptiles	1 mile	Presumed Extant	Natural/Native occurrence	N	1911XXXX
63	Polygon	Bombus crotchii	Crotch's bumble bee	IIHYM24480	234	15985	102754	Pasadena	LAX	2000	Insects	1 mile	Presumed Extant	Natural/Native occurrence	N	19740407
64	Polygon	Phrynosoma blainvillii	coast horned lizard	ARACF12100	236	2164	27995	Los Angeles	LAX	500	Reptiles	1 mile	Possibly Extirpated	Natural/Native occurrence	N	197408XX
65	Polygon	Bombus pensylvanicus	American bumble bee	IIHYM24260	162	2233	125373	Mt. Wilson	LAX	1200	Insects	1 mile	Presumed Extant	Natural/Native occurrence	N	19761027
66	Polygon	Bombus crotchii	Crotch's bumble bee	IIHYM24480	151	2233	98953	Mt. Wilson	LAX	1500	Insects	1 mile	Presumed Extant	Natural/Native occurrence	N	197004XX
67	Polygon	Lepidium virginicum var. robinsonii	Robinson's pepper-grass	PDBRA1M114	155	2233	86321	Mt. Wilson	LAX	0	Dicots	1 mile	Presumed Extant	Natural/Native occurrence	N	1994XXXX
68	Polygon	Phrynosoma blainvillii	coast horned lizard	ARACF12100	134	2233	28072	Mt. Wilson	LAX	2600	Reptiles	1 mile	Presumed Extant	Natural/Native occurrence	N	1969XXXX
69	Polygon	Phrynosoma blainvillii	coast horned lizard	ARACF12100	49	2272	28120	El Monte	LAX	250	Reptiles	1 mile	Possibly Extirpated	Natural/Native occurrence	N	19540715
70	Polygon	Antrozous pallidus	pallid bat	AMACC10010	197	34599	66660	El Monte	LAX	0	Mammals	1 mile	Presumed Extant	Natural/Native occurrence	N	19320415
71	Polygon	Polioptila californica californica	coastal California gnatcatcher	ABPBJ08081	1015	34599	119268	El Monte	LAX	300	Birds	1 mile	Possibly Extirpated	Natural/Native occurrence	N	19061229

72	Polygon	<i>Vireo bellii pusillus</i>	least Bell's vireo	ABPBW01114	350	34599	87865	El Monte	LAX	280	Birds	1 mile	Possibly Extirpated	Natural/Native occurrence	N	19230519
73	Polygon	<i>Scutellaria bolanderi</i> ssp. <i>austromontana</i>	southern mountains skullcap	PDLAM1U0A1	16	34599	14693	El Monte	LAX	300	Dicots	1 mile	Possibly Extirpated	Natural/Native occurrence	N	XXXXXXX
74	Polygon	<i>Cuscuta obtusiflora</i> var. <i>glandulosa</i>	Peruvian dodder	PDCUS01111	2	34599	84863	El Monte	LAX	0	Dicots	1 mile	Presumed Extant	Natural/Native occurrence	N	XXXXXXX
75	Polygon	<i>Phrynosoma blainvillii</i>	coast horned lizard	ARACF12100	71	2337	28113	Mt. Wilson	LAX	2600	Reptiles	1 mile	Presumed Extant	Natural/Native occurrence	N	19330803
76	Polygon	<i>Lepidium virginicum</i> var. <i>robinsonii</i>	Robinson's pepper-grass	PDBRA1M114	7	35095	168	Mt. Wilson	LAX	2000	Dicots	1 mile	Presumed Extant	Natural/Native occurrence	N	19280209
77	Polygon	<i>Phacelia stellaris</i>	Brand's star phacelia	PDHYD0C510	1	26517	1567	El Monte	LAX	300	Dicots	1 mile	Possibly Extirpated	Natural/Native occurrence	N	19350318
78	Polygon	<i>Phrynosoma blainvillii</i>	coast horned lizard	ARACF12100	48	2495	28114	Baldwin Park	LAX	480	Reptiles	1 mile	Possibly Extirpated	Natural/Native occurrence	N	19490917
79	Polygon	<i>Coccyzus americanus occidentalis</i>	western yellow-billed cuckoo	ABNRB02022	73	25594	5430	El Monte	LAX	275	Birds	non-specific area	Possibly Extirpated	Natural/Native occurrence	N	20110711
80	Polygon	<i>Horkelia cuneata</i> var. <i>puberula</i>	mesa horkelia	PDROS0W045	29	54955	54955	Pasadena	LAX	0	Dicots	4/5 mile	Possibly Extirpated	Natural/Native occurrence	N	19270724
81	Polygon	<i>Anniella stebbinsi</i>	Southern California legless lizard	ARACC01060	89	A9173	111014	Pasadena	LAX	1321	Reptiles	4/5 mile	Presumed Extant	Natural/Native occurrence	N	19620519
82	Polygon	<i>Polioptila californica californica</i>	coastal California gnatcatcher	ABPBJ08081	23	2328	25121	Mt. Wilson	LAX	523	Birds	non-specific area	Extirpated	Natural/Native occurrence	N	19280510
83	Polygon	Open Engelmann Oak Woodland	Open Engelmann Oak Woodland	CTT71181CA	1	2303	15093	Mt. Wilson	LAX	600	Woodland	specific area	Extirpated	Natural/Native occurrence	N	19780919
84	Polygon	<i>Dodecahema leptoceras</i>	slender-horned spineflower	PDPGN0V010	9	2351	21150	Mt. Wilson	LAX	700	Dicots	3/5 mile	Extirpated	Natural/Native occurrence	N	19790426
85	Polygon	<i>Rana muscosa</i>	southern mountain yellow-legged frog	AAABH01330	41	42580	42580	Mt. Wilson	LAX	0	Amphibians	3/5 mile	Extirpated	Natural/Native occurrence	N	19330523
86	Polygon	<i>Dodecahema leptoceras</i>	slender-horned spineflower	PDPGN0V010	41	2129	101213	Pasadena	LAX	1100	Dicots	3/5 mile	Presumed Extant	Natural/Native occurrence	N	19200430
87	Polygon	<i>Onychomys torridus ramona</i>	southern grasshopper mouse	AMAFF06022	31	2129	58521	Pasadena	LAX	1000	Mammals	3/5 mile	Presumed Extant	Natural/Native occurrence	N	19040911
88	Polygon	<i>Horkelia cuneata</i> var. <i>puberula</i>	mesa horkelia	PDROS0W045	30	2129	54956	Pasadena	LAX	0	Dicots	3/5 mile	Possibly Extirpated	Natural/Native occurrence	N	19010407

89	Polygon	Berberis nevinii	Nevin's barberry	PDBER060A0	9	2129	21583	Pasadena	LAX	1000	Dicots	3/5 mile	Presumed Extant	Natural/Native occurrence	N	19270322
90	Polygon	Anniella stebbinsi	Southern California legless lizard	ARACC01060	78	A9157	110996	Pasadena	LAX	1400	Reptiles	3/5 mile	Presumed Extant	Natural/Native occurrence	N	19420705
91	Polygon	Southern Sycamore Alder Riparian Woodland	Southern Sycamore Alder Riparian Woodland	CTT62400CA	53	2413	15500	Azusa	LAX	1720	Riparian	specific area	Presumed Extant	Natural/Native occurrence	N	19780919
92	Polygon	Southern Sycamore Alder Riparian Woodland	Southern Sycamore Alder Riparian Woodland	CTT62400CA	60	2356	15495	Mt. Wilson	LAX	2000	Riparian	specific area	Presumed Extant	Natural/Native occurrence	N	19780919
93	Polygon	Vireo bellii pusillus	least Bell's vireo	ABPBW01114	148	20301	23976	El Monte	LAX	200	Birds	non-specific area	Presumed Extant	Natural/Native occurrence	N	20110909
94	Polygon	Polioptila californica californica	coastal California gnatcatcher	ABPBJ08081	869	71267	72171	El Monte	LAX	362	Birds	specific area	Presumed Extant	Natural/Native occurrence	N	20160226
95	Polygon	Southern Sycamore Alder Riparian Woodland	Southern Sycamore Alder Riparian Woodland	CTT62400CA	55	2457	15499	Azusa	LAX	1920	Riparian	specific area	Presumed Extant	Natural/Native occurrence	N	19780919
96	Polygon	Riversidian Alluvial Fan Sage Scrub	Riversidian Alluvial Fan Sage Scrub	CTT32720CA	1	2447	23223	Baldwin Park	LAX	500	Scrub	specific area	Presumed Extant	Natural/Native occurrence	N	19850923
97	Polygon	Southern Coast Live Oak Riparian Forest	Southern Coast Live Oak Riparian Forest	CTT61310CA	80	2096	15963	Pasadena	LAX	1120	Riparian	specific area	Extirpated	Natural/Native occurrence	N	19780919
98	Polygon	Rana muscosa	southern mountain yellow-legged frog	AAABH01330	51	80238	42619	Mt. Wilson	LAX	0	Amphibians	non-specific area	Extirpated	Natural/Native occurrence	N	193010XX
99	Polygon	Pseudognaphalium leucocephalum	white rabbit-tobacco	PDAST440C0	12	80238	70820	Mt. Wilson	LAX	0	Dicots	non-specific area	Presumed Extant	Natural/Native occurrence	N	19291020
100	Polygon	Pelazoneuron puberulum var. sonorensis	Sonoran maiden fern	PPTHE05192	17	80238	81215	Mt. Wilson	LAX	0	Ferns	non-specific area	Presumed Extant	Natural/Native occurrence	N	1907XXXX
101	Polygon	Glyptostoma gabrielense	San Gabriel chestnut	IMGASB1010	16	B5920	118933	Pasadena	LAX	1561	Mollusks	non-specific area	Presumed Extant	Natural/Native occurrence	N	192306XX
102	Polygon	Southern Sycamore Alder Riparian Woodland	Southern Sycamore Alder Riparian Woodland	CTT62400CA	58	2239	15496	Mt. Wilson	LAX	1920	Riparian	specific area	Presumed Extant	Natural/Native occurrence	N	19780919

103	Polygon	Horkelia cuneata var. puberula	mesa horkelia	PDROS0W045	26	98665	54950	Mt. Wilson	LAX	1200	Dicots	2/5 mile	Presumed Extant	Natural/Native occurrence	N	19380305
104	Polygon	Spea hammondii	western spadefoot	AAABF02020	1367	B5215	118164	Mt. Wilson	LAX	1218	Amphibian s	2/5 mile	Possibly Extirpated	Natural/Native occurrence	N	19230408
105	Polygon	Rana muscosa	southern mountain yellow-legged frog	AAABH01330	42	42582	42582	Mt. Wilson	LAX	800	Amphibian s	2/5 mile	Extirpated	Natural/Native occurrence	N	19080425
106	Polygon	Chorizanthe parryi var. parryi	Parry's spineflower	PDPGN040J2	37	42077	42077	Pasadena	LAX	1250	Dicots	2/5 mile	Presumed Extant	Natural/Native occurrence	N	19190521
107	Polygon	Vireo bellii pusillus	least Bell's vireo	ABPBW01114	348	86897	87861	Pasadena	LAX	1030	Birds	2/5 mile	Presumed Extant	Natural/Native occurrence	N	20130709
108	Polygon	Galium grande	San Gabriel bedstraw	PDRUB0N0V0	3	2402	17287	Azusa	LAX	1400	Dicots	2/5 mile	Presumed Extant	Natural/Native occurrence	N	19790424
109	Polygon	Chorizanthe parryi var. parryi	Parry's spineflower	PDPGN040J2	94	72616	73499	Azusa	LAX	550	Dicots	2/5 mile	Presumed Extant	Natural/Native occurrence	N	19860407
110	Polygon	Aspidoscelis tigris stejnegeri	coastal whiptail	ARACJ02143	75	56014	56038	Baldwin Park	LAX	440	Reptiles	2/5 mile	Presumed Extant	Natural/Native occurrence	N	20010712
111	Polygon	Phrynosoma blainvillii	coast horned lizard	ARACF12100	521	56014	56035	Baldwin Park	LAX	440	Reptiles	2/5 mile	Presumed Extant	Natural/Native occurrence	N	20010712
112	Polygon	Icteria virens	yellow-breasted chat	ABPBX24010	100	56014	56033	Baldwin Park	LAX	440	Birds	2/5 mile	Presumed Extant	Natural/Native occurrence	N	20010712
113	Polygon	Lepus californicus bennettii	San Diego black- tailed jackrabbit	AMAEB03051	47	56014	56039	Baldwin Park	LAX	440	Mammals	2/5 mile	Presumed Extant	Natural/Native occurrence	N	20010712
114	Polygon	Accipiter cooperii	Cooper's hawk	ABNKC12040	94	56014	56034	Baldwin Park	LAX	440	Birds	2/5 mile	Presumed Extant	Natural/Native occurrence	N	20010712
115	Polygon	Chorizanthe parryi var. parryi	Parry's spineflower	PDPGN040J2	130	91732	92813	Pasadena	LAX	0	Dicots	2/5 mile	Presumed Extant	Natural/Native occurrence	N	XXXXXXX
116	Polygon	Sidalcea neomexicana	salt spring checkerbloom	PDMAL110J0	28	91732	105340	Pasadena	LAX	0	Dicots	2/5 mile	Presumed Extant	Natural/Native occurrence	N	XXXXXXX
117	Polygon	Calochortus plummerae	Plummer's mariposa- lily	PMLIL0D150	38	27696	22637	Pasadena	LAX	800	Monocots	2/5 mile	Possibly Extirpated	Natural/Native occurrence	N	19130615
118	Polygon	Centromadia parryi ssp. australis	southern tarplant	PDAST4R0P4	29	35369	7744	South Gate	LAX	60	Dicots	2/5 mile	Presumed Extant	Natural/Native occurrence	N	19310731

119	Polygon	Centromadia parryi ssp. australis	southern tarplant	PDAST4R0P4	26	35391	29323	Pasadena	LAX	1150	Dicots	2/5 mile	Possibly Extirpated	Natural/Native occurrence	N	19971019
120	Polygon	Southern Sycamore Alder Riparian Woodland	Southern Sycamore Alder Riparian Woodland	CTT62400CA	59	2318	15494	Mt. Wilson	LAX	2280	Riparian	specific area	Presumed Extant	Natural/Native occurrence	N	19780919
121	Polygon	Riversidian Alluvial Fan Sage Scrub	Riversidian Alluvial Fan Sage Scrub	CTT32720CA	7	2340	23018	Mt. Wilson	LAX	1180	Scrub	specific area	Extirpated	Natural/Native occurrence	N	1980XXXX
122	Polygon	Rana muscosa	southern mountain yellow-legged frog	AAABH01330	52	42620	42620	Mt. Wilson	LAX	0	Amphibian s	non-specific area	Extirpated	Natural/Native occurrence	N	19590720
123	Polygon	Pelazoneuron puberulum var. sonorensis	Sonoran maiden fern	PPTHE05192	7	42620	1902	Mt. Wilson	LAX	0	Ferns	non-specific area	Presumed Extant	Natural/Native occurrence	N	19301211
124	Polygon	Lasiurus cinereus	hoary bat	AMACC05032	60	42620	68819	Mt. Wilson	LAX	0	Mammals	non-specific area	Presumed Extant	Natural/Native occurrence	N	19480208
125	Polygon	Southern Sycamore Alder Riparian Woodland	Southern Sycamore Alder Riparian Woodland	CTT62400CA	73	2057	15483	Pasadena	LAX	2400	Riparian	specific area	Presumed Extant	Natural/Native occurrence	N	19780919
126	Polygon	Riversidian Alluvial Fan Sage Scrub	Riversidian Alluvial Fan Sage Scrub	CTT32720CA	13	2390	23179	Azusa	LAX	800	Scrub	specific area	Extirpated	Natural/Native occurrence	N	19780919
127	Polygon	Rana muscosa	southern mountain yellow-legged frog	AAABH01330	81	42943	42943	Azusa	LAX	2000	Amphibian s	non-specific area	Possibly Extirpated	Natural/Native occurrence	N	19320306
128	Polygon	Glyptostoma gabrielense	San Gabriel chestnut	IMGASB1010	10	42943	118923	Azusa	LAX	2000	Mollusks	non-specific area	Presumed Extant	Natural/Native occurrence	N	19600403
129	Polygon	Southern Sycamore Alder Riparian Woodland	Southern Sycamore Alder Riparian Woodland	CTT62400CA	54	2448	15501	Azusa	LAX	2000	Riparian	specific area	Presumed Extant	Natural/Native occurrence	N	19780919
130	Polygon	Bombus pennsylvanicus	American bumble bee	IIHYM24260	228	B9354	125573	El Monte	LAX	217	Insects	non-specific area	Presumed Extant	Natural/Native occurrence	N	20190703
131	Polygon	Anniella stebbinsi	Southern California legless lizard	ARACC01060	93	A9179	111019	Mt. Wilson	LAX	540	Reptiles	non-specific area	Presumed Extant	Natural/Native occurrence	N	19610126
132	Polygon	Southern Sycamore Alder Riparian Woodland	Southern Sycamore Alder Riparian Woodland	CTT62400CA	68	2083	15486	Pasadena	LAX	920	Riparian	specific area	Extirpated	Natural/Native occurrence	N	19780919
133	Polygon	Glyptostoma gabrielense	San Gabriel chestnut	IMGASB1010	15	B5919	118932	Pasadena	LAX	1734	Mollusks	non-specific area	Presumed Extant	Natural/Native occurrence	N	19411113
134	Polygon	Anniella stebbinsi	Southern California legless lizard	ARACC01060	83	A9162	111001	Pasadena	LAX	1908	Reptiles	non-specific area	Presumed Extant	Natural/Native occurrence	N	197606XX

135	Polygon	Symphyotrichum greatae	Greata's aster	PDASTE80U0	17	58461	58497	Pasadena	LAX	0	Dicots	non-specific area	Presumed Extant	Natural/Native occurrence	N	19170923
136	Polygon	Southern Sycamore Alder Riparian Woodland	Southern Sycamore Alder Riparian Woodland	CTT62400CA	57	2215	15498	Mt. Wilson	LAX	2600	Riparian	specific area	Presumed Extant	Natural/Native occurrence	N	19780919
137	Polygon	Symphyotrichum greatae	Greata's aster	PDASTE80U0	4	58407	58443	Azusa	LAX	0	Dicots	non-specific area	Presumed Extant	Natural/Native occurrence	N	19150906
138	Polygon	Centromadia parryi ssp. australis	southern tarplant	PDAST4R0P4	96	97137	98384	Baldwin Park	LAX	0	Dicots	non-specific area	Presumed Extant	Natural/Native occurrence	N	19200622
139	Polygon	Pelazoneuron puberulum var. sonorensis	Sonoran maiden fern	PPTHE05192	2	28066	10058	Azusa	LAX	1700	Ferns	non-specific area	Presumed Extant	Natural/Native occurrence	N	20160609
140	Polygon	Anniella stebbinsi	Southern California legless lizard	ARACC01060	90	A9175	111016	Mt. Wilson	LAX	1065	Reptiles	non-specific area	Presumed Extant	Natural/Native occurrence	N	19230520
141	Polygon	Symphyotrichum greatae	Greata's aster	PDASTE80U0	28	58672	58708	Condor Peak	LAX	0	Dicots	non-specific area	Presumed Extant	Natural/Native occurrence	N	19310925
142	Polygon	Southern Coast Live Oak Riparian Forest	Southern Coast Live Oak Riparian Forest	CTT61310CA	63	2418	15976	Azusa	LAX	1240	Riparian	specific area	Presumed Extant	Natural/Native occurrence	N	19780919
143	Polygon	Southern Sycamore Alder Riparian Woodland	Southern Sycamore Alder Riparian Woodland	CTT62400CA	113	2072	15444	Pasadena	LAX	2120	Riparian	specific area	Presumed Extant	Natural/Native occurrence	N	19780919
144	Polygon	Vireo bellii pusillus	least Bell's vireo	ABPBW01114	271	91976	56030	Baldwin Park	LAX	440	Birds	specific area	Presumed Extant	Natural/Native occurrence	N	20010712
145	Polygon	Poliptila californica californica	coastal California gnatcatcher	ABPBJ08081	962	B2190	114105	El Monte	LAX	390	Birds	specific area	Presumed Extant	Natural/Native occurrence	N	20170629
146	Polygon	Southern Coast Live Oak Riparian Forest	Southern Coast Live Oak Riparian Forest	CTT61310CA	71	2290	15971	Mt. Wilson	LAX	1400	Riparian	specific area	Presumed Extant	Natural/Native occurrence	N	19780919
147	Polygon	Southern Coast Live Oak Riparian Forest	Southern Coast Live Oak Riparian Forest	CTT61310CA	68	2259	15973	Mt. Wilson	LAX	1760	Riparian	specific area	Presumed Extant	Natural/Native occurrence	N	19780919
148	Polygon	Bombus pensylvanicus	American bumble bee	IIHYM24260	163	B9180	125374	Mt. Wilson	LAX	531	Insects	non-specific area	Presumed Extant	Natural/Native occurrence	N	20200905
149	Polygon	Dudleya cymosa ssp. crebrifolia	San Gabriel River dudleya	PDCRA040A8	1	28158	6509	Azusa	LAX	1200	Dicots	specific area	Presumed Extant	Natural/Native occurrence	N	20150625

150	Polygon	Southern Sycamore Alder Riparian Woodland	Southern Sycamore Alder Riparian Woodland	CTT62400CA	62	2261	15491	Mt. Wilson	LAX	1040	Riparian	specific area	Extirpated	Natural/Native occurrence	N	19780919
151	Polygon	Horkelia cuneata var. puberula	mesa horkelia	PDROS0W045	15	54932	54932	Baldwin Park	LAX	500	Dicots	1/5 mile	Presumed Extant	Natural/Native occurrence	N	19920513
152	Polygon	Anniella stebbinsi	Southern California legless lizard	ARACC01060	399	B1670	113584	Pasadena	LAX	826	Reptiles	1/5 mile	Presumed Extant	Natural/Native occurrence	N	20160621
153	Polygon	Ribes divaricatum var. parishii	Parish's gooseberry	PDGRO020F3	7	A3211	104838	El Monte	LAX	250	Dicots	1/5 mile	Possibly Extirpated	Natural/Native occurrence	N	19510512
154	Polygon	Horkelia cuneata var. puberula	mesa horkelia	PDROS0W045	73	98742	100215	Pasadena	LAX	1900	Dicots	1/5 mile	Presumed Extant	Natural/Native occurrence	N	19670616
155	Polygon	Eumops perotis californicus	western mastiff bat	AMACD02011	167	66427	66525	Pasadena	LAX	0	Mammals	1/5 mile	Presumed Extant	Natural/Native occurrence	N	19720213
156	Polygon	Calochortus plummerae	Plummer's mariposa-lily	PMLIL0D150	29	27708	682	Mt. Wilson	LAX	700	Monocots	1/5 mile	Presumed Extant	Natural/Native occurrence	N	19600528
157	Polygon	Taricha torosa	Coast Range newt	AAAAF02032	10	42566	52436	Pasadena	LAX	1300	Amphibians	1/5 mile	Presumed Extant	Natural/Native occurrence	N	20030528
158	Polygon	Rana muscosa	southern mountain yellow-legged frog	AAABH01330	37	42566	42566	Pasadena	LAX	1240	Amphibians	1/5 mile	Possibly Extirpated	Natural/Native occurrence	N	2009XXXX
159	Polygon	Pelazoneuron puberulum var. sonorensis	Sonoran maiden fern	PPTHE05192	26	A7029	108828	Pasadena	LAX	1400	Ferns	1/5 mile	Presumed Extant	Natural/Native occurrence	N	19670402
160	Polygon	Anniella stebbinsi	Southern California legless lizard	ARACC01060	82	A9161	111000	Pasadena	LAX	1504	Reptiles	1/5 mile	Presumed Extant	Natural/Native occurrence	N	19480718
161	Polygon	Glyptostoma gabrielense	San Gabriel chestnut	IMGASB1010	7	B5906	118918	Mt. Wilson	LAX	2259	Mollusks	1/5 mile	Presumed Extant	Natural/Native occurrence	N	20180527
162	Polygon	Berberis nevini	Nevin's barberry	PDBER060A0	8	2141	21581	Pasadena	LAX	1000	Dicots	1/5 mile	Presumed Extant	Natural/Native occurrence	N	19610325
163	Polygon	Emys marmorata	western pond turtle	ARAAD02030	905	2165	28192	Pasadena	LAX	2000	Reptiles	1/5 mile	Possibly Extirpated	Natural/Native occurrence	N	1987XXXX
164	Polygon	Helianthus nuttallii ssp. parishii	Los Angeles sunflower	PDAST4N102	2	2183	16793	Los Angeles	LAX	700	Dicots	1/5 mile	Extirpated	Natural/Native occurrence	N	190109XX

165	Polygon	<i>Emys marmorata</i>	western pond turtle	ARAAD02030	923	2217	28182	El Monte	LAX	380	Reptiles	1/5 mile	Possibly Extirpated	Natural/Native occurrence	N	1987XXXX
166	Polygon	<i>Emys marmorata</i>	western pond turtle	ARAAD02030	837	2268	13598	El Monte	LAX	220	Reptiles	1/5 mile	Possibly Extirpated	Natural/Native occurrence	N	1987XXXX
167	Polygon	Open Engelmann Oak Woodland	Open Engelmann Oak Woodland	CTT71181CA	2	2295	28768	Mt. Wilson	LAX	560	Woodland	1/5 mile	Extirpated	Natural/Native occurrence	N	19780919
168	Polygon	<i>Emys marmorata</i>	western pond turtle	ARAAD02030	921	2314	28187	El Monte	LAX	0	Reptiles	1/5 mile	Presumed Extant	Natural/Native occurrence	N	1987XXXX
169	Polygon	<i>Emys marmorata</i>	western pond turtle	ARAAD02030	922	2375	28183	El Monte	LAX	0	Reptiles	1/5 mile	Possibly Extirpated	Natural/Native occurrence	N	1987XXXX
170	Polygon	<i>Vireo bellii pusillus</i>	least Bell's vireo	ABPBW01114	114	2460	12961	Baldwin Park	LAX	440	Birds	1/5 mile	Presumed Extant	Natural/Native occurrence	N	1984XXXX
171	Polygon	<i>Vireo bellii pusillus</i>	least Bell's vireo	ABPBW01114	112	2462	24966	Azusa	LAX	760	Birds	1/5 mile	Presumed Extant	Natural/Native occurrence	N	1978XXXX
172	Polygon	Southern Coast Live Oak Riparian Forest	Southern Coast Live Oak Riparian Forest	CTT61310CA	72	2373	15969	Mt. Wilson	LAX	1120	Riparian	specific area	Presumed Extant	Natural/Native occurrence	N	19780919
173	Polygon	<i>Dudleya densiflora</i>	San Gabriel Mountains dudleya	PDCRA040B0	2	2468	19726	Azusa	LAX	1600	Dicots	specific area	Presumed Extant	Natural/Native occurrence	N	201305XX
174	Polygon	<i>Anniella stebbinsi</i>	Southern California legless lizard	ARACC01060	67	A9130	110964	Pasadena	LAX	941	Reptiles	non-specific area	Presumed Extant	Natural/Native occurrence	N	19040201
175	Polygon	Riversidian Alluvial Fan Sage Scrub	Riversidian Alluvial Fan Sage Scrub	CTT32720CA	8	2235	22836	Mt. Wilson	LAX	1040	Scrub	specific area	Presumed Extant	Natural/Native occurrence	N	19780919
176	Polygon	Riversidian Alluvial Fan Sage Scrub	Riversidian Alluvial Fan Sage Scrub	CTT32720CA	9	2322	22951	Mt. Wilson	LAX	680	Scrub	specific area	Extirpated	Natural/Native occurrence	N	1978XXXX
177	Polygon	<i>Polioptila californica californica</i>	coastal California gnatcatcher	ABPBJ08081	823	53461	53461	El Monte	LAX	223	Birds	non-specific area	Presumed Extant	Natural/Native occurrence	N	20180201
178	Polygon	Southern Sycamore Alder Riparian Woodland	Southern Sycamore Alder Riparian Woodland	CTT62400CA	61	2203	15493	Mt. Wilson	LAX	1920	Riparian	specific area	Presumed Extant	Natural/Native occurrence	N	19780919
179	Polygon	Southern Coast Live Oak Riparian Forest	Southern Coast Live Oak Riparian Forest	CTT61310CA	67	2240	11835	Mt. Wilson	LAX	960	Riparian	specific area	Presumed Extant	Natural/Native occurrence	N	19780919

180	Polygon	Vireo bellii pusillus	least Bell's vireo	ABPBW01114	565	92021	93093	Azusa	LAX	580	Birds	specific area	Presumed Extant	Natural/Native occurrence	N	20110728
181	Polygon	Symphyotrichum greatae	Greata's aster	PDASTE80U0	15	58454	58490	Mt. Wilson	LAX	2400	Dicots	non-specific area	Presumed Extant	Natural/Native occurrence	N	19181016
182	Polygon	Southern Coast Live Oak Riparian Forest	Southern Coast Live Oak Riparian Forest	CTT61310CA	70	2283	15972	Mt. Wilson	LAX	1960	Riparian	specific area	Presumed Extant	Natural/Native occurrence	N	19780919
183	Polygon	Southern Coast Live Oak Riparian Forest	Southern Coast Live Oak Riparian Forest	CTT61310CA	73	2377	15970	Mt. Wilson	LAX	800	Riparian	specific area	Extirpated	Natural/Native occurrence	N	19780919
184	Polygon	Dodecahema leptoceras	slender-horned spineflower	PDPGN0V010	8	2206	21151	Mt. Wilson	LAX	1640	Dicots	non-specific area	Extirpated	Natural/Native occurrence	N	19790428
185	Polygon	Southern Sycamore Alder Riparian Woodland	Southern Sycamore Alder Riparian Woodland	CTT62400CA	112	2035	15446	Pasadena	LAX	2720	Riparian	specific area	Presumed Extant	Natural/Native occurrence	N	19780919
186	Polygon	Pelazoneuron puberulum var. sonorensis	Sonoran maiden fern	PPTHE05192	16	80227	81214	Azusa	LAX	1100	Ferns	non-specific area	Presumed Extant	Natural/Native occurrence	N	19710522
187	Polygon	Southern Coast Live Oak Riparian Forest	Southern Coast Live Oak Riparian Forest	CTT61310CA	64	2440	15977	Azusa	LAX	1040	Riparian	specific area	Presumed Extant	Natural/Native occurrence	N	19780919
188	Polygon	Lasiurus frantzii	western red bat	AMACC05080	120	A0560	102118	Mt. Wilson	LAX	1163	Mammals	non-specific area	Presumed Extant	Natural/Native occurrence	N	20150922
189	Polygon	Bombus pensylvanicus	American bumble bee	IIHYM24260	227	B9353	125572	El Monte	LAX	300	Insects	non-specific area	Presumed Extant	Natural/Native occurrence	N	20220707
190	Polygon	Southern Sycamore Alder Riparian Woodland	Southern Sycamore Alder Riparian Woodland	CTT62400CA	136	2027	15425	Condor Peak	LAX	2920	Riparian	specific area	Presumed Extant	Natural/Native occurrence	N	19780919
191	Polygon	Southern Coast Live Oak Riparian Forest	Southern Coast Live Oak Riparian Forest	CTT61310CA	81	2046	15962	Pasadena	LAX	2280	Riparian	specific area	Presumed Extant	Natural/Native occurrence	N	19780919
192	Polygon	Southern Coast Live Oak Riparian Forest	Southern Coast Live Oak Riparian Forest	CTT61310CA	74	2316	15968	Mt. Wilson	LAX	960	Riparian	specific area	Extirpated	Natural/Native occurrence	N	19780919
193	Polygon	Southern Coast Live Oak Riparian Forest	Southern Coast Live Oak Riparian Forest	CTT61310CA	76	2117	13412	Pasadena	LAX	1100	Riparian	specific area	Extirpated	Natural/Native occurrence	N	19780919
194	Polygon	Southern Sycamore Alder Riparian Woodland	Southern Sycamore Alder Riparian Woodland	CTT62400CA	72	2054	15482	Pasadena	LAX	1200	Riparian	specific area	Extirpated	Natural/Native occurrence	N	19780919

195	Polygon	Dudleya densiflora	San Gabriel Mountains dudleya	PDCRA040B0	1	2470	19725	Azusa	LAX	1000	Dicots	specific area	Presumed Extant	Natural/Native occurrence	N	1989XXXX
196	Polygon	Southern Coast Live Oak Riparian Forest	Southern Coast Live Oak Riparian Forest	CTT61310CA	66	2236	15974	Mt. Wilson	LAX	1160	Riparian	specific area	Extirpated	Natural/Native occurrence	N	19780919
197	Polygon	Symphyotrichum greatae	Greata's aster	PDASTE80U0	23	58658	58694	Azusa	LAX	1100	Dicots	non-specific area	Presumed Extant	Natural/Native occurrence	N	19320930
198	Polygon	Bombus crotchii	Crotch's bumble bee	IIHYM24480	340	B6431	119490	Mt. Wilson	LAX	519	Insects	specific area	Presumed Extant	Natural/Native occurrence	N	20200802
199	Polygon	Southern Coast Live Oak Riparian Forest	Southern Coast Live Oak Riparian Forest	CTT61310CA	99	2112	15948	Pasadena	LAX	1280	Riparian	specific area	Presumed Extant	Natural/Native occurrence	N	19780919
200	Polygon	Southern Coast Live Oak Riparian Forest	Southern Coast Live Oak Riparian Forest	CTT61310CA	65	2229	15975	Mt. Wilson	LAX	1200	Riparian	specific area	Presumed Extant	Natural/Native occurrence	N	19780919
201	Polygon	Polioptila californica californica	coastal California gnatcatcher	ABPBJ08081	1009	B6196	119242	Azusa	LAX	553	Birds	specific area	Presumed Extant	Natural/Native occurrence	N	20100403
202	Polygon	Rhinichthys osculus ssp. 8	Santa Ana speckled dace	AFCJB3705K	13	61991	62027	Azusa	LAX	866	Fish	specific area	Presumed Extant	Natural/Native occurrence	N	20020213
203	Polygon	Corynorhinus townsendii	Townsend's big-eared bat	AMACC08010	640	A0797	102355	Mt. Wilson	LAX	1276	Mammals	1/10 mile	Presumed Extant	Natural/Native occurrence	N	20150922
204	Polygon	Glyptostoma gabriellense	San Gabriel chestnut	IMGASB1010	3	B5898	118910	Mt. Wilson	LAX	1292	Mollusks	1/10 mile	Presumed Extant	Natural/Native occurrence	N	19461202
205	Polygon	Anniella stebbinsi	Southern California legless lizard	ARACC01060	400	B1672	113586	Pasadena	LAX	2217	Reptiles	1/10 mile	Presumed Extant	Natural/Native occurrence	N	20181003
206	Polygon	Anniella stebbinsi	Southern California legless lizard	ARACC01060	92	A9178	111018	Mt. Wilson	LAX	913	Reptiles	1/10 mile	Presumed Extant	Natural/Native occurrence	N	19620218
207	Polygon	Anniella stebbinsi	Southern California legless lizard	ARACC01060	396	B1662	113576	Mt. Wilson	LAX	969	Reptiles	1/10 mile	Presumed Extant	Natural/Native occurrence	N	20180612
208	Polygon	Anniella stebbinsi	Southern California legless lizard	ARACC01060	397	B1666	113579	Pasadena	LAX	1675	Reptiles	1/10 mile	Presumed Extant	Natural/Native occurrence	N	20170107
209	Polygon	Lepidium virginicum var. robinsonii	Robinson's pepper-grass	PDBRA1M114	153	85295	86319	Azusa	LAX	500	Dicots	1/10 mile	Presumed Extant	Natural/Native occurrence	N	19971231
210	Polygon	Anniella stebbinsi	Southern California legless lizard	ARACC01060	398	B1668	113582	Pasadena	LAX	1148	Reptiles	1/10 mile	Presumed Extant	Natural/Native occurrence	N	20170528
211	Polygon	Bombus pensylvanicus	American bumble bee	IIHYM24260	312	B9858	127083	Los Angeles	LAX	473	Insects	1/10 mile	Presumed Extant	Natural/Native occurrence	N	20220724

212	Polygon	Bombus pensylvanicus	American bumble bee	IIHYM24260	223	B9343	125562	El Monte	LAX	351	Insects	1/10 mile	Presumed Extant	Natural/Native occurrence	N	20220926
213	Polygon	Bombus pensylvanicus	American bumble bee	IIHYM24260	224	B9345	125564	El Monte	LAX	479	Insects	1/10 mile	Presumed Extant	Natural/Native occurrence	N	20190722
214	Polygon	Bombus pensylvanicus	American bumble bee	IIHYM24260	222	B9341	125560	El Monte	LAX	303	Insects	1/10 mile	Presumed Extant	Natural/Native occurrence	N	202208XX
215	Polygon	Bombus pensylvanicus	American bumble bee	IIHYM24260	210	B9308	125520	Baldwin Park	LAX	416	Insects	1/10 mile	Presumed Extant	Natural/Native occurrence	N	20200513
216	Polygon	Bombus pensylvanicus	American bumble bee	IIHYM24260	313	B9859	127084	Los Angeles	LAX	304	Insects	1/10 mile	Presumed Extant	Natural/Native occurrence	N	20230727
217	Polygon	Bombus pensylvanicus	American bumble bee	IIHYM24260	155	B9157	124348	Pasadena	LAX	1518	Insects	1/10 mile	Presumed Extant	Natural/Native occurrence	N	20170911
218	Polygon	Astragalus brauntonii	Braunton's milk-vetch	PDFAB0F1G0	16	2374	984	Mt. Wilson	LAX	1350	Dicots	specific area	Presumed Extant	Natural/Native occurrence	N	20191027
219	Polygon	Anniella stebbinsi	Southern California legless lizard	ARACC01060	80	A9160	110998	Pasadena	LAX	1054	Reptiles	specific area	Presumed Extant	Natural/Native occurrence	N	20180425
220	Polygon	Bombus crotchii	Crotch's bumble bee	IIHYM24480	323	B6407	119463	El Monte	LAX	339	Insects	specific area	Presumed Extant	Natural/Native occurrence	N	20200430
221	Polygon	Vireo bellii pusillus	least Bell's vireo	ABPBW01114	553	91978	93052	El Monte	LAX	300	Birds	specific area	Presumed Extant	Natural/Native occurrence	N	20130729
222	Polygon	Calochortus plummerae	Plummer's mariposa-lily	PMLIL0D150	224	84408	85435	Pasadena	LAX	1950	Monocots	specific area	Presumed Extant	Natural/Native occurrence	N	20100628
223	Polygon	Calochortus plummerae	Plummer's mariposa-lily	PMLIL0D150	76	47986	47986	Pasadena	LAX	1500	Monocots	80 meters	Presumed Extant	Natural/Native occurrence	N	20090613
224	Polygon	Glyptostoma gabrielense	San Gabriel chestnut	IMGASB1010	2	B5896	118908	Mt. Wilson	LAX	1777	Mollusks	80 meters	Presumed Extant	Natural/Native occurrence	N	20200508
225	Polygon	Anniella stebbinsi	Southern California legless lizard	ARACC01060	79	A9158	110997	Pasadena	LAX	1502	Reptiles	80 meters	Presumed Extant	Natural/Native occurrence	N	19780507

226	Polygon	Dudleya densiflora	San Gabriel Mountains dudleya	PDCRA040B0	13	A4065	105738	Azusa	LAX	3600	Dicots	80 meters	Presumed Extant	Natural/Native occurrence	N	20100625
227	Polygon	Glyptostoma gabrielense	San Gabriel chestnut	IMGASB1010	5	B5902	118914	Mt. Wilson	LAX	1023	Mollusks	80 meters	Presumed Extant	Natural/Native occurrence	N	20200322
228	Polygon	Anniella stebbinsi	Southern California legless lizard	ARACC01060	416	B1751	113667	Pasadena	LAX	1209	Reptiles	80 meters	Presumed Extant	Natural/Native occurrence	N	20180729
229	Polygon	Anniella stebbinsi	Southern California legless lizard	ARACC01060	410	B1740	113656	Pasadena	LAX	1081	Reptiles	80 meters	Presumed Extant	Natural/Native occurrence	N	20180504
230	Polygon	Symphyotrichum greatae	Greata's aster	PDASTE80U0	5	58410	58446	Azusa	LAX	1750	Dicots	80 meters	Presumed Extant	Natural/Native occurrence	N	20090819
231	Polygon	Anniella stebbinsi	Southern California legless lizard	ARACC01060	91	A9177	111017	Mt. Wilson	LAX	866	Reptiles	80 meters	Presumed Extant	Natural/Native occurrence	N	19820115
232	Polygon	Glyptostoma gabrielense	San Gabriel chestnut	IMGASB1010	4	B5901	118913	Mt. Wilson	LAX	1187	Mollusks	80 meters	Presumed Extant	Natural/Native occurrence	N	20200319
233	Polygon	Ribes divaricatum var. parishii	Parish's gooseberry	PDGRO020F3	1	2296	19545	El Monte	LAX	210	Dicots	80 meters	Possibly Extirpated	Natural/Native occurrence	N	199XXXXX
234	Polygon	Ribes divaricatum var. parishii	Parish's gooseberry	PDGRO020F3	2	2308	19544	El Monte	LAX	220	Dicots	80 meters	Possibly Extirpated	Natural/Native occurrence	N	199XXXXX
235	Polygon	Bombus crotchii	Crotch's bumble bee	IIHYM24480	345	B6436	119495	Pasadena	LAX	1180	Insects	80 meters	Presumed Extant	Natural/Native occurrence	N	20190704
236	Polygon	Glyptostoma gabrielense	San Gabriel chestnut	IMGASB1010	6	B5903	118915	Mt. Wilson	LAX	796	Mollusks	80 meters	Presumed Extant	Natural/Native occurrence	N	20200704
237	Polygon	Anniella stebbinsi	Southern California legless lizard	ARACC01060	6	A4291	105973	Pasadena	LAX	1328	Reptiles	80 meters	Presumed Extant	Natural/Native occurrence	N	20151201
238	Polygon	Astragalus brauntonii	Braunton's milk-vetch	PDFAB0F1G0	57	B6205	119252	Azusa	LAX	1319	Dicots	80 meters	Presumed Extant	Natural/Native occurrence	N	20180315
239	Polygon	Anniella stebbinsi	Southern California legless lizard	ARACC01060	409	B1739	113655	Pasadena	LAX	1073	Reptiles	80 meters	Presumed Extant	Natural/Native occurrence	N	20180425
240	Polygon	Calochortus plummerae	Plummer's mariposa-lily	PMLIL0D150	71	47962	47962	Mt. Wilson	LAX	1200	Monocots	80 meters	Presumed Extant	Natural/Native occurrence	N	20010609
241	Polygon	Calochortus plummerae	Plummer's mariposa-lily	PMLIL0D150	211	80724	81741	Mt. Wilson	LAX	1520	Monocots	80 meters	Presumed Extant	Natural/Native occurrence	N	20090606
242	Polygon	Vireo bellii pusillus	least Bell's vireo	ABPBW01114	554	91979	93053	El Monte	LAX	300	Birds	80 meters	Presumed Extant	Natural/Native occurrence	N	20130729

243	Polygon	<i>Vireo bellii pusillus</i>	least Bell's vireo	ABPBW01114	349	96169	87863	Mt. Wilson	LAX	1000	Birds	80 meters	Presumed Extant	Natural/Native occurrence	N	20150519
244	Polygon	<i>Berberis nevinii</i>	Nevin's barberry	PDBER060A0	13	2139	21578	Pasadena	LAX	960	Dicots	80 meters	Presumed Extant	Transplant Outside of Native Hab./Range	N	19990729
245	Polygon	<i>Polioptila californica californica</i>	coastal California gnatcatcher	ABPBJ08081	854	69526	70305	Baldwin Park	LAX	500	Birds	80 meters	Presumed Extant	Natural/Native occurrence	N	20070224
246	Polygon	<i>Calochortus plummerae</i>	Plummer's mariposa-lily	PMLIL0D150	165	77445	78354	Mt. Wilson	LAX	800	Monocots	80 meters	Presumed Extant	Natural/Native occurrence	N	20050608
247	Polygon	<i>Centromadia parryi ssp. australis</i>	southern tarplant	PDAST4R0P4	80	77192	78128	El Monte	LAX	200	Dicots	specific area	Presumed Extant	Natural/Native occurrence	N	20150403
248	Polygon	<i>Calochortus plummerae</i>	Plummer's mariposa-lily	PMLIL0D150	226	84410	85437	Pasadena	LAX	2300	Monocots	specific area	Presumed Extant	Natural/Native occurrence	N	20100701
249	Polygon	<i>Galium grande</i>	San Gabriel bedstraw	PDRUB0N0V0	4	38513	33520	Azusa	LAX	3500	Dicots	specific area	Presumed Extant	Natural/Native occurrence	N	20010620
250	Polygon	<i>Galium grande</i>	San Gabriel bedstraw	PDRUB0N0V0	10	93774	94898	Azusa	LAX	3250	Dicots	specific area	Presumed Extant	Natural/Native occurrence	N	20100628
251	Polygon	<i>Astragalus brauntonii</i>	Braunton's milk-vetch	PDFAB0F1G0	6	2382	19385	Azusa	LAX	1000	Dicots	specific area	Extirpated	Natural/Native occurrence	N	1986XXXX
252	Polygon	<i>Calochortus plummerae</i>	Plummer's mariposa-lily	PMLIL0D150	225	84409	85436	Pasadena	LAX	1900	Monocots	specific area	Presumed Extant	Natural/Native occurrence	N	20100621
253	Polygon	<i>Astragalus brauntonii</i>	Braunton's milk-vetch	PDFAB0F1G0	24	26106	5212	Mt. Wilson	LAX	940	Dicots	specific area	Presumed Extant	Natural/Native occurrence	N	20010502

ID	ELMDATE	FEDLIST	CALLIST	SRANK	RPLANT RANK	CDFWST ATUS	OTHRSTATUS	LOCATION	LOCDETAILS
1	18940704	None	Threatened	S3			BLM_S; IUCN_LC	VICINITY OF WHITTIER.	LOCATION STATED AS "NEAR WHITTIER, CAL...IN RIVER BANK." EXACT LOCATION UNKNOWN. MAPPED TO THE AREA OF WHITTIER THAT ENCOMPASSES PORTIONS OF SAN GABRIEL RIVER, RIO HONDO, SAN JOSE CREEK, AND COYOTE CREEK.
2	18940704	None	Threatened	S3			BLM_S; IUCN_LC	VICINITY OF ALHAMBRA.	LOCATION STATED AS "ALHAMBRA." EXACT LOCATION UNKNOWN. MAPPED TO THE AREA OF ALHAMBRA INCLUDING PORTIONS OF ARROYO SECO, LOS ANGELES RIVER, AND ALHAMBRA WASH.
3	XXXXXXXX	None	None	S3		SSC	IUCN_LC	LOS ANGELES.	NO OTHER LOCATION INFORMATION GIVEN.
4	18940520	Endangered	Endangered	S3				LOS ANGELES.	NO OTHER LOCATION INFORMATION GIVEN, MAPPED IN THE GENERAL VICINITY OF LOS ANGELES.
5	19210505	None	None	S2		SSC	BLM_S; IUCN_LC; USFWS_BCC	HERMON HILLS, LOS ANGELES.	UNABLE TO FIND ANY REFERENCE TO "HERMON HILLS". NO OTHER LOCATION INFORMATION GIVEN. MAPPED AS A 5 MILE RADIUS CIRCLE AT THE LAT/ LONG COORDINATES GIVEN IN MVZ RECORDS (MAX ERROR DISTANCE GIVEN AS 40 MILES).
6	19060914	Endangered	Endangered	S3				PASADENA.	EXACT LOCATION NOT KNOWN; SITE MAPPED IN GENERAL AREA OF PASADENA. 1905 & 1906 RECORDS FROM "PASADENA, ARROYO SECO"
7	189304XX	None	None	SX	1A			PASADENA.	EXACT LOCATION NOT KNOWN; SITE MAPPED IN GENERAL AREA OF PASADENA.
8	20050513	Delisted	Delisted	S3S4			CDF_S		
9	19780919	None	None	S4				ARROYO SECO & MANY TRIBUTARIES, U/S OF DEVILS GATE RESERVOIR.	EXTANT, 1978, PER AERIAL PHOTO INTERPRETATION.
10	19150705	None	None	S1	1B.1		SB_CalBG/RSAB G; USFS_S	ARROYO SECO CANYON AND RIDGE BETWEEN ARROYO SECO AND MILLARD CANYON.	EXACT LOCATION UNKNOWN. MAPPED AS BEST GUESS BY CNDDDB TO INCLUDE A PORTION OF ARROYO SECO CANYON AND THE RIDGE AREA EAST OF ARROYO SECO CANYON TOWARD MILLARD CANYON.
11	19031115	Threatened	None	S2		SSC		EATON WASH, EAST OF PASADENA.	GIVEN LOCALITY "EATON CANYON WASH; PASADENA VIC," MAPPED TO EATON WASH EAST OF PASADENA.
12	19130520	Proposed Threatened	None	S3S4		SSC	BLM_S; IUCN_NT	2 AIR MILES WEST OF SIERRA MADRE.	
13	19060914	Threatened	None	S2		SSC		ARROYO SECO, IN VICINITY OF PASADENA.	HISTORIC SPECIMENS COLLECTED FROM PASADENA ATTRIBUTED HERE.
14	18950711	Endangered	Endangered	S3				ARROYO SECO, WESTERN PASADENA.	MOST LOCATIONS STATED ONLY AS "PASADENA," ONE LOCATION STATED AS "ARROYO SECO, PASADENA." IT IS POSSIBLE THAT NESTS/EGGS WERE COLLECTED ALONG ARROYO SECO (AS), W OF PASADENA. MAPPED TO PORTION OF AS & NW EDGE OF PASADENA USING 1896 TOPO.
15	19020501	None	None	S1	1B.1			RIVERIA, LOS ANGELES.	EXACT LOCATION UNKNOWN. MAPPED BY CNDDDB AROUND PICO RIVERA; PROVANCE BELIEVES THAT 1902 DAVIDSON COLLECTION FROM "RIVERIA" IS ACTUALLY REFERRING TO PICO RIVERA.
16	19640318	None	None	S3	2B.1		SB_CalBG/RSAB G; SB_SBBG; USFS_S	ABOUT HALF WAY BETWEEN ROBERTS CANYON AND FISH CANYON.	EXACT LOCATION UNKNOWN. MAPPED BY CNDDDB AS A BEST GUESS AS A 1 MILE RADIUS FEATURE. LOCALITY INFORMATION IS SO VAGUE THAT THIS SITE MAY BE JUST OUTSIDE OF THE MAPPED RADIUS.
17	19310502	None	None	S3		SSC	BLM_S; IUCN_LC; USFS_S	2 MI W OF EL MONTE.	EXACT LOCATION UNKNOWN. MAPPED ACCORDING TO THE LAT/LONG COORDINATES GIVEN IN MANIS, WITH UNCERTAINTY OF 1609.344 M. INCLUDES LOCALITY "VALLEY BLVD, 1 MI W EL MONTE."
18	19581210	None	None	S3S4		SSC	BLM_S	ALTADENA.	EXACT LOCATION UNKNOWN. MAPPED ACCORDING TO LAT/LONG COORDINATES PROVIDED IN PIERSON AND RAINEY.

19	19101101	None	None	S3		SSC	BLM_S; IUCN_LC; USFS_S	PASADENA.	EXACT LOCATION UNKNOWN. "PASADENA" WAS GIVEN AS LOCALITY FOR EACH MUSEUM RECORD. MAPPED TO GENERAL AREA OF PASADENA.
20	193305XX	None	Candidate Endangered	S2			IUCN_EN	PASADENA.	EXACT LOCATION UNKNOWN. MAPPED BY CNDDDB IN THE GENERAL VICINITY OF PASADENA.
21	19010717	None	None	S2	1B.1		SB_CalBG/RSAB G	PASADENA.	EXACT LOCATION UNKNOWN. MAPPED AS BEST GUESS CENTERED ON PASADENA.
22	19080815	None	None	S2	2B.2			ARROYO SECO, PASADENA.	EXACT LOCATION UNKNOWN. MAPPED BY CNDDDB AS BEST GUESS IN VICINITY OF PASADENA.
23	194109XX	None	None	S3		SSC	USFS_S	PASADENA, LOS ANGELES COUNTY.	HISTORIC COLLECTIONS; UNKNOWN EXACTLY WHERE COLLECTED.
24	19450710	None	None	S4			IUCN_LC	PASADENA.	EXACT LOCATION UNKNOWN. "PASADENA" WAS GIVEN AS LOCALITY FOR EACH MUSEUM RECORD. MAPPED TO GENERAL AREA OF PASADENA.
25	190304XX	None	None	S1	1B.1		SB_CalBG/RSAB G; USFS_S	PASADENA.	EXACT LOCATION UNKNOWN. MAPPED AS BEST GUESS BY CNDDDB, IN THE VICINITY OF PASADENA.
26	19410803	None	None	S3S4		SSC	BLM_S	PASADENA.	EXACT LOCATION UNKNOWN. MAPPED TO GENERAL AREA OF PASADENA. SPECIMEN LOCATIONS GIVEN AS "PASADENA" AND "OLD CHURCH, PASADENA" (1941). THE "OLD CHURCH" MAY REFER TO ST. ANDREW'S CATHOLIC CHURCH AT 311 N. RAYMOND AVE, PASADENA.
27	18820502	None	None	S2	1B.1		BLM_S; SB_CalBG/RSAB G; SB_SBBG	PASADENA.	EXACT LOCATION UNKNOWN. MAPPED BY CNDDDB AS BEST GUESS CENTERED ON PASADENA.
28	18950417	None	None	S2		SSC	BLM_S; IUCN_LC; USFWS_BCC	PASADENA.	EXACT LOCATION UNKNOWN. "PASADENA" AND "NEAR PASADENA" WAS GIVEN AS LOCALITY FOR THE MUSEUM RECORDS. MAPPED TO GENERAL AREA OF PASADENA.
29	19171027	None	None	S2			IUCN_VU	PASADENA.	EXACT LOCATION UNKNOWN. MAPPED NON-SPECIFICALLY TO THE CITY OF PASADENA.
30	19180612	None	None	S4	4.2		SB_CalBG/RSAB G	HILLS EAST OF RUBIO CANYON, SAN GABRIEL MOUNTAINS.	UNDATED OBSERVATION BY G. BURLEIGH AT "EASTON CANYON" (SIC, PROBABLY REFERS TO EATON CANYON) IS ALSO ATTRIBUTED TO THIS SITE.
31	19780223	None	None	S3S4			IUCN_LC	LA CANADA.	MAPPED ACCORDING TO LAT/LONG COORDINATES PROVIDED BY MANIS, WITH UNCERTAINTY OF 3 MILES.
32	18980615	Endangered	Endangered	S3				VICINITY OF HIGHLAND PARK AND GARVANZA, SOUTHEAST OF EAGLE ROCK, LOS ANGELES.	EXACT LOCATION UNKNOWN. MAPPED GENERALLY TO PROVIDED LOCATION DESCRIPTION OF "HIGHLAND PARK, GARVANZA." FEATURE INCLUDES BOTH LOCATIONS AND PART OF ARROYO SECO.
33	19221128	None	None	S4			IUCN_LC	SAN GABRIEL.	EXACT LOCATION UNKNOWN. MAPPED AS BEST ESTIMATE CENTERED ON SAN GABRIEL.
34	19110403	None	None	S1	1B.1		SB_CalBG/RSAB G; USFS_S	ALHAMBRA AND SAN GABRIEL.	EXACT LOCATION UNKNOWN. MAPPED AS BEST GUESS BY CNDDDB.
35	18800410	None	Threatened	S4			BLM_S; IUCN_LC	SAN GABRIEL.	MAPPED GENERALLY TO SAN GABRIEL, PER SPECIMEN LOCALITY. EXACT COLLECTION LOCATION UNKNOWN.
36	19710917	None	None	S2			IUCN_VU	SAN GABRIEL.	EXACT LOCATION UNKNOWN. MAPPED NON-SPECIFICALLY TO THE CITY OF SAN GABRIEL.

37	XXXXXXX	Endangered	Endangered	S1	1B.1		SB_CalBG/RSAB G	PLAINS OF SAN GABRIEL.	EXACT LOCATION UNKNOWN, MAPPED AS BEST GUESS BY CNDDDB IN THE VICINITY OF THE COMMUNITY OF SAN GABRIEL. LOCALITY MAY INSTEAD BE REFERENCING THE PLANS SURROUNDING THE SAN GABRIEL RIVER.
38	19180723	None	None	S3S4		SSC	BLM_S	ALHAMBRA.	EXACT LOCATION UNKNOWN. MAPPED IN THE GENERAL VICINITY OF CENTRAL ALHAMBRA.
39	18890412	None	None	S2		SSC		ALHAMBRA.	LOCALITY GIVEN AS "ALHAMBRA." MAPPED TO VICINTIY OF ALHAMBRA, EXACT LOCATION UNKNOWN.
40	19180429	None	None	S1	1B.1		SB_CalBG/RSAB G; USFS_S	SIERRA MADRE.	EXACT LOCATION UNKNOWN. MAPPED AS BEST GUESS BY CNDDDB, IN THE VICINITY OF THE TOWN OF SIERRA MADRE.
41	19280413	None	None	S4			IUCN_LC	SIERRA MADRE.	MAPPED TO INCLUDE LAT/LONG COORDINATES PROVIDED BY MANIS, WITH NO UNCERTAINTY GIVEN.
42	19270224	None	None	S3		SSC	BLM_S; IUCN_LC; USFS_S	SIERRA MADRE.	EXACT LOCATION UNKNOWN. MAPPED IN THE VICINITY OF SIERRA MADRE. "VILLA SIERRA MADRE" INCLUDED HERE.
43	19131012	None	None	S3S4		SSC	BLM_S	SIERRA MADRE.	EXACT LOCATION UNKNOWN. MAPPED IN GENERAL VICINITY OF SIERRA MADRE.
44	191405XX	Proposed Threatened	None	S3S4		SSC	BLM_S; IUCN_NT	VCINITY OF SIERRA MADRE	COLLECTIONS FROM "SIERRA MADRE," EXACT LOCATIONS UNKNOWN.
45	19380630	None	Candidate Endangered	S2			IUCN_EN	EAGLE ROCK, LOS ANGELES.	EXACT LOCATION UNKNOWN. LOCALITIES DESCRIBED AS "EAGLE ROCK HILLSIDE PARK" AND "EAGLE ROCK HILL." MAPPED BY CNDDDB IN THE VICINITY OF THE COMMUNITY OF EAGLE ROCK.
46	19110528	Endangered	Endangered	S3				EAGLE ROCK VALLEY, BETWEEN GLENDALE AND PASADENA.	EXACT LOCATION UNKNOWN. MAPPED AS BEST GUESS TO PROVIDED LOCATION DESCRIPTION OF "EAGLE ROCK VALLEY; UPPER HAWK CANYON." USED 1896 USGS TOPOGRAPHIC MAP TO LOCATE HISTORIC EAGLE ROCK VALLEY, PRESENT DAY EAGLE ROCK TOWN.
47	18610103	None	None	S2	2B.2		SB_CalBG/RSAB G; USFS_S	MOUTH OF SANTA ANITA CANYON, SAN GABRIEL.	EXACT LOCATION UNKNOWN. COLLECTION LOATION IS "SAN GABRIEL," MAPPED AT MOUTH OF SANTA ANITA CANYON BASED ON COMMENTS FROM D. TAYLOR. D. COOPER SUGESTS THAT IT MAY HAVE BEEN COLLECTED ALONG RIO HONDO/SAN GABRIEL RIVER NEAR WHITTIER NARROWS.
48	19300705	None	None	S3		SSC	BLM_S; IUCN_LC; USFS_S	MONROVIA.	MAPPED ACCORDING TO LAT/LONG COORDINATES GIVEN IN MANIS, WITH UNCERTAINTY OF 4023.36 M. COORDINATES PLACE LOCATION A BIT NORTH OF CENTRAL MONROVIA, MOSTLY NORTH OF FOOTHILL BLVD.
49	19480610	None	None	S1	1B.1		SB_CalBG/RSAB G; USFS_S	LA CRESCENTA.	EXACT LOCATION UNKNOWN. MAPPED AS BEST GUESS BY CNDDDB, IN THE VICINITY OF LA CRESCENTA, APPROXIMATELY 1.5 MILES NW OF THE INTERSECTION OF THE GLENDALE FREEWAY AND HWY 210, NW OF PASADENA.
50	19340505	None	Candidate Endangered	S2			IUCN_EN	LA CRESCENTA.	EXACT LOCATION UNKNOWN. MAPPED BY CNDDDB IN THE VICINITY OF THE COMMUNITY OF LA CRESCENTA, NE OF BURBANK.
51	19160701	Endangered	Endangered	S1	1B.1		SB_CalBG/RSAB G	CRESCENTA (LA CRESCENTA).	MAPPED IN VICINITY OF LA CRESCENTA.
52	191709XX	None	None	S2	2B.2			CRESCENTA.	EXACT LOCATION UNKNOWN. MAPPED AS BEST GUESS AROUND LA CRESCENTA.

53	194XXXX	None	None	S3				ARROYO SECO, SOUTH PASADENA.	MAPPED THE VICINITY OF ARROYO SECO NEAR SOUTH PASADENA. ATTRIBUTED SPECIMEN COLLECTED FROM PASADENA.
54	19490601	None	None	S3		SSC	USFS_S	VICINITY OF THE TOWNS OF ALHAMBRA AND SAN GABRIEL, LOS ANGELES COUNTY.	MAPPED NON-SPECIFICALLY TO THE GENERAL AREA OF THE CITIES OF ALHAMBRA AND SAN GABRIEL IN THE VICINITY OF THE HISTORIC ALHAMBRA WASH.
55	2006XXXX	None	None	S2			IUCN_VU	LAGUNA.	EXACT LOCATION UNKNOWN. MAPPED NON-SPECIFICALLY TO HISTORICAL TOWN OF LAGUNA (NOW COMMERCE).
56	19031010	Threatened	None	S2		SSC		RUBIO CANYON, NORTH OF ALTADENA.	GIVEN LOCALITY "RUBIO WASH; SAN GABRIEL MTS," MAPPED TO RUBIO CANYON AND RUBIO WASH IN THE VICINITY SAN GABRIEL MOUNTAINS.
57	19310426	Proposed Threatened	None	S3S4		SSC	BLM_S; IUCN_NT	VICINITY OF DUARTE	GIVEN LOCALITY: "DUARTE," EXACT LOCATION UNKNOWN. MAY HAVE BEEN COLLECTED NEAR THE SAN GABRIEL RIVER.
58	19630930	Proposed Threatened	None	S3S4		SSC	BLM_S; IUCN_NT	VICINITY OF MONTEBELLO	GIVEN LOCALITY: "MONTIBELLO," EXACT LOCATION UNKNOWN. POSSIBLY FOUND ALONG RIO HONDO.
59	19720429	None	None	S4		SSC	BLM_S; IUCN_LC	ON ANGELES CREST HWY, 6 MI NE LA CANADA.	
60	190207XX	None	None	S2	1B.3		SB_CalBG/RSAB G	ARROYO SECO, NEAR GARVANZA.	MAPPED AS BEST GUESS IN THE VICINITY OF GARVANZA.
61	190205XX	None	None	S1	1B.1		SB_CalBG/RSAB G; USFS_S	GARVANZA.	EXACT LOCATION UNKNOWN. MAPPED AS BEST GUESS BY CNDDDB, IN THE VICINITY OF GARVANZA.
62	1911XXXX	None	None	S4		SSC	BLM_S; IUCN_LC	MILLARD CANYON, NORTH OF PASADENA.	
63	19740407	None	Candidate Endangered	S2			IUCN_EN	MILLARD CANYON, NORTH OF ALTADENA AND PASADENA.	
64	197408XX	None	None	S4		SSC	BLM_S; IUCN_LC	MONTEREY PARK (MONTEREY HILLS), 1 MI SE OF CSULA.	
65	19761027	None	None	S2			IUCN_VU	EATON CANYON NATURAL AREA, ALTADENA.	EXACT LOCATION UNKNOWN. MAPPED NON-SPECIFICALLY TO LOCATION STATED AS "EATON CANYON NATURAL AREA".
66	197004XX	None	Candidate Endangered	S2			IUCN_EN	EATON CANYON, ALTADENA, SAN GABRIEL MOUNTAINS.	EXACT LOCATION UNKNOWN. COLLECTION LOCALITIES DESCRIBED AS "EATON CANYON NATURAL AREA," "EATON CANYON, ALTADENA, SAN GABRIEL MOUNTAINS," AND SIMPLY AS "ALTADENA." MAPPED BY CNDDDB AS A BEST GUESS NEAR EATON CANYON NATURAL AREA.
67	1994XXXX	None	None	S3	4.3			LOWER EATON CANYON AND NORTH CRAIG AVE, ALTADENA.	EXACT LOCATION(S) UNKNOWN. MAPPED AS BEST GUESS BY CNDDDB IN GENERAL VICINITY OF EATON CANYON PARK AND THE NORTHERN END OF N CRAIG AVE.
68	1969XXXX	None	None	S4		SSC	BLM_S; IUCN_LC	EATON CANYON PARK, PASADENA.	
69	19540715	None	None	S4		SSC	BLM_S; IUCN_LC	3 MI SE OF SAN GABRIEL.	1954 LOCALITY GIVEN AS "3 MI SE SAN GABRIEL." 1953 TOPO USED TO DETERMINE LOCATION OF SAN GABRIEL CITY CENTER CIRCA 1954.
70	19320415	None	None	S3		SSC	BLM_S; IUCN_LC; USFS_S	EL MONTE.	EXACT LOCATION UNKNOWN. MAPPED IN THE GENERAL VICINITY OF EL MONTE.
71	19061229	Threatened	None	S2		SSC		VICINITY OF EL MONTE	

72	19230519	Endangered	Endangered	S3				EL MONTE.	LOCATION STATED AS "EL MONTE." MAPPED GENERALLY TO THE AREA OF EL MONTE AND MVZ COORDINATES WITH A 2.8 MILE ERROR. NEST MAY HAVE BEEN DISCOVERED ALONG RIO HONDO JUST EAST OF DOWNTOWN EL MONTE.
73	XXXXXXX	None	None	S3	1B.2		SB_CalBG/RSAB G; USFS_S	EL MONTE, SAN GABRIEL VALLEY.	ELEVATION 300 FEET.
74	XXXXXXX	None	None	SH	2B.2			EL MONTE.	EXACT LOCATION UNKNOWN, MAPPED BY CNDDDB IN GENERAL VICINITY OF EL MONTE.
75	19330803	None	None	S4		SSC	BLM_S; IUCN_LC	0.5 MI W SANTA ANITA CANYON, ABOUT 3.6 MILES N OF SANTA ANITA.	GIVEN LOCALITY IS "0.5 MI W SANTA ANITA CANYON, NW SANTA ANITA." EXACT COLLECTION LOCATION UNKNOWN.
76	19280209	None	None	S3	4.3			ON TRAIL BETWEEN SANTA ANITA CANYON AND SIERRA MADRE, SAN GABRIEL MOUNTAINS.	EXACT LOCATION UNKNOWN. MAPPED BY CNDDDB IN VICINITY BETWEEN GIVEN CANYONS.
77	19350318	None	None	S1	1B.1		SB_CalBG/RSAB G	SAN GABRIEL RIVER, 2 MILES EAST OF EL MONTE.	EXACT LOCATION UNKNOWN, MAPPED BY CNDDDB AS A BEST GUESS.
78	19490917	None	None	S4		SSC	BLM_S; IUCN_LC	SAN DIMAS WASH, VICINITY OF COVINA.	MAPPED TO 1949 SPECIMEN LOCALITY, "SAN DIMAS WASH, 1 MI W COVINA." USED 1953 TOPO MAP TO DETERMINE LOCATION AND EXTENT OF TOWN OF COVINA CIRCA 1949.
79	195105XX	Threatened	Endangered	S1			BLM_S; USFS_S	SAN GABRIEL RIVER, NEAR EL MONTE.	SPECIMEN LOCALITIES GIVEN AS "EL MONTE." AUDUBON FIELD NOTES GIVES LOCATION AS "SAN GABRIEL WILDLIFE SANCTUARY," NOW KNOWN AS WHITTIER NARROWS NATURE CENTER/RECREATION AREA. MAPPED TO INCLUDE RIVER FROM EL MONTE TO WHITTIER NARROWS.
80	19270724	None	None	S1	1B.1		SB_CalBG/RSAB G; USFS_S	1/2 EAST OF MONTROSE.	EXACT LOCATION UNKNOWN. MAPPED AS BEST GUESS ABOUT 0.5 MILE EAST OF MONTROSE.
81	19620519	None	None	S3		SSC	USFS_S	VICINITY OF LIDA ST / LINDA VISTA RD, SAN RAFAEL HILLS, PASADENA.	LOCATION OF COLLECTION UNCERTAIN. SPECIMEN LOCALITY GIVEN AS "HILLS OF PASADENA" AND NOTED "CAUGHT BY ROADCREW MEMBER." INTERPRETED AS THE HILLS WEST OF DOWNTOWN PASADENA, SAN RAFAEL HILLS & MAPPED GENERALLY TO THE MAIN ROAD OVER THE HILLS.
82	19280510	Threatened	None	S2		SSC		SANTA ANITA WASH NEAR ARCADIA.	HISTORIC SPECIMENS COLLECTED FROM ARCADIA, SIERRA MADRE AND MONROVIA ATTRIBUTED HERE. EXACT LOCATIONS UNKNOWN; POSSIBLY COLLECTED FROM SANTA ANITA WASH.
83	1935XXXX	None	None	S2.2				ARCADIA, BOTH SIDES OF FOOTHILL BLVD.	EXTIRPATED AS NATURAL COMMUNITY BY URBANIZATION OF 1978 AERIAL PHOTOS. BOUNDARY REPRESENTS 1978 EXTENT.
84	19200512	Endangered	Endangered	S1	1B.1		SB_CalBG/RSAB G	SANTA ANITA WASH, SOUTH BASE OF SAN GABRIEL MOUNTAINS.	MAPPED AROUND THE PORTION OF SANTA ANITA WASH AROUND 700 FEET BASED ON INFORMATION FROM A 1920 PEIRSON COLLECTION.
85	19330523	Endangered	Endangered	S2		WL	IUCN_EN; USFS_S	LITTLE SANTA ANITA CANYON, 1.5 MILES NORTH OF SIERRA MADRE, SAN GABRIEL MOUNTAINS.	MAPPED BY CNDDDB AS A BEST GUESS BASED ON COLLECTION LOCALITIES DESCRIBED AS "1.5 MI N SIERRA MADRE", "LITTLE SANTA ANITA CANYON" AND "SIERRA MADRE CANYON."
86	19200430	Endangered	Endangered	S1	1B.1		SB_CalBG/RSAB G	ARROYO SECO.	EXACT LOCATION UNKNOWN. MAPPED AS BEST GUESS IN VICINITY OF ARROYO SECO AT 1100 FEET IN ELEVATION BASED ON INFORMATION ON COLLECTION LABEL.
87	19040911	None	None	S3		SSC		ARROYO SECO, PASADENA.	MAPPED AT THE LAT-LONG COORDINATES GIVEN BY MANIS WHICH IS IN ARROYO SECO JUST SOUTH OF DEVILS GATE RESERVOIR. LOCATION UNCERTAINTY GIVEN AS 8046.72 M (5 MILES).
88	19010407	None	None	S1	1B.1		SB_CalBG/RSAB G; USFS_S	DEVILS GATE.	EXACT LOCATION UNKNOWN. MAPPED AS BEST GUESS BY CNDDDB, IN THE VICINITY OF DEVILS GATE RESERVOIR, EAST OF LA CANADA/FLINTRIDGE.

89	19270322	Endangered	Endangered	S1	1B.1		SB_CalBG/RSAB G; SB_SBBG	DEVILS GATE IN ARROYO SECO, PASADENA.	PERSONAL COMMUNICATION BETWEEN KNUDSEN TO HOWARD IN 1977 INDICATES THAT AN OCCURRENCE OF THE PLANT IN "ARROYO SECO, NEAR PASADENA" WAS STILL EXTANT IN 1976; COULD BE REFERRING TO EO #8, 9, OR 13.
90	19420705	None	None	S3		SSC	USFS_S	LA CANADA, NORTH END OF THE SAN RAFAEL MOUNTAINS AND EAST OF THE VERDUGO MOUNTAINS.	MAPPED NON-SPECIFICALLY TO THE SITE OF LA CANADA, OR "LA CANYADA," SHOWN ON TOPO MAPS FROM 1928 AND EALIER.
91	19780919	None	None	S4				SAWPIT CANYON AND TRIBUTARIES FROM NORTH OF DEER PARK DOWNSTREAM JUST BEYOND SPANISH CANYON.	EXTANT 1978 PER INTERPRETATION OF AERIAL PHOTOS.
92	19780919	None	None	S4				LAS FLORES CANYON, NORTH OF ALTADENA.	EXTANT, 1978, PER AERIAL PHOTO INTERPRETATION.
93	20110909	Endangered	Endangered	S3				VICINITY OF WHITTIER NARROWS RECREATION AREA AND NATURE CENTER (WNRA), ALONG THE SAN GABRIEL RIVER AND RIO HONDO.	1985, 1999, 2001, 2002 AT 20-AC POND IN WNRA, & NEAR RIO HONDO (RH) IN 2001. 2002, 2003, 2005, 2007: RIVER SURVEYED, BEVERLY BVD TO WHITTIER NARROWS DAM. 2007, 2009-11: RH & WNRA SURVEY SITES ADDED; MISSION CRK (E TRIB OF RH) ADDED POST 09.
94	20160226	Threatened	None	S2		SSC		MONTEBELLO HILLS OIL FIELD, 1 MI SW OF STATE HWY 60 & STATE HWY 19 (ROSEMEAD BLVD), MONTEBELLO.	
95	19780919	None	None	S4				FISH CANYON, NORTH OF AZUSA.	EXTANT 1978 ACCORDING TO AERIAL PHOTO INTERPRETATION. FORMERLY D/S NOW A GRAVEL PIT.
96	19850923	None	None	S1.1				SANTA FE FLOOD CONTROL BASIN, SAN GABRIEL RIVER, WEST OF AZUSA, EAST OF MONROVIA.	
97	1935XXXX	None	None	S4				FLINTRIDGE, TRIBUTARIES TO DEVILS GATE RESERVOIR, BETWEEN FOOTHILL FREEWAY & CERRO NEGRO.	URBANIZED ACCORDING TO INTERPRETATION OF 1978 AERIAL PHOTOS. COMMUNITY EXTIRPATED.
98	193010XX	Endangered	Endangered	S2		WL	IUCN_EN; USFS_S	EATON CANYON, NEAR PASADENA, SAN GABRIEL MOUNTAINS.	EXACT LOCATION UNKNOWN. MAPPED BY CNDDDB NON-SPECIFICALLY ALONG THE ENTIRE LENGTH OF EATON CANYON.
99	19291020	None	None	S2	2B.2			EATON CANYON, MT. WILSON.	EXACT LOCATION UNKNOWN. MAPPED BY CNDDDB AS BEST GUESS ALONG THE ENTIRE LENGTH OF EATON CANYON.
100	1907XXXX	None	None	S2	2B.2		USFS_S	EATON CANYON, SAN GABRIEL MOUNTAINS.	EXACT LOCATION UNKNOWN. MAPPED BY CNDDDB AS BEST GUESS ALONG THE MAIN PORTION OF EATON CANYON.
101	192306XX	None	None	S3				ARROYO SECO, SAN GABRIEL MOUNTAINS, NORTH OF THE CITY OF LA CANADA FLINTRIDGE.	GIVEN LOCALITY DESCRIBED AS ARROYO SECO CANYON, SAN GABRIEL MOUNTAINS. MAPPED NON-SPECIFICALLY TO ARROYO SECO ALONG ROAD/TRAIL (PRESENT DAY GABRIELINO TRAIL) SHOWN ON 1939 MT LOWE 1:24000 TOPO MAP.
102	19780919	None	None	S4				EATON CANYON, NORTH OF ALTADENA.	EXTANT, 1978, PER AERIAL PHOTO INTERPRETATION.

103	19380305	None	None	S1	1B.1		SB_CalBG/RSAB G; USFS_S	NORTH CRAIG AVENUE, EATON CANYON, ALTADENA.	EXACT LOCATION UNKNOWN. MAPPED AS BEST GUESS BY CNDDDB JUST NORTH OF THE NORTH END OF CRAIG AVENUE. INCLUDES FORMER OCCURRENCE #31.
104	19230406	Proposed Threatened	None	S3S4		SSC	BLM_S; IUCN_NT	VICINITY OF ALTADENA TOWN AND COUNTRY CLUB, ALTADENA.	STORER VISITED CEMENT LINED RESERVOIRS ON A GOLF COURSE IN ALTADENA. LIKELY REFERS TO ALTADENA TOWN AND COUNTRY CLUB WHICH WAS ESTABLISHED IN 1910.
105	19080425	Endangered	Endangered	S2		WL	IUCN_EN; USFS_S	ALONG BIG SANTA ANITA WASH, NEAR THE DEBRIS BASIN, NORTHERN PART OF ARCADIA, BASE OF SAN GABRIEL MOUNTAINS.	MAPPED BY CNDDDB ACCORDING TO LOCALITY DESCRIPTION OF "NEAR SIERRA MADRE, BIG SANTA ANITA WASH" AT 800 FOOT ELEVATION.
106	19190521	None	None	S2	1B.1		BLM_S; SB_CalBG/RSAB G; USFS_S	ARROYO SECO, SAN GABRIEL MOUNTAINS.	COLLECTED AT 1250' ELEVATION IN ARROYO SECO. EXACT LOCATION UNKNOWN. MAPPED BY CNDDDB AS BEST GUESS IN VICINITY OF "BENCHMARK 1240" IN ARROYO SECO WHICH IS CLOSE TO THE ELEVATION ON COLLECTION LABEL.
107	20130617	Endangered	Endangered	S3				IN HAHAMONGNA WATERSHED PARK, N OF I-210, BETWEEN ATADENA AND LA CANADA FLINTRIDGE, PASADENA.	MAPPED WITH RESPECT TO PROVIDED COORDINATES OF SIGHTINGS AND TO GENERAL AREA OF PARK. LOCATION DESCRIPTION WAS "DEVIL'S GATE RESERVOIR/HAHAMONGA WATERSHED PARK, IN THE CITY OF PASADENA BETWEEN ALTADENA AND LA CANADA FLINTRIDGE, N OF I-210."
108	19100401	None	None	S1	1B.2		SB_CalBG/RSAB G; USFS_S	SAWPIT CANYON, MONROVIA, BASE OF SAN GABRIEL MOUNTAINS.	MAPPED BY CNDDDB AS BEST GUESS AROUND THE PORTION OF SAWPIT CANYON AT THE GIVEN ELEVATION OF 1400 FEET.
109	19860407	None	None	S2	1B.1		BLM_S; SB_CalBG/RSAB G; USFS_S	BETWEEN GRAVEL PIT AND SAN GABRIEL RIVER CHANNEL, NEAR JUNCTION OF FOOTHILL BLVD AND IRWINDALE AVE, CITY OF IRWINDALE.	EXACT LOCATION UNKNOWN. MAPPED AS BEST GUESS BY CNDDDB TO ENCOMPASS FLOODPLAIN AREA BETWEEN GRAVEL PITS AND RIVER CHANNEL ON THE SOUTHEAST SIDE OF THE RIVER, JUST WEST OF GIVEN ROAD JUNCTION.
110	20010712	None	None	S3		SSC		SW PORTION OF THE SANTA FE FLOOD CONTROL BASIN, SOUTH OF THE INTERSECTION OF I-210 AND I-605, IRWINDALE.	
111	20010712	None	None	S4		SSC	BLM_S; IUCN_LC	SW PORTION OF THE SANTA FE FLOOD CONTROL BASIN, SOUTH OF THE INTERSECTION OF I-210 AND I-605, IRWINDALE.	
112	20010712	None	None	S4		SSC	IUCN_LC	SW PORTION OF THE SANTA FE FLOOD CONTROL BASIN, SOUTH OF THE INTERSECTION OF I-210 AND I-605, IRWINDALE.	DETECTED ALONG PERIMETER OF WILLOW SCRUB, USUALLY IN STANDS OF MULEFAT.
113	20010712	None	None	S3S4				SW PORTION OF THE SANTA FE FLOOD CONTROL BASIN, SOUTH OF THE INTERSECTION OF I-210 AND I-605, IRWINDALE.	
114	20010712	None	None	S4		WL	IUCN_LC	SW PORTION OF THE SANTA FE FLOOD CONTROL BASIN, SOUTH OF THE INTERSECTION OF I-210 AND I-605, IRWINDALE.	
115	XXXXXXX	None	None	S2	1B.1		BLM_S; SB_CalBG/RSAB G; USFS_S	NORTH OF SACRED HEART HIGH SCHOOL, CITY OF LA CANADA FLINTRIDGE.	SITE ACCESSED VIA INVERNESS DR AND HAVERSTOCK RD TO THE N, ST KATHERINE DR TO THE E, AND PALMERSTONE DR TO THE S. EXACT LOCATION UNKNOWN; MAPPED BY CNDDDB TO ENCOMPASS AREA BOUNDED BY ROADS GIVEN IN SITE DESCRIPTION.
116	XXXXXXX	None	None	S2	2B.2		USFS_S	NORTH OF SACRED HEART HIGH SCHOOL, CITY OF LA CANADA FLINTRIDGE.	SITE ACCESSED VIA INVERNESS DR AND HAVERSTOCK RD TO THE N, ST KATHERINE DR TO THE E, AND PALMERSTONE DR TO THE S. EXACT LOCATION UNKNOWN; MAPPED BY CNDDDB TO ENCOMPASS AREA BOUNDED BY ROADS GIVEN IN SITE DESCRIPTION.
117	19130615	None	None	S4	4.2		SB_CalBG/RSAB G	AMMANDALE, SOUTHEAST SHOULDER OF POPPY PEAK.	EXACT LOCATION UNKNOWN. MAPPED BY CNDDDB AS BEST GUESS.
118	19310731	None	None	S2	1B.1		SB_CalBG/RSAB G; SB_CRES; SB_SBBG	EAST LOS ANGELES, TELEGRAPH ROAD NEAR SANTA FE RAILROAD CROSSING.	MAPPED EAST OF THE SANTA ANA FREEWAY (I-5) AT GARFIELD AVE NEAR THE ATCHISON, TOPEKA AND SANTA FE TRACKS, CITY OF COMMERCE.

119	1951XXX	None	None	S2	1B.1		SB_CalBG/RSAB G; SB_CRES; SB_SBBG	ALTADENA NEAR LOS ANGELES, 1085 NEW YORK DRIVE.	MAPPED ALONG THE "1000" BLOCK OF NEW YORK DRIVE, JUST EAST OF LAKE AVE. THIS SECTION OF NEW YORK DRIVE HAS BEEN HEAVILY DEVELOPED IN TRACT HOMES AND CITY STREETS ACC TO GARDINER (1997).
120	19780919	None	None	S4				LITTLE SANTA ANITA CANYON, NORTH OF SIERRA MADRE, U/S OF RESERVOIR.	EXTANT, 1978, PER AERIAL PHOTO INTERPRETATION.
121	1980XXX	None	None	S1.1				SANTA ANITA CANYON, NEAR ARCADIA.	BOUNDARY AND VEG COMPOSITION FROM WIESLANDER SURVEY.
122	19590720	Endangered	Endangered	S2		WL	IUCN_EN; USFS_S	SANTA ANITA CANYON, SAN GABRIEL MOUNTAINS.	COLLECTED FROM SANTA ANITA CANYON AT FALLS; AT HERMITS CAMP; 1.5 MI ABOVE HERMITS CAMP; 1/2 MI N OF WINTER CREEK; 1/2 MI N OF CASCADE PUBLIC CAMP; & ABOVE GIRL SCOUT CAMP AT WINGLES CRK; MAPPED FROM SANTA ANITA RESERVOIR TO STURTEVANT CAMP.
123	19301211	None	None	S2	2B.2		USFS_S	SANTA ANITA CANYON, SAN GABRIEL MOUNTAINS.	EXACT LOCATION UNKNOWN. MAPPED BY CNDDDB AS BEST GUESS ALONG THE MAIN PORTION OF SANTA ANITA CANYON.
124	19480208	None	None	S4			IUCN_LC	SANTA ANITA CANYON.	EXACT LOCATION UNKNOWN. MAPPED AS BEST ESTIMATE TO INCLUDE ENTIRE CANYON.
125	19780919	None	None	S4				PICKENS, SUTTON & MULLALLY CANYONS, NORTH OF LA CRESCENTA.	EXTANT, 1978, PER AERIAL PHOTO INTERPRETATION.
126	1935XXX	None	None	S1.1				SAWPIT WASH, FROM NEAR CONFLUENCE WITH RUBY CANYON DOWNSTREAM TO VICINITY OF HUNTING DRIVE.	
127	19320306	Endangered	Endangered	S2		WL	IUCN_EN; USFS_S	MONROVIA CANYON, NORTH OF MONROVIA, SAN GABRIEL MOUNTAINS.	COLLECTION LOCALITY DESCRIBED ONLY AS MONROVIA CANYON, LOS ANGELES COUNTY. MAPPED BY CNDDDB NON-SPECIFICALLY ALONG THE LENGTH OF THE CANYON.
128	19600403	None	None	S3				MONROVIA CANYON, NORTH OF MONROVIA, SAN GABRIEL MOUNTAINS.	COLLECTION LOCALITIES GIVEN AS "MONROVIA CANYON," "ABOVE PICNIC GROUNDS, MONROVIA CANYON," AND "NEAR MONROVIA." MAPPED NON-SPECIFICALLY BY CNDDDB TO ENTIRE CANYON.
129	19780919	None	None	S4				VAN TASSEL CANYON AND TRIBUTARY FROM WEST, NORTH OF IRWINDALE.	DOWNSTREAM END NOW A GRAVEL PIT.
130	20190703	None	None	S2			IUCN_VU	VICINITY OF WHITTIER NARROWS RECREATION AREA AND NATURE CENTER ALONG THE SAN GABRIEL RIVER, 1.2 MI W OF CA-60 AT I-605.	MAPPED AS A TWO PART POLYGON TO THE PROVIDED COORDINATES. COLLECTION WITH LOCALITY OF "WHITTIER NARROWS" ALSO ATTRIBUTED TO THIS LOCATION.
131	19610126	None	None	S3		SSC	USFS_S	ALONG SANTA ANITA AVENUE, ARCADIA.	UNKNOWN WHERE EXACTLY ALONG SANTA ANITA AVE. AT THE TIME, IT MAY HAVE BEEN POSSIBLE TO FIND ANNIELLA NEAR THE HIGH SCHOOL, GOLF COURSE, OR MAYBE THE FAR NORTH END NEAR THE MOUNTAINS; ALTHOUGH, ANNIELLA HAVE BEEN IN RESIDENTIAL YARDS TOO.
132	1935XXX	None	None	S4				SCHOLL CANYON SOUTH OF FLINT PEAK.	NOW URBANIZED AS INTERPRETED FROM 1978 AERIALS.
133	19411113	None	None	S3				MILLARD CANYON, NORTH OF ALTADENA.	COLLECTION LOCALITIES DESCRIBED AS LOWER MILLARD CANYON AND MILLARDS CANYON. MAPPED NON-SPECIFICALLY BY CNDDDB FROM CANYON MOUTH TO VICINITY OF MILLARD CANYON PICNIC AREA.
134	197606XX	None	None	S3		SSC	USFS_S	MILLARD CANYON, SW SIDE OF THE SAN GABRIEL MOUNTAINS, ALTADENA.	EXACT LOCATION OF COLLECTION UNKNOWN. MAPPED NON-SPECIFICALLY TO MILLARD CANYON NEAR MILLARD PICNIC AREA.

135	19170923	None	None	S2	1B.3		SB_CalBG/RSAB G	EL PRIETO CANYON, SAN GABRIEL MOUNTAINS.	MAPPED FROM COLLECTION AT "NEGRO CANYON NEAR PASADENA" (= EL PRIETO CANYON). NO ELEVATION PROVIDED, SO MAPPED ALONG LENGTH OF ENTIRE CANYON.
136	19780919	None	None	S4				RUBIO & CASTLE CANYONS, NORTH OF ALTADENA.	EXTANT, 1978, PER AERIAL PHOTO INTERPRETATION.
137	19150906	None	None	S2	1B.3		SB_CalBG/RSAB G	SPANISH CANYON, SAN GABRIEL MOUNTAINS.	NO ELEVATION PROVIDED, SO MAPPED ALONG LENGTH OF ENTIRE CANYON.
138	19200622	None	None	S2	1B.1		SB_CalBG/RSAB G; SB_CRES; SB_SBBG	ALONG VALLEY BOULEVARD AT BASSETT.	MAPPED BY CNDDDB AS BEST GUESS ALONG THE PORTION OF VALLEY BOULEVARD NEAR BASSETT.
139	20160609	None	None	S2	2B.2		USFS_S	MONROVIA CANYON; FROM 1/8 MILE BELOW FIRST FALLS TO 1/2 MILE ABOVE SECOND FALLS, NORTH OF MONROVIA, SAN GABRIEL MTNS.	MAPPED ACCORDING TO ABOVE COLLECTION LOCATION INFORMATION FROM KIEFER; BASED ON FALLS ON THE TOPO MAP, FROM NEAR THE FIRST FALLS ABOUT 2 MILES UPSTREAM FROM MOUTH OF THE CANYON TO BEYOND THE SECOND FALLS ABOUT 0.75 MILE FURTHER UPSTREAM.
140	19230520	None	None	S3		SSC	USFS_S	ALONG EATON WASH JUST EAST OF ALTADENA, AT BASE OF THE SAN GABRIEL MOUNTAINS.	MAPPED NON-SPECIFICALLY TO ABOUT 1.4 MILES OF EATON WASH FROM THE GAGING STATION AT THE MOUTH OF EATON CANYON SOUTH TO NEAR EATON CANYON NATURE CENTER JUST NORTH OF NEW YORK DRIVE.
141	19310925	None	None	S2	1B.3		SB_CalBG/RSAB G	DARK CANYON, SAN GABRIEL MOUNTAINS.	NO ELEVATION PROVIDED, SO MAPPED BY CNDDDB ALONG THE ENTIRE EXTENT OF DARK CANYON.
142	19780919	None	None	S4				BLISS AND BRADBURY CANYONS ABOVE THE DEBRIS BASIN, NORTH OF DUARTE.	MAPPED PER INTERPRETATION OF 1978 AERIAL PHOTOS.
143	19780919	None	None	S4				HALL BECKLEY CANYON, EAST OF LA CRESCENTA.	1978 EXTENT MAPPED FROM INTERPRETATION OF AERIAL PHOTOS.
144	20010712	Endangered	Endangered	S3				SW PORTION OF THE SANTA FE FLOOD CONTROL BASIN, ABOUT 1.3 MILES SSW OF THE INTERSECTION OF I-210 AND I-605, IRWINDALE.	MAPPED TO THE PROVIDED MAP LOCATIONS. 2000: MALES LOCATED ON BOTH SIDES OF TRAINING CHANNEL. 2001: 5 PAIRS WEST OF TRAINING CHANNEL, 2 (OR 3?) PAIRS EAST OF TRAINING CHANNEL. DENDROICA PETECHIA BREWSTERI DETECTED IN VICINITY.
145	20170629	Threatened	None	S2		SSC		N SIDE OF SR 60 FROM ABOUT 0.1-1.1 MI W OF PARAMOUNT BLVD OVERPASS, & S SIDE OF SR 60, 1.1 MI WSW OF THE OVERPASS, L.A.	AREA NORTH OF HIGHWAY KNOWN AS MESA 500KV SUBSTATION SITE. AREA SOUTH OF HIGHWAY KNOWN AS OIL LANDFILL SITE. OCCURRENCE IS BISECTED BY HIGHWAYS AND SURROUNDED BY DEVELOPMENT.
146	19780919	None	None	S4				BAILEY CANYON, NORTH OF SIERRA MADRE.	
147	19780919	None	None	S4				INTERMITTENT STREAM TO NORTH OF KINNELOA CANYON ROAD (KINNELOA CYN?) & TRIBUTARY TO WEST.	MAPPED PER INTERPRETATION OF 1978 AERIAL PHOTOS. EXTENDED FARTHER D/S AT TIME OF WIESLANDER SURVEY.
148	20200905	None	None	S2			IUCN_VU	LOS ANGELES COUNTY ARBORETUM & BOTANIC GARDEN, ABOUT 1.2 MI ESE OF WALNUT ST AT CA-19, SANTA ANITA.	MAPPED NON-SPECIFICALLY TO PROVIDED COORDINATES.
149	20150625	None	None	S2	1B.2		SB_CalBG/RSAB G; USFS_S	FISH CANYON, FROM GAGING STATION UPSTREAM TO LARGE FALLS, SAN GABRIEL MOUNTAINS ABOVE AZUSA.	MAPPED ALONG FISH CANYON IN THE EAST 1/2 OF SECTION 16 EXTENDING INTO THE SE 1/4 OF THE SE 1/4 OF SECTION 9, BASED ON A 1986 HOSHOVSKY MAP.

150	19780919	None	None	S4				EATON PARK GOLF COURSE, PASADENA.	EXTIRPATED THROUGH URBANIZATION.
151	19920513	None	None	S1	1B.1		SB_CalBG/RSAB G; USFS_S	SANTA FE DAM, 15501 E ARROW HIGHWAY, 0.5 MILE NE OF PARK OFFICE, IRWINDALE.	WITHIN SANTA FE DAM RECREATION AREA. MAPPED AS BEST GUESS ABOUT 0.5 AIR MILE NE OF 15501 E ARROW HIGHWAY.
152	20160621	None	None	S3		SSC	USFS_S	VICINITY OF THE ROSE BOWL STADIUM, PASADENA.	
153	19510512	None	None	SX	1A			RIO HONDO RIVER BOTTOM, 100 YARDS SOUTH OF PACIFIC ELECTRIC RAILROAD TRACKS 1 MILE WEST OF EL MONTE.	MAPPED BY CNDDDB AS BEST GUESS BASED ON LOCATION DESCRIPTION.
154	19670616	None	None	S1	1B.1		SB_CalBG/RSAB G; USFS_S	NORTH SIDE OF SUNSET RIDGE UNDER POWERLINE, MILLARD CANYON.	MAPPED AS BEST GUESS AROUND THE PORTION OF SUNSET RIDGE NEAR MILLARD CANYON AND UNDER THE POWERLINES. IN THE WEST 1/2 OF SECTION 33.
155	19720213	None	None	S3S4		SSC	BLM_S	EAGLE ROCK.	MAPPED ACCORDING TO LAT/LONG COORDINATES PROVIDED IN PIERSON AND RAINEY.
156	19600528	None	None	S4	4.2		SB_CalBG/RSAB G	HILL ABOVE 1003 WEST HILLCREST BLVD, MONROVIA.	
157	20030528	None	None	S4		SSC		ARROYO SECO, 0.5 MILE NORTH OF CALIFORNIA INSTITUTE OF TECHNOLOGY (JPL), 4.5 MILES NNW OF PASADENA.	
158	19360910	Endangered	Endangered	S2		WL	IUCN_EN; USFS_S	ARROYO SECO, 0.5 MILE NORTH OF CALIFORNIA INSTITUTE OF TECHNOLOGY (JPL), 4.5 MILES NNW OF PASADENA.	SPECIMENS FROM "ARROYO SECO" & "ARROYO SECO CANYON." CAMP DECLARED MVZ #771 AS THE HOLOTYPE AND STATED THAT IT WAS COLLECTED FROM "ARROYO SECO CANYON, AT ABOUT 1300 FEET ALTITUDE, NEAR PASADENA, CALIFORNIA." GRINNELL WAS A MENTOR TO CAMP.
159	19670402	None	None	S2	2B.2		USFS_S	FERN CANYON, TRIBUTARY OF ARROYO SECO, ~1/4 MILE FROM CONFLUENCE, NORTH OF ALTADENA, SAN GABRIEL MOUNTAINS.	EXACT LOCATION UNKNOWN. MAPPED AS BEST GUESS BY CNDDDB ALONG FERN CANYON AROUND 0.25 MILE FROM ITS CONFLUENCE WITH ARROYO SECO.
160	19480718	None	None	S3		SSC	USFS_S	VICINITY OF DEBRIS BASINS JUST NORTH OF LOMA ALTA DR AT GLENROSE AVE, CHIQUITA CANYON, ALTADENA.	
161	20180527	None	None	S3				VICINITY OF CHANTRY FLAT, ANGELES NATIONAL FOREST, ABOUT 2 MILES NE OF THE CITY OF SIERRA MADRE.	
162	19610325	Endangered	Endangered	S1	1B.1		SB_CalBG/RSAB G; SB_SBBG	1 MILE NORTH OF PASADENA FREEWAY, ARROYO SECO, PASADENA.	EXACT LOCATION UNKNOWN. MAPPED BY CNDDDB AS BEST GUESS ABOUT 1 MILE NORTH OF PASADENA FREEWAY.
163	19710615	Proposed Threatened	None	S3		SSC	BLM_S; IUCN_VU; USFS_S	MILLARD CANYON, NEAR MILLARD CANYON PICNIC AREA, ANGELES NATIONAL FOREST.	BETWEEN BROWN MTN RD AND FALLS.
164	190109XX	None	None	SX	1A			OAK KNOLL, PASADENA.	EXACT LOCATION UNKNOWN. MAPPED BY CNDDDB IN THE VICINITY OF OAK KNOLL.

165	196503XX	Proposed Threatened	None	S3		SSC	BLM_S; IUCN_VU; USFS_S	MONTEREY PARK; GULLY DRAINAGE AREA S OF ORANGE AVE.	
166	19540531	Proposed Threatened	None	S3		SSC	BLM_S; IUCN_VU; USFS_S	ALHAMBRA WASH-RIO HONDO JUNCTION, WHITTIER NARROWS DAM COUNTY PARK RECREATIONAL AREA.	
167	1935XXXX	None	None	S2.2				ARCADIA, ARBORETUM OF LOS ANGELES COUNTY, WEST OF SANTA ANITA PARK.	EXTIRPATED PER INTERPRETATION OF 1978 AERIAL PHOTOS.
168	1987XXXX	Proposed Threatened	None	S3		SSC	BLM_S; IUCN_VU; USFS_S	WHITTIER NARROWS NATURE CENTER, SAN GABRIEL RIVER.	
169	197710XX	Proposed Threatened	None	S3		SSC	BLM_S; IUCN_VU; USFS_S	SAN GABRIEL RIVER NEAR MTN VIEW HIGH SCHOOL.	
170	1984XXXX	Endangered	Endangered	S3				GRAVEL PIT AT IRWINDALE, JUST N OF WEST COVINA.	
171	1975XXXX	Endangered	Endangered	S3				MOUTH OF VAN TASSEL CANYON, TRIBUTARY TO SAN GABRIEL RIVER, 0.4 MILE N OF FISH CANYON RD & ENCANTO PKWY INTERSECTION.	MAPPED AS BEST GUESS TO PROVIDED LOCATION DESCRIPTION, EXACT LOCATION UNKNOWN. PROVIDED LOCATION DESCRIPTION WAS "MOUTH OF VAN TASSEL CANYON, LOS ANGELES COUNTY."
172	19780919	None	None	S4				CLAMSHELL CANYON, NORTH OF MONROVIA.	MAPPED PER INTERPRETATION OF 1978 AERIAL PHOTOS.
173	201305XX	None	None	S2	1B.1		SB_CalBG/RSAB G; USFS_S	FISH CANYON, FROM ABOUT 1 MILE UPSTREAM TO 1 MILE DOWNSTREAM OF THE FALLS, NORTH OF AZUSA, SAN GABRIEL MOUNTAINS.	SEVERAL COLONIES SCATTERED ALONG THE CANYON WALLS, BEGINNING JUST NORTH OF FERN CANYON AND CONTINUING FOR ABOUT 2 MILES. MAPPED AS SEVEN POLYGONS BY CNDDB.
174	19040201	None	None	S3		SSC	USFS_S	ARROYO SECO NEAR PASADENA.	MAPPED NON-SPECIFICALLY TO ARROYO SECO SOUTH OF DEVILS GATE AND NORTH OF THE GOLF COURSES AT THE ROSE BOWL. GRINNELL NOTES IN GRI07A0001 SIMPLY THAT IT WAS "FROM THE ARROYO NEAR PASADENA."
175	19780919	None	None	S1.1				EATON WASH, FROM ANGELES NF BOUNDARY D/S TO JUST NORTH OF NEW YORK DRIVE, ALTADENA.	
176	1935XXXX	None	None	S1.1				SIERRA VISTA PARK, SIERRA MADRE.	EXTIRPATED ACCORDING TO INTERPRETATION OF 1978 AERIAL PHOTOS.
177	20180201	Threatened	None	S2		SSC		ADJACENT TO WHITTIER NARROWS REC AREA (ALONG SAN GABRIEL RIVER), 0.5 MI WNW JUNCTION OF PECK RD & I-605, SOUTH EL MONTE.	ADJACENT TO SAND MINING OPERATION.
178	19780919	None	None	S4				LAS FLORES CANYON, NORTH OF ALTADENA.	EXTANT, 1978, PER AERIAL PHOTO INTERPRETATION.
179	19780919	None	None	S4				TRIBUTARY TO EATON WASH TOWARD SOUTHEAST PORTION OF EATON CANYON PARK.	MAPPED PER INTERPRETATION OF 1978 AERIAL PHOTOS.

180	20110727	Endangered	Endangered	S3				SAN GRABRIEL RIVER, ON SW & NE SIDES OF HUNTINGTON DR, WEST OF AZUSA.	SITE WAS PART OF SEGMENT 7 OF THE TEHACHAPI RENEWABLE TRANSMISSION PROJECT. SITE NAME WAS "SAN GABRIEL RIVER NEAR HUNTINGTON DRIVE." MAPPED TO PROVIDED COORDINATES AND MAPS. 1939 COLLECTION FROM "AZUSA, NEAR; SAN GABRIEL RIVER WASH."
181	19181016	None	None	S2	1B.3		SB_CalBG/RSAB G	RUBIO CANYON, SAN GABRIEL MOUNTAINS.	MAPPED IN RUBIO CANYON AT ELEVATION PROVIDED.
182	19780919	None	None	S4				HASTINGS CANYON, NORTH OF SIERRA MADRE.	MAPPED PER INTERPRETATION OF AERIAL PHOTOS.
183	1935XXXX	None	None	S4				UNNAMED CREEK NORTH OF JUNCTION OF HILLCREST BLVD & MAGNOLIA AVE ABOUT 0.4 MILE.	
184	1951XXXX	Endangered	Endangered	S1	1B.1		SB_CalBG/RSAB G	RUBIO WASH, ALTADENA.	APPROPRIATE HABITAT ROUGHLY MAPPED; SPECIES NOT SEEN FOR YEARS AT THIS SITE.
185	19780919	None	None	S4				EAGLE CANYON, NORTH OF LA CRESCENTA.	1978 EXTENT MAPPED FROM INTERPRETATION OF AERIAL PHOTOS.
186	19710522	None	None	S2	2B.2		USFS_S	FISH CANYON, SAN GABRIEL MOUNTAINS.	MAPPED BY CNDDDB AS BEST GUESS AROUND THE PORTION OF FISH CANYON AT ABOUT 1100 FEET IN ELEVATION BASED ON INFORMATION ON COLLECTION LABEL.
187	19780919	None	None	S4				SPINKS CANYON, NORTH OF DUARTE.	MAPPED PER INTERPRETATION OF 1978 AERIAL PHOTOS BUT REDUCED TO ABOUT HALF OF 1935 EXTENT.
188	20150922	None	None	S3		SSC	IUCN_LC	FROM THE SANTA ANITA DAM TO ABOUT 0.4 MI S, & 0.2 MI NE TO 0.6 MI NNE OF HIGHLAND VISTA DR AT CANYON RD, SIERRA MADRE.	MAPPED TO COORDINATES GIVEN FOR ACOUSTIC MONITORING STATIONS.
189	20220707	None	None	S2			IUCN_VU	JUST E OF PARAMOUNT BLVD AT CA-60 ON EITHER SIDE OF CA-60, 2.75 MI E OF BELLA VISTA SCHOOL, ABOUT 5.1 MI NW OF WHITTIER.	MAPPED AS A TWO PART POLYGON TO THE PROVIDED COORDINATES.
190	19780919	None	None	S4				SHIELDS CANYON, NORTH OF LA CRESCENTA.	1978 EXTENT MAPPED FROM INTERPRETATION OF AERIAL PHOTOS.
191	19780919	None	None	S4				GOSS CANYON, NORTH OF LA CRESCENTA, WEST OF BRIGGS TERRACE.	MAPPED PER INTERPRETATION OF 1978 AERIAL PHOTOS.
192	1935XXXX	None	None	S4				LITTLE SANTA ANITA CANYON, D/S OF SIERRA MADRE DAM FOR ABOUT 0.5 MILE.	EXTIRPATED.
193	1935XXXX	None	None	S4				INTERMITTENT CREEK TO WEST OF LINDA VISTA SCHOOL, LINDA VISTA.	URBANIZED ACCORDING TO 1978 AERIAL PHOTOS.
194	1935XXXX	None	None	S4				MONTROSE, NEAR JUNCTION OF MONTROSE AVE & VERDUGO BLVD.	EXTIRPATED ACCORDING TO INTERPRETATION OF AERIAL PHOTOS.

195	19860703	None	None	S2	1B.1	SB_CalBG/RSAB G; USFS_S	MOUTH OF FISH CANYON AT THE SAN GABRIEL RIVER, NORTH OF AZUSA, SAN GABRIEL MOUNTAINS.	THREE COLONIES BETWEEN THE MOUTH OF CANYON AND THE GAGING STATION.
196	1935XXXX	None	None	S4			TRIBUTARY TO EATON WASH IN CENTER OF EATON CANYON PARK.	
197	19320930	None	None	S2	1B.3	SB_CalBG/RSAB G	FISH CANYON, 1/4 MILE BELOW FALLS, SAN GABRIEL MOUNTAINS.	MAPPED APPROXIMATELY 1/4 MILE BELOW FALLS ALONG FISH CANYON, WHICH IS SLIGHTLY HIGHER THAN ELEVATION PROVIDED (1100 FT).
198	20200802	None	Candidate Endangered	S2		IUCN_EN	LOS ANGELES COUNTY ARBORETUM & BOTANIC GARDEN, ABOUT 0.3 MI SSW-0.6 MI SW OF THE INTXN OF N BALDWIN AVE & COLORADO BLVD.	MAPPED TO PROVIDED COORDINATES.
199	19780919	None	None	S4			INTERMITTENT CREEK SOUTH OF FLINTRIDGE ACADEMY OF THE SACRED HEART.	MAPPED PER INTERPRETATION OF 1978 AERIAL PHOTOS.
200	19780919	None	None	S4			TRIBUTARY TO EATON WASH AT NORTHWEST EDGE OF EATON CANYON PARK.	MAPPED PER INTERPRETATION OF 1978 AERIAL PHOTOS.
201	20100403	Threatened	None	S2		SSC	SAN GABRIEL RIVER, NORTH OF I-210 AND SOUTH OF E FOOTHILL BLVD BRIDGE, IRWINDALE.	MAPPED ACCORDING TO 2010 REPORT MAP. HISTORIC RECORDS FROM SAN GABRIEL WASH NEAR AZUSA AND LAS LOMAS ATTRIBUTED HERE. 1920, 1921, AND 1927 NESTS WERE LOCATED ALONG THE SAN GABRIEL WASH AT AZUSA.
202	20020213	None	None	S1		SSC	FISH CANYON CREEK ABOUT 1 MILE NORTH OF CONFLUENCE WITH SAN GABRIEL RIVER. NORTHWEST OF AZUSA.	
203	20150922	None	None	S2		SSC	BLM_S; IUCN_LC; USFS_S WESTERNMOST SPILLWAY OF THE SANTA ANITA DAM, ABOUT 0.6 MILES NE OF CANYON RD AT MONTE PLACE, SIERRA MADRE.	MAPPED TO COORDINATES GIVEN FOR BIOACOUSTIC MONITORING STATION.
204	19461202	None	None	S3			EATON CANYON, 0.3 MI NORTH OF CANYON MOUTH AT MT WILSON TOLL RD BRIDGE, ALTADENA.	GIVEN LOCALITY DESCRIPTION: "ABOUT HALFWAY BETWEEN CANYON MOUTH & FIRST FALLS, EATON CYN, NE OF PASADENA." FIRST FALLS LIKELY REFERS TO EATON CANYON FALLS (34.1966, -118.1028).
205	20181003	None	None	S3		SSC	USFS_S VICINITY OF CANYONSIDE RD AT SHIELDS ST, ALONG PICKENS CANYON NEAR BRIGGS TERRACE, LA CRESCENTA.	
206	19620218	None	None	S3		SSC	USFS_S ARCADIA WILDERNESS PARK, NORTH END OF HIGHLAND OAKS DRIVE, VICINITY OF CLAMSHELL CANYON, ARCADIA.	MAPPED TO THE GENERAL AREA OF WILDERNESS PARK.
207	20180612	None	None	S3		SSC	USFS_S ALONG EAST ALEGRIA AVENUE NEAR SAINT RITA SCHOOL, CITY OF SIERRA MADRE.	
208	20170107	None	None	S3		SSC	USFS_S NEAR THE W END OF VINEHILL DR, NW OF LOMA ALTA SCHOOL, 0.4 MILES NE OF LOMA ALTA DR AT FAIR OAKS AVE, ALTADENA.	
209	19971231	None	None	S3	4.3		IRWINDALE; ABANDONED GRAVEL PIT NORTH OF AND ADJACENT TO 210 FREEWAY, APPROXIMATELY 300 M EAST OF IRWINDALE AVENUE.	MAPPED BY CNDDDB AS A BEST GUESS, NEAR THE CENTER OF THE NE 1/4 OF SECTION 33.
210	20170528	None	None	S3		SSC	USFS_S ALONG FOREST ROUTE 2N70 (GABRIELENO TRAIL) JUST EAST OF ARROYO SECO AND THE JET PROPULSION LABORATORY, ALTADENA.	FOUND DEAD ON ROAD.
211	20220724	None	None	S2		IUCN_VU	HOME DEPOT GARDEN CENTER, 0.12 MI SE OF W COMMONWEALTH AVE AT S MARENGO AVE, 0.34 MI W OF NORTHRUP SCHOOL, ALHAMBRA.	MAPPED TO THE PROVIDED COORDINATES.

212	20220926	None	None	S2			IUCN_VU	JUST SE OF SCE MESA SUBSTATION, 0.25 MI S OF POTRERO GRANDE RD AT GREENWOOD AVE, 1.7 MI E OF BELLA VISTA SCHOOL.	MAPPED TO PROVIDED COORDINATES.
213	20190722	None	None	S2			IUCN_VU	W END OF REVERE AVE, 0.15 MI SW OF N MONTEBELLO BLVD AT LIBERTY AVE, 1.3 MI E OF MARIAN SCHOOL.	MAPPED TO PROVIDED COORDINATES.
214	202208XX	None	None	S2			IUCN_VU	JUST NW OF DELLROSE AVE AT REDDING AVE, 0.63 MI ESE OF MONTEREY VISTA SCHOOL, 3 MI W OF SOUTH EL MONTE.	MAPPED TO PROVIDED COORDINATES.
215	20200513	None	None	S2			IUCN_VU	VICINITY OF LIVE OAK LN AT ARROW HWY, 1.8 MI E OF MAYFLOWER VILLAGE, ABOUT 2.2 MI NW OF CENTRAL BALDWIN PARK.	MAPPED TO PROVIDED COORDINATES. ADJACENT TO SANTA FE FLOOD CONTROL BASIN.
216	20230727	None	None	S2			IUCN_VU	EAST LOS ANGELES COLLEGE, 0.2 MI N OF S ATLANTIC BLVD AT AVENIDA CESAR CHAVEZ, 1.2 MI E OF SOLEDAD SCHOOL, MONTEREY PARK	MAPPED TO THE PROVIDED COORDINATES.
217	20170911	None	None	S2			IUCN_VU	NEAR CHANEY TRAIL JUST S OF INTERSECTION WITH ALZADA ROAD, 0.6 MI SW OF CAMP CHIQUITA, 4 MI N OF PASADENA.	MAPPED TO PROVIDED COORDINATES.
218	20191027	Endangered	None	S2	1B.1		SB_CalBG/RSAB G; SB_SBBG	SOUTH OF CLAMSHELL CANYON AND NORTH OF MONROVIA, ALONG CLAMSHELL TRUCK TRAIL, SAN GABRIEL MOUNTAINS.	MAPPED BY CNDDDB AS 5 POLYGONS.
219	20180425	None	None	S3		SSC	USFS_S	OAK GROVE PARK ALONG ARROYO SECO, NE OF I-210, PASADENA.	
220	20200430	None	Candidate Endangered	S2			IUCN_EN	JUST WEST OF INTERSECTION OF PECK ROAD AND RIO HONDO PARKWAY, PECK ROAD WATER CONSERVATION PARK, ARCADIA.	MAPPED TO PROVIDED COORDINATES.
221	20130729	Endangered	Endangered	S3				SANTA ANITA WASH, CENTER OF PECK ROAD PARK, ABOUT 1 MILE SE OF LIVE OAK AVE & SANTA ANITA AVE INTERSECTION, N EL MONTE.	MAPPED TO PROVIDED COORDINATES. LOCATION DESCRIPTION WAS "AT MOUTH OF SANTA ANITA WASH." NESTS LOCATED ON NORTH BANK OF FLOOD CONTROL BASIN ON EAST SIDE OF ARCADIA GOLF COURSE.
222	20100628	None	None	S4	4.2		SB_CalBG/RSAB G	ALONG TRANSMISSION LINE CORRIDOR BETWEEN MILLARD CANYON AND ARROYO SECO, JUST NW OF ALTADENA.	MAPPED BY CNDDDB AS 5 POLYGONS ACCORDING TO 2010 ICF DIGITAL DATA IN THE NE 1/4 OF THE NE 1/4 OF SECTION 31 AND IN THE NORTH HALF OF SECTION 32.
223	20090613	None	None	S4	4.2		SB_CalBG/RSAB G	DESCANSO GARDENS, LA CANADA FLINTRIDGE.	ALONG DESCANSO TRAIL, IN CLEARED FIREBREAK AREA ADJACENT TO CHAINLINK FENCE THAT SERVES AS THE WESTERN BOUNDARY OF THE DESCANSO GARDENS PROPERTY.
224	20200508	None	None	S3				RUBIO CANYON, 0.2 MILES EAST OF PLEASANTRIDGE DR & RUBIO VISTA RD INTERSECTION, 0.5 MI SOUTH OF ECHO MOUNTAIN, ALTADENA.	IN RUBIO CANYON OPEN SPACE PRESERVE. MAPPED TO COORDINATES PROVIDED.
225	19780507	None	None	S3		SSC	USFS_S	ALONG PRINCESS ANNE RD, ABOUT 250 YARDS SSE OF GREEN LANE AT ANGELES CREST HIGHWAY, LA CANADA FLINTRIDGE.	FOUND IN A RESIDENTIAL YARD.

226	20100625	None	None	S2	1B.1		SB_CalBG/RSAB G; USFS_S	MT BLISS, ABOUT 2.5 AIR MILES NORTHWEST OF THE MOUTH OF FISH CANYON.	MAPPED IN THE NW 1/4 OF THE SE 1/4 OF SECTION 8.
227	20200322	None	None	S3				EATON WASH, JUST SOUTH OF MOUNT WILSON TOLL RD BRIDGE, EATON CANYON OPEN SPACE, PASADENA.	MAPPED TO COORDINATES PROVIDED.
228	20180729	None	None	S3		SSC	USFS_S	WEST END OF W ALTADENA DR NEAR ARROYO SECO, ALTADENA.	
229	20180504	None	None	S3		SSC	USFS_S	ABOUT 0.1 MILES N OF VENTURA ST AT WINDSOR AVE, E SIDE OF ARROYO SECO, HAHAMONGNA WATERSHED PARK, NE OF I-210, PASADENA	
230	20090819	None	None	S2	1B.3		SB_CalBG/RSAB G	MONROVIA CANYON WILDERNESS PARK, AT WATERFALL.	ON WATERFALL ON WEST SIDE OF PLUME. MAPPED ACCORDING TO COORDINATES PROVIDED WITH 2009 SWINNEY COLLECTION. MONROVIA CANYON FALLS APPEAR TO BE JUST NORTH OF THE BOUNDARY OF MONROVIA CANYON PARK, WITHIN THE ANGELES NATIONAL FOREST.
231	19820115	None	None	S3		SSC	USFS_S	ALONG W MONTECITO AVE JUST WEST OF AUBURN AVE, SIERRA MADRE.	APPARENTLY COLLECTED FROM RESIDENTIAL YARD.
232	20200319	None	None	S3				EATON WASH, JUST SOUTH OF MOUNT WILSON TOLL RD BRIDGE, EATON CANYON OPEN SPACE, ALTADENA.	AERIAL IMAGERY SHOWS SITE IS ALONG EATON CANYON TRAIL. MAPPED TO COORDINATES PROVIDED.
233	1981XXXX	None	None	SX	1A			SAN GABRIEL RIVER AT WHITTIER NARROWS RECREATION AREA, 0.5 MILE EAST OF DURFEE AVE AT SIPHON ROAD, NORTH OF WHITTIER.	ALONG SELF-GUIDED TRAIL OF WHITTIER NARROWS, IMMEDIATELY E OF POWER LINE AND N OF FLOOD CONTROL CHANNEL. NUMEROUS HISTORICAL COLLECTIONS FROM "WHITTIER NARROWS" AND "SAN GABRIEL RIVER" ARE ATTRIBUTED HERE BUT MAY HAVE BEEN FROM NEARBY EO #2.
234	19790306	None	None	SX	1A			SAN GABRIEL RIVER AT WHITTIER NARROWS RECREATION AREA, S OF DURFEE RD AND 0.5 MI W OF PECK RD, N OF WHITTIER.	AT WHITTIER NARROWS NATURE AREA ABOUT 0.25 MILE SW OF NATURE CENTER HEADQUARTERS, JUST N OF FLOOD CONTROL CHANNEL.
235	20190704	None	Candidate Endangered	S2			IUCN_EN	ARROYO SECO, 0.4 MILES NW OF EXPLORER ROAD, LA CANADA FLINTRIDGE.	MAPPED TO PROVIDED COORDINATES. JUST NE OF CALTECH CAMPUS.
236	20200704	None	None	S3				SANTA ANITA WASH, JUST NORTH OF DEBRIS BASIN, 0.4 MILE NE OF ELKINS AVE AT HIGHLAND OAKS DR, WILDERNESS PARK, ARCADIA.	MAPPED TO COORDINATES PROVIDED.
237	20151201	None	None	S3		SSC	USFS_S	N SIDE OF KNIGHT WAY ABOUT 0.1 MILES W OF THE GOULD AVE INTERSECTION IN LA CANADA FLINTRIDGE.	MAPPED TO PROVIDED COORDINATES. FORMERLY A. PULCHRA PULCHRA EO #103.
238	20180315	Endangered	None	S2	1B.1		SB_CalBG/RSAB G; SB_SBBG	MOUTH OF MONROVIA CANYON, APPROXIMATELY 0.2 AIR MILE NORTHWEST OF SAWPIT DAM.	MAPPED IN THE NORTH 1/2 OF THE NW 1/4 OF SECTION 13.
239	20180425	None	None	S3		SSC	USFS_S	ABOUT 0.25 MILES NE OF FOOTHILL BLVD AT OAK GROVE DR, HAHAMONGNA WATERSHED PARK ALONG ARROYO SECO, NE OF I-210, PASADENA	
240	20010609	None	None	S4	4.2		SB_CalBG/RSAB G	NORTHERN LIMITS OF SIERRA MADRE, 0.45 AIR MILE SOUTHWEST OF SIERRA MADRE DAM, EAST OF PASADENA.	AT PROPOSED MARANATHA HIGH SCHOOL SITE. MAPPED WITHIN THE SE 1/4 OF THE NE 1/4 OF SECTION 17.
241	20090606	None	None	S4	4.2		SB_CalBG/RSAB G	ALONG RIDGELINE BETWEEN CLAMSHELL CANYON AND RUBY CANYON, ON SADDLE OF CLAMSHELL TRUCK TRAIL, NORTH OF MONROVIA.	MOST PLANTS FOUND ABOUT 15 FEET ABOVE THE ROAD, NEXT TO SHORT SPUR TRAIL. IN THE SE 1/4 OF THE NW 1/4 OF SECTION 14.
242	20130729	Endangered	Endangered	S3				SAWPIT WASH, ABOUT 0.25 MILE NNW OF PECK RD AND CLARK ST INTERSECTION, NORTH EL MONTE.	MAPPED TO PROVIDED COORDINATES. LOCATION DESCRIPTION WAS "MOUTH OF SAWPIT WASH (NORTHEAST REGION OF BASIN) IN PECK ROAD." NEST LOCATED AT THE NE CORNER OF FLOOD CONTROL BASIN.

243	20150519	Endangered	Endangered	S3				EATON WASH DEBRIS BASIN, 0.1 MILE WSW OF THE INTERSECTION OF NEW YORK DRIVE AND EATON CANYON DRIVE, PASADENA.	
244	19990729	Endangered	Endangered	S1	1B.1		SB_CalBG/RSAB G; SB_SBBG	CORNER OF ARROYO AND WASHINGTON STREETS, 1/2 MILE NORTH OF ROSE BOWL, EAST BANK OF ARROYO SECO.	ADJACENT TO ROAD. OCCURRENCE IN NATURAL AREA ADJACENT TO GOLF COURSE AND HOUSING. MAPPED ACCORDING TO A 1987 NISHIDA FIELD SURVEY FORM.
245	20070224	Threatened	None	S2		SSC		SANTA FE DAM REGIONAL PARK, IRWINDALE.	OBSERVED FROM THE NATURE TRAIL, ABOUT 1/8 MILE WEST OF THE NATURE CENTER, WITHIN A WILDLIFE AREA WITHIN THE COUNTY PARK. AN ADULT MALE WAS REPORTED FROM AN AREA ABOUT 1/4 MILE SOUTH OF THIS SITE 3 WEEKS LATER.
246	20050608	None	None	S4	4.2		SB_CalBG/RSAB G	SANTA ANITA DEBRIS BASIN, EAST OF HIGHLAND OAKS DRIVE, JUST NE OF ARCADIA.	NEXT TO A MATURE OAK TREE, EAST OF THE DIRT ACCESS ROAD, WEST OF LOWER CLAMSHELL TRAIL. NEAR CENTER SEC 15.
247	20150403	None	None	S2	1B.1		SB_CalBG/RSAB G; SB_CRES; SB_SBBG	WHITTIER NARROWS, BETWEEN SAN GABRIEL RIVER AND RIO HONDO, W SIDE OF HWY 19 ALONG ROAD TO SHOOTING AREA, S OF HWY 60.	ALONG SCE POWERLINES. 3 POLYGONS MAPPED ACCORDING TO 2010 AND 2011 DIGITAL DATA FROM ICF INTERNATIONAL, INC.
248	20100701	None	None	S4	4.2		SB_CalBG/RSAB G	JUST WEST OF ANGELES CREST STATION IN FALLS CANYON, NORTH OF LA CANADA FLINTRIDGE.	MAPPED BY CNDDB AS 3 POLYGONS ACCORDING TO 2010 ICF DIGITAL DATA IN THE NW 1/4 OF THE NW 1/4 OF SECTION 30.
249	20010620	None	None	S1	1B.2		SB_CalBG/RSAB G; USFS_S	VAN TASSEL RIDGE ROAD JUST NE OF MT BLISS, SAN GABRIEL MOUNTAINS.	MAPPED BY CNDDB AS 2 POLYGONS ACCORDING TO SOZA COORDINATES IN THE SW 1/4 OF THE NE 1/4 AND THE NW 1/4 OF THE SE 1/4 OF SECTION 9.
250	20100628	None	None	S1	1B.2		SB_CalBG/RSAB G; USFS_S	JUST SE OF WHITE SADDLE NEAR THE JUNCTION OF VAN TASSEL TRUCK TRAIL WITH SILVER FISH ROAD, SAN GABRIEL MOUNTAINS.	MAPPED BY CNDDB AS 2 POLYGONS ACCORDING TO 2003 GROSS COORDINATES AND 2010 ICF DIGITAL DATA, IN THE SW 1/4 SW 1/4 SECTION 5 AND NW 1/4 NW 1/4 SECTION 8. ROAD 2N30 TO WHITE SADDLE, SOUTH ALONG RD 1N36 SEARCHED IN 1979, NO PLANTS FOUND.
251	1981XXX	Endangered	None	S2	1B.1		SB_CalBG/RSAB G; SB_SBBG	ABOVE MONROVIA, ABOUT 0.5 MILE NORTH OF HILLCREST BLVD AT MYRTLE AVE, FOOTHILLS OF SAN GABRIEL MOUNTAINS.	W-FACING CREST IN DECOMPOSED GRANITE ON OLD FIRE BREAK. MAPPED WITHIN THE SW 1/4 SE 1/4 SECTION 14 ACCORDING TO A 1986 MAP.
252	20100621	None	None	S4	4.2		SB_CalBG/RSAB G	ALONG TRANSMISSION LINE CORRIDOR ~0.28 AIR MI SSW OF CONFLUENCE OF AQUA CYN WITH ARROYO SECO, N OF LA CANADA FLINTRIDGE.	MAPPED BY CNDDB ACCORDING TO 2010 ICF DIGITAL DATA IN THE NE 1/4 OF THE NW 1/4 OF SECTION 31.
253	20010502	Endangered	None	S2	1B.1		SB_CalBG/RSAB G; SB_SBBG	ALONG LOWER CLAMSHELL MOTORWAY EAST OF DEBRIS BASIN, SOUTH OF CLAMSHELL CANYON, SAN GABRIEL MOUNTAINS.	ABOUT 0.5 MILE FROM ARCADIA WILDERNESS AREA PARKING LOT. PLANTS ARE ADJACENT TO ROAD FOR A DISTANCE OF ABOUT 100'. NEAR THE CENTER OF THE N 1/2 OF THE SE 1/4 OF SECTION 15.

ID	GENERAL	THREAT	THREATLIST	LASTUPDATE	AREA	PERIMETER	AVLCODE	Symbology	Shape_Length	Shape_Area
1	WFVZ EGG SET COLLECTED BY G. WILLETT ON 4 JUL 1894. CONSIDERED EXTIRPATED AS A BREEDER IN SOUTHERN CALIFORNIA (SCH92).			20111110	201051734.5	50264.86594	21001	210	23820.90785	6958953.895
2	WFVZ EGG SET (3 EGGS) COLLECTED BY C. H. RICHARSON, JR. ON 21 MAY 1902. CONSIDERED EXTIRPATED AS A BREEDER IN SOUTHERN CALIFORNIA (SCH92).			20111110	201051728.3	50264.86155	21001	210	48964.97562	98527212.06
3	1 COLLECTED, LACM.			20050105	201051719.8	50264.84449	21003	810	7892.772974	2182992.085
4	MVZ #2205 (EGG SET), COLLECTED 20 MAY 1894 BY R. H. ROBERTSON. MVZ #136340 (STUDY SKIN) COLLECTED JUNE 1852 BY G. A. MCCALL.			20050105	201051719.8	50264.84449	21003	810	7892.772974	2182992.085
5	MVZ EGG SET #3843 COLLECTED 28 APR 1919 BY ALDEN H. MILLER. MVZ EGG SET #3844 COLLECTED 5 MAY 1921 BY ALDEN H. MILLER.			20030509	201051719.8	50264.84449	21003	810	7892.772974	2182992.085
6	MVZ #13047 (EGG SET) COLLECTED 10 JUN 1893 BY R. ARNOLD. MVZ #33366-33374 (7 MALE & 2 FEMALE STUDY SKINS) COLLECTED BETWEEN 28 MAY 1895 & 6 AUG 1900 BY J. GRINNELL. MVZ #12434 & 33380 (MALE STUDY SKINS) COLLECTED 12 SEP 1905 & 14 SEP 1906.			20050104	201051598.8	50264.82981	21002	810	57800.77507	139562604.6
7	SITE BASED ON AN 1882 COLLECTION BY JONES AND AN 1893 COLLECTION BY MCCLATCHIE.	AREA HIGHLY DEVELOPED.	Development	20161228	201051598.8	50264.82981	11002	810	57800.77507	139562604.6
8				20051129	159768830.9	50777.19765	99901	999	55955.26144	84326792.58
9	RECENT GROUND TRUTH NEEDED. SEE HTTPS://WILDLIFE.CA.GOV/DATA/VEGCAMP/NATURAL-COMMUNITIES TO INTERPRET AND ADDRESS THE PRESENCE OF RARE COMMUNITIES.			19980722	8920027.663	108437.8745	30201	302	18299.38777	1197632.685
10	UNKNOWN NUMBER OF PLANTS SEEN IN ARROYO SECO CANYON IN 1901 AND ON RIDGE BETWEEN ARROYO SECO AND MILLARD CANYON IN 1915. NEEDS FIELDWORK.			20160119	8042471.305	10053.09857	10901	109	2859.386466	156855.196
11	MALE COLLECTED ON 15 NOV 1903. AREA HAS BEEN HEAVILY DEVELOPMENT SINCE TIME OF COLLECTION; POSSIBLY EXTIRPATED.	DEVELOPMENT	Development	20200921	8042470.481	10053.09439	20902	809	10053.09439	8042470.481
12	MANY LARVAE OBSERVED WITH HIND LIMB BUDS JUST APPEARING AND OTHERS WITH TAILS PRACTICALLY RESORBED. 58 TADPOLES COLLECTED ON 20 MAY 1913.	DEVELOPMENT	Development	20200304	8042470.481	10053.09439	20902	809	10053.09439	8042470.481
13	COLLECTED IN 1895, 1901, 1903, 1904, 1905, AND 1906. AREA HAS BEEN HEAVILY DEVELOPED SINCE TIME OF COLLECTION; POSSIBLY EXTIRPATED.	DEVELOPMENT	Development	20200923	8042069.208	10052.96894	20902	809	10052.96894	8042069.208
14	UNK # OF EGGS COLLECTED IN 1893. 3 EGGS COLL 18 MAY & NEST W/ 2 EGGS COLL ON 19 MAY 1894. UNK # OF EGGS COLL ON 10 MAY & 3 JUN 1895. 2 COLLECTIONS MADE FROM THE SAME NEST IN MAY (UNK NUMBER) & JUN 1895 (4 EGGS); 2 BROODS. BIRD COLL IN 1911.	THIS AREA, INCLUDING VICINITY OF ARROYO SECO, IS HIGHLY DEVELOPED.	Development	20140512	8042069.208	10052.96894	20902	809	10052.96894	8042069.208
15	SITE BASED ON A VAGUE 1902 DAVIDSON COLLECTION. THIS WAS FORMER CALYSTEGIA SEPIUM SSP. BINGHAMIAE OCCURRENCE #9.	AREA HIGHLY DEVELOPED SINCE COLLECTION MADE.	Development	20140812	8042068.914	10052.96891	10901	109	652.789723	5943.880346
16	ONLY SOURCE OF INFORMATION FOR THIS OCCURRENCE IS A 1964 COLLECTION BY WHEELER. NEEDS FIELDWORK.			20070425	8042068.912	10052.96891	10901	109	6761.808764	2453813.012
17	1 MALE AND 1 FEMALE COLLECTED BY L. LITTLE ON 1 NOV 1930, MVZ #71656-71657. 2 MALES AND 1 FEMALE COLLECTED BY L. LITTLE ON 2 MAY 1931, MVZ #71658-71659 & KU #9418.			20061002	8042068.883	10052.96889	20901	209	10052.96889	8042068.883
18	SPECIMEN COLLECTED 10 DEC 1958 AND DEPOSITED AT CSULA.			20060926	8042068.874	10052.96888	20901	209	10052.96888	8042068.874

19	10 MALES COLLECTED JUL 1903 (MVZ #5188, 5190, 5243, 5242, 5245, 5246, 5249, 5253 & CAS #1461). 1 MALE COLL. OCT 1903 (MVZ #6925). 1 MALE COLL. MAY 1905 (MVZ #5252) BY J. GRINNELL. 2 COLL. BY C. CAMP APR AND NOV 1910 (MVZ #10853 & 10854).			20110304	8042068.867	10052.96888	20911	809	10052.96888	8042068.867
20	COLLECTIONS WERE MADE IN THIS VICINITY ON 5 JUN 1895, 22 MAR 1932, 26 MAR 1933, AND IN MAY 1933.			20150928	8042068.867	10052.96888	20911	809	10052.96888	8042068.867
21	ONLY SOURCE OF INFORMATION FOR THIS SITE IS A 1907 GRANT COLLECTION. THIS IS THE FURTHEST LOCATION NORTH FOR THIS SPECIES; ID MAY NEED CONFIRMATION.	PASADENA AREA HIGHLY DEVELOPED SINCE 1901; SITE PRESUMED EXTIRPATED.	Development	20160510	8042068.867	10052.96888	10911	809	10052.96888	8042068.867
22	MAIN SOURCE OF INFORMATION IS A 1900 COLLECTION BY GREATA. A 1905 GRANT COLLECTION FROM "PASADENA" AND A 1908 PALMER COLLECTION FROM "ARROYO SECO" ARE ALSO ATTRIBUTED TO THIS SITE. NEEDS FIELDWORK.			20160629	8042068.867	10052.96888	10911	809	10052.96888	8042068.867
23	THREE COLLECTED IN THE LATE 1800S. ONE COLLECTED IN SEP 1941.	DEVELOPMENT.	Development	20180424	8042068.867	10052.96888	20911	809	10052.96888	8042068.867
24	1 FEMALE COLLECTED BY JOSEPH GRINNELL ON 5 FEB 1906 (MVZ #5148). 1 COLLECTED BY C.H. RICHARDSON ON 10 MAY 1906 (LACM #929). 1 MALE COLLECTED BY D.G. CONSTANTINE ON 10 JUL 1945 (LACM #69478).			20110304	8042068.867	10052.96888	20911	809	10052.96888	8042068.867
25	COLLECTIONS FROM THE 1800'S AND EARLY 1900'S ATTRIBUTED TO THIS SITE. PER M. SKINNER, POPULATIONS IN THE LA BASIN ARE PRESUMED EXTIRPATED DUE TO DEVELOPMENT IN THE AREA SINCE THE DATE OF COLLECTION.	DEVELOPMENT.	Development	20160105	8042068.867	10052.96888	10911	809	10052.96888	8042068.867
26	1 COLLECTED ON AN UNKNOWN DATE. 1 COLLECTED ON 7 SEP 1903. 5 COLLECTED ON 8 MAR 1909. 1 COLLECTED ON 3 AUG 1941.			20171019	8042068.867	10052.96888	20911	809	10052.96888	8042068.867
27	ONLY SOURCE OF INFORMATION IS AN 1882 JONES COLLECTION. NEEDS FIELDWORK.	MUCH DEVELOPMENT HAS OCCURRED IN THIS AREA SINCE 1882. PROBABLY EXTIRPATED.	Development	20150930	8042068.867	10052.96888	10911	809	10052.96888	8042068.867
28	MVZ EGG SET #180 OF 6 EGGS COLLECTED BY JOSEPH GRINNELL ON 26 APR 1892. MVZ EGG SET #249 OF 4 EGGS COLLECTED BY JOSEPH GRINNELL ON 17 APR 1895.			20110307	8042068.867	10052.96888	20911	809	10052.96888	8042068.867
29	6 ADULTS COLLECTED ON 31 JUL 1906 (BBSL BOMBUS #1107, #1118, #1122, #1123, #1236, & #1263). 1 ADULT FEMALE COLLECTED BY R. MAY ON 27 OCT 1917 (EMEC #550876).			20230713	8042068.867	10052.96888	20911	809	10052.96888	8042068.867
30	ONLY ONE PLANT OBSERVED BY BURLEIGH (AS CITED IN MCDONALD AND STOKKINK, 1991).			20091201	8042068.865	10052.96888	10901	109	9524.972314	2223084.282
31	1 FEMALE SPECIMEN (MVZ #181852) COLLECTED AT "LA CANADA, 4734 DALEBRIDGE" BY DENNY G. CONSTANTINE ON 23 FEB 1978.			20070320	8042068.852	10052.96887	20901	209	11753.26581	7080788.802
32	UNKNOWN NUMBER OF EGGS COLLECTED ON 15 JUN 1898 BY V.W. OWEN (WFVZ #122062).			20140404	8042068.407	10052.96891	20901	209	4193.60171	560217.1789
33	1 MALE SPECIMEN (CAS #6912) COLLECTED BY J.S. ROWLEY ON 28 NOV 1922.			20070316	8042068.317	10052.96901	20905	809	10052.96901	8042068.317
34	SITE BASED ON HISTORIC COLLECTIONS FROM SAN GABRIEL AND ALHAMBRA. PER M. SKINNER, POPULATIONS IN LA BASIN PRESUMED EXTIRPATED DUE TO DEVELOPMENT IN AREA SINCE DATE OF COLLECTION.	DEVELOPMENT.	Development	20160104	8042068.317	10052.96901	10905	809	10052.96901	8042068.317
35	INGERSOLL COLLECTED 3 EGGS ON 10 APR 1880 AND SHOT THE FEMALE HAWK AS IT LEFT THE NEST.	EXTENSIVE DEVELOPMENT SINCE THE DATE OF COLLECTION HAS ELIMINATED NESTING AND FORAGING HABITAT.	Development	20131022	8042068.317	10052.96901	20905	809	10052.96901	8042068.317
36	1 ADULT FEMALE COLLECTED BY C. GOODPASTURE ON 17 SEP 1971 (BMEC ENT #2414).			20230828	8042068.317	10052.96901	20905	809	10052.96901	8042068.317

37	ONLY SOURCE OF INFORMATION FOR THIS OCCURRENCE IS AN UNDATED LOBB COLLECTION. LIKELY EXTIRPATED DUE TO DEVELOPMENT.	AREA HAS BEEN EXTENSIVELY DEVELOPED SINCE COLLECTION WAS MADE.	Development	20211210	8042068.317	10052.96901	10905	809	10052.96901	8042068.317
38	UNKNOWN SPECIMENS COLLECTED 14 DEC 1889, 18 OCT 1890, 30 SEP 1907 AND 6 MAY 1918 AND DEPOSITED AT USNM, AMNH, UIMNH AND UCLA, RESPECTIVELY. 1 MALE SPECIMEN COLLECTED BY L.E. WYMAN ON 23 JUL 1918, LACM #420.			20060926	8042067.817	10053.00092	20902	809	10053.00092	8042067.817
39	1 FEMALE (A PARATYPE) WAS COLLECTED IN THIS VICINITY ON 12 APR 1889.			20170302	8042067.817	10053.00092	20902	809	10053.00092	8042067.817
40	SITE BASED ON AN UNDATED GRANT COLLECTION AND A 1918 CARLSON COLLECTION. PER M. SKINNER, POPULATIONS IN THE LA BASIN ARE PRESUMED EXTIRPATED DUE TO DEVELOPMENT IN AREA SINCE DATE OF COLLECTION.	DEVELOPMENT.	Development	20040405	8042067.801	10052.98436	10905	809	10052.98436	8042067.801
41	MVZ #38971 COLLECTED BY W.B. DONNELL ON 13 APR 1928. 1 FEMALE SPECIMEN (LACM #70901) COLLECTED BY K.R. ANDERSON SOMETIME BETWEEN 1967-1974.			20070316	8042067.801	10052.98436	20905	809	10052.98436	8042067.801
42	1 COLLECTED BY WYMAN LACM #40125. 3 COLL. BY CAMP IN 1912 & 1913, MVZ #19024-19025, 19281. 7 COLL. BY HORNUNG LACM #766-772, 1 COLL. BY STIRTON/HALL KU 4020 1916. 3 COLL. BY LITTLE IN 1916, LACM #207-209. 5 COLL. IN 1916, LACM #71489-71493.			20061002	8042067.801	10052.98436	20905	809	10052.98436	8042067.801
43	1 MALE COLL. BY JOSEPH GRINNELL 1904, MVZ #5242. 2 FEMALES & 1 UNKNOWN COLLECTED BY CHARLES L. CAMP 1912, MVZ #19021-19023. 3 FEMALES & 2 UNKNOWN COLL. BY CAMP & F.H HOLDEN & 2 COLL. BY CAMP & W. TAYLOR 1913, MVZ #19191-19193, 19282-19283.			20061023	8042067.801	10052.98436	20905	809	10052.98436	8042067.801
44	COLLECTED IN 1908, 1909, 1910, AND 1912. LARGE LARVAE (SOME METAMORPHOSING) OBSERVED BY CAMP ON 11 MAY 1913 AND IN MAY 1914. ADULTS ALSO HEARD CALLING IN 1909, 1913, AND 1914.	DEVELOPMENT	Development	20200304	8042067.801	10052.98436	20905	809	10052.98436	8042067.801
45	COLLECTIONS WERE MADE IN THIS VICINITY ON 14 APR 1933 AND 30 JUN 1938.			20151013	8042067.773	10052.96825	20902	809	1099.09988	23283.3844
46	UNKNOWN NUMBER OF EGGS COLLECTED ON 28 MAY 1911 BY H.A. EDWARDS (WFVZ #115559).	DEVELOPMENT.	Development	20140407	8042067.773	10052.96825	20902	809	1099.09988	23283.3844
47	TYPE LOCALITY. BASED ON AN 1861 BEWER COLLECTION. SITE IS FULLY DEVELOPED AND PRESUMED EXTIRPATED.	THIS AREA HAS BEEN EXTENSIVELY DEVELOPED.	Development	20201209	8042067.723	10053.03358	10902	809	10053.03358	8042067.723
48	1 FEMALE AND 2 MALE SPECIMENS COLLECTED BY BERRY CAMPBELL ON 18 JUN AND 5 JUL 1930, MVZ #71660-71662.			20061002	8042067.723	10053.03358	20902	809	10053.03358	8042067.723
49	SITE BASED ON A 1948 ANDERSON COLLECTION. PER M. SKINNER, POPULATIONS IN THE LA BASIN ARE PRESUMED EXTIRPATED DUE TO DEVELOPMENT IN AREA SINCE DATE OF COLLECTION.	DEVELOPMENT.	Development	20160105	8042050.664	10052.95751	10904	809	8394.349954	3651646.402
50	A COLLECTION WAS MADE IN THIS VICINITY ON 5 MAY 1934.			20150923	8042050.664	10052.95751	20904	809	8394.349954	3651646.402
51	ONLY SOURCE OF INFORMATION FOR THIS SITE IS 1916 COLLECTION BY DAVIDSON. NO PLANTS OBSERVED DURING SURVEYS IN A PORTION OF PICKENS CANYON IN 2003.	THIS AREA APPEARS TO BE HEAVILY DEVELOPED ACCORDING TO THE TOPO MAP.	Development	20160418	8042050.664	10052.95751	10904	809	8394.349954	3651646.402
52	ONLY SOURCE OF INFORMATION FOR THIS SITE IS A 1917 DAVIDSON COLLECTION.	MUCH OF THIS AREA HAS BEEN DEVELOPED SINCE COLLECTION WAS MADE; SUITABLE HABITAT STILL EXISTS JUST WEST OF LA CRESCENTA.	Development	20160801	8042050.664	10052.95751	10904	809	8394.349954	3651646.402

53	COLLECTED ON UNKNOWN DATES, LIKELY IN THE 1930S AND 1940S. ARROYO SECO HAS CHANGED SIGNIFICANTLY SINCE THE TIME OF COLLECTIONS. OCCURRENCE IS LIKELY EXTIRPATED.	ARROYO SECO WAS CHANNELIZED AFTER LOS ANGELES FLOOD OF 1938. AREA HAS BEEN HEAVILY DEVELOPED.	Channelization; Development	20200728	8041673.835	10052.84749	20901	209	12494.54786	5778721.497
54	ONE COLLECTED ON 25 JULY 1932 FROM ALHAMBRA, AND ONE COLLECTED IN JUN 1949 FROM SAN GABRIEL.	DEVELOPMENT.	Development	20180524	8041672.412	10052.84676	20901	209	10052.84676	8041672.412
55	1 ADULT FEMALE COLLECTED ON 9 AUG 1912. 1 COLLECTED ON 17 AUG 1917. 1 ADULT COLLECTED ON 9 JUL 1933. 2 ADULT MALES & 13 ADULT FEMALES COLLECTED ON 5 JUL 1936. 2 ADULT FEMALES COLLECTED ON 20 JUN 1939. 2 ADULT FEMALES COLLECTED IN 2006.	LAGUNA (NOW COMMERCE) HAS UNDERGONE SIGNIFICANT DEVELOPMENT SINCE THE EARLY 1900S.	Development	20231212	8041669.341	10052.84404	20901	209	4118.66009	724005.2891
56	FEMALE COLLECTED ON 10 OCT 1903. AREA HAS BEEN HEAVILY DEVELOPED SINCE TIME OF COLLECTION; POSSIBLY EXTIRPATED.	DEVELOPMENT	Development	20200923	8041669.338	10052.84404	20901	209	9585.308387	6383223.202
57	COLLECTED ON 26 APR 1931.	DEVELOPMENT	Development	20190924	8041669.33	10052.84403	20901	209	10052.84403	8041669.33
58	1 COLLECTED ON 30 SEP 1963.	DEVELOPMENT	Development	20190916	8041669.309	10052.84402	20901	209	10149.91345	8017686.456
59	LACM SPECIMEN #101337 COLLECTED 29 APR 1972 BY R.E. SMICE.			20060123	7969188.124	10019.92001	20901	209	2571.826618	402385.8244
60	ONLY SOURCE IS 1902 COLLECTION. NEEDS FIELDWORK.	AREA IS HEAVILY URBANIZED, AND OCCURRENCE MIGHT BE EXTIRPATED.	Development	20151218	7968901.318	10019.73858	10902	809	11417.56352	2764156.393
61	UNKNOWN NUMBER OF PLANTS SEEN IN 1902. PER M. SKINNER, POPULATIONS IN THE LA BASIN ARE PRESUMED EXTIRPATED DUE TO DEVELOPMENT IN AREA SINCE DATE OF COLLECTION.	DEVELOPMENT.	Development	20040405	7968901.318	10019.73858	10902	809	11417.56352	2764156.393
62	OBSERVED BY BRYANT IN 1911.			19890810	7968492.317	10019.48572	20902	809	8024.01764	3237851.042
63	A COLLECTION WAS MADE IN THIS VICINITY ON 7 APR 1974.			20160719	7968492.317	10019.48572	20902	809	8024.01764	3237851.042
64	SPECIMEN HOUSED AT WHITTIER NARROWS NATURE CENTER. COLLECTOR SPECIFIES 1485 AVION DR.			19951130	7968348.57	10019.391	20901	209	10316.88149	7843338.331
65	1 COLLECTED ON 27 OCT 1976 (LACMENT #1781).			20230724	7967689.417	10018.97677	20904	809	11371.73044	6557566.247
66	COLLECTIONS WERE MADE IN THIS VICINITY ON 26 MAY 1917, 4 MAY 1953, AND IN APR 1970.			20150924	7967689.417	10018.97677	20904	809	11371.73044	6557566.247
67	OCCURRENCE IS BASED ON A 1938 RAMSEY COLLECTION FROM "NORTH CRAIG AVE, ALTADENA" AND A 1994 AREA CHECKLIST BY MUNS FROM LOWER EATON CANYON. MUNS CHECKLIST WAS COMPILED IN 1984 PLUS UPDATES IN 1989 AND 1994, UNKNOWN WHICH YEAR PLANTS SEEN.			20120305	7967689.417	10018.97677	10904	809	11371.73044	6557566.247
68	OBSERVATION BY S.B. FOR 4 CONSECUTIVE YEARS, 1966-1969.			19951102	7967689.417	10018.97677	20904	809	11371.73044	6557566.247
69	LACM #4284 COLLECTED BY F DURHAM ON 19 JUL 1954.	DEVELOPMENT.	Development	20121101	7967138.597	10018.63028	20901	209	10018.63028	7967138.597
70	1 UNKNOWN SPECIMEN COLLECTED BY J.C. VON BLOEKER 28 FEB 1932, LACM #30719. 2 MALE AND 1 FEMALE SPECIMEN COLLECTED BY L. LITTLE ON 15 APR 1932, LACM #3158-3159, 30736.			20061026	7966605.689	10018.29521	20905	809	10018.29521	7966605.689
71	1 FEMALE COLLECTED ON 29 DEC 1906. AREA IS HEAVILY DEVELOPED; LIKELY EXTIRPATED.	DEVELOPMENT	Development	20201001	7966605.689	10018.29521	20905	809	10018.29521	7966605.689

72	NEST, 4 LEAST BELL'S VIREO EGGS, AND 1 COWBIRD EGG COLLECTED BY A. H. MILLER ON 19 MAY 1923. RIO HONDO IS NOW A 100 FOOT CONCRETE LINED CANAL.	DEVELOPMENT, CHanneled WATER COURSE, NEST PARASITISM.	Altered flood/tidal/hydrologic regime; Development	20121011	7966605.689	10018.29521	20905	809	10018.29521	7966605.689
73	ONLY SOURCE OF INFORMATION FOR THIS OCCURRENCE IS SITE NAME NOTED BY JEPSON "A FLORA OF CALIFORNIA" (1943); JEPSON FUTURE NOTES THIS SPECIMEN IS "PERHAPS A WAIF FROM THE MOUNTAINS." IDENTIFICATION OF THIS OCCURRENCE IS QUESTIONABLE.			19960319	7966605.689	10018.29521	10905	809	10018.29521	7966605.689
74	MAIN SOURCE OF INFO FOR THIS OCCURRENCE IS SITE NAME IN MUNZ'S 1974 "A FLORA OF SOUTHERN CALIFORNIA", UNKNOWN WHEN PLANTS SEEN. COOPER STATES THAT NEARBY WHITTIER NARROWS RIVERBOTTOM AREA STILL SUPPORTS APPROPRIATE HABITAT; SURVEYS NEEDED.			20111005	7966605.689	10018.29521	10905	809	10018.29521	7966605.689
75	MVZ #25220 COLLECTED BY G. BARRINGTON ON 3 AUG 1933.			20121026	7966553.851	10018.26269	20901	209	2526.280739	319465.7253
76	ONLY SOURCE OF INFORMATION FOR THIS OCCURRENCE IS A 1928 COLLECTION BY HOWELL. NEEDS FIELDWORK.			19960509	7966551.517	10018.26188	10901	109	9951.660287	3827686.972
77	ONLY SOURCE OF INFORMATION FOR THIS SITE IS 1935 COLLECTION BY KECK. OCCURRENCE MARKED BY CNDDB AS POSSIBLY EXTIRPATED DUE TO SIGNIFICANT AMOUNT OF DEVELOPMENT IN AREA SINCE DATE OF COLLECTION.	DEVELOPMENT.	Development	20130917	7966004.016	10017.91689	10901	109	10743.13185	3875580.811
78	LACM #4281 COLLECTED BY JR NORTHERN ON 17 SEP 1949.	DEVELOPMENT.	Development	20121101	7964528.282	10016.98894	20901	209	2602.638226	258977.5282
79	ADULT BIRDS COLLECTED IN AUG 1897, MAY 1911, AND JUL 1929. NESTING REPORTED IN 1949 AND 1951 (AUDUBON FIELD NOTES, CITED IN GAINES 1977). NONE DETECTED DURING RIPARIAN BIRD SURVEYS IN VICINITY OF EL MONTE & WHITTIER NARROWS, 2010 & 2011.	HABITAT MAY HAVE BEEN DESTROYED BY CHANNELIZATION AND DEVELOPMENT.	Channelization; Development	20150514	7818192.137	26355.00274	20301	203	26763.95394	4378202.949
80	SITE BASED ON A 1927 WOLF COLLECTION. A 1922 ACKLEY COLLECTION FROM MONTROSE AND A 1920 OTTLEY COLLECTION FROM LA CANADA ATTRIB HERE. PER M. SKINNER, POPS IN LA BASIN MAY BE EXTIRPATED DUE TO DEVELOPMENT IN AREA SINCE DATE OF COLLECTION.	DEVELOPMENT.	Development	20160119	5309285.805	8168.205422	10801	108	9366.286417	3798969.213
81	ONE COLLECTED ON 19 MAY 1962. NEEDS FIELD WORK.			20180426	5308757.316	8167.93551	20801	208	7704.081487	2577314.198
82	COLLECTED IN 1902, 1905, 1906, AND 1928.	DEVELOPMENT	Development	20200930	3431204.516	12376.98498	20301	203	12376.98498	3431204.516
83	SEE HTTPS://WILDLIFE.CA.GOV/DATA/VEGCAMP/NATURAL-COMMUNITIES TO INTERPRET AND ADDRESS THE PRESENCE OF RARE COMMUNITIES.			19890810	3242584.048	12083.08758	30201	302	12083.08758	3242584.048
84	SPECIES SEEN IN 1920. KRANTZ SEARCHED SITE IN 1979 BUT COULD NOT LOCATE, HE BELIEVES SPECIES IS GONE FROM THIS SITE.	AVAILABLE HABITAT MODIFIED FOR FLOOD CONTROL (WASH IS NOW A CONCRETE CHANNEL).	Altered flood/tidal/hydrologic regime; Development	20160414	3141589.82	6283.299652	10701	107	6283.299652	3141589.82
85	OCCURRENCE KNOWN FROM A SERIES OF COLLECTIONS MADE BETWEEN 1918 AND 1933. JENNINGS CONSIDERS THIS POPULATION TO BE EXTIRPATED.			20140227	3141433.169	6283.105567	20701	207	4877.988804	1321123.179
86	ONLY SOURCE OF INFORMATION FOR THIS SITE IS A 1920 OTTLEY COLLECTION.			20160414	3141431.664	6283.103945	10704	807	6283.103945	3141431.664
87	ONE FEMALE SPECIMEN COLLECTED 11 SEP 1904 BY P. PINGER AT "ARROYO SECO, NEAR PASADENA." DEPOSITED AT MVZ #6994.			20041210	3141431.664	6283.103945	20704	807	6283.103945	3141431.664
88	SITE BASED ON AN 1891 FRITCHEY COLLECTION AND A 1901 ABRAMS COLLECTION. POPULATIONS IN THE LA BASIN POSSIBLY EXTIRPATED DUE TO DEVELOPMENT IN AREA SINCE DATE OF COLLECTION.	DEVELOPMENT.	Development	20160119	3141431.664	6283.103945	10704	807	6283.103945	3141431.664

89	A FEW PLANTS SEEN IN 1927. A 1920 COLLECTION BY PEIRSON FROM "HALFWAY BETWEEN DEVILS GATE AND THE MOUNTAINS, ARROYO SECO" ALSO ATTRIBUTED TO THIS SITE. NEEDS FIELDWORK.			20080509	3141431.664	6283.103945	10704	807	6283.103945	3141431.664
90	ONE COLLECTED ON 1 FEB 1904. ONE COLLECTED ON 5 JUL 1942.	DEVELOPMENT.	Development	20180424	3141276.556	6283.031165	20701	207	7198.530333	2920213.99
91	SEE HTTPS://WILDLIFE.CA.GOV/DATA/VEGCAMP/NATURAL-COMMUNITIES TO INTERPRET AND ADDRESS THE PRESENCE OF RARE COMMUNITIES.			19980722	2744733.008	31954.05091	30201	302	30420.97961	2605331.417
92	RECENT GROUND TRUTH NEEDED. SEE HTTPS://WILDLIFE.CA.GOV/DATA/VEGCAMP/NATURAL-COMMUNITIES TO INTERPRET AND ADDRESS THE PRESENCE OF RARE COMMUNITIES.			19980722	2688381.222	33783.30656	30201	302	2193.142929	149004.6059
93	1 NEST 1985. 1 TERR '86. 4+ BREEDERS '99. 1 PR 2001. 1 PR, 1 FLEDGE '02. 1 MALE '03. 1 PR W/ 3 FAILED NESTS, & 1 MALE W/ 2 FLEDGE '05. 7-9 TERR, 1 FLEDGE '07. 6 PRS, 1 FLEDGE '09. 13 PRS W/ FLEDGLINGS '10. 13-21 NESTS W/ 7-15 FLEDGE '11.	ROADSIDE VEG MGMT ('85). WATER PIPELINE CONSTRUCTION (2002). TRANSMISSION LINE CONSTRUCTION (2011). COWBIRDS ('85-2011).	Dam/Inundation; Nest parasitism; Non-native animal impacts; Other; Road/trail construction/maint.	20121022	2617546.64	12191.36751	20301	203	12768.08977	2184723.8
94	1 PAIR DETECTED ON 12 APR 2000. 33 PAIRS IN 2002. 66 PAIRS IN 2005. AT LEAST 9 INDIVIDUALS IN 2007. 2 ADULTS IN 2009. DETECTED IN 2010 AND 2011. 117 PAIRS IN 2010. 213 PAIRS IN 2013. 126 PAIRS IN 2014. 104 PAIRS IN 2015. 88 PAIRS IN 2016.	OIL PRODUCTION, BROWN-HEADED COWBIRDS, NON-NATIVE VEGETATION, NOISE FROM ROAD.	Mining; Non-native animal impacts; Non-native plant impacts; Other	20201005	2220716.727	9780.362804	20201	202	9780.362804	2220716.727
95	SEE HTTPS://WILDLIFE.CA.GOV/DATA/VEGCAMP/NATURAL-COMMUNITIES TO INTERPRET AND ADDRESS THE PRESENCE OF RARE COMMUNITIES.			19980722	1873100.497	21919.26589	30201	302	8971.261075	620480.81
96	PART IS COUNTY PARK. SEE HTTPS://WILDLIFE.CA.GOV/DATA/VEGCAMP/NATURAL-COMMUNITIES TO INTERPRET AND ADDRESS THE PRESENCE OF RARE COMMUNITIES.	FRAGMENTED BY GRAVEL MINES, SPREADING GROUNDS.	Dam/Inundation; Mining; Road/trail construction/maint.; Waterway bank protection/maintenance	19980713	1597822.753	11069.56446	30201	302	11110.31297	1486963.808
97	SEE HTTPS://WILDLIFE.CA.GOV/DATA/VEGCAMP/NATURAL-COMMUNITIES TO INTERPRET AND ADDRESS THE PRESENCE OF RARE COMMUNITIES.			19980831	1424217.52	17849.82672	30201	302	17849.82672	1424217.52
98	OCCURRENCE KNOWN FROM A SET OF SLEVIN COLLECTIONS FROM 1915 AND A SET OF DAUGHERTY COLLECTIONS FROM 1930. ACCORDING TO JENNINGS THIS POPULATION IS EXTIRPATED.			20140709	1406904.222	16093.33506	20303	803	2052.847214	140439.5554
99	SITE BASED ON A 1929 COLLECTION BY CLARE. A 1922 COLLECTION FROM "ALTADENA" IS ALSO ATTRIBUTED TO THIS SITE. NEEDS FIELDWORK.			20160801	1406904.222	16093.33506	10303	803	2052.847214	140439.5554
100	ONLY SOURCE OF INFORMATION FOR THIS SITE IS A 1907 BRAUNTON COLLECTION. NEEDS FIELDWORK.			20140709	1406904.222	16093.33506	10303	803	2052.847214	140439.5554
101	11 COLLECTED IN JUN 1923.	POSSIBLE IMPACTS FROM RECREATION.	Recreational use (non-ORV)	20200724	1311981.503	15225.18452	20301	203	3456.964154	201244.2813
102	RECENT GROUND TRUTH NEEDED. SEE HTTPS://WILDLIFE.CA.GOV/DATA/VEGCAMP/NATURAL-COMMUNITIES TO INTERPRET AND ADDRESS THE PRESENCE OF RARE COMMUNITIES.			19980722	1208942.719	14007.93155	30201	302	2086.135879	130412.9761

103	SITE BASED ON 1938 RAMSEY COLLECTION. 1901 GREATA COLLECTION FROM "NEAR EATON CYN," 1919 PEIRSON COLLECTION FROM "BORDERS OF EATON CYN, 1/4 MI BELOW MOUNTAINS, 1200 FT," AND 1937 RAMSEY COLLECTION FROM "ALTADENA" ATTRIBUTED HERE.	DEVELOPMENT. MANY POPULATIONS IN LA BASIN HAVE BEEN EXTIRPATED BY DEVELOPMENT.	Development	20160105	1130971.188	3769.920213	10601	106	3968.524146	1046878.922
104	SEVERAL MALES HEARD CALLING ON NIGHT OF 6 APR 1923. NONE HEARD CALLING ON THE NIGHT OF 8 APR 1923.	DEVELOPMENT	Development	20200304	1130970.994	3769.912401	20601	206	3769.912401	1130970.994
105	OCCURRENCE KNOWN ONLY FROM A 1908 COLLECTION BY CAMP. JENNINGS CONSIDERS THIS POPULATION TO BE EXTIRPATED.	AREA IS NOW URBANIZED.	Development	20140227	1130896.262	3769.851423	20601	206	3769.851423	1130896.262
106	ONLY SOURCE OF INFORMATION FOR THIS SITE IS A 1919 PEIRSON COLLECTION. NEEDS FIELDWORK.	NOT MUCH HABITAT LEFT IN AREA; LARGELY URBANIZED ACCORDING TO SANDERS (2008).	Development	20081020	1130891.719	3769.844118	10601	106	3893.285106	1070277.743
107	ONE ADULT AND 1 JUVENILE WERE OBSERVED IN THE VICINITY BY MANY LOCAL BIRDERS SEVERAL TIMES DURING THE WEEK OF 15 JUL 2012. 1 TERRITORIAL MALE OBSERVED DURING FOUR SURVEYS BETWEEN 29 APR-17 JUN 2013, NOT DETECTED ON 9 JUL 2013.	SEDIMENT REMOVAL PROJECTS, FLOODING, RECREATIONAL ACTIVITIES, PARK MAINTENANCE, AND BROWN-HEADED COWBIRDS.	Altered flood/tidal/hydrologic regime; Nest parasitism; Other; Recreational use (non-ORV)	20140407	1130890.886	3769.842465	20601	206	3769.842465	1130890.886
108	SITE BASED ON A 1910 JOHNSON COLLECTION. KRANTZ VISITED VICINITY OF BOY SCOUT CAMP NORTH OF RESERVOIR AND TO SHORELINE IN 1979 BUT DID NOT OBSERVE PLANT. KRANTZ NOTES THAT THIS SITE IS PROBABLY EXTIRPATED; AREA CLEARED & HIGHLY DISTURBED.	AREA CLEARED AND HIGHLY DISTURBED BUT HABITAT STILL PRESENT IN AREA.		20140911	1130890.884	3769.842459	10601	106	3769.842459	1130890.884
109	MAIN SOURCE OF INFORMATION FOR THIS OCCURRENCE IS A 1986 LAPRE COLLECTION. A 1920 OTTLEY COLLECTION FROM "NEAR PASADENA (SAN GABRIEL WASH)" AND A 1920 PEIRSON COLLECTION FROM "FOOTHILL BLVD, SAN GABRIEL WASH" ARE ALSO ATTRIBUTED HERE.			20140226	1130890.883	3769.84246	10601	106	5352.314849	873044.2697
110	UNKNOWN NUMBER OBSERVED/DETECTED DURING FOCUSED LEAST BELL'S VIREO SURVEYS CONDUCTED APR-JUL 2001. DENDROICA PETECHIA BREWSTERI DETECTED IN VICINITY.			20040708	1130890.876	3769.842446	20605	806	3769.842446	1130890.876
111	UNKNOWN NUMBER OBSERVED/DETECTED DURING FOCUSED LEAST BELL'S VIREO SURVEYS CONDUCTED APR-JUL 2001. DENDROICA PETECHIA BREWSTERI DETECTED IN VICINITY.			20040708	1130890.876	3769.842446	20605	806	3769.842446	1130890.876
112	CHATS OBSERVED/DETECTED THROUGHOUT THE SITE DURING SURVEYS CONDUCTED APR-JUL 2001. FLEDGLINGS OBSERVED LATE IN THE SEASON. DENDROICA PETECHIA BREWSTERI DETECTED IN VICINITY.			20040708	1130890.876	3769.842446	20605	806	3769.842446	1130890.876
113	UNKNOWN NUMBER OBSERVED/DETECTED DURING FOCUSED LEAST BELL'S VIREO SURVEYS CONDUCTED APR-JUL 2001. DENDROICA PETECHIA BREWSTERI DETECTED IN VICINITY.			20040708	1130890.876	3769.842446	20605	806	3769.842446	1130890.876
114	1 PAIR NOTED TO BE NESTING DURING 2001. FLEDGLINGS OBSERVED ALONG EASTERN PORTION OF WOODLAND. DENDROICA PETECHIA BREWSTERI DETECTED IN VICINITY.			20040708	1130890.876	3769.842446	20605	806	3769.842446	1130890.876
115	ONLY SOURCE OF INFORMATION FOR THIS OCCURRENCE IS A 2003 AREA CHECKLIST BY BOLDT, UNKNOWN WHEN PLANTS SEEN. NEEDS FIELDWORK.			20140304	1130890.673	3769.842571	10602	806	3834.977136	1112073.194
116	ONLY SOURCE OF INFORMATION FOR THIS OCCURRENCE IS A 2003 AREA CHECKLIST BY BOLDT, UNKNOWN WHEN PLANTS SEEN. NEEDS FIELDWORK.	POTENTIALLY THREATENED BY DEVELOPMENT.	Development	20170221	1130890.673	3769.842571	10602	806	3834.977136	1112073.194
117	MAIN SOURCE OF INFORMATION FOR THIS OCCURRENCE IS A 1913 COLLECTION BY MOXLEY, LOCATION GIVEN AS SE SHOULDER OF POPPY PEAK. 1906 COLLECTION BY EASTWOOD, LOCATION GIVEN AS GARVANZA, ALSO ATTRIBUTED HERE. FORMER OCCURRENCE #43 LUMPED HERE.	EXTENSIVE DEVELOPMENT IN THIS AREA.	Development	20050418	1130890.321	3769.843426	10601	106	3859.790069	734284.1997
118	ONLY SOURCE OF INFORMATION FOR THIS SITE IS 1931 COLLECTION BY EWAN. SPECIMEN FILED IN H. PUNGENS FILE AT RSA, BUT HAS BEEN TENTATIVELY IDENTIFIED TO H. PARRYI SSP. AUSTRALIS BY D. BRAMLET (1990).			19970204	1120542.31	3757.26038	10601	106	676.943362	26204.48249

119	MAPPED BASED ON 1951 COLLECTION BY PEIRSON. SPECIMEN IN H. PUNGENS FILE AT RSA BUT TENTATIVELY IDENTIFIED TO H. PARRYI AUSTRALIS BY D. BRAMLET (1990). THIS SECTION OF NEW YORK DRIVE HAS BEEN HEAVILY DEVELOPED.	DEVELOPMENT.	Development	19980827	1120520.698	3757.224204	10601	106	3757.224204	1120520.699
120	RECENT GROUND TRUTH NEEDED. SEE HTTPS://WILDLIFE.CA.GOV/DATA/VEGCAMP/NATURAL-COMMUNITIES TO INTERPRET AND ADDRESS THE PRESENCE OF RARE COMMUNITIES.			19980722	1109194.817	13668.15042	30201	302	1513.87688	106249.309
121	SEE HTTPS://WILDLIFE.CA.GOV/DATA/VEGCAMP/NATURAL-COMMUNITIES TO INTERPRET AND ADDRESS THE PRESENCE OF RARE COMMUNITIES.	COMMUNITY EXTIRPATED, AREA DEVELOPED.	Development	19980713	1008545.039	10302.46111	30201	302	10302.46111	1008545.039
122	COLLECTED IN 1908, 1911, 1916, 1918, 1942, AND 1959. JENNINGS AND HAYES CONSIDERED THIS POPULATION EXTIRPATED.			20140304	992514.3688	12444.85109	20303	803	2198.32321	150294.3269
123	SITE IS BASED ON AN 1883 NEVIN COLLECTION AND A 1930 FLOYD COLLECTION. "ONE SMALL COLONY" OBSERVED IN 1930. NEEDS FIELDWORK.			20171026	992514.3688	12444.85109	10303	803	2198.32321	150294.3269
124	1 MALE SPECIMEN (LACM #19867) COLLECTED BY REEDER ON 8 FEB 1948.			20070316	992514.3688	12444.85109	20303	803	2198.32321	150294.3269
125	RECENT GROUND TRUTH NEEDED. SEE HTTPS://WILDLIFE.CA.GOV/DATA/VEGCAMP/NATURAL-COMMUNITIES TO INTERPRET AND ADDRESS THE PRESENCE OF RARE COMMUNITIES.			19980722	948516.3201	11866.94427	30201	302	4773.295375	364761.3541
126	SEE HTTPS://WILDLIFE.CA.GOV/DATA/VEGCAMP/NATURAL-COMMUNITIES TO INTERPRET AND ADDRESS THE PRESENCE OF RARE COMMUNITIES.	EXTIRPATED BY URBANIZATION.	Development	19970411	892001.0795	8165.461002	30201	302	8165.461002	892001.0795
127	OCCURRENCE KNOWN FROM A 6 MAR 1932 COLLECTION BY CAMPBELL. USGS CONSIDERS THIS SITE POSSIBLY EXTIRPATED.			20140401	795877.5041	10118.07555	20302	803	6688.888707	516172.6082
128	29 COLLECTED ON UNKNOWN DATE. 4 COLLECTED BY W. GREGG ON UNKNOWN DATE (OTHER COLLECTIONS FROM 1940S-1960S). 12 COLLECTED ON 1 MAR 1919, 2 ON 9 JUN 1946, 18 ON 24 JUN 1950, 12 ON 16 APR 1955, 3 ON 15 FEB 1956, AND 14 ON 3 APR 1960.	POSSIBLE IMPACTS FROM RECREATION.	Recreational use (non-ORV)	20200720	795877.5041	10118.07555	20302	803	6688.888707	516172.6082
129	SEE HTTPS://WILDLIFE.CA.GOV/DATA/VEGCAMP/NATURAL-COMMUNITIES TO INTERPRET AND ADDRESS THE PRESENCE OF RARE COMMUNITIES.			19980722	789489.0032	9996.012257	30201	302	8849.604956	662780.9174
130	1 ADULT COLLECTED ON 10 MAY 1968 (LACMENT #1769). 1 ADULT FOUND AND PHOTOGRAPHED ON 1 JUN 2019. 1 ADULT FOUND AND PHOTOGRAPHED ON 8 JUN 2019. 1 ADULT FOUND AND PHOTOGRAPHED ON 3 JUL 2019.			20230831	755365.383	4154.31358	20301	203	5242.671301	580108.5611
131	ONE COLLECTED ON 26 JAN 1961. NEEDS FIELD RESEARCH.			20180426	742083.2838	9529.932729	20301	203	9529.932729	742083.2838
132	SEE HTTPS://WILDLIFE.CA.GOV/DATA/VEGCAMP/NATURAL-COMMUNITIES TO INTERPRET AND ADDRESS THE PRESENCE OF RARE COMMUNITIES.			19980722	737839.8493	9417.370613	30201	302	22.683204	6.145621
133	5 COLLECTED ON UNKNOWN DATE. 12 COLLECTED ON IN 1925. 4 COLLECTED ON 13 NOV 1941.	DEVELOPMENT, POSSIBLE IMPACTS FROM RECREATION.	Development; Recreational use (non-ORV)	20200721	699177.4074	8849.551281	20301	203	4207.896772	311454.0347
134	COLLECTED FROM MILLARD CANYON IN JUN 1976.			20180523	696944.4697	6816.032232	20301	203	2071.158954	134001.6195

135	ONLY SOURCE IS 1917 COLLECTION. NEEDS FIELDWORK.			20041209	665332.1943	8405.384658	10301	103	2751.93906	201811.853
136	RECENT GROUND TRUTH NEEDED. SEE HTTPS://WILDLIFE.CA.GOV/DATA/VEGCAMP/NATURAL-COMMUNITIES TO INTERPRET AND ADDRESS THE PRESENCE OF RARE COMMUNITIES.			19980722	629081.4063	7926.201434	30201	302	1633.431416	97146.24639
137	ONLY SOURCE IS 1915 COLLECTION. NEEDS FIELDWORK.			20041208	601802.0273	7606.226503	10301	103	7606.226503	601802.0273
138	ONLY SOURCE OF INFORMATION FOR THIS SITE IS A 1920 PEIRSON COLLECTION.	LOTS OF DEVELOPMENT IN THIS AREA SINCE COLLECTION WAS MADE BUT THIS SPECIES CAN SURVIVE IN VACANT LOTS.	Development	20150806	570212.1481	7379.606379	10301	103	1456.594572	92698.89301
139	MAPPED ACCORDING TO A 1967 KIEFER COLLECTION. "CLUMP ~8" PLANTS REPORTED FROM "MIDWAY BETWEEN MEL PACKER MESA & MONROVIA FALLS ALONG MAIN TRAIL" IN 2016; PRESUMABLY REFERENCING THE LOWER FALLS, SO PLANTS SEEN AT S END OF MAPPED POLYGON.	NON-NATIVE PLANTS.	Non-native plant impacts	20171026	537359.054	5678.399893	10301	103	2949.13064	259405.9327
140	COLLECTED FROM THIS AREA IN 1922 AND 1923; ONE OF THESE EXPERTLY REIDENTIFIED AS NEWLY DESCRIBED SPECIES A. STEBBINSI BY T. PAPERFUS.			20180426	485666.5541	5152.427442	20301	203	5152.427442	485666.5541
141	ONLY SOURCE IS 1931 COLLECTION. NEEDS FIELDWORK.			20041216	464161.757	6029.081181	10301	103	1571.805883	84126.43453
142	SEE HTTPS://WILDLIFE.CA.GOV/DATA/VEGCAMP/NATURAL-COMMUNITIES TO INTERPRET AND ADDRESS THE PRESENCE OF RARE COMMUNITIES.			19980828	463246.5055	6040.162857	30201	302	6040.162857	463246.5055
143	NEEDS FIELD VERIFICATION. SEE HTTPS://WILDLIFE.CA.GOV/DATA/VEGCAMP/NATURAL-COMMUNITIES TO INTERPRET AND ADDRESS THE PRESENCE OF RARE COMMUNITIES.			19980722	461471.0332	5962.482468	30201	302	5152.448934	371790.0151
144	0 DETECTED DURING 1999 SURVEYS. 2 SINGING MALES HEARD IN 2001. 7-8 PAIRS DETECTED BETWEEN 27 APR-12 JUL 2001; 6 TERRITORIES CONFIRMED ON 14 JUN, ADULTS OBSERVED FEEDING FLEDGLINGS DURING FINAL SURVEYS.	NON-NATIVE ARUNDO DONAX.	Non-native plant impacts	20140403	418766.2576	3140.045827	20201	202	3140.045827	418766.2576
145	32 OBSERVATIONS IN 2010. AT LEAST 2 PAIRS, 3 JUVENILES, AND NEST OBSERVED, 73 OBSERVATIONS IN 2011. UP TO 3 PAIRS AND 8 FLEDGLINGS OBSERVED IN 2015. AT LEAST 3 PAIRS & 8 FLEDGLINGS OBSERVED 27 MAR - 29 JUN 2017.	CONSTRUCTION AND MAINTENANCE ASSOCIATED WITH SUBSTATION AND TRANSMISSION LINES.	Other	20201006	407305.2277	5581.607292	20201	202	5581.607292	407305.2277
146	PARTS OUTSIDE ANGELES NF MAY HAVE BEEN URBANIZED. NEEDS FIELD VERIFICATION OF VEGETATION CONDITION, COMPOSITION. SEE HTTPS://WILDLIFE.CA.GOV/DATA/VEGCAMP/NATURAL-COMMUNITIES TO INTERPRET AND ADDRESS THE PRESENCE OF RARE COMMUNITIES.			19980828	382300.9902	5010.666103	30201	302	1891.257706	127642.9211
147	NEEDS FIELD VERIFICATION OF VEGETATION CONDITION, COMPOSITION. SEE HTTPS://WILDLIFE.CA.GOV/DATA/VEGCAMP/NATURAL-COMMUNITIES TO INTERPRET AND ADDRESS THE PRESENCE OF RARE COMMUNITIES.			19980828	355231.876	4504.512899	30201	302	2581.538755	198233.3122
148	1 ADULT FOUND & PHOTOGRAPHED ON 26 MAY 2020. 1 ADULT (POSSIBLY A QUEEN) FOUND & PHOTOGRAPHED ON 10 JUL 2020. 1 ADULT FOUND & PHOTOGRAPHED ON 2 AUG 2020. 1 ADULT FOUND & PHOTOGRAPHED ON 5 SEP 2020.			20230724	325775.7179	2517.591026	20301	203	2517.591026	325775.7179
149	TYPE LOCALITY. 1000'S OF PLANTS OBSERVED IN 1986. AN UNDATED DAVIDSON COLLECTION, UNDATED HOOD COLLECTION, 1978 & 1981 NAKAI COLLECTIONS, AND 2015 PHOTOS BY MCLEAN AND LONG ARE ALSO ATTRIBUTED TO THIS SITE.			20170726	291229.9885	3834.200683	10201	102	3725.338427	241448.8342

150	SEE HTTPS://WILDLIFE.CA.GOV/DATA/VEGCAMP/NATURAL-COMMUNITIES TO INTERPRET AND ADDRESS THE PRESENCE OF RARE COMMUNITIES.			19980722	285464.5209	3553.570838	30201	302	3553.570838	285464.5209
151	SITE BASED ON 1992 MANOLOVITZ COLLECTION. ERTTER (1993) FAILED TO RELOCATE PLANTS AT "A FAIRLY RECENT POP NEAR IRWINDALE." 1932 WHEELER COLLECTION FROM "SAN GABRIEL WASH AT ARROW HWY, 350 FT" ALSO ATTRIBUTED HERE. INCLUDES FORMER OCC #16.	DEVELOPMENT.	Development	20160119	282742.5492	1885.00494	10501	105	1885.00494	282742.5492
152	1 FOUND, APPARENTLY DEAD, AND PHOTOGRAPHED ON 21 JUN 2016.	POSSIBLY THREATENED BY DEVELOPMENT AND CRUSHING FROM PEDESTRIAN FOOT TRAFFIC.	Development; Foot traffic/trampling	20181214	282742.1702	1884.953791	20501	205	1884.953791	282742.1702
153	SITE BASED ON A 1951 COLLIER COLLECTION. HISTORIC COLLECTIONS FROM "EL MONTE" AND "LEXINGTON WASH AT EL MONTE" ARE ALSO ATTRIBUTED TO THIS SITE.	AREA HIGHLY DEVELOPED SINCE COLLECTIONS WERE MADE; POSSIBLY EXTIRPATED.	Development	20161228	282742.1413	1884.953694	10501	105	1884.953694	282742.1413
154	ONLY SOURCE OF INFORMATION FOR THIS SITE IS A 1967 WHEELER COLLECTION. NEEDS FIELDWORK.			20160108	282741.8953	1885.083539	10501	105	1605.782781	161402.2342
155	SPECIMEN COLLECTED 13 FEB 1973, DEPOSITED AT LACM.			20060926	282659.3718	1884.81565	20501	205	1688.899089	106938.4771
156	ONLY SOURCE OF INFORMATION FOR THIS OCCURRENCE IS A 1960 COLLECTION BY RENNEKER.	DEVELOPMENT NEARBY, BUT PORTIONS OF THIS HILL ARE ALSO PART OF THE MONROVIA WILDERNESS PRESERVE.	Development	20091014	282659.364	1884.815623	10501	105	1884.815623	282659.364
157	2 ADULTS OBSERVED ON 28 MAY 2003 IN SOME GROUNDWATER RECHARGE PONDS.	THREATENED BY POND MAINTENANCE (PONDS ARE MAINTAINED TO BE FREE OF SILT).		20030911	282658.453	1884.84128	20502	805	1884.84128	282658.453
158	2 COLLECTED ON 3 AUG 1903. 1 COLLECTED ON 10 SEP 1936. JENNINGS CONSIDERS THIS POPULATION TO BE EXTIRPATED. THIS AREA SURVEYED BY USGS IN 2001 & 2009 AND NONE WERE FOUND.			20140709	282658.453	1884.84128	20502	805	1884.84128	282658.453
159	ONLY SOURCE OF INFORMATION FOR THIS OCCURRENCE IS A 1967 KIEFER COLLECTION, PLANTS NOTED AS "LOCAL" IN 1967. NEEDS FIELDWORK.			20171030	282629.724	1884.768062	10501	105	1977.814668	156724.1482
160	ONE COLLECTED ON 18 JUL 1948.	DEVELOPMENT.	Development	20180424	282628.974	1884.765137	20501	205	1884.765137	282628.974
161	1 COLLECTED ON 25 AUG 2016 AND 1 ON 27 MAY 2018.	RECREATION, FUEL MAINTENANCE PROJECTS (VEGETATION CLEARING, LOGGING).	Logging; Recreational use (non-ORV); Wood cutting or brush clearing	20200716	282628.8748	1884.764794	20501	205	95.002164	380.719121
162	OCC BASED ON A 1961 HOUT COLLECTION. PERS. COMM. BETWEEN KNUDSEN & HOWARD IN 1977 INDICATE THAT AN OCCURRENCE OF THE PLANT IN "ARROYO SECO, NEAR PASADENA" WAS STILL EXTANT IN 1976; COULD BE REFERRING TO EO #8, 9, OR 13. NEEDS FIELDWORK.			20080506	280151.3033	1878.679596	10501	105	1878.679596	280151.3033
163	COLLECTED BY P. SULLIVAN, JUNE 15, 1971, DEPOSITORY UNKNOWN. BRATTSTROM (1990) CONSIDERS THIS POP EXTIRPATED.			19910612	280142.4756	1878.663693	20501	205	518.700751	4983.16459
164	SITE IS BASED ON MCCLATCHIE COLLECTIONS FROM 1897 AND 1901 COLLECTIONS BY GREATA AND GRANT. A 1903 DAVIDSON ARTICLE REPORTS ONE CLUMP OF PLANTS HERE, UNKNOWN WHEN SEEN.	PRESUMABLY EXTIRPATED BY DEVELOPMENT.	Development	20170425	280133.5903	1878.623539	10501	105	1878.623539	280133.5887

165	COLLECTED BY MICHAEL C. LONG. BRATTSTROM (1990) CONSIDERS THIS POP EXTIRPATED.			19910612	280117.2855	1878.568853	20501	205	1878.568853	280117.2855
166	MUSEUM COLLECTION. LACM #23524, MAY 5, 1954. BRATTSTROM (1990) CONSIDERS THIS POP EXTIRPATED.	AREA SUBJECT TO CONTROLLED INUNDATION.	Dam/Inundation	19951031	280094.8777	1878.493715	20501	205	1878.493715	280094.8777
167	SEE HTTPS://WILDLIFE.CA.GOV/DATA/VEGCAMP/NATURAL-COMMUNITIES TO INTERPRET AND ADDRESS THE PRESENCE OF RARE COMMUNITIES.			19890810	280089.1549	1878.47454	30501	305	1878.47454	280089.1549
168	COLLECTED BY MICHAEL LONG IN A SMALL POND IN SEPTEMBER 1976. OBSERVED BY BRATTSTROM AND MESSER DURING APRIL-DECEMBER 1987 FIELD SURVEY; POPULATION SIZE SMALL.			19951220	280077.7603	1878.436312	20501	205	1878.436312	280077.7603
169	NO OTHER INFO GIVEN. BRATTSTROM (1990) CONSIDERS THIS POP TO BE EXTIRPATED.			19910612	280058.3886	1878.371363	20501	205	1478.967671	132141.3405
170	SEVERAL VIREOS HEARD; DATE OF OBSERVATION UNKNOWN, BUT PROBABLY SUMMER OF 1984, SINCE IT WAS FIRST REPORTED AT THE 12 DEC 1984 LEAST BELL'S VIREO WORKING GROUP MEETING. OTHER NEARBY PITS WITH SURROUNDING VEGETATION MAY ALSO HARBOR VIREOS.			19951025	280017.9812	1878.235848	20501	205	1878.235848	280017.9812
171	1-2 TERRITORIAL MALES OBSERVED FROM 1970-75; POSSIBLY BREEDING INDIVIDUALS. NONE DETECTED DURING 1977 & 1978 SURVEYS. SITE CONSIDERED AN AREA WHERE LEAST BELL'S VIREOS HAD PREVIOUSLY NESTED. NEEDS RESEARCH.	DECLINE OF VIREO POPULATION ATTRIBUTED TO PRESENCE OF COWBIRDS.	Nest parasitism	20140505	280017.7594	1878.235113	20501	205	1386.750189	105283.3995
172	NEEDS FIELD VERIFICATION OF VEGETATION CONDITION, COMPOSITION. SEE HTTPS://WILDLIFE.CA.GOV/DATA/VEGCAMP/NATURAL-COMMUNITIES TO INTERPRET AND ADDRESS THE PRESENCE OF RARE COMMUNITIES.			19980828	274072.1185	3719.395779	30201	302	3719.395779	274072.1185
173	UNKNOWN NUMBER OF PLANTS SEEN IN 1979, 100+ PLANTS IN 1981, 1000+ PLANTS IN 1984, 500+ PLANTS IN 1986, 750 PLANTS IN 1989. SEEN AT FALLS IN 2005 AND 2013. 1971 THORNE COLLECTION ATTRIBUTED HERE. INCLUDES FORMER OCCURRENCES #3, 7 AND 8.	COLLECTION, ROCK CLIMBING. OTHER, NEARBY SITES AT CANYON MOUTH DESTROYED BY MINING; MINING A REMOTE THREAT HERE.	Mining; Over-collecting/poaching; Recreational use (non-ORV)	20170405	273414.712	5570.567033	10201	102	4862.06667	229121.1996
174	ONE COLLECTED ON 1 FEB 1904. SPECIMEN EXAMINED BY T. PAPPENFUSS IN 2014 AND IDENTIFIED AS NEWLY DESCRIBED SPECIES A. STEBBINSI.	DEVELOPMENT.	Development	20180424	272948.9159	3044.281159	20301	203	3044.281159	272948.9159
175	SEE HTTPS://WILDLIFE.CA.GOV/DATA/VEGCAMP/NATURAL-COMMUNITIES TO INTERPRET AND ADDRESS THE PRESENCE OF RARE COMMUNITIES.			19970411	271422.7488	4615.325708	30201	302	4615.325708	271422.7488
176	SEE HTTPS://WILDLIFE.CA.GOV/DATA/VEGCAMP/NATURAL-COMMUNITIES TO INTERPRET AND ADDRESS THE PRESENCE OF RARE COMMUNITIES.			19970414	259863.9435	2174.201658	30201	302	2174.201658	259863.9435
177	1 HEARD ON 17 NOV 2000. 3 DETECTED ON 9 AUG 2011. 1 ADULT FEMALE OBSERVED FORAGING AND CALLING ON 1 FEB 2018.	POSSIBLE REMOVAL OF VEGETATION, RECREATIONAL USE, TRASH, NOISE DISTURBANCE, DOG WALKING.	Other; Recreational use (non-ORV); Vandalism/dumping/litter	20201006	253571.7989	1962.356302	20301	203	1962.123568	252700.3504
178	RECENT GROUND TRUTH NEEDED. SEE HTTPS://WILDLIFE.CA.GOV/DATA/VEGCAMP/NATURAL-COMMUNITIES TO INTERPRET AND ADDRESS THE PRESENCE OF RARE COMMUNITIES.			19980722	253537.5121	3405.641774	30201	302	1717.016887	102673.4853
179	NEEDS FIELD VERIFICATION OF VEGETATION CONDITION, COMPOSITION. SEE HTTPS://WILDLIFE.CA.GOV/DATA/VEGCAMP/NATURAL-COMMUNITIES TO INTERPRET AND ADDRESS THE PRESENCE OF RARE COMMUNITIES.			19980828	245174.6406	3279.647093	30201	302	3279.647093	245174.6406

180	UNKNOWN NUMBER OF EGGS COLLECTED IN 1939. 1 PAIR & 1 FLEDGLING OBSERVED IN 2005. 2 PAIRS & 1 FLEDGLING OBSERVED IN 2007. 3 INDIVIDUALS DETECTED IN 2008. AT LEAST 2 PAIRS & 2 JUVENILES DETECTED IN 2010. 2-3 TERRITORIES DETECTED IN 2011.	TRANSMISSION LINE INSTALLATION INCLUDING ROAD CONSTRUCTION, PREDATION, FLOOD CONTROL, VEG REMOVAL, & BHCO PARASITISM.	Altered flood/tidal/hydrologic regime; Nest parasitism; Other; Road/trail construction/maint.; Wood cutting or brush clearing	20140409	220544.8122	3139.181156	20201	202	1731.478021	50602.39879
181	ONLY SOURCE IS 1918 COLLECTION. NEEDS FIELDWORK.			20041209	211631.6207	2815.401038	10301	103	914.678091	35161.2179
182	NEEDS FIELD VERIFICATION OF VEGETATION CONDITION, COMPOSITION. SEE HTTPS://WILDLIFE.CA.GOV/DATA/VEGCAMP/NATURAL-COMMUNITIES TO INTERPRET AND ADDRESS THE PRESENCE OF RARE COMMUNITIES.			19980831	202303.1073	2822.309655	30201	302	1280.360548	76442.7844
183	SEE HTTPS://WILDLIFE.CA.GOV/DATA/VEGCAMP/NATURAL-COMMUNITIES TO INTERPRET AND ADDRESS THE PRESENCE OF RARE COMMUNITIES.	URBANIZED.		19980831	191061.016	2498.055456	30201	302	2498.055456	191061.016
184	SITE BASED ON A PEIRSON COLLECTION FROM CIRCA 1951. KRANTZ SEARCHED AREA IN 1979, BUT COULD NOT LOCATE SPECIES DUE TO LACK OF SUITABLE HABITAT.	KRANTZ INDICATES HABITAT GONE DUE TO URBANIZATION AND MODIFICATIONS FOR FLOOD CONTROL.	Altered flood/tidal/hydrologic regime; Development; Other	20160422	185444.7645	2483.338865	10301	103	2434.136605	180442.2006
185	RECENT GROUND TRUTH NEEDED. SEE HTTPS://WILDLIFE.CA.GOV/DATA/VEGCAMP/NATURAL-COMMUNITIES TO INTERPRET AND ADDRESS THE PRESENCE OF RARE COMMUNITIES.			19980722	171532.666	2429.541602	30201	302	2237.827576	152393.7104
186	SITE BASED ON SEVERAL COLLECTIONS FROM FISH CANYON WITH THE MOST RECENT COLLECTION MADE BY THORNE & GIBSON IN 1971.			20101001	162491.0907	2269.130414	10301	103	2175.004831	119369.1047
187	SEE HTTPS://WILDLIFE.CA.GOV/DATA/VEGCAMP/NATURAL-COMMUNITIES TO INTERPRET AND ADDRESS THE PRESENCE OF RARE COMMUNITIES.			19980828	154136.7343	2216.058659	30201	302	2216.058659	154136.7343
188	FORAGING CALLS RECORDED ON 12 MAY 2015 AT SOUTH SITE AND ON 22 SEP 2015 AT NORTH SITE.			20160630	141278.6782	1884.645647	20301	203	1884.645647	141278.6782
189	1 ADULT FOUND AND PHOTOGRAPHED ON 7 AUG 2019. 1 ADULT FOUND AND PHOTOGRAPHED ON 4 APR 2020. 1 ADULT FEMALE FOUND AND PHOTOGRAPHED ON 7 JUL 2022.	CA-60 AND OTHER MAJOR ROADS NEARBY- POSSIBLE VEHICLE STRIKES.	Vehicle collisions	20230831	141143.7512	1884.195596	20301	203	1884.195596	141143.7512
190	NEEDS FIELD VERIFICATION. SEE HTTPS://WILDLIFE.CA.GOV/DATA/VEGCAMP/NATURAL-COMMUNITIES TO INTERPRET AND ADDRESS THE PRESENCE OF RARE COMMUNITIES.			19980722	140098.6505	2005.861937	30201	302	1489.850453	93918.6587
191	NEEDS FIELD VERIFICATION OF VEGETATION CONDITION, COMPOSITION. SEE HTTPS://WILDLIFE.CA.GOV/DATA/VEGCAMP/NATURAL-COMMUNITIES TO INTERPRET AND ADDRESS THE PRESENCE OF RARE COMMUNITIES.			19980828	137029.9265	1949.84043	30201	302	1949.84043	137029.9265
192	SEE HTTPS://WILDLIFE.CA.GOV/DATA/VEGCAMP/NATURAL-COMMUNITIES TO INTERPRET AND ADDRESS THE PRESENCE OF RARE COMMUNITIES.			19980831	131908.667	1913.390378	30201	302	1913.390378	131908.667
193	SEE HTTPS://WILDLIFE.CA.GOV/DATA/VEGCAMP/NATURAL-COMMUNITIES TO INTERPRET AND ADDRESS THE PRESENCE OF RARE COMMUNITIES.			19980831	121380.5711	1797.977021	30201	302	1797.977021	121380.5711
194	SEE HTTPS://WILDLIFE.CA.GOV/DATA/VEGCAMP/NATURAL-COMMUNITIES TO INTERPRET AND ADDRESS THE PRESENCE OF RARE COMMUNITIES.			19980722	119299.6081	1691.989874	30201	302	577.22525	5903.518595

195	FEWER THAN 100 PLANTS OBSERVED IN 1984 AND 1986 IN NORTHERN COLONY. THE TWO LOWER COLONIES APPARENTLY EXTIRPATED BY QUARRY ACTIVITY CIRCA 1984/1986. NO PLANTS FOUND IN 1989. INCLUDES FORMER OCCURRENCES #6 AND 10.	RECREATIONAL USE, COLLECTING, QUARRY OPERATIONS.	Mining; Over-collecting/poaching; Recreational use (non-ORV)	20170405	118155.8976	2178.705274	10201	102	32.671963	37.276031
196	SEE HTTPS://WILDLIFE.CA.GOV/DATA/VEGCAMP/NATURAL-COMMUNITIES TO INTERPRET AND ADDRESS THE PRESENCE OF RARE COMMUNITIES.	EXTIRPATED BY ROAD.		19980831	109865.0841	1653.331474	30201	302	1653.331474	109865.0841
197	ONLY SOURCE IS 1932 COLLECTION. NEEDS FIELDWORK.			20041215	96796.97947	1440.57653	10301	103	1440.14953	96736.46926
198	1 OBSERVED & PHOTOGRAPHED 21 JUL & 1 ON 17 AUG 2019. 1 OBSERVED & PHOTOGRAPHED ON 3 JUL, 6 ON 8 JUL, & 3 ON 2 AUG 2020.			20201110	92903.36253	2037.020895	20201	202	2037.020895	92903.36253
199	NEEDS FIELD VERIFICATION OF VEGETATION CONDITION, COMPOSITION. SEE HTTPS://WILDLIFE.CA.GOV/DATA/VEGCAMP/NATURAL-COMMUNITIES TO INTERPRET AND ADDRESS THE PRESENCE OF RARE COMMUNITIES.			19980828	90328.11664	1407.033343	30201	302	1407.033343	90328.11664
200	NEEDS FIELD VERIFICATION OF VEGETATION CONDITION, COMPOSITION. SEE HTTPS://WILDLIFE.CA.GOV/DATA/VEGCAMP/NATURAL-COMMUNITIES TO INTERPRET AND ADDRESS THE PRESENCE OF RARE COMMUNITIES.			19980828	90169.56984	1415.061425	30201	302	1301.426777	65876.88406
201	COLLECTED IN 1906, 1921, 1922, AND 1923. 1 NEST WITH 4 FLEDGLINGS OBSERVED IN 1920. PAIR WITH 3 NESTS (2 FAILED) IN 1921. PAIR WITH 3 NESTS (1 FAILED) OBSERVED IN 1927. 1 ADULT OBSERVED AND 1 HEARD CALLING ON 3 APR 2010.			20200921	86385.52249	1331.479967	20201	202	1331.479967	86385.52249
202	5 ADULTS & 1 JUVENILE SAMPLED 8 JAN 2002. 3 ADULTS & 2 JUVENILES SAMPLED 13 FEB 2002.	MINE SITE BEING RESTORED, RIPARIAN BUFFER BEING PLANTED, BARRIERS BEING REMOVED FROM STREAM CHANNEL TO IMPROVE FLOW.		20050714	82936.17275	1199.954772	20201	202	554.342598	9957.235012
203	DETECTED IN 2014 DURING ACOUSTIC MONITORING. TWO DISTINCT PERIODS OF FORAGING CALLS DETECTED AT BIOACOUSTIC MONITORING STATION ON 22 SEP 2015.			20160627	70685.43027	942.490426	20401	204	934.796488	68476.1298
204	3 COLLECTED ON 2 DEC 1946.	POSSIBLE IMPACTS FROM RECREATION.	Recreational use (non-ORV)	20200716	70685.30984	942.582779	20401	204	915.663068	63392.12427
205	1 FOUND AND PHOTOGRAPHED ON 3 OCT 2018.			20181214	70685.26708	942.579699	20401	204	942.579699	70685.26708
206	ONE COLLECTED ON 18 FEB 1962.			20180426	70685.24647	942.532589	20401	204	942.532589	70685.24647
207	1 FOUND AND PHOTOGRAPHED ON 12 JUN 2018.			20181214	70685.23026	942.475858	20401	204	942.475858	70685.23026
208	1 FOUND AND PHOTOGRAPHED ON 7 JAN 2017.			20181214	70685.14358	942.481014	20401	204	942.481014	70685.14358
209	ONLY SOURCE OF INFORMATION FOR THIS OCCURRENCE IS A 1997 COLLECTION BY SWINNEY; PLANTS NOTED AS "UNCOMMON."			20120302	70602.59981	942.20026	10401	104	854.911602	49974.8625
210	1 FOUND DEAD ON ROAD AND PHOTOGRAPHED ON 28 MAY 2017.	ROAD MORTALITY DUE TO VEHICLE STRIKES.	Vehicle collisions	20181214	70576.02295	942.118529	20401	204	942.118529	70576.02295
211	1 ADULT FEMALE FOUND AND PHOTOGRAPHED ON 24 JUL 2022.			20240103	70571.87746	942.097807	20401	204	942.097807	70571.87746

212	1 ADULT FOUND AND PHOTOGRAPHED ON 26 SEP 2022.			20230828	70571.87734	942.097807	20401	204	942.097807	70571.87734
213	1 ADULT FOUND AND PHOTOGRAPHED ON 22 JUL 2019.			20230828	70571.87717	942.097807	20401	204	942.097807	70571.87717
214	1 ADULT FOUND AND PHOTOGRAPHED ON 18 SEP 2019. 1 ADULT FOUND AND PHOTOGRAPHED IN AUG 2022.			20230830	70571.87688	942.097807	20401	204	942.097807	70571.87688
215	1 ADULT FOUND AND PHOTOGRAPHED ON 13 MAY 2020.			20230822	70571.87688	942.097807	20401	204	942.097807	70571.87688
216	1 ADULT FEMALE FOUND AND PHOTOGRAPHED ON 27 JUL 2023.	POSSIBLE HUMAN DISTURBANCE; EAST LOS ANGELES COLLEGE HAS APPROXIMATELY 30,000 STUDENTS.	Other	20240104	70571.87688	942.097807	20401	204	942.097807	70571.87688
217	1 ADULT FOUND AND PHOTOGRAPHED ON 11 SEP 2017.			20230713	70571.87627	942.097807	20401	204	942.097807	70571.87627
218	POP NUMBERS FOR PORTIONS OF SITE: 42 IN 1993, 1-2 IN 1996, 24 IN 1995 & 1997, 31 IN 1998, & ~330 IN 2001 AT 2 SITES. SITE SCRAPED BEFORE 11/2002, OVER 100 PLANTS ELIMINATED. 1465 IN 2004, 286 IN 2007, 300 IN 2009, <50 IN 2013, 1 IN 2019.	POTENTIAL DEVELOPMENT, INVASION BY EXOTICS, FUEL MODIFICATION, TRAFFIC, ROAD MAINTENANCE, DELIBERATE SCRAPING.	Development; Non-native plant impacts; Other; Road/trail construction/maint.; Wood cutting or brush clearing	20201005	62389.88149	2244.818221	10201	102	2244.818221	62389.88149
219	AN ADULT WAS FOUND BY DEBRIS FLIPPING AND PHOTOGRAPHED ON 4 MAR 2016. 1 INDIVIDUAL WAS FOUND AND PHOTOGRAPHED ON 25 APR 2018; APPARENTLY A BIOLOGY CLASS FOUND 1 INDIVIDUAL AND WAS POSTED 10 TIMES ON INATURALIST.			20181220	53493.11327	920.080449	20201	202	920.080449	53493.11327
220	1 OBSERVED AND PHOTOGRAPHED 28 APR, 1 ON 29 APR, 1 ON 2 MAY 2018. 1 OBSERVED & PHOTOGRAPHED ON 11 APR, 1 ON 24 APR & 1 ON 30 APR 2020.			20201105	36264.51002	747.971158	20201	202	747.971158	36264.51002
221	2 PAIRS DETECTED BETWEEN 13 MAY-29 JUL 2013; 1 PAIR OBSERVED FEEDING AT LEAST 1 FLEDGLING, OTHER PAIR HAD POSSIBLE NEST BUT WAS NOT CONFIRMED. AREA EXPERIENCED A FIRE IN JUL, BOTH PAIRS RELOCATED TO SAWPIT WASH (VICINITY OF OCC. 554).	FIRE, VEGETATION MODIFICATION FOR HOMELESS ENCAMPMENT & RECREATION, AND FLOOD CONTROL PRACTICES.	Altered flood/tidal/hydrologic regime; Improper burning regime; Recreational use (non-ORV)	20140403	27991.29264	601.303127	20201	202	601.303127	27991.29264
222	IN 2010, POPULATIONS NUMBERS FROM WESTERNMOST POLYGON TO EASTERNMOST POLYGON WERE 118, 1, 1, 245, AND 1.	POSSIBLY THREATENED BY THE SCE TEHACHAPI RENEWABLE ENERGY PROJECT.	Development	20111202	27003.64456	1318.571479	10201	102	773.126621	11264.43451
223	3 PLANTS OBSERVED IN 2009. 1926 COLLECTION BY ACKLEY FROM MONROSE ALSO ATTRIBUTED TO THIS OCCURRENCE.	THREATENED BY VEGETATION CLEARANCE, CONTROLLED BURNS, EXOTIC PLANTS, HERBIVORY, POSSIBLE COLLECTION BY PUBLIC.	Improper burning regime; Non-native plant impacts; Other; Over-collecting/poaching; Road/trail construction/maint.	20091210	20947.94708	513.57222	10101	101	492.273985	11137.17942
224	1 PHOTOGRAPHED ON 8 MAY 2020.	POSSIBLE IMPACTS FROM RECREATION.	Recreational use (non-ORV)	20200729	20105.91004	502.7241	20101	201	502.7241	20105.91004
225	ONE FOUND IN A YARD AND COLLECTED ON 7 MAY 1978			20180424	20105.88011	502.654666	20101	201	502.654666	20105.88011

226	1 PLANT OBSERVED IN 2010.			20170323	20105.87226	502.652906	10101	101	502.652906	20105.87226
227	AT LEAST 1 FOUND ON 19 MAR 2020.	POSSIBLE IMPACTS FROM RECREATION.	Recreational use (non-ORV)	20200721	20105.85919	502.652745	20101	201	502.652745	20105.85919
228	1 FOUND ON RESIDENTIAL ROAD ADJACENT TO HAHAMONGNA WATERSHED PARK, PHOTOGRAPHED, AND RELOCATED TO APPROPRIATE HABITAT ON 29 JUL 2018.			20181221	20105.85652	502.652709	20101	201	502.652709	20105.85652
229	1 FOUND AND PHOTOGRAPHED ON 4 MAY 2018.			20181220	20105.84863	502.652611	20101	201	502.652611	20105.84863
230	MAIN SOURCE OF INFORMATION FOR THIS SITE IS A 2009 SWINNEY COLLECTION. A 1928 HOWELL COLLECTION FROM "MONROVIA CANYON NEAR THE DAM" IS ALSO ATTRIBUTED TO THIS SITE.			20151218	20105.83977	502.652516	10101	101	502.652516	20105.83977
231	COLLECTION MADE BY M. RUGGLES AT THE SAME LOCATION IN 1973, 1977, 1978, AND 1982.	DEVELOPMENT.	Development	20180426	20105.83678	502.652462	20101	201	502.652462	20105.83678
232	2 OBSERVED ON 19 MAR 2020.	POSSIBLE IMPACTS FROM RECREATION.	Recreational use (non-ORV)	20200716	20105.56766	503.027601	20101	201	503.027601	20105.56766
233	1 PLANT COLLECTED IN 1980 OR 1981. AREA SEARCHED IN SUBSEQUENT YEARS BUT NOT SEEN SINCE; LAST DOCUMENTED SEARCH WAS IN MID-1990S, NO PLANTS FOUND. AREAS SURROUNDING MAPPED SITE SEARCHED IN 2002, NONE FOUND. INCLUDES FORMER EOS #3 AND 4.	POSSIBLY EXTIRPATED FROM DRY YEARS, HUMAN-CAUSED FIRES, AND INVASIVES.	Improper burning regime; Non-native plant impacts; Other	20170103	20105.16235	502.648324	10101	101	502.648324	20105.16235
234	SINGLE PLANT OBSERVED IN 1979. AREA SEARCHED IN SUBSEQUENT YEARS BUT HAS NOT BEEN SEEN SINCE; LAST DOCUMENTED SEARCH WAS IN THE MID-1990S, NO PLANTS FOUND. NEEDS FIELDWORK.	POSSIBLY EXTIRPATED FROM DRY YEARS, HUMAN-CAUSED FIRES, AND INVASIVES.	Improper burning regime; Non-native plant impacts; Other	20170103	20104.96551	502.861749	10101	101	502.861749	20104.96551
235	1 OBSERVED AND PHOTOGRAPHED ON 4 JUL 2019.			20201112	20074.33578	502.459804	20101	201	502.459804	20074.33578
236	1 SHELL FOUND ON 4 JUL 2020.			20200716	20074.31091	502.459824	20101	201	502.459824	20074.31091
237	1 ADULT FOUND AND COLLECTED ON 1 DEC 2015; DEPOSITED AT SBMNH.	RESIDENTIAL DEVELOPMENT, PESTICIDE USE, CATS.	Biocides; Development; Non-native animal impacts; Other	20170418	20073.78395	502.452276	20101	201	502.452276	20073.78395
238	11-50 PLANTS OBSERVED IN 2018.			20200928	20073.7756	502.452165	10101	101	502.452165	20073.7756
239	1 FOUND DEAD AND PHOTOGRAPHED ON 25 APR 2018; TAIL END APPEARS TO BE CRUSHED IN PHOTO.			20181220	20073.75241	502.451881	20101	201	502.451881	20073.75241
240	ABOUT 20 PLANTS OBSERVED IN 2001.	PROPOSED HIGH SCHOOL DEVELOPMENT. PART OF SITE CLEARED FOR A PAD IN THE PAST.	Development	20020520	20023.40127	502.137372	10101	101	502.137372	20023.40127
241	100 PLANTS OBSERVED IN 2009.	WEEDS PRESENT.	Non-native plant impacts	20101118	20023.32386	502.136401	10101	101	502.136401	20023.32386
242	1 PAIR DETECTED BETWEEN 13 MAY-29 JUL 2013; PAIR OBSERVED FEEDING AT LEAST 1 FLEDGLING. PAIRS FROM OCC. 553 APPEARED TO HAVE RELOCATED TO THIS AREA AFTER A FIRE BETWEEN 19-21 JUL.	FIRE, VEGETATION MODIFICATION FOR HOMELESS ENCAMPMENT & RECREATION, AND FLOOD CONTROL PRACTICES.	Altered flood/tidal/hydrologic regime; Improper burning regime; Recreational use (non-ORV)	20140403	20023.32386	502.136401	20101	201	502.136401	20023.32386

243	ONE MALE WAS HEARD SINGING ON 19 MAY 2015. FOUR EGGS THAT WERE COLLECTED 24 MAY 1924 FROM THE EDGE OF THE WASH, EATON CANYON, ALTADENA, ARE ALSO ATTRIBUTED HERE.	THREATENED BY THE CLEARING OF VEGETATION AND SEDIMENT WITHIN THE BASIN. AREA IS SURROUNDED BY DEVELOPMENT.	Development; Other; Wood cutting or brush clearing	20150520	20023.32365	502.136401	20101	201	502.136401	20023.32365
244	THEODORE PAYNE LIKELY PLANTED THESE PLANTS HERE; PLANTS ARE IN A ROW. 6 PLANTS IN 1976, 5 IN 1979 & 1987. IN 1987, PLANTS DID NOT APPEAR TO BE REGENERATING. UNKNOWN NUMBER OF PLANTS OBSERVED IN 1999. INCLUDES FORMER EO #18.	SPREAD OF WEEDING NON-NATIVE PLANTS, ROAD WIDENING, DUMPING, EROSION, TRAILS (1987).	Erosion/runoff; Foot traffic/trampling; Non-native plant impacts; Road/trail construction/maint.; Vandalism/dumping/litter	20080509	20023.32356	502.136398	10101	101	502.136398	20023.32356
245	1 ADULT FEMALE HEARD, THEN SEEN, ON 24 FEB 2007. THIS IS A HISTORICAL LOCALITY BUT CAGN HAVEN'T BEEN REPORTED FROM THIS AREA FOR AT LEAST 3 DECADES.			20100811	20023.32089	502.136364	20101	201	502.136364	20023.32089
246	1 PLANT OBSERVED IN 2005.	POSSIBLE FUTURE EXPANSION OF AREAS IMPACTED BY MAINTENANCE ACTIVITIES AT THE DEBRIS BASIN.	Other	20091214	20021.34623	502.113618	10101	101	502.113618	20021.34623
247	ABOUT 1500 PLANTS OBSERVED IN 2009. WESTERN POLYGON: 2000 PLANTS OBSERVED IN 2010, 12 IN 2015. UNKNOWN NUMBER OF PLANTS OBSERVED IN 2 EASTERN POLYGONS IN 2011.	FIELD APPEARS TO BE ANNUALLY PLOWED OR MOWED.	Disking	20150806	16533.74649	775.251809	10201	102	775.251809	16533.74649
248	1 PLANT OBSERVED IN EACH POLYGON IN 2010.	POSSIBLY THREATENED BY THE SCE TEHACHAPI RENEWABLE ENERGY PROJECT.	Development	20111202	8445.654601	564.875335	10201	102	64.899644	94.958532
249	RD 1N36 S OF WHITE SADDLE SEARCHED IN 1979, NO PLANTS FOUND. AREA SOUTH OF MAPPED SITE SEARCHED IN OCT/NOV 1989 BY M. LONG, NO PLANTS. NORTH POLYGON: 1 CLUMP OBSERVED IN 2000 AND 2001. SOUTH POLYGON: 1 PATCH OBSERVED IN 1999 AND 2001.	FUTURE ROAD AND FIREBREAK MAINTENANCE MAY IMPACT POPULATION.	Road/trail construction/maint.	20140912	5630.436476	376.583559	10201	102	376.583559	5630.436476
250	SOUTHERN POLYGON: OBSERVED IN 2003. NORTHERN POLYGON: FEWER THAN 10 OBSERVED IN 2008, 20 PLANTS OBSERVED IN 2010. A 1919 PEIRSON COLLECTION FROM "RIDGE BETWEEN MONROVIA CANYON AND FISH CANYON, 3250 FT" IS ALSO ATTRIBUTED TO THIS SITE.	PROPOSED IMPACT AREA ASSOCIATED WITH SCE POWERLINE CONSTRUCTION COULD EXTIRPATE POPULATION (2008).	Road/trail construction/maint.	20140915	5630.434027	376.583477	10201	102	185.724432	2671.894093
251	3 PLANTS SEEN IN 1980. 2 DRYING PLANTS IN 1981. EXTIRPATED BY NEW HOME DEVELOPMENT (1986). 2 POPULATIONS OCCUR HERE IN OR ADJACENT TO PROPOSED HOUSING PROJECT ACCORDING TO MARY MEYER (CITED BY FOTHERINGHAM, 1998). DESTROYED BY DEVELOPMENT.	HILL TO BE REMOVED AFTER JUNE 1981 FOR HOMES.	Development	20160421	5202.876011	260.633667	10201	102	260.633667	5202.876011
252	100 PLANTS OBSERVED IN 2010.	POSSIBLY THREATENED BY THE SCE TEHACHAPI RENEWABLE ENERGY PROJECT.	Development	20111202	5195.975452	258.275435	10201	102	258.275435	5195.975452
253	3 PLANTS OBSERVED IN 1994. 1-2 PLANTS SEEN IN 1996 BY KEELEY, NONE IN 1997. FEWER THAN 20 OBSERVED IN 2001. SOME SEEDS COLLECTED AND DEPOSITED AT THE RANCHO SANTA ANA BOTANIC GARDEN.	ROAD WIDENING WOULD ELIMINATE THIS POPULATION. POTENTIAL FOR DEVELOPMENT, BUT RESIDENTS ATTEMPTING TO PROTECT SITE.	Development; Improper burning regime; Road/trail construction/maint.	20021025	4667.695354	249.40143	10201	102	249.40143	4667.695354

Appendix F

Cultural Resources Data

NATIVE AMERICAN HERITAGE COMMISSION

January 16, 2024

Claudia Camacho-Trejo
ESA

Via Email to: ccamacho-trejo@esassoc.com

Re: West San Gabriel Valley Area Plan (WSGVAP) Project, Los Angeles County

Dear Ms. Camacho-Trejo:

A record search of the Native American Heritage Commission (NAHC) Sacred Lands File (SLF) was completed for the information submitted for the above referenced project. The results were positive. Please contact the Gabrieleno Band of Mission Indians – Kizh Nation on the attached list for information. Please note that tribes do not always record their sacred sites in the SLF, nor are they required to do so. A SLF search is not a substitute for consultation with tribes that are traditionally and culturally affiliated with a project's geographic area. Other sources of cultural resources should also be contacted for information regarding known and recorded sites, such as the appropriate regional California Historical Research Information System (CHRIS) archaeological Information Center for the presence of recorded archaeological 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. Please contact all of those listed; if they cannot supply information, they may 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: Andrew.Green@nahc.ca.gov.

Sincerely,



Andrew Green
Cultural Resources Analyst

Attachment



CHAIRPERSON
Reginald Pagaling
Chumash

VICE-CHAIRPERSON
Buffy McQuillen
Yokayo Pomo, Yuki,
Nomlaki

SECRETARY
Sara Dutschke
Miwok

PARLIAMENTARIAN
Wayne Nelson
Luiseño

COMMISSIONER
Isaac Bojorquez
Ohlone-Costanoan

COMMISSIONER
Stanley Rodriguez
Kumeyaay

COMMISSIONER
Laurena Bolden
Serrano

COMMISSIONER
Reid Milanovich
Cahuilla

COMMISSIONER
Vacant

EXECUTIVE SECRETARY
**Raymond C.
Hitchcock**
Miwok, Nisenan

NAHC HEADQUARTERS
1550 Harbor Boulevard
Suite 100
West Sacramento,
California 95691
(916) 373-3710
nahc@nahc.ca.gov
NAHC.ca.gov

**Native American Heritage Commission
Native American Contact List
Los Angeles County
1/16/2024**

Tribe Name	Fed (F) Non-Fed (N)	Contact Person	Contact Address	Phone #	Fax #	Email Address	Cultural Affiliation	Counties	Last Updated
Fernandeno Tataviam Band of Mission Indians	N	Sarah Brunzell, CRM Manager	1019 Second Street San Fernando, CA, 91340	(818) 837-0794		CRM@tataviam-nsn.us	Tataviam	Kern, Los Angeles, Ventura	5/25/2023
Gabrieleno Band of Mission Indians - Kizh Nation	N	Christina Swindall Martinez, Secretary	P.O. Box 393 Covina, CA, 91723	(844) 390-0787		admin@gabrielenoindians.org	Gabrieleno	Los Angeles, Orange, Riverside, San Bernardino, Santa Barbara, Ventura	8/18/2023
Gabrieleno Band of Mission Indians - Kizh Nation	N	Andrew Salas, Chairperson	P.O. Box 393 Covina, CA, 91723	(844) 390-0787		admin@gabrielenoindians.org	Gabrieleno	Los Angeles, Orange, Riverside, San Bernardino, Santa Barbara, Ventura	8/18/2023
Gabrieleno/Tongva San Gabriel Band of Mission Indians	N	Anthony Morales, Chairperson	P.O. Box 693 San Gabriel, CA, 91778	(626) 483-3564	(626) 286-1262	GTtribalcouncil@aol.com	Gabrieleno	Los Angeles, Orange, Riverside, San Bernardino, Ventura	12/4/2023
Gabrielino /Tongva Nation	N	Sandonne Goad, Chairperson	106 1/2 Judge John Aiso St., #231 Los Angeles, CA, 90012	(951) 807-0479		sgoad@gabrielino-tongva.com	Gabrielino	Los Angeles, Orange, Riverside, San Bernardino, Ventura	3/28/2023
Gabrielino Tongva Indians of California Tribal Council	N	Christina Conley, Cultural Resource Administrator	P.O. Box 941078 Simi Valley, CA, 93094	(626) 407-8761		christina.marsden@alumni.usc.edu	Gabrielino	Los Angeles, Orange, Riverside, San Bernardino, Santa Barbara, Ventura	3/16/2023
Gabrielino Tongva Indians of California Tribal Council	N	Robert Dorame, Chairperson	P.O. Box 490 Bellflower, CA, 90707	(562) 761-6417	(562) 761-6417	gtongva@gmail.com	Gabrielino	Los Angeles, Orange, Riverside, San Bernardino, Santa Barbara, Ventura	3/16/2023
Gabrielino-Tongva Tribe	N	Sam Dunlap, Cultural Resource Director	P.O. Box 3919 Seal Beach, CA, 90740	(909) 262-9351		tongvatcr@gmail.com	Gabrielino	Los Angeles, Orange, Riverside, San Bernardino, Ventura	5/30/2023

This list is current only as of the date of this document. 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 Resource Section 5097.98 of the Public Resources Code.

This list is only applicable for contacting local Native Americans with regard to cultural resources assessment for the proposed West San Gabriel Valley Area Plan (WSGVAP) Project, Los Angeles County.

Record: PROJ-
2024-000243
Report Type: List of
Tribes
Counties: Los
Angeles
NAHC Group: All

February 26, 2024

Gabrieleno Band of Mission
Indians-Kizh Nation
Andrew Salas, Chairperson
P.O. Box 393
Covina, CA 91723

SUBJECT: AB 52 Project Notification and Request to Consult Letter for the Proposed Project West San Gabriel Valley Area Plan (WSGVAP) in Los Angeles County, California

Dear Mr. Salas:

This letter is to provide written notification in compliance with Assembly Bill 52 (AB 52). As such and pursuant to Section 21080.3.1 (d) of the Public Resources Code, if you wish to initiate consultation, please submit your written request for consultation with Los Angeles County Planning (County Planning) regarding this project and its potential impacts to tribal cultural resources within 30 days from receipt of this letter.

County Planning is in the process of developing an Area Plan for the West San Gabriel Valley area, referred to as the West San Gabriel Valley Area Plan (WSGVAP). The WSGVAP is a new community-based plan that focuses on land use and policy issues that are specific to the unique characteristics and needs of the West San Gabriel Valley (WSGV) Planning Area and its communities. The WSGVAP is intended to guide long-term growth for the unincorporated areas within the WSGV Planning Area by encouraging development of housing options and affordability, preserving/sustaining open space, conserving natural resources, protecting community health, safety, and general welfare, increasing access to community amenities, and promoting areas suitable for growth away from hazards. Goals, policies, and implementation programs would be developed for the WSGVAP to support these objectives, especially to support smart growth and sustainable development throughout the WSGV Planning Area. The WSGVAP (Project No. PRJ2023-003982) would execute these goals primarily through, but not limited to, an Environmental Assessment (No. RPPL2023005884), General Plan Amendment (No. RPPL2023005882), a Zone Change (No. RPPL2023005883), and an Advance Planning Case (No. RPPL2023005880).

The WSGV Planning Area is one of the County's 11 Planning Areas identified in the County General Plan. The WSGV Planning Area encompasses 23.2 square miles within the southeast portion of Los Angeles County and is bound by the Antelope Valley Planning Area and the San Gabriel Mountains to the north, the East San Gabriel Valley Area Planning Area to the east, the Gateway Planning Area to the south, and the Metro and San Fernando Valley Planning Areas to the west. The WSGV Planning Area includes the following nine unincorporated communities of the County: Altadena, East Pasadena-East San Gabriel,

Kinneloa Mesa, La Crescenta-Montrose, San Pasqual, South Monrovia Islands, South San Gabriel, Whittier Narrows, and South El Monte Island. Collectively, these communities are referred to as the “WSGVAP Communities.” The WSGV Planning Area and its associated communities are identified on Figure 1, Regional Location with WSGVAP Communities.

The WSGV Planning Area includes the foothills of the San Gabriel Mountains and Angeles National Forest and provides a large range of open space and recreational opportunities for area residents. The San Gabriel River flows north-south along the Planning Area’s eastern border and Interstate 605. Two major east-west freeways, Interstate 10 and Interstate/State Route-210, run through the WSGV Planning Area. In addition, the Metro A Line runs through unincorporated East Pasadena-East San Gabriel. Other available transit options include Foothill Transit, which operates multiple bus lines throughout the WSGV Planning Area.

The WSGV Planning Area is comprised of mature, suburban communities, including some in the foothills of the San Gabriel Mountains. Some of these communities contain environmental resources and others face hazardous constraints. Portions of the Altadena Foothills and Arroyos Significant Ecological Area (SEA) and Puente Hills SEA are included in the WSGV Planning Area. In addition, many of the foothill communities are designated Very High Fire Hazard Severity Zones, which reflects the increased threat of wildfires and subsequent mudslides within those areas. Many of the unincorporated areas are isolated islands of almost entirely residential development. It is important to coordinate land use in unincorporated areas with their surrounding communities, where many of the services and daily needs of the unincorporated residents are found.

Per AB 52, you have the right to consult on a proposed public or private project prior to the release of a negative declaration, mitigated negative declaration or environmental impact report. As identified above, you have 30 calendar days from receipt of this letter to notify us in writing that you wish to consult on this Project. Los Angeles County Planning understands that information you provide may be sensitive, protected, or confidential. Any information provided, or any exchange of information regarding tribal cultural resources as a result of consultation with County Planning will be recorded and managed in accordance with State law (California Code of Regulations Section 15120(d), Public Resources Code Sections 5097.9, 5097.993, 21082.3). Please provide your contact information, and mail or email your request to me at the address below.

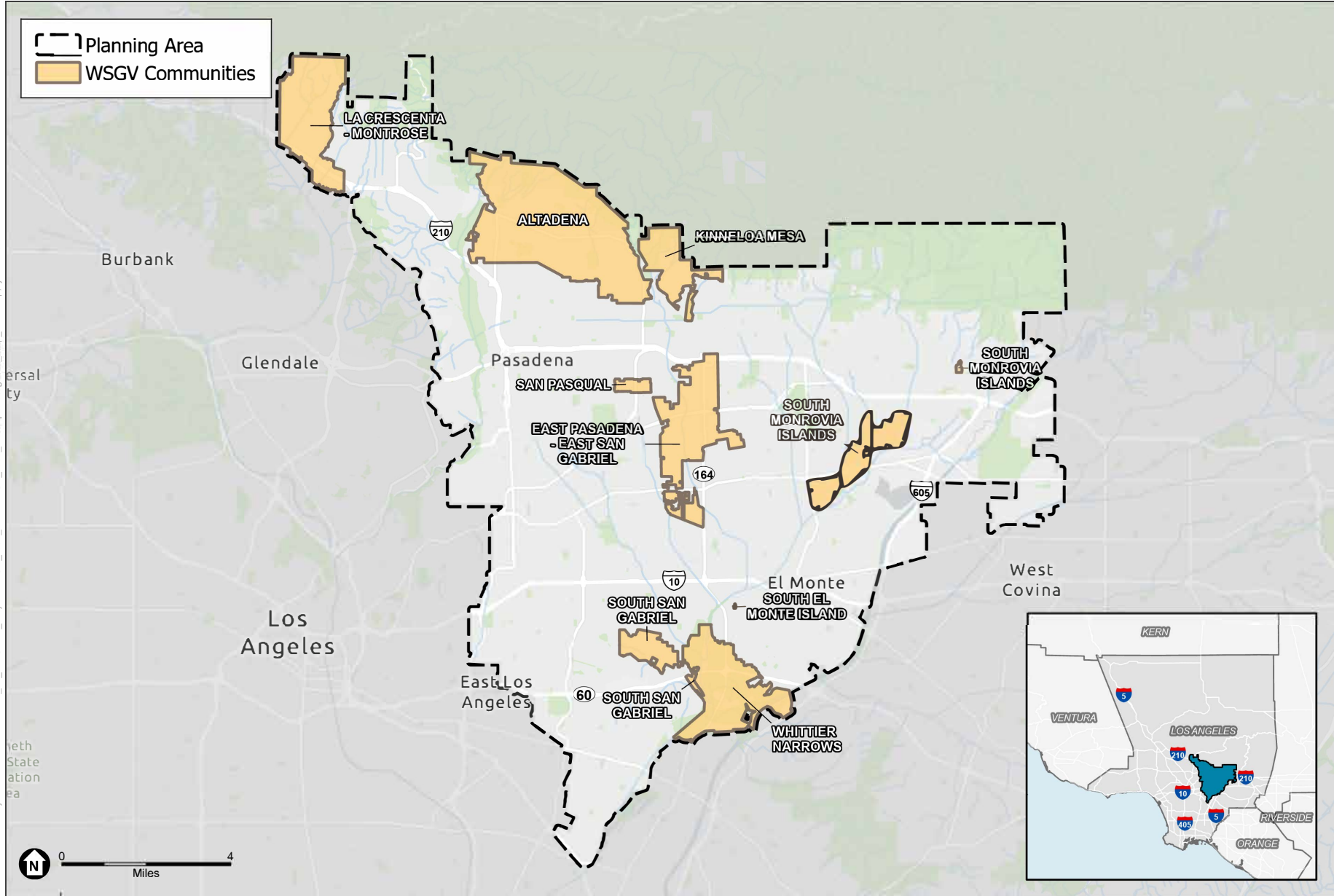
Sincerely,

Evan Sensibile

Evan Sensibile, Regional Planner
County of Los Angeles
Department of Regional Planning
320 West Temple Street, Room 1362
Los Angeles, California 90012
Email: ESensibile@planning.lacounty.gov

Tel: (213) 974-6425
Fax: (213) 626-0434

Figure 1: Regional Location with WSGVAP Communities



SOURCE: Los Angeles DPR, 2023; ESA, 2023.

West San Gabriel Valley Area Plan

Regional Location with WSGVAP Communities



February 26, 2024

Gabrieleno Band of Mission Indians-Kizh Nation
Christina Swindall Martinez, Secretary
P.O. Box 393
Covina, CA 91723

SUBJECT: AB 52 Project Notification and Request to Consult Letter for the Proposed Project West San Gabriel Valley Area Plan (WSGVAP) in Los Angeles County, California

Dear Mrs. Swindall Martinez:

This letter is to provide written notification in compliance with Assembly Bill 52 (AB 52). As such and pursuant to Section 21080.3.1 (d) of the Public Resources Code, if you wish to initiate consultation, please submit your written request for consultation with Los Angeles County Planning (County Planning) regarding this project and its potential impacts to tribal cultural resources within 30 days from receipt of this letter.

County Planning is in the process of developing an Area Plan for the West San Gabriel Valley area, referred to as the West San Gabriel Valley Area Plan (WSGVAP). The WSGVAP is a new community-based plan that focuses on land use and policy issues that are specific to the unique characteristics and needs of the West San Gabriel Valley (WSGV) Planning Area and its communities. The WSGVAP is intended to guide long-term growth for the unincorporated areas within the WSGV Planning Area by encouraging development of housing options and affordability, preserving/sustaining open space, conserving natural resources, protecting community health, safety, and general welfare, increasing access to community amenities, and promoting areas suitable for growth away from hazards. Goals, policies, and implementation programs would be developed for the WSGVAP to support these objectives, especially to support smart growth and sustainable development throughout the WSGV Planning Area. The WSGVAP (Project No. PRJ2023-003982) would execute these goals primarily through, but not limited to, an Environmental Assessment (No. RPPL2023005884), General Plan Amendment (No. RPPL2023005882), a Zone Change (No. RPPL2023005883), and an Advance Planning Case (No. RPPL2023005880).

The WSGV Planning Area is one of the County's 11 Planning Areas identified in the County General Plan. The WSGV Planning Area encompasses 23.2 square miles within the southeast portion of Los Angeles County and is bound by the Antelope Valley Planning Area and the San Gabriel Mountains to the north, the East San Gabriel Valley Area Planning Area to the east, the Gateway Planning Area to the south, and the Metro and San Fernando Valley Planning Areas to the west. The WSGV Planning Area includes the following nine unincorporated communities of the County: Altadena, East Pasadena-East San Gabriel,

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Per AB 52, you have the right to consult on a proposed public or private project prior to the release of a negative declaration, mitigated negative declaration or environmental impact report. As identified above, you have 30 calendar days from receipt of this letter to notify us in writing that you wish to consult on this Project. Los Angeles County Planning understands that information you provide may be sensitive, protected, or confidential. Any information provided, or any exchange of information regarding tribal cultural resources as a result of consultation with County Planning will be recorded and managed in accordance with State law (California Code of Regulations Section 15120(d), Public Resources Code Sections 5097.9, 5097.993, 21082.3). Please provide your contact information, and mail or email your request to me at the address below.

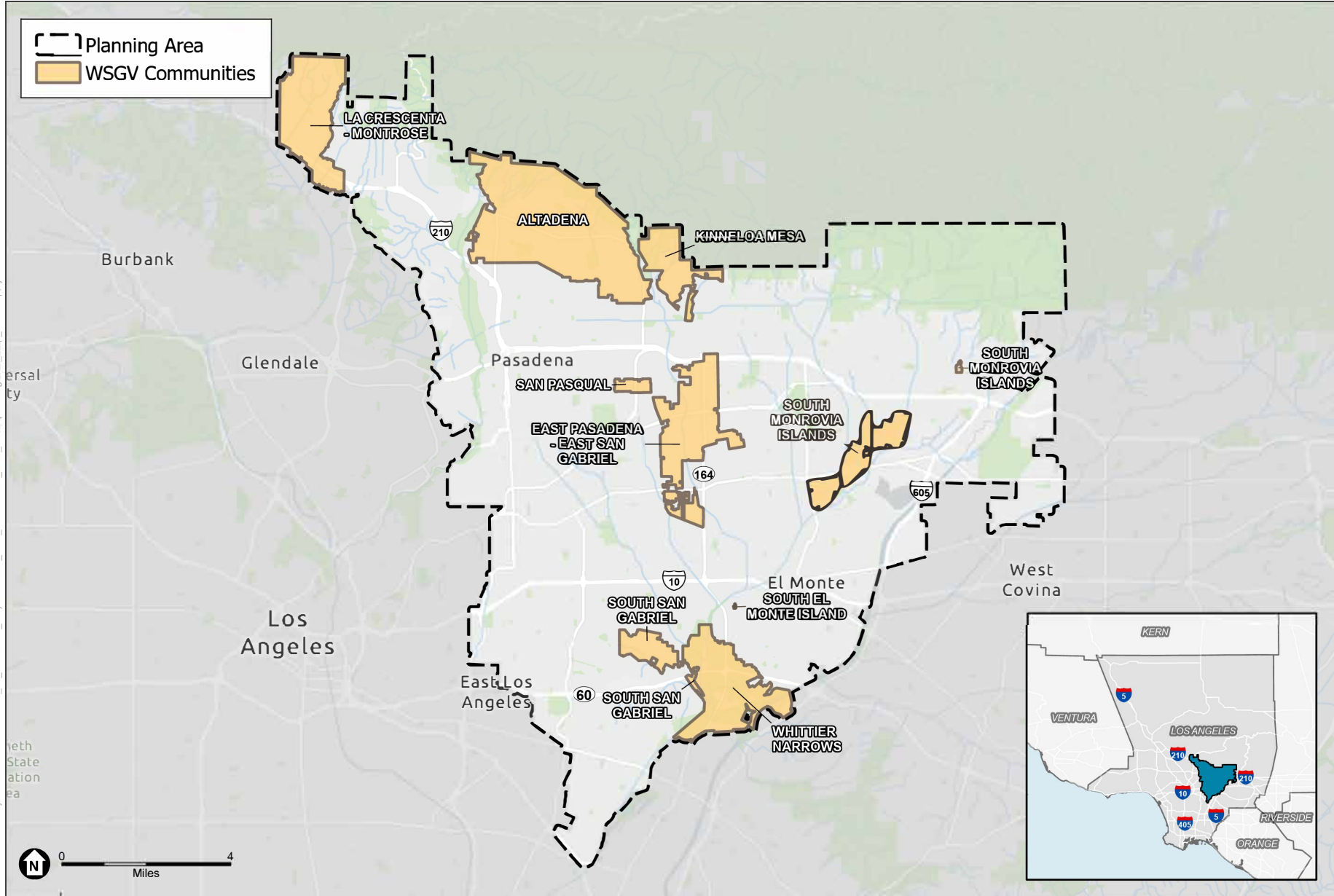
Sincerely,

Evan Sensibile

Evan Sensibile, Regional Planner
County of Los Angeles
Department of Regional Planning
320 West Temple Street, Room 1362
Los Angeles, California 90012
Email: ESensibile@planning.lacounty.gov

Tel: (213) 974-6425
Fax: (213) 626-0434

Figure 1: Regional Location with WSGVAP Communities



SOURCE: Los Angeles DPR, 2023; ESA, 2023.

West San Gabriel Valley Area Plan

Regional Location with WSGVAP Communities



February 26, 2024

Gabrieleno/Tongva
San Gabriel Band of Mission Indians
Anthony Morales, Chairperson
P.O. Box 693
San Gabriel, CA 91778

SUBJECT: AB 52 Project Notification and Request to Consult Letter for the Proposed Project West San Gabriel Valley Area Plan (WSGVAP) in Los Angeles County, California

Dear Mr. Morales:

This letter is to provide written notification in compliance with Assembly Bill 52 (AB 52). As such and pursuant to Section 21080.3.1 (d) of the Public Resources Code, if you wish to initiate consultation, please submit your written request for consultation with Los Angeles County Planning (County Planning) regarding this project and its potential impacts to tribal cultural resources within 30 days from receipt of this letter.

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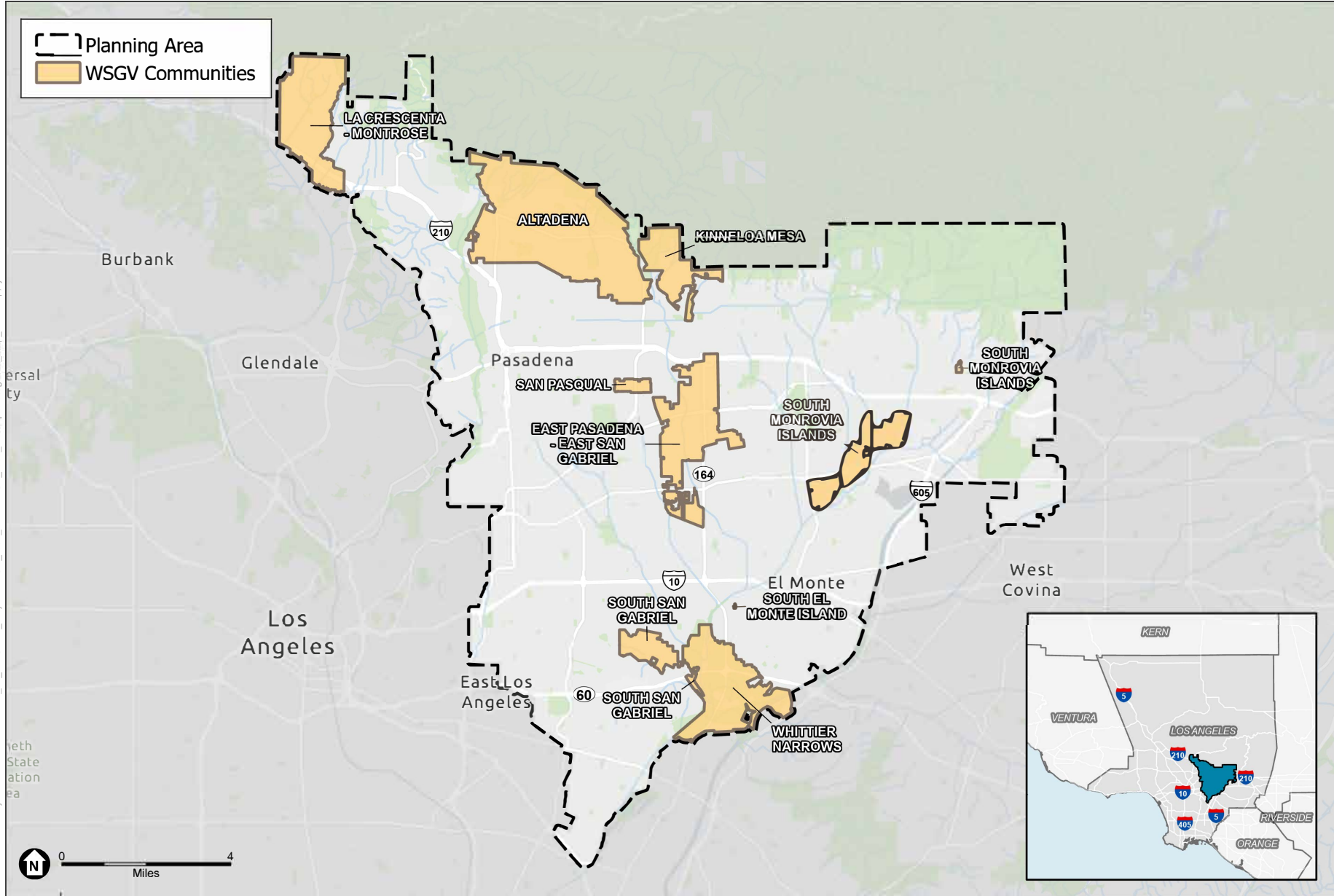
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Email: ESensibile@planning.lacounty.gov

Tel: (213) 974-6425
Fax: (213) 626-0434

Figure 1: Regional Location with WSGVAP Communities



SOURCE: Los Angeles DPR, 2023; ESA, 2023.

West San Gabriel Valley Area Plan

Regional Location with WSGVAP Communities



February 26, 2024

Gabrielino/Tongva Nation
Sandonne Goad, Chairperson
106 1/2 Judge John Aiso St., #231
Los Angeles, CA 90012

SUBJECT: AB 52 Project Notification and Request to Consult Letter for the Proposed Project West San Gabriel Valley Area Plan (WSGVAP) in Los Angeles County, California

Dear Mrs. Goad:

This letter is to provide written notification in compliance with Assembly Bill 52 (AB 52). As such and pursuant to Section 21080.3.1 (d) of the Public Resources Code, if you wish to initiate consultation, please submit your written request for consultation with Los Angeles County Planning (County Planning) regarding this project and its potential impacts to tribal cultural resources within 30 days from receipt of this letter.

County Planning is in the process of developing an Area Plan for the West San Gabriel Valley area, referred to as the West San Gabriel Valley Area Plan (WSGVAP). The WSGVAP is a new community-based plan that focuses on land use and policy issues that are specific to the unique characteristics and needs of the West San Gabriel Valley (WSGV) Planning Area and its communities. The WSGVAP is intended to guide long-term growth for the unincorporated areas within the WSGV Planning Area by encouraging development of housing options and affordability, preserving/sustaining open space, conserving natural resources, protecting community health, safety, and general welfare, increasing access to community amenities, and promoting areas suitable for growth away from hazards. Goals, policies, and implementation programs would be developed for the WSGVAP to support these objectives, especially to support smart growth and sustainable development throughout the WSGV Planning Area. The WSGVAP (Project No. PRJ2023-003982) would execute these goals primarily through, but not limited to, an Environmental Assessment (No. RPPL2023005884), General Plan Amendment (No. RPPL2023005882), a Zone Change (No. RPPL2023005883), and an Advance Planning Case (No. RPPL2023005880).

The WSGV Planning Area is one of the County's 11 Planning Areas identified in the County General Plan. The WSGV Planning Area encompasses 23.2 square miles within the southeast portion of Los Angeles County and is bound by the Antelope Valley Planning Area and the San Gabriel Mountains to the north, the East San Gabriel Valley Area Planning Area to the east, the Gateway Planning Area to the south, and the Metro and San Fernando Valley Planning Areas to the west. The WSGV Planning Area includes the following nine unincorporated communities of the County: Altadena, East Pasadena-East San Gabriel,

Kinneloa Mesa, La Crescenta-Montrose, San Pasqual, South Monrovia Islands, South San Gabriel, Whittier Narrows, and South El Monte Island. Collectively, these communities are referred to as the “WSGVAP Communities.” The WSGV Planning Area and its associated communities are identified on Figure 1, Regional Location with WSGVAP Communities.

The WSGV Planning Area includes the foothills of the San Gabriel Mountains and Angeles National Forest and provides a large range of open space and recreational opportunities for area residents. The San Gabriel River flows north-south along the Planning Area’s eastern border and Interstate 605. Two major east-west freeways, Interstate 10 and Interstate/State Route-210, run through the WSGV Planning Area. In addition, the Metro A Line runs through unincorporated East Pasadena-East San Gabriel. Other available transit options include Foothill Transit, which operates multiple bus lines throughout the WSGV Planning Area.

The WSGV Planning Area is comprised of mature, suburban communities, including some in the foothills of the San Gabriel Mountains. Some of these communities contain environmental resources and others face hazardous constraints. Portions of the Altadena Foothills and Arroyos Significant Ecological Area (SEA) and Puente Hills SEA are included in the WSGV Planning Area. In addition, many of the foothill communities are designated Very High Fire Hazard Severity Zones, which reflects the increased threat of wildfires and subsequent mudslides within those areas. Many of the unincorporated areas are isolated islands of almost entirely residential development. It is important to coordinate land use in unincorporated areas with their surrounding communities, where many of the services and daily needs of the unincorporated residents are found.

Per AB 52, you have the right to consult on a proposed public or private project prior to the release of a negative declaration, mitigated negative declaration or environmental impact report. As identified above, you have 30 calendar days from receipt of this letter to notify us in writing that you wish to consult on this Project. Los Angeles County Planning understands that information you provide may be sensitive, protected, or confidential. Any information provided, or any exchange of information regarding tribal cultural resources as a result of consultation with County Planning will be recorded and managed in accordance with State law (California Code of Regulations Section 15120(d), Public Resources Code Sections 5097.9, 5097.993, 21082.3). Please provide your contact information, and mail or email your request to me at the address below.

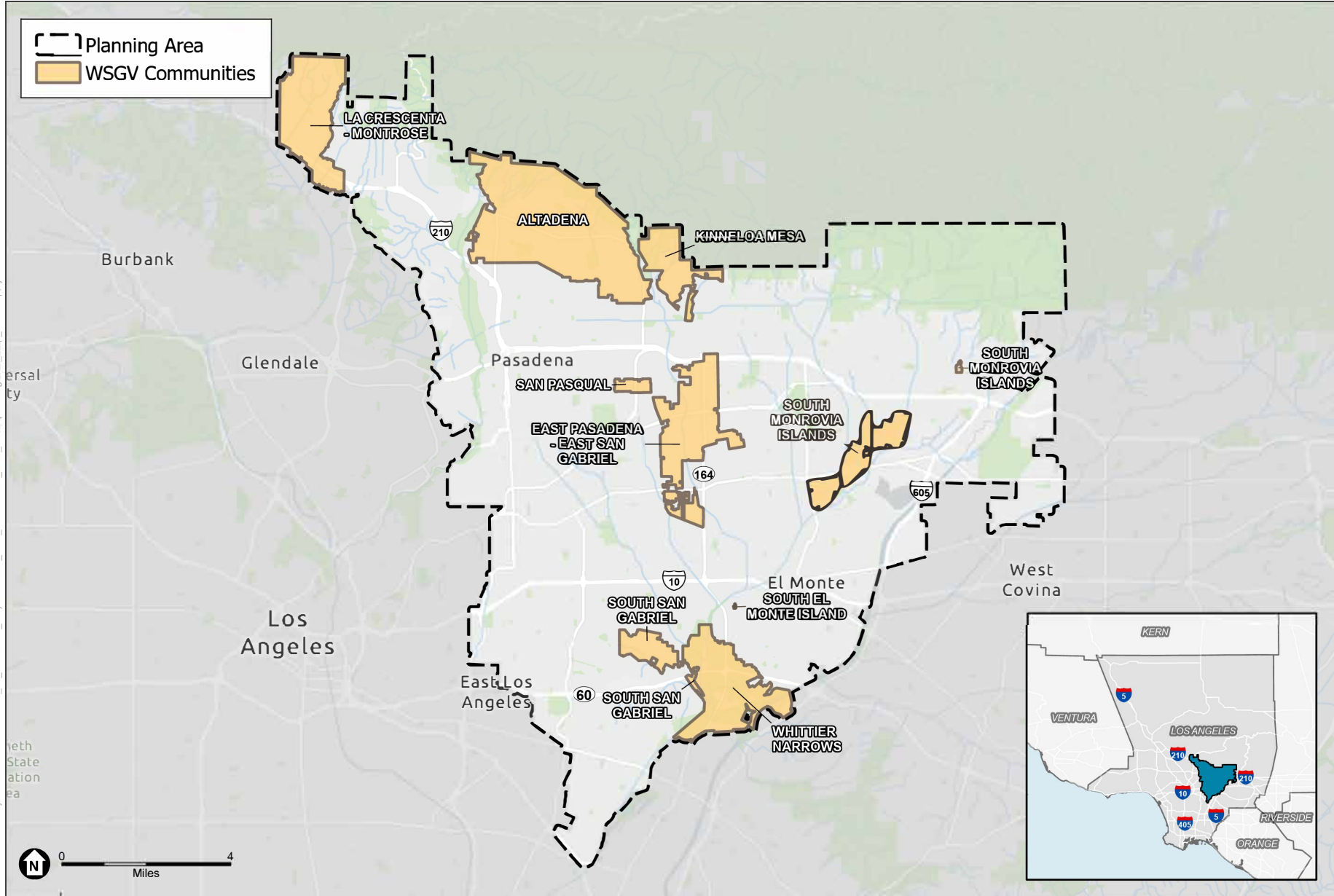
Sincerely,

Evan Sensibile

Evan Sensibile, Regional Planner
County of Los Angeles
Department of Regional Planning
320 West Temple Street, Room 1362
Los Angeles, California 90012
Email: ESensibile@planning.lacounty.gov

Tel: (213) 974-6425
Fax: (213) 626-0434

Figure 1: Regional Location with WSGVAP Communities



SOURCE: Los Angeles DPR, 2023; ESA, 2023.

West San Gabriel Valley Area Plan

Regional Location with WSGVAP Communities



February 26, 2024

Gabrielino Tongva
Indians of California Tribal Council
Christina Conley, Cultural
Resource Administrator
P.O. Box 941078
Simi Valley, CA 93094

SUBJECT: AB 52 Project Notification and Request to Consult Letter for the Proposed Project West San Gabriel Valley Area Plan (WSGVAP) in Los Angeles County, California

Dear Mrs. Conley:

This letter is to provide written notification in compliance with Assembly Bill 52 (AB 52). As such and pursuant to Section 21080.3.1 (d) of the Public Resources Code, if you wish to initiate consultation, please submit your written request for consultation with Los Angeles County Planning (County Planning) regarding this project and its potential impacts to tribal cultural resources within 30 days from receipt of this letter.

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Planning Areas to the west. The WSGV Planning Area includes the following nine unincorporated communities of the County: Altadena, East Pasadena-East San Gabriel, Kinneloa Mesa, La Crescenta-Montrose, San Pasqual, South Monrovia Islands, South San Gabriel, Whittier Narrows, and South El Monte Island. Collectively, these communities are referred to as the “WSGVAP Communities.” The WSGV Planning Area and its associated communities are identified on Figure 1, Regional Location with WSGVAP Communities.

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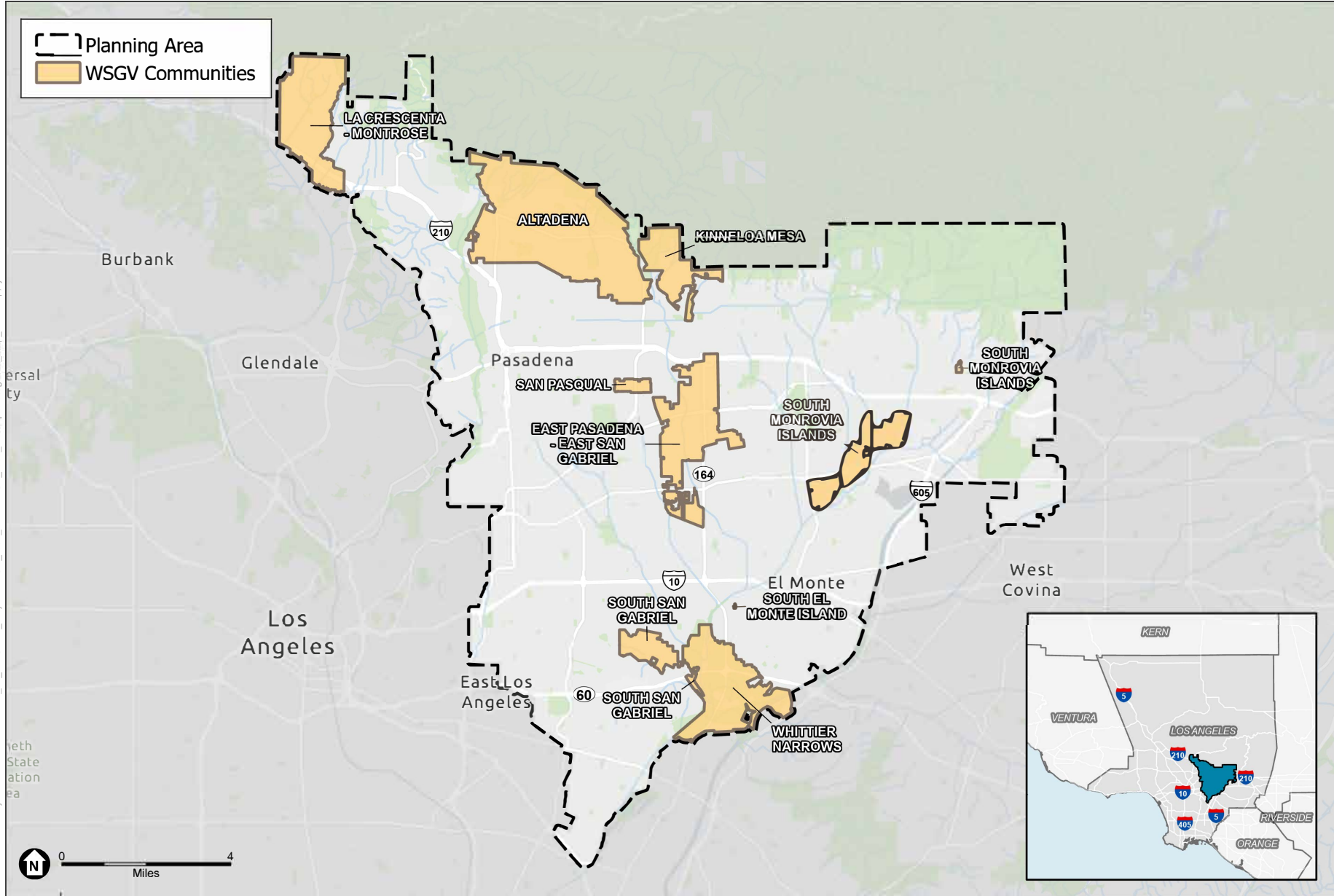
Sincerely,

Evan Sensibile

Evan Sensibile, Regional Planner
County of Los Angeles
Department of Regional Planning
320 West Temple Street, Room 1362
Los Angeles, California 90012
Email: ESensibile@planning.lacounty.gov

Tel: (213) 974-6425
Fax: (213) 626-0434

Figure 1: Regional Location with WSGVAP Communities



SOURCE: Los Angeles DPR, 2023; ESA, 2023.

West San Gabriel Valley Area Plan

Regional Location with WSGVAP Communities



February 26, 2024

Gabrielino Tongva Indians of
California Tribal Council
Robert Dorame, Chairperson
P.O. Box 490
Bellflower, CA 90707

SUBJECT: AB 52 Project Notification and Request to Consult Letter for the Proposed Project
West San Gabriel Valley Area Plan (WSGVAP) in Los Angeles County, California

Dear Mr. Dorame:

This letter is to provide written notification in compliance with Assembly Bill 52 (AB 52). As such and pursuant to Section 21080.3.1 (d) of the Public Resources Code, if you wish to initiate consultation, please submit your written request for consultation with Los Angeles County Planning (County Planning) regarding this project and its potential impacts to tribal cultural resources within 30 days from receipt of this letter.

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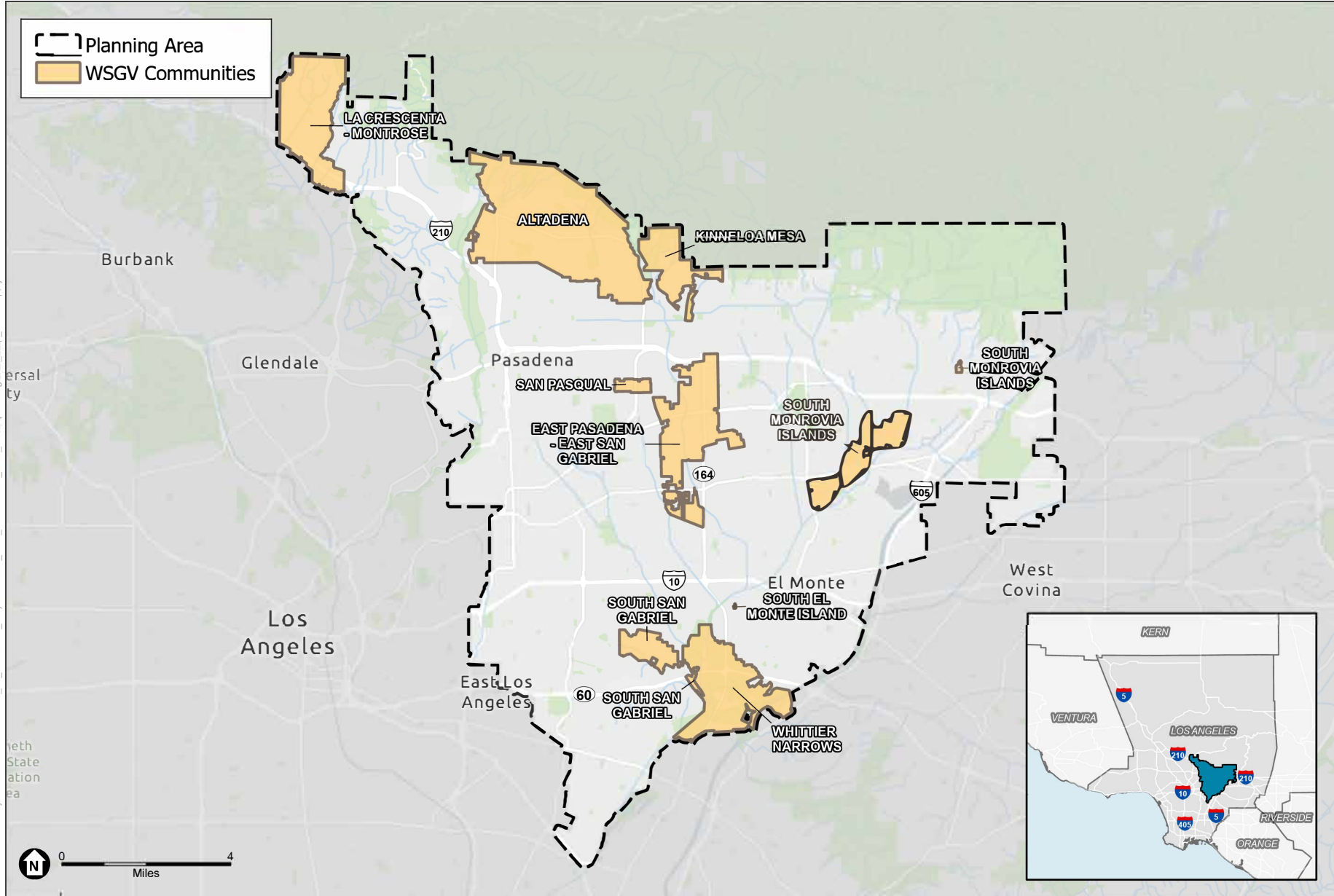
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Sincerely,
Evan Sensibile

Evan Sensibile, Regional Planner
County of Los Angeles
Department of Regional Planning
320 West Temple Street, Room 1362
Los Angeles, California 90012
Email: ESensibile@planning.lacounty.gov

Tel: (213) 974-6425
Fax: (213) 626-0434

Figure 1: Regional Location with WSGVAP Communities



SOURCE: Los Angeles DPR, 2023; ESA, 2023.

West San Gabriel Valley Area Plan

Regional Location with WSGVAP Communities



February 26, 2024

Gabrielino-Tongva Tribe
Charles Alvarez, Chairperson
23454 Vanowen Street
West Hills, CA 91307

SUBJECT: AB 52 Project Notification and Request to Consult Letter for the Proposed Project West San Gabriel Valley Area Plan (WSGVAP) in Los Angeles County, California

Dear Mr. Alvarez:

This letter is to provide written notification in compliance with Assembly Bill 52 (AB 52). As such and pursuant to Section 21080.3.1 (d) of the Public Resources Code, if you wish to initiate consultation, please submit your written request for consultation with Los Angeles County Planning (County Planning) regarding this project and its potential impacts to tribal cultural resources within 30 days from receipt of this letter.

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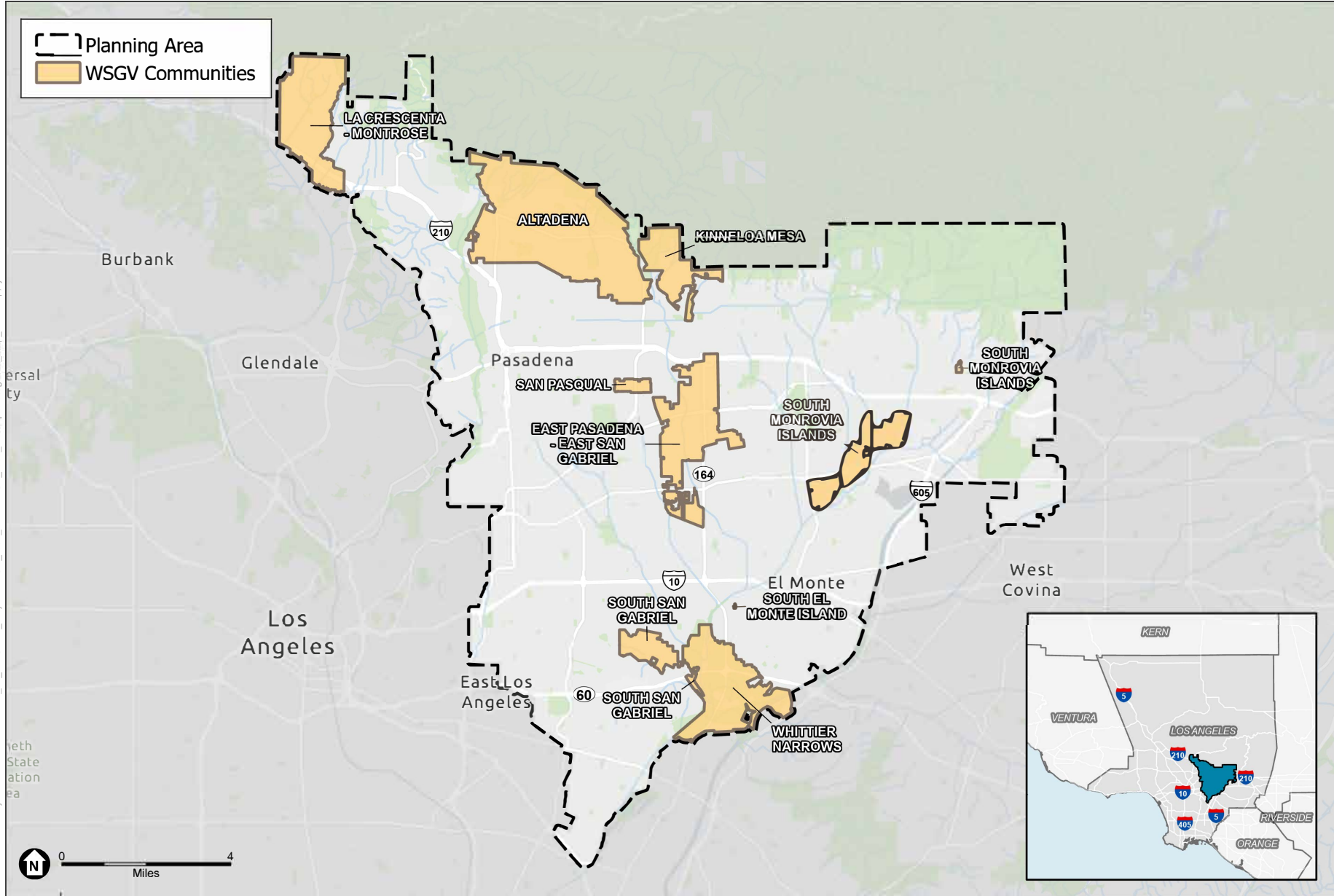
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Evan Sensibile

Evan Sensibile, Regional Planner
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Department of Regional Planning
320 West Temple Street, Room 1362
Los Angeles, California 90012
Email: ESensibile@planning.lacounty.gov

Tel: (213) 974-6425
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Figure 1: Regional Location with WSGVAP Communities



SOURCE: Los Angeles DPR, 2023; ESA, 2023.

West San Gabriel Valley Area Plan

Regional Location with WSGVAP Communities



February 26, 2024

Gabrielino-Tongva Tribe
Sam Dunlap, Cultural Resource Director
P.O. Box 3919
Seal Beach, CA 90740

SUBJECT: AB 52 Project Notification and Request to Consult Letter for the Proposed Project West San Gabriel Valley Area Plan (WSGVAP) in Los Angeles County, California

Dear Mr. Dunlap:

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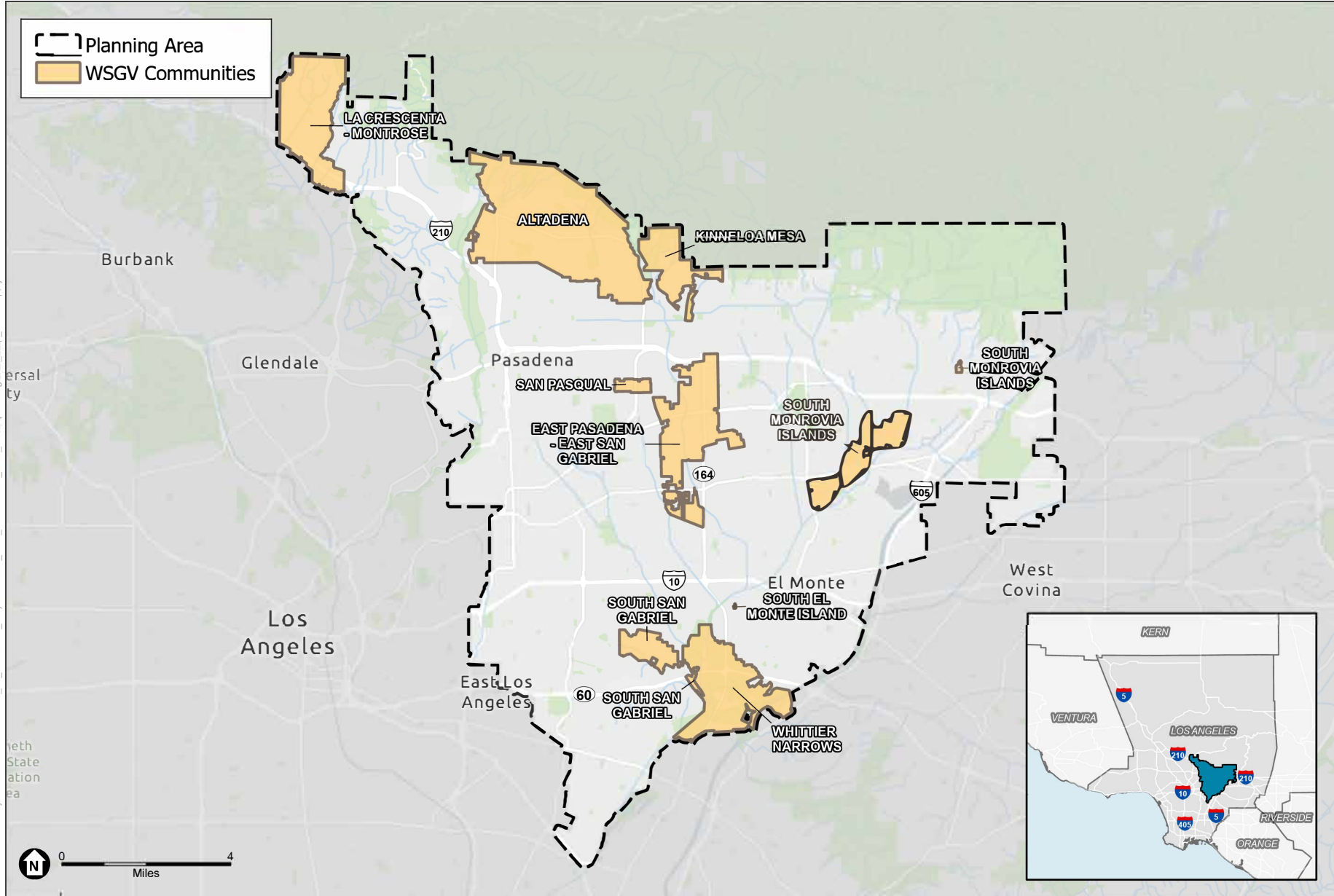
Sincerely,

Evan Sensibile

Evan Sensibile, Regional Planner
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320 West Temple Street, Room 1362
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Figure 1: Regional Location with WSGVAP Communities



SOURCE: Los Angeles DPR, 2023; ESA, 2023.

West San Gabriel Valley Area Plan

Regional Location with WSGVAP Communities



February 26, 2024

Morongo Band of Mission Indians
Ann Brierty, THPO
12700 Pumarra Road
Banning, CA 92220

SUBJECT: AB 52 Project Notification and Request to Consult Letter for the Proposed Project West San Gabriel Valley Area Plan (WSGVAP) in Los Angeles County, California

Dear Mrs. Brierty:

This letter is to provide written notification in compliance with Assembly Bill 52 (AB 52). As such and pursuant to Section 21080.3.1 (d) of the Public Resources Code, if you wish to initiate consultation, please submit your written request for consultation with Los Angeles County Planning (County Planning) regarding this project and its potential impacts to tribal cultural resources within 30 days from receipt of this letter.

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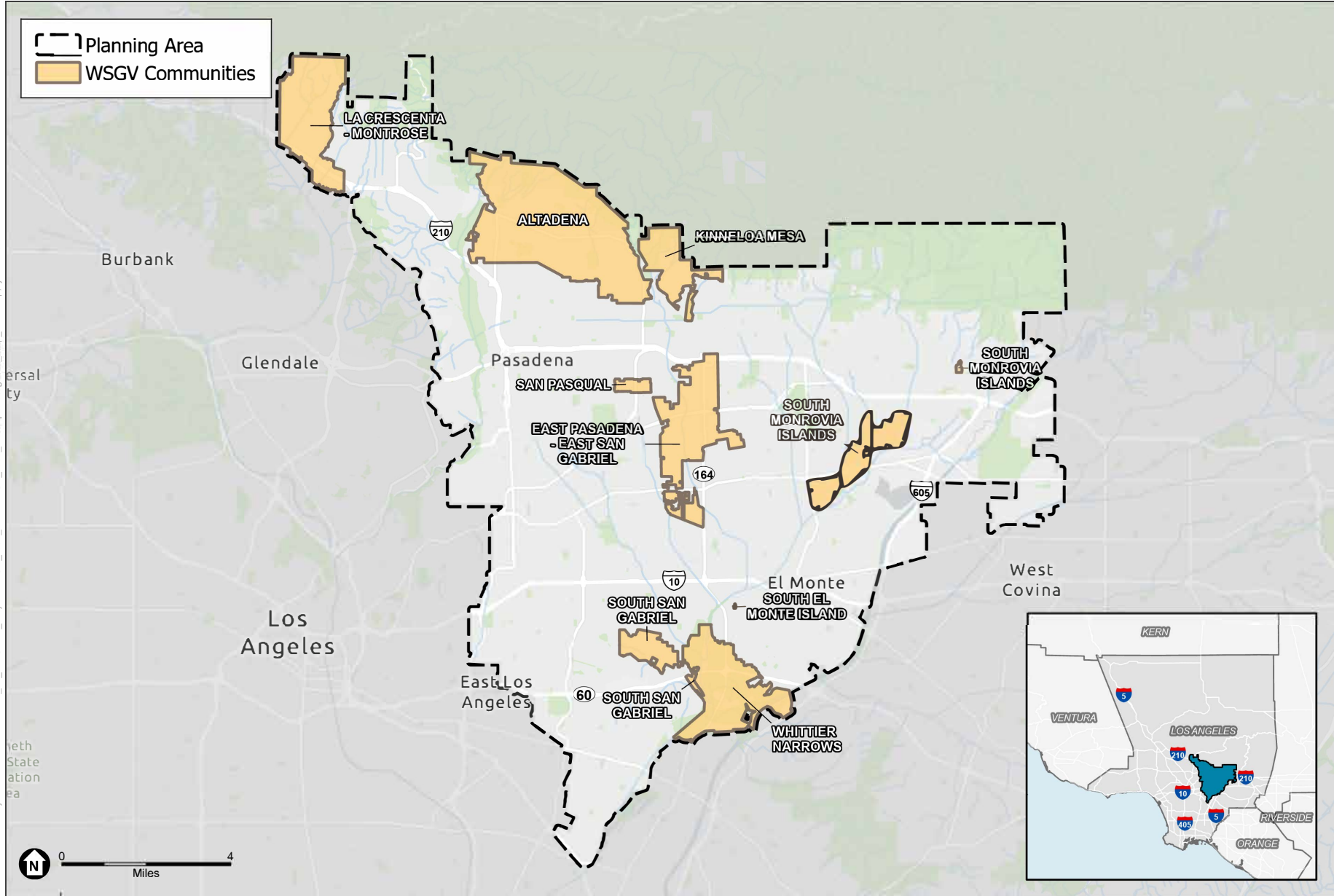
Sincerely,

Evan Sensibile

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Figure 1: Regional Location with WSGVAP Communities



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West San Gabriel Valley Area Plan

Regional Location with WSGVAP Communities



February 26, 2024

Morongo Band of Mission Indians
Robert Martin, Chairperson
12700 Pumarra Road
Banning, CA 92220

SUBJECT: AB 52 Project Notification and Request to Consult Letter for the Proposed Project West San Gabriel Valley Area Plan (WSGVAP) in Los Angeles County, California

Dear Mr. Martin:

This letter is to provide written notification in compliance with Assembly Bill 52 (AB 52). As such and pursuant to Section 21080.3.1 (d) of the Public Resources Code, if you wish to initiate consultation, please submit your written request for consultation with Los Angeles County Planning (County Planning) regarding this project and its potential impacts to tribal cultural resources within 30 days from receipt of this letter.

County Planning is in the process of developing an Area Plan for the West San Gabriel Valley area, referred to as the West San Gabriel Valley Area Plan (WSGVAP). The WSGVAP is a new community-based plan that focuses on land use and policy issues that are specific to the unique characteristics and needs of the West San Gabriel Valley (WSGV) Planning Area and its communities. The WSGVAP is intended to guide long-term growth for the unincorporated areas within the WSGV Planning Area by encouraging development of housing options and affordability, preserving/sustaining open space, conserving natural resources, protecting community health, safety, and general welfare, increasing access to community amenities, and promoting areas suitable for growth away from hazards. Goals, policies, and implementation programs would be developed for the WSGVAP to support these objectives, especially to support smart growth and sustainable development throughout the WSGV Planning Area. The WSGVAP (Project No. PRJ2023-003982) would execute these goals primarily through, but not limited to, an Environmental Assessment (No. RPPL2023005884), General Plan Amendment (No. RPPL2023005882), a Zone Change (No. RPPL2023005883), and an Advance Planning Case (No. RPPL2023005880).

The WSGV Planning Area is one of the County's 11 Planning Areas identified in the County General Plan. The WSGV Planning Area encompasses 23.2 square miles within the southeast portion of Los Angeles County and is bound by the Antelope Valley Planning Area and the San Gabriel Mountains to the north, the East San Gabriel Valley Area Planning Area to the east, the Gateway Planning Area to the south, and the Metro and San Fernando Valley Planning Areas to the west. The WSGV Planning Area includes the following nine unincorporated communities of the County: Altadena, East Pasadena-East San Gabriel,

Kinneloa Mesa, La Crescenta-Montrose, San Pasqual, South Monrovia Islands, South San Gabriel, Whittier Narrows, and South El Monte Island. Collectively, these communities are referred to as the “WSGVAP Communities.” The WSGV Planning Area and its associated communities are identified on Figure 1, Regional Location with WSGVAP Communities.

The WSGV Planning Area includes the foothills of the San Gabriel Mountains and Angeles National Forest and provides a large range of open space and recreational opportunities for area residents. The San Gabriel River flows north-south along the Planning Area’s eastern border and Interstate 605. Two major east-west freeways, Interstate 10 and Interstate/State Route-210, run through the WSGV Planning Area. In addition, the Metro A Line runs through unincorporated East Pasadena-East San Gabriel. Other available transit options include Foothill Transit, which operates multiple bus lines throughout the WSGV Planning Area.

The WSGV Planning Area is comprised of mature, suburban communities, including some in the foothills of the San Gabriel Mountains. Some of these communities contain environmental resources and others face hazardous constraints. Portions of the Altadena Foothills and Arroyos Significant Ecological Area (SEA) and Puente Hills SEA are included in the WSGV Planning Area. In addition, many of the foothill communities are designated Very High Fire Hazard Severity Zones, which reflects the increased threat of wildfires and subsequent mudslides within those areas. Many of the unincorporated areas are isolated islands of almost entirely residential development. It is important to coordinate land use in unincorporated areas with their surrounding communities, where many of the services and daily needs of the unincorporated residents are found.

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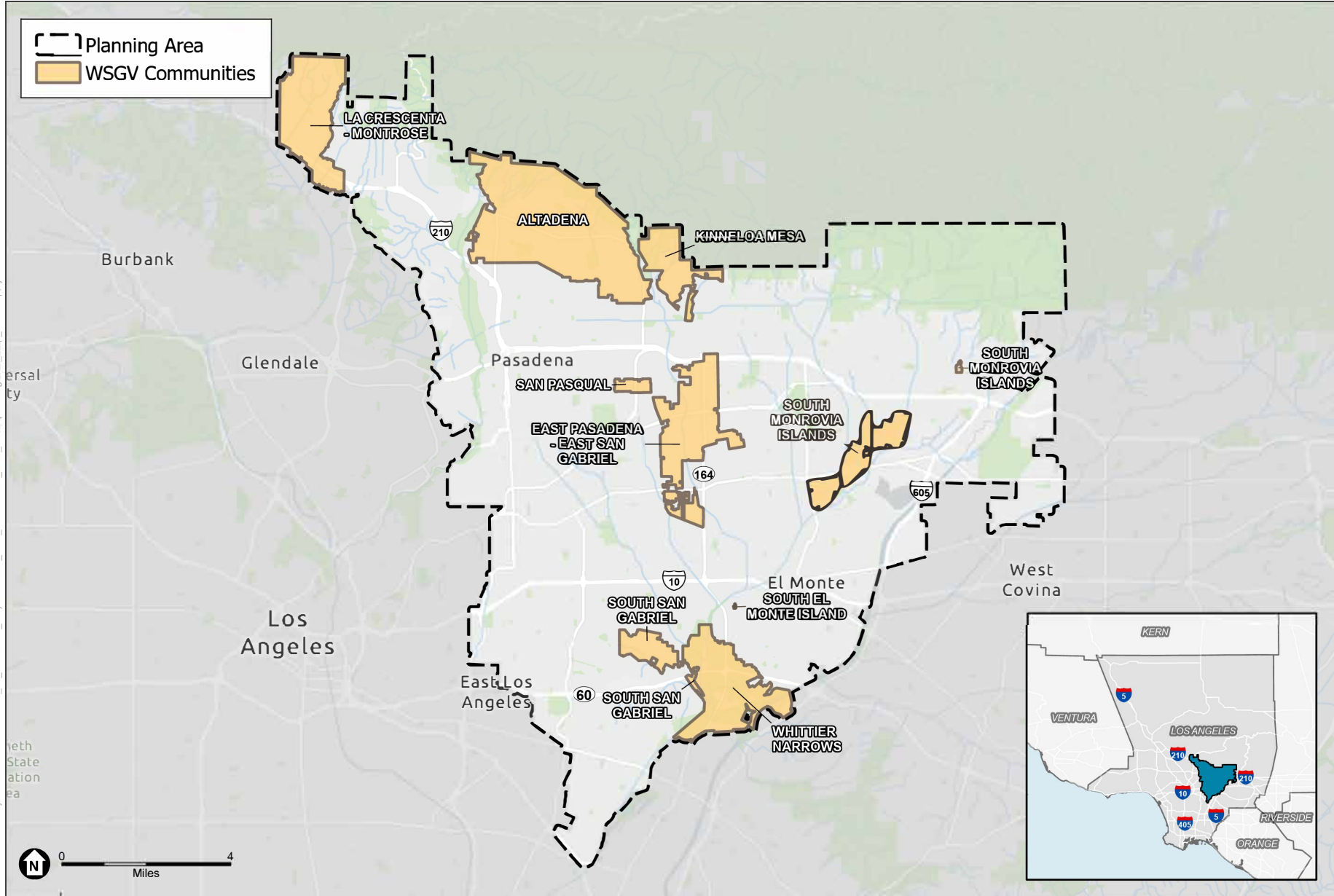
Sincerely,

Evan Sensibile

Evan Sensibile, Regional Planner
County of Los Angeles
Department of Regional Planning
320 West Temple Street, Room 1362
Los Angeles, California 90012
Email: ESensibile@planning.lacounty.gov

Tel: (213) 974-6425
Fax: (213) 626-0434

Figure 1: Regional Location with WSGVAP Communities



SOURCE: Los Angeles DPR, 2023; ESA, 2023.

West San Gabriel Valley Area Plan

Regional Location with WSGVAP Communities



February 26, 2024

San Fernando Band of Mission Indians
Donna Yocum, Chairperson
P.O. Box 221838
Newhall, CA 91322

SUBJECT: AB 52 Project Notification and Request to Consult Letter for the Proposed Project West San Gabriel Valley Area Plan (WSGVAP) in Los Angeles County, California

Dear Mrs. Yocum:

This letter is to provide written notification in compliance with Assembly Bill 52 (AB 52). As such and pursuant to Section 21080.3.1 (d) of the Public Resources Code, if you wish to initiate consultation, please submit your written request for consultation with Los Angeles County Planning (County Planning) regarding this project and its potential impacts to tribal cultural resources within 30 days from receipt of this letter.

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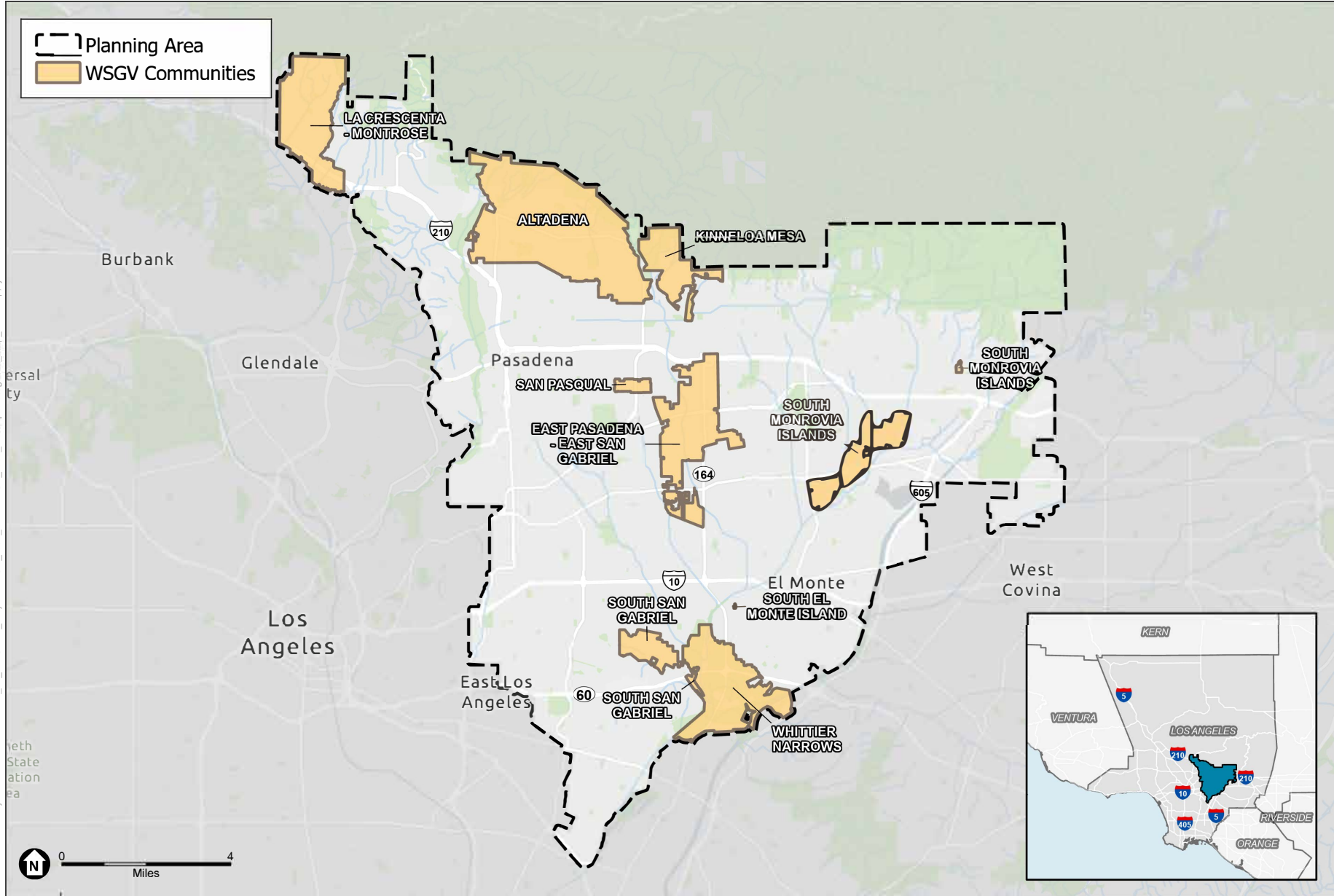
Sincerely,

Evan Sensibile

Evan Sensibile, Regional Planner
County of Los Angeles
Department of Regional Planning
320 West Temple Street, Room 1362
Los Angeles, California 90012
Email: ESensibile@planning.lacounty.gov

Tel: (213) 974-6425
Fax: (213) 626-0434

Figure 1: Regional Location with WSGVAP Communities



SOURCE: Los Angeles DPR, 2023; ESA, 2023.

West San Gabriel Valley Area Plan

Regional Location with WSGVAP Communities



February 26, 2024

San Manuel Band of Mission Indians
Alexandra McCleary, Cultural Lands Manager
26569 Community Center Drive
Highland, CA 92346

SUBJECT: AB 52 Project Notification and Request to Consult Letter for the Proposed Project
West San Gabriel Valley Area Plan (WSGVAP) in Los Angeles County, California

Dear Mrs. McCleary:

This letter is to provide written notification in compliance with Assembly Bill 52 (AB 52). As such and pursuant to Section 21080.3.1 (d) of the Public Resources Code, if you wish to initiate consultation, please submit your written request for consultation with Los Angeles County Planning (County Planning) regarding this project and its potential impacts to tribal cultural resources within 30 days from receipt of this letter.

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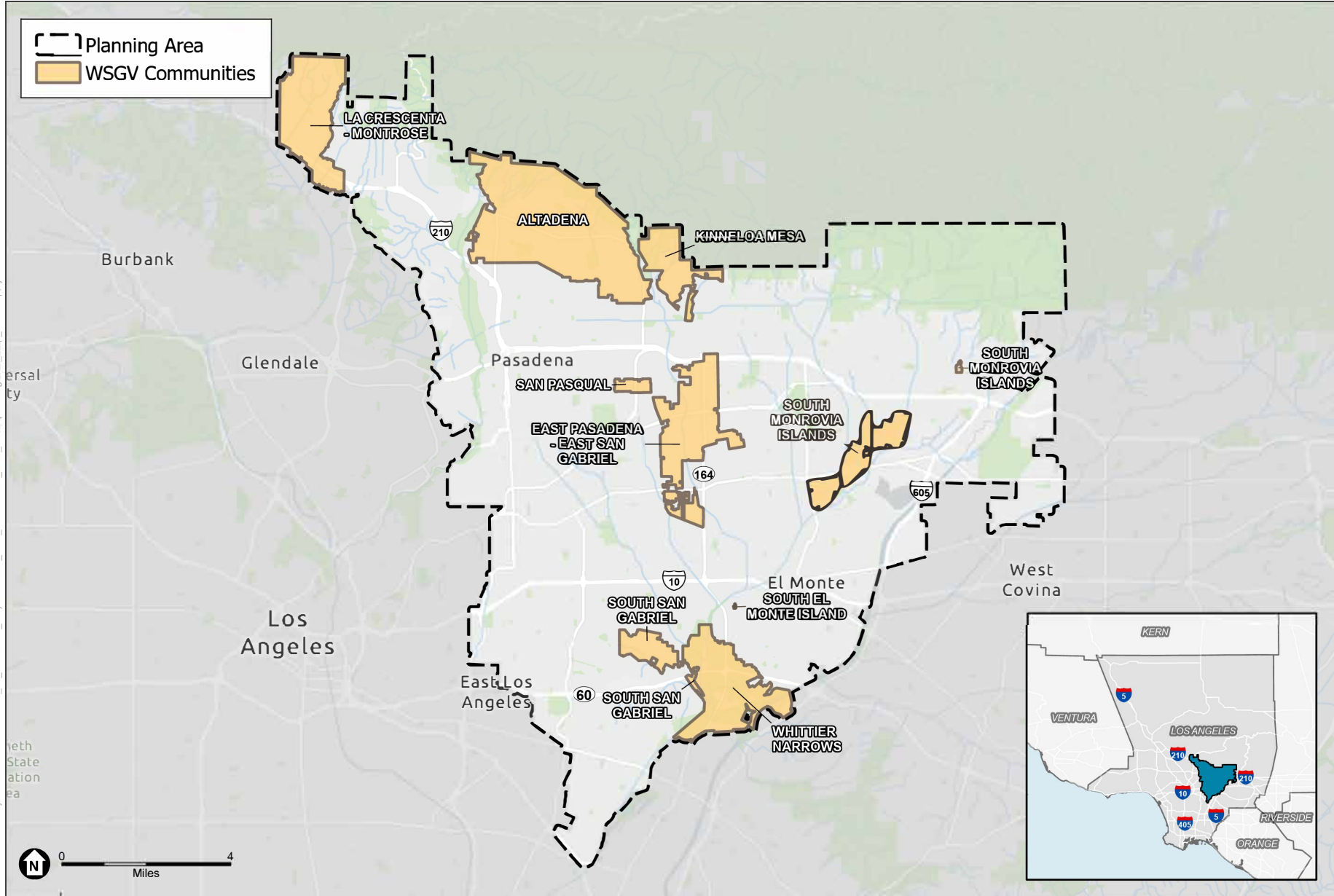
Sincerely,

Evan Sensibile

Evan Sensibile, Regional Planner
County of Los Angeles
Department of Regional Planning
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Figure 1: Regional Location with WSGVAP Communities



Path: U:\GIS\GIS\Projects\19xxxx\201900435_03_WSGV\03_Project\WSGV_Area_Plan\WSGV_Area_Plan.aprx Regional_Map_BaseMap_janderson_10/27/2023

SOURCE: Los Angeles DPR, 2023; ESA, 2023.

West San Gabriel Valley Area Plan

Regional Location with WSGVAP Communities



February 26, 2024

Santa Rosa Band of Cahuilla Indians
Lovina Redner, Tribal Chair
P.O. Box 391820
Anza, CA 92539

SUBJECT: AB 52 Project Notification and Request to Consult Letter for the Proposed Project West San Gabriel Valley Area Plan (WSGVAP) in Los Angeles County, California

Dear Mrs. Redner:

This letter is to provide written notification in compliance with Assembly Bill 52 (AB 52). As such and pursuant to Section 21080.3.1 (d) of the Public Resources Code, if you wish to initiate consultation, please submit your written request for consultation with Los Angeles County Planning (County Planning) regarding this project and its potential impacts to tribal cultural resources within 30 days from receipt of this letter.

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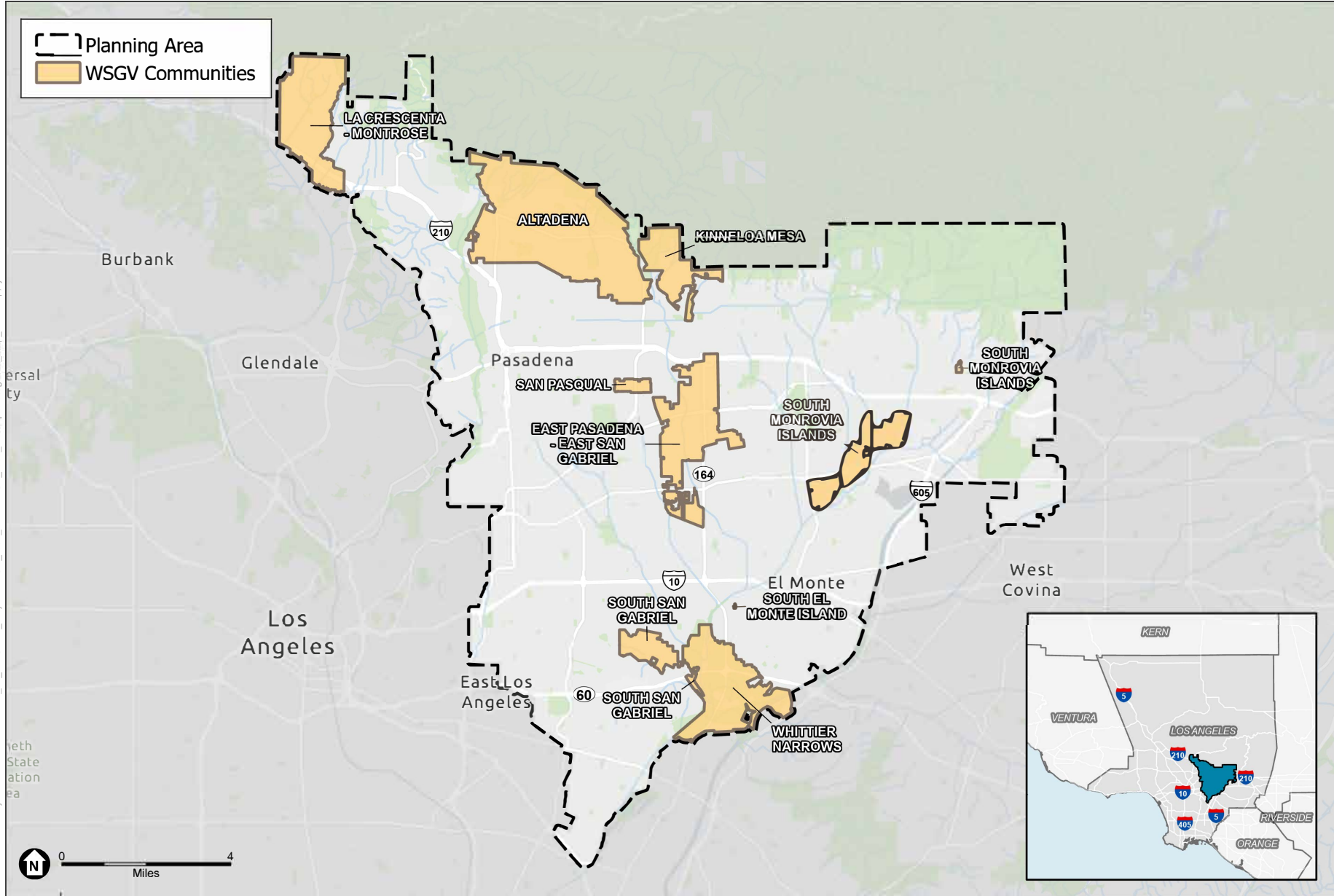
Sincerely,

Evan Sensibile

Evan Sensibile, Regional Planner
County of Los Angeles
Department of Regional Planning
320 West Temple Street, Room 1362
Los Angeles, California 90012
Email: ESensibile@planning.lacounty.gov

Tel: (213) 974-6425
Fax: (213) 626-0434

Figure 1: Regional Location with WSGVAP Communities



SOURCE: Los Angeles DPR, 2023; ESA, 2023.

West San Gabriel Valley Area Plan

Regional Location with WSGVAP Communities



February 26, 2024

Serrano Nation of Mission Indians
Mark Cochrane, Co-Chairperson
P. O. Box 343
Patton, CA 92369

SUBJECT: AB 52 Project Notification and Request to Consult Letter for the Proposed Project West San Gabriel Valley Area Plan (WSGVAP) in Los Angeles County, California

Dear Mr. Cochrane:

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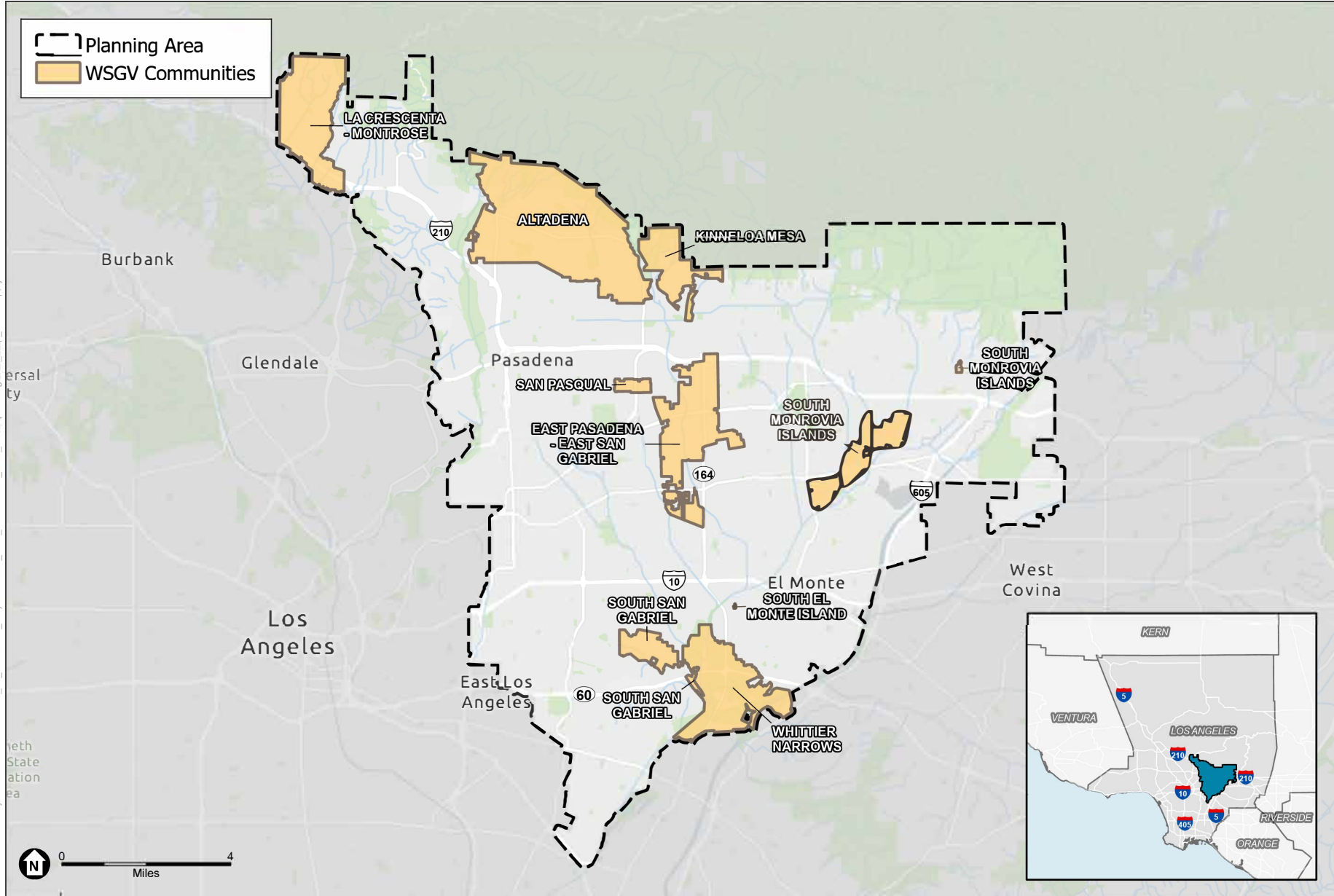
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Evan Sensibile

Evan Sensibile, Regional Planner
County of Los Angeles
Department of Regional Planning
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Email: ESensibile@planning.lacounty.gov

Tel: (213) 974-6425
Fax: (213) 626-0434

Figure 1: Regional Location with WSGVAP Communities



SOURCE: Los Angeles DPR, 2023; ESA, 2023.

West San Gabriel Valley Area Plan

Regional Location with WSGVAP Communities



February 26, 2024

Serrano Nation of Mission Indians
Wayne Walker, Co-Chairperson
P. O. Box 343
Patton, CA 92369

SUBJECT: AB 52 Project Notification and Request to Consult Letter for the Proposed Project West San Gabriel Valley Area Plan (WSGVAP) in Los Angeles County, California

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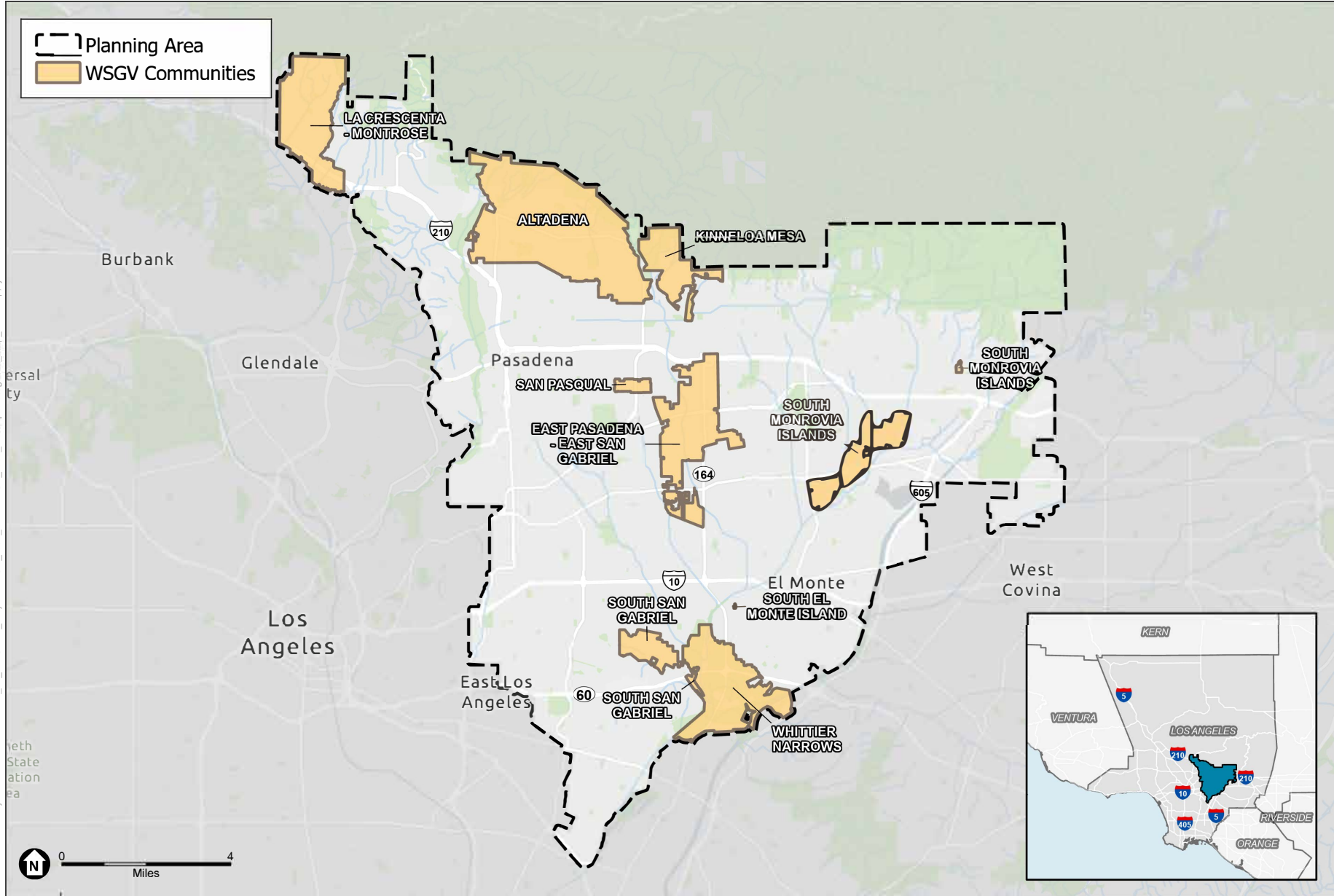
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West San Gabriel Valley Area Plan

Regional Location with WSGVAP Communities



February 26, 2024

Soboba Band of Luiseno Indians
Joseph Ontiveros, THPO
P.O. Box 487
San Jacinto, CA 92581

SUBJECT: AB 52 Project Notification and Request to Consult Letter for the Proposed Project West San Gabriel Valley Area Plan (WSGVAP) in Los Angeles County, California

Dear Mr. Ontiveros:

This letter is to provide written notification in compliance with Assembly Bill 52 (AB 52). As such and pursuant to Section 21080.3.1 (d) of the Public Resources Code, if you wish to initiate consultation, please submit your written request for consultation with Los Angeles County Planning (County Planning) regarding this project and its potential impacts to tribal cultural resources within 30 days from receipt of this letter.

County Planning is in the process of developing an Area Plan for the West San Gabriel Valley area, referred to as the West San Gabriel Valley Area Plan (WSGVAP). The WSGVAP is a new community-based plan that focuses on land use and policy issues that are specific to the unique characteristics and needs of the West San Gabriel Valley (WSGV) Planning Area and its communities. The WSGVAP is intended to guide long-term growth for the unincorporated areas within the WSGV Planning Area by encouraging development of housing options and affordability, preserving/sustaining open space, conserving natural resources, protecting community health, safety, and general welfare, increasing access to community amenities, and promoting areas suitable for growth away from hazards. Goals, policies, and implementation programs would be developed for the WSGVAP to support these objectives, especially to support smart growth and sustainable development throughout the WSGV Planning Area. The WSGVAP (Project No. PRJ2023-003982) would execute these goals primarily through, but not limited to, an Environmental Assessment (No. RPPL2023005884), General Plan Amendment (No. RPPL2023005882), a Zone Change (No. RPPL2023005883), and an Advance Planning Case (No. RPPL2023005880).

The WSGV Planning Area is one of the County's 11 Planning Areas identified in the County General Plan. The WSGV Planning Area encompasses 23.2 square miles within the southeast portion of Los Angeles County and is bound by the Antelope Valley Planning Area and the San Gabriel Mountains to the north, the East San Gabriel Valley Area Planning Area to the east, the Gateway Planning Area to the south, and the Metro and San Fernando Valley Planning Areas to the west. The WSGV Planning Area includes the following nine unincorporated communities of the County: Altadena, East Pasadena-East San Gabriel,

Kinneloa Mesa, La Crescenta-Montrose, San Pasqual, South Monrovia Islands, South San Gabriel, Whittier Narrows, and South El Monte Island. Collectively, these communities are referred to as the “WSGVAP Communities.” The WSGV Planning Area and its associated communities are identified on Figure 1, Regional Location with WSGVAP Communities.

The WSGV Planning Area includes the foothills of the San Gabriel Mountains and Angeles National Forest and provides a large range of open space and recreational opportunities for area residents. The San Gabriel River flows north-south along the Planning Area’s eastern border and Interstate 605. Two major east-west freeways, Interstate 10 and Interstate/State Route-210, run through the WSGV Planning Area. In addition, the Metro A Line runs through unincorporated East Pasadena-East San Gabriel. Other available transit options include Foothill Transit, which operates multiple bus lines throughout the WSGV Planning Area.

The WSGV Planning Area is comprised of mature, suburban communities, including some in the foothills of the San Gabriel Mountains. Some of these communities contain environmental resources and others face hazardous constraints. Portions of the Altadena Foothills and Arroyos Significant Ecological Area (SEA) and Puente Hills SEA are included in the WSGV Planning Area. In addition, many of the foothill communities are designated Very High Fire Hazard Severity Zones, which reflects the increased threat of wildfires and subsequent mudslides within those areas. Many of the unincorporated areas are isolated islands of almost entirely residential development. It is important to coordinate land use in unincorporated areas with their surrounding communities, where many of the services and daily needs of the unincorporated residents are found.

Per AB 52, you have the right to consult on a proposed public or private project prior to the release of a negative declaration, mitigated negative declaration or environmental impact report. As identified above, you have 30 calendar days from receipt of this letter to notify us in writing that you wish to consult on this Project. Los Angeles County Planning understands that information you provide may be sensitive, protected, or confidential. Any information provided, or any exchange of information regarding tribal cultural resources as a result of consultation with County Planning will be recorded and managed in accordance with State law (California Code of Regulations Section 15120(d), Public Resources Code Sections 5097.9, 5097.993, 21082.3). Please provide your contact information, and mail or email your request to me at the address below.

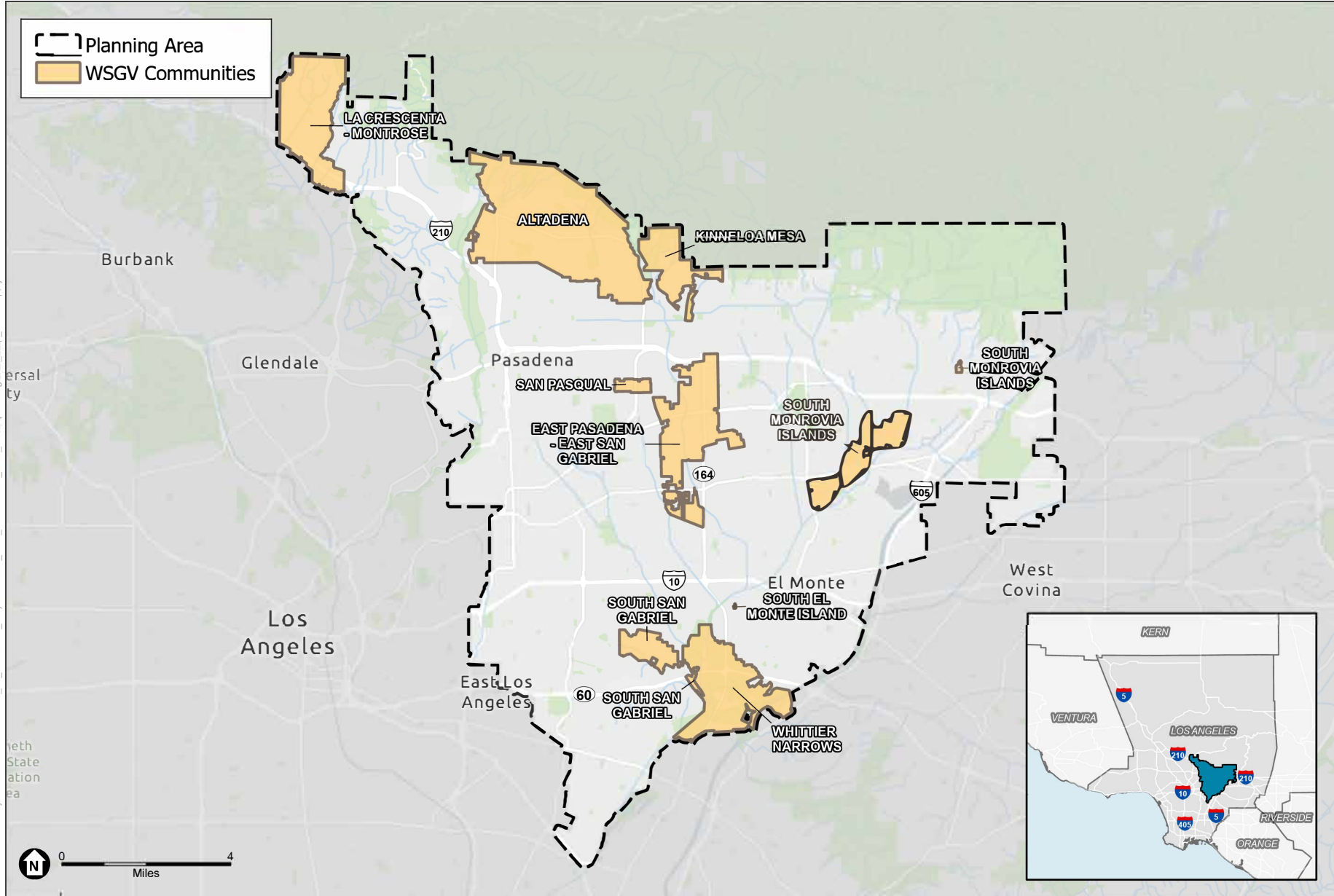
Sincerely,

Evan Sensibile

Evan Sensibile, Regional Planner
County of Los Angeles
Department of Regional Planning
320 West Temple Street, Room 1362
Los Angeles, California 90012
Email: ESensibile@planning.lacounty.gov

Tel: (213) 974-6425
Fax: (213) 626-0434

Figure 1: Regional Location with WSGVAP Communities



SOURCE: Los Angeles DPR, 2023; ESA, 2023.

West San Gabriel Valley Area Plan

Regional Location with WSGVAP Communities



February 26, 2024

Soboba Band of Luiseno Indians
Jessica Valdez, Cultural Resource Specialist
P.O. Box 487
San Jacinto, CA 92581

SUBJECT: AB 52 Project Notification and Request to Consult Letter for the Proposed Project West San Gabriel Valley Area Plan (WSGVAP) in Los Angeles County, California

Dear Mrs. Valdez:

This letter is to provide written notification in compliance with Assembly Bill 52 (AB 52). As such and pursuant to Section 21080.3.1 (d) of the Public Resources Code, if you wish to initiate consultation, please submit your written request for consultation with Los Angeles County Planning (County Planning) regarding this project and its potential impacts to tribal cultural resources within 30 days from receipt of this letter.

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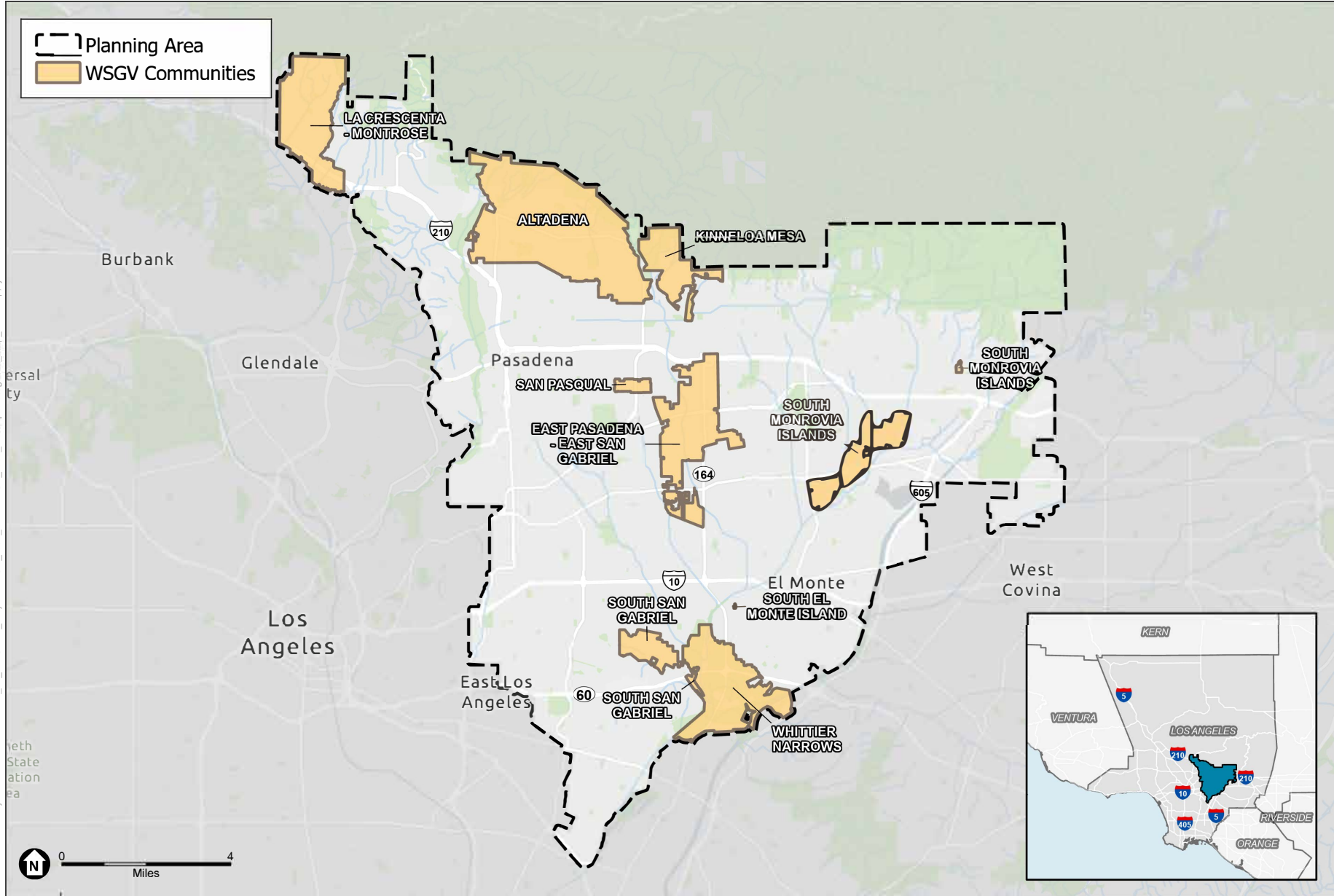
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Sincerely,
Evan Sensibile

Evan Sensibile, Regional Planner
County of Los Angeles
Department of Regional Planning
320 West Temple Street, Room 1362
Los Angeles, California 90012
Email: ESensibile@planning.lacounty.gov

Tel: (213) 974-6425
Fax: (213) 626-0434

Figure 1: Regional Location with WSGVAP Communities



SOURCE: Los Angeles DPR, 2023; ESA, 2023.

West San Gabriel Valley Area Plan

Regional Location with WSGVAP Communities



February 26, 2024

Fernandeño Tataviam Band of Mission Indians
Sarah Brunzell, CRM Manager
1019 Second Street
San Fernando, CA 91340

SUBJECT: AB 52 Project Notification and Request to Consult Letter for the Proposed Project West San Gabriel Valley Area Plan (WSGVAP) in Los Angeles County, California

Dear Mrs. Brunzell:

This letter is to provide written notification in compliance with Assembly Bill 52 (AB 52). As such and pursuant to Section 21080.3.1 (d) of the Public Resources Code, if you wish to initiate consultation, please submit your written request for consultation with Los Angeles County Planning (County Planning) regarding this project and its potential impacts to tribal cultural resources within 30 days from receipt of this letter.

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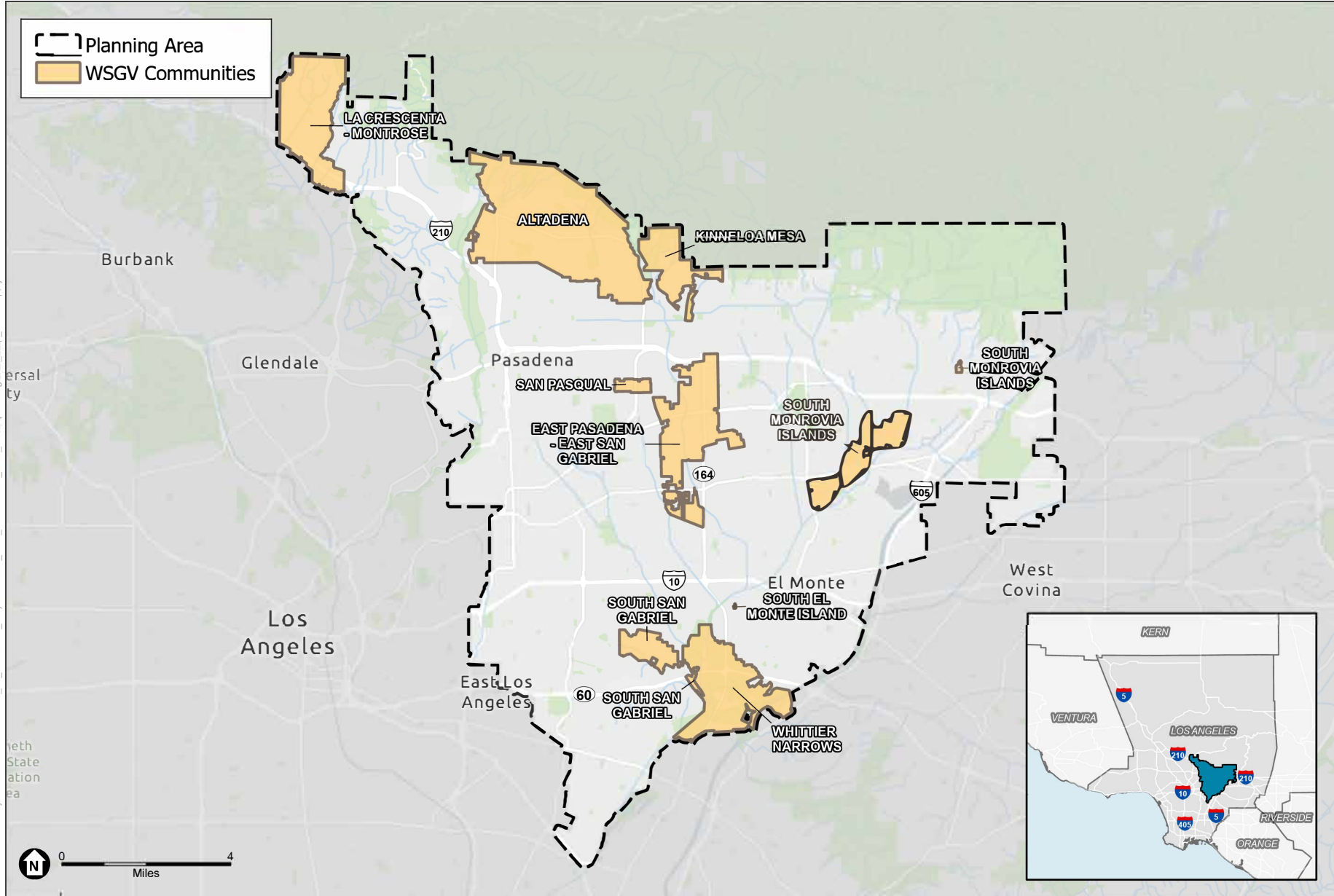
Sincerely,

Evan Sensibile

Evan Sensibile, Regional Planner
County of Los Angeles
Department of Regional Planning
320 West Temple Street, Room 1362
Los Angeles, California 90012
Email: ESensibile@planning.lacounty.gov

Tel: (213) 974-6425
Fax: (213) 626-0434

Figure 1: Regional Location with WSGVAP Communities



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West San Gabriel Valley Area Plan

Regional Location with WSGVAP Communities



February 26, 2024

Fernandeño Tataviam Band of Mission Indians
Sarah Brunzell, CRM Manager
1019 Second Street
San Fernando, CA 91340

SUBJECT: SB 18 Project Notification and Request to Consult Letter for the Proposed West San Gabriel Valley Area Plan (WSGVAP) in Los Angeles County, California

Dear Mrs. Brunzell,

Los Angeles County Planning (County Planning) is in the process of developing an Area Plan for the West San Gabriel Valley area, referred to as the West San Gabriel Valley Area Plan (WSGVAP). The WSGVAP is a new community-based plan that focuses on land use and policy issues that are specific to the unique characteristics and needs of the West San Gabriel Valley (WSGV) Planning Area and its communities. The WSGV Planning Area includes the following nine unincorporated communities of the County: Altadena, East Pasadena-East San Gabriel, Kinneloa Mesa, La Crescenta-Montrose, San Pasqual, South Monrovia Islands, South San Gabriel, Whittier Narrows, and South El Monte Island. Collectively, these communities are referred to as the “WSGVAP Communities.”

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County Planning is seeking your participation in the preparation of the WSGVAP to enhance, guide, and support the long-term growth, development, and maintenance of these communities of the LA County’s General Plan for unincorporated areas. The Project is subject to Section 65352.3 of the Government Code (Senate Bill (SB) 18 [2004]). Pursuant to SB 18, for the purpose of protecting tribal cultural places. County Planning must engage in consultation with California Native American Tribes prior to adopting or modifying a General Plan or designating land as open space. Cultural Places refer to places, features, and objects described in Public Resources Code Sections 5097.9 and 5097.993.1

To provide Native American tribes with the opportunity to participate in local land use decisions at an early stage, in accordance with SB 18, please let us know if you would like to be consulted with on this Project. Los Angeles County Planning feels that your comments regarding decisions that may affect ancestral tribal sites are very important. Any information you have regarding tribal cultural places will be kept strictly confidential and will not be divulged to the public. Pursuant to California Government Code § 65352.3, you may request a consultation within 90 days of receiving this letter. We would appreciate receiving your comments by April 1st, 2024. Please forward any comments regarding this Project to:

Evan Sensibile, Regional Planner
County of Los Angeles
Department of Regional Planning
320 West Temple Street, Room 1362
Los Angeles, California 90012
Email: ESensibile@planning.lacounty.gov
Tel: (213) 974-6425
Fax: (213) 626-0434

Thank you for your assistance with our efforts to address tribal cultural places that may be affected by the West San Gabriel Valley Area Plan.

Sincerely,

Evan Sensibile

Evan Sensibile, Regional Planner
County of Los Angeles
Department of Regional Planning

February 26, 2024

Gabrieleno Band of Mission Indians - Kizh Nation
Christina Swindall Martinez, Secretary
P.O. Box 393
Covina, CA 91723

SUBJECT: SB 18 Project Notification and Request to Consult Letter for the Proposed West San Gabriel Valley Area Plan (WSGVAP) in Los Angeles County, California

Dear Mrs. Swindall Martinez,

Los Angeles County Planning (County Planning) is in the process of developing an Area Plan for the West San Gabriel Valley area, referred to as the West San Gabriel Valley Area Plan (WSGVAP). The WSGVAP is a new community-based plan that focuses on land use and policy issues that are specific to the unique characteristics and needs of the West San Gabriel Valley (WSGV) Planning Area and its communities. The WSGV Planning Area includes the following nine unincorporated communities of the County: Altadena, East Pasadena-East San Gabriel, Kinneloa Mesa, La Crescenta-Montrose, San Pasqual, South Monrovia Islands, South San Gabriel, Whittier Narrows, and South El Monte Island. Collectively, these communities are referred to as the “WSGVAP Communities.”

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County Planning is seeking your participation in the preparation of the WSGVAP to enhance, guide, and support the long-term growth, development, and maintenance of these communities of the LA County’s General Plan for unincorporated areas. The Project is subject to Section 65352.3 of the Government Code (Senate Bill (SB) 18 [2004]). Pursuant to SB 18, for the purpose of protecting tribal cultural places. County Planning must engage in consultation with California Native American Tribes prior to adopting or modifying a General Plan or designating land as open space. Cultural Places refer to places, features, and objects described in Public Resources Code Sections 5097.9 and 5097.993.1

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Sincerely,

Evan Sensibile

Evan Sensibile, Regional Planner
County of Los Angeles
Department of Regional Planning

February 26, 2024

Gabrieleno Band of Mission Indians - Kizh Nation
Andrew Salas, Chairperson
P.O. Box 393
Covina, CA 91723

SUBJECT: SB 18 Project Notification and Request to Consult Letter for the Proposed West San Gabriel Valley Area Plan (WSGVAP) in Los Angeles County, California

Dear Mr. Salas,

Los Angeles County Planning (County Planning) is in the process of developing an Area Plan for the West San Gabriel Valley area, referred to as the West San Gabriel Valley Area Plan (WSGVAP). The WSGVAP is a new community-based plan that focuses on land use and policy issues that are specific to the unique characteristics and needs of the West San Gabriel Valley (WSGV) Planning Area and its communities. The WSGV Planning Area includes the following nine unincorporated communities of the County: Altadena, East Pasadena-East San Gabriel, Kinneloa Mesa, La Crescenta-Montrose, San Pasqual, South Monrovia Islands, South San Gabriel, Whittier Narrows, and South El Monte Island. Collectively, these communities are referred to as the “WSGVAP Communities.”

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Sincerely,

Evan Sensibile

Evan Sensibile, Regional Planner
County of Los Angeles
Department of Regional Planning

February 26, 2024

Gabrieleno/Tongva
San Gabriel Band of Mission Indians
Anthony Morales, Chairperson
P.O. Box 693
San Gabriel, CA 91778

SUBJECT: SB 18 Project Notification and Request to Consult Letter for the Proposed West San Gabriel Valley Area Plan (WSGVAP) in Los Angeles County, California

Dear Mr. Morales,

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320 West Temple Street, Los Angeles, CA 90012 • 213-974-6411 • TDD: 213-617-2292

   @LACDRP • planning.lacounty.gov

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Sincerely,

Evan Sensibile

Evan Sensibile, Regional Planner
County of Los Angeles
Department of Regional Planning

February 26, 2024

Gabrielino/Tongva Nation
Sandonne Goad, Chairperson
106 1/2 Judge John Aiso St., #231
Los Angeles, CA 90012

SUBJECT: SB 18 Project Notification and Request to Consult Letter for the Proposed West San Gabriel Valley Area Plan (WSGVAP) in Los Angeles County, California

Dear Mrs. Goad,

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Evan Sensibile, Regional Planner
County of Los Angeles
Department of Regional Planning
320 West Temple Street, Room 1362
Los Angeles, California 90012
Email: ESensibile@planning.lacounty.gov
Tel: (213) 974-6425
Fax: (213) 626-0434

Thank you for your assistance with our efforts to address tribal cultural places that may be affected by the West San Gabriel Valley Area Plan.

Sincerely,

Evan Sensibile

Evan Sensibile, Regional Planner
County of Los Angeles
Department of Regional Planning

February 26, 2024

Gabrielino Tongva Indians of California Tribal Council
Christina Conley, Cultural Resource Administrator
P.O. Box 941078
Simi Valley, CA 93094

SUBJECT: SB 18 Project Notification and Request to Consult Letter for the Proposed West San Gabriel Valley Area Plan (WSGVAP) in Los Angeles County, California

Dear Mrs. Conley,

Los Angeles County Planning (County Planning) is in the process of developing an Area Plan for the West San Gabriel Valley area, referred to as the West San Gabriel Valley Area Plan (WSGVAP). The WSGVAP is a new community-based plan that focuses on land use and policy issues that are specific to the unique characteristics and needs of the West San Gabriel Valley (WSGV) Planning Area and its communities. The WSGV Planning Area includes the following nine unincorporated communities of the County: Altadena, East Pasadena-East San Gabriel, Kinneloa Mesa, La Crescenta-Montrose, San Pasqual, South Monrovia Islands, South San Gabriel, Whittier Narrows, and South El Monte Island. Collectively, these communities are referred to as the “WSGVAP Communities.”

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Sincerely,

Evan Sensibile

Evan Sensibile, Regional Planner
County of Los Angeles
Department of Regional Planning

February 26, 2024

Gabrielino Tongva Indians of California Tribal Council
Robert Dorame, Chairperson
P.O. Box 490
Bellflower, CA 90707

SUBJECT: SB 18 Project Notification and Request to Consult Letter for the Proposed West San Gabriel Valley Area Plan (WSGVAP) in Los Angeles County, California

Dear Mr. Dorame,

Los Angeles County Planning (County Planning) is in the process of developing an Area Plan for the West San Gabriel Valley area, referred to as the West San Gabriel Valley Area Plan (WSGVAP). The WSGVAP is a new community-based plan that focuses on land use and policy issues that are specific to the unique characteristics and needs of the West San Gabriel Valley (WSGV) Planning Area and its communities. The WSGV Planning Area includes the following nine unincorporated communities of the County: Altadena, East Pasadena-East San Gabriel, Kinneloa Mesa, La Crescenta-Montrose, San Pasqual, South Monrovia Islands, South San Gabriel, Whittier Narrows, and South El Monte Island. Collectively, these communities are referred to as the “WSGVAP Communities.”

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Sincerely,

Evan Sensibile

Evan Sensibile, Regional Planner
County of Los Angeles
Department of Regional Planning

February 26, 2024

Gabrielino-Tongva Tribe
Charles Alvarez, Chairperson
23454 Vanowen Street
West Hills, CA 91307

SUBJECT: SB 18 Project Notification and Request to Consult Letter for the Proposed West San Gabriel Valley Area Plan (WSGVAP) in Los Angeles County, California

Dear Mr. Alvarez,

Los Angeles County Planning (County Planning) is in the process of developing an Area Plan for the West San Gabriel Valley area, referred to as the West San Gabriel Valley Area Plan (WSGVAP). The WSGVAP is a new community-based plan that focuses on land use and policy issues that are specific to the unique characteristics and needs of the West San Gabriel Valley (WSGV) Planning Area and its communities. The WSGV Planning Area includes the following nine unincorporated communities of the County: Altadena, East Pasadena-East San Gabriel, Kinneloa Mesa, La Crescenta-Montrose, San Pasqual, South Monrovia Islands, South San Gabriel, Whittier Narrows, and South El Monte Island. Collectively, these communities are referred to as the “WSGVAP Communities.”

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Sincerely,

Evan Sensibile

Evan Sensibile, Regional Planner
County of Los Angeles
Department of Regional Planning

February 26, 2024

Gabrielino-Tongva Tribe
Sam Dunlap, Cultural Resource Director
P.O. Box 3919
Seal Beach, CA 90740

SUBJECT: SB 18 Project Notification and Request to Consult Letter for the Proposed West San Gabriel Valley Area Plan (WSGVAP) in Los Angeles County, California

Dear Mr. Dunlap,

Los Angeles County Planning (County Planning) is in the process of developing an Area Plan for the West San Gabriel Valley area, referred to as the West San Gabriel Valley Area Plan (WSGVAP). The WSGVAP is a new community-based plan that focuses on land use and policy issues that are specific to the unique characteristics and needs of the West San Gabriel Valley (WSGV) Planning Area and its communities. The WSGV Planning Area includes the following nine unincorporated communities of the County: Altadena, East Pasadena-East San Gabriel, Kinneloa Mesa, La Crescenta-Montrose, San Pasqual, South Monrovia Islands, South San Gabriel, Whittier Narrows, and South El Monte Island. Collectively, these communities are referred to as the “WSGVAP Communities.”

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Sincerely,

Evan Sensibile

Evan Sensibile, Regional Planner
County of Los Angeles
Department of Regional Planning

February 26, 2024

Morongo Band of Mission Indians
Ann Brierty, THPO
12700 Pumarra Road
Banning, CA 92220

SUBJECT: SB 18 Project Notification and Request to Consult Letter for the Proposed West San Gabriel Valley Area Plan (WSGVAP) in Los Angeles County, California

Dear Mrs. Brierty,

Los Angeles County Planning (County Planning) is in the process of developing an Area Plan for the West San Gabriel Valley area, referred to as the West San Gabriel Valley Area Plan (WSGVAP). The WSGVAP is a new community-based plan that focuses on land use and policy issues that are specific to the unique characteristics and needs of the West San Gabriel Valley (WSGV) Planning Area and its communities. The WSGV Planning Area includes the following nine unincorporated communities of the County: Altadena, East Pasadena-East San Gabriel, Kinneloa Mesa, La Crescenta-Montrose, San Pasqual, South Monrovia Islands, South San Gabriel, Whittier Narrows, and South El Monte Island. Collectively, these communities are referred to as the “WSGVAP Communities.”

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County of Los Angeles
Department of Regional Planning
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Thank you for your assistance with our efforts to address tribal cultural places that may be affected by the West San Gabriel Valley Area Plan.

Sincerely,

Evan Sensibile

Evan Sensibile, Regional Planner
County of Los Angeles
Department of Regional Planning

February 26, 2024

Morongo Band of Mission Indians
Robert Martin, Chairperson
12700 Pumarra Road
Banning, CA 92220

SUBJECT: SB 18 Project Notification and Request to Consult Letter for the Proposed West San Gabriel Valley Area Plan (WSGVAP) in Los Angeles County, California

Dear Mr. Martin,

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Sincerely,

Evan Sensibile

Evan Sensibile, Regional Planner
County of Los Angeles
Department of Regional Planning

February 26, 2024

San Fernando Band of Mission Indians
Donna Yocum, Chairperson
P.O. Box 221838
Newhall, CA 91322

SUBJECT: SB 18 Project Notification and Request to Consult Letter for the Proposed West San Gabriel Valley Area Plan (WSGVAP) in Los Angeles County, California

Dear Mrs. Yocum,

Los Angeles County Planning (County Planning) is in the process of developing an Area Plan for the West San Gabriel Valley area, referred to as the West San Gabriel Valley Area Plan (WSGVAP). The WSGVAP is a new community-based plan that focuses on land use and policy issues that are specific to the unique characteristics and needs of the West San Gabriel Valley (WSGV) Planning Area and its communities. The WSGV Planning Area includes the following nine unincorporated communities of the County: Altadena, East Pasadena-East San Gabriel, Kinneloa Mesa, La Crescenta-Montrose, San Pasqual, South Monrovia Islands, South San Gabriel, Whittier Narrows, and South El Monte Island. Collectively, these communities are referred to as the “WSGVAP Communities.”

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Thank you for your assistance with our efforts to address tribal cultural places that may be affected by the West San Gabriel Valley Area Plan.

Sincerely,

Evan Sensibile

Evan Sensibile, Regional Planner
County of Los Angeles
Department of Regional Planning

February 26, 2024

San Manuel Band of Mission Indians
Alexandra McCleary, Cultural Lands Manager
26569 Community Center Drive
Highland, CA 92346

SUBJECT: SB 18 Project Notification and Request to Consult Letter for the Proposed West San Gabriel Valley Area Plan (WSGVAP) in Los Angeles County, California

Dear Mrs. McCleary,

Los Angeles County Planning (County Planning) is in the process of developing an Area Plan for the West San Gabriel Valley area, referred to as the West San Gabriel Valley Area Plan (WSGVAP). The WSGVAP is a new community-based plan that focuses on land use and policy issues that are specific to the unique characteristics and needs of the West San Gabriel Valley (WSGV) Planning Area and its communities. The WSGV Planning Area includes the following nine unincorporated communities of the County: Altadena, East Pasadena-East San Gabriel, Kinneloa Mesa, La Crescenta-Montrose, San Pasqual, South Monrovia Islands, South San Gabriel, Whittier Narrows, and South El Monte Island. Collectively, these communities are referred to as the “WSGVAP Communities.”

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Sincerely,

Evan Sensibile

Evan Sensibile, Regional Planner
County of Los Angeles
Department of Regional Planning

February 26, 2024

Santa Rosa Band of Cahuilla Indians
Lovina Redner, Tribal Chair
P.O. Box 391820
Anza, CA 92539

SUBJECT: SB 18 Project Notification and Request to Consult Letter for the Proposed West San Gabriel Valley Area Plan (WSGVAP) in Los Angeles County, California

Dear Mrs. Redner,

Los Angeles County Planning (County Planning) is in the process of developing an Area Plan for the West San Gabriel Valley area, referred to as the West San Gabriel Valley Area Plan (WSGVAP). The WSGVAP is a new community-based plan that focuses on land use and policy issues that are specific to the unique characteristics and needs of the West San Gabriel Valley (WSGV) Planning Area and its communities. The WSGV Planning Area includes the following nine unincorporated communities of the County: Altadena, East Pasadena-East San Gabriel, Kinneloa Mesa, La Crescenta-Montrose, San Pasqual, South Monrovia Islands, South San Gabriel, Whittier Narrows, and South El Monte Island. Collectively, these communities are referred to as the “WSGVAP Communities.”

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Evan Sensibile, Regional Planner
County of Los Angeles
Department of Regional Planning
320 West Temple Street, Room 1362
Los Angeles, California 90012
Email: ESensibile@planning.lacounty.gov
Tel: (213) 974-6425
Fax: (213) 626-0434

Thank you for your assistance with our efforts to address tribal cultural places that may be affected by the West San Gabriel Valley Area Plan.

Sincerely,

Evan Sensibile

Evan Sensibile, Regional Planner
County of Los Angeles
Department of Regional Planning

February 26, 2024

Serrano Nation of Mission Indians
Mark Cochrane, Co-Chairperson
P. O. Box 343
Patton, CA 92369

SUBJECT: SB 18 Project Notification and Request to Consult Letter for the Proposed West San Gabriel Valley Area Plan (WSGVAP) in Los Angeles County, California

Dear Mr. Cochrane,

Los Angeles County Planning (County Planning) is in the process of developing an Area Plan for the West San Gabriel Valley area, referred to as the West San Gabriel Valley Area Plan (WSGVAP). The WSGVAP is a new community-based plan that focuses on land use and policy issues that are specific to the unique characteristics and needs of the West San Gabriel Valley (WSGV) Planning Area and its communities. The WSGV Planning Area includes the following nine unincorporated communities of the County: Altadena, East Pasadena-East San Gabriel, Kinneloa Mesa, La Crescenta-Montrose, San Pasqual, South Monrovia Islands, South San Gabriel, Whittier Narrows, and South El Monte Island. Collectively, these communities are referred to as the “WSGVAP Communities.”

The WSGVAP is intended to guide long-term growth for the unincorporated areas within the WSGV Planning Area by encouraging development of housing options and affordability, preserving/sustaining open space, conserving natural resources, protecting community health, safety, and general welfare, increasing access to community amenities, and promoting areas suitable for growth away from hazards. Goals, policies, and implementation programs would be developed for the WSGVAP to support these objectives, especially to support smart growth and sustainable development throughout the WSGV Planning Area. The WSGVAP (Project No. PRJ2023-003982) would execute these goals primarily through, but not limited to, an Environmental Assessment (No. RPPL2023005884), a General Plan Amendment (No. RPPL2023005882), a Zone Change (No. RPPL2023005883), and an Advance Planning Case (No. RPPL2023005880).

County Planning is seeking your participation in the preparation of the WSGVAP to enhance, guide, and support the long-term growth, development, and maintenance of these communities of the LA County’s General Plan for unincorporated areas. The Project is subject to Section 65352.3 of the Government Code (Senate Bill (SB) 18 [2004]). Pursuant to SB 18, for the purpose of protecting tribal cultural places. County Planning must engage in consultation with California Native American Tribes prior to adopting or modifying a

General Plan or designating land as open space. Cultural Places refer to places, features, and objects described in Public Resources Code Sections 5097.9 and 5097.993.1

To provide Native American tribes with the opportunity to participate in local land use decisions at an early stage, in accordance with SB 18, please let us know if you would like to be consulted with on this Project. Los Angeles County Planning feels that your comments regarding decisions that may affect ancestral tribal sites are very important. Any information you have regarding tribal cultural places will be kept strictly confidential and will not be divulged to the public. Pursuant to California Government Code § 65352.3, you may request a consultation within 90 days of receiving this letter. We would appreciate receiving your comments by April 1st, 2024. Please forward any comments regarding this Project to:

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Thank you for your assistance with our efforts to address tribal cultural places that may be affected by the West San Gabriel Valley Area Plan.

Sincerely,

Evan Sensibile

Evan Sensibile, Regional Planner
County of Los Angeles
Department of Regional Planning

February 26, 2024

Serrano Nation of Mission Indians
Wayne Walker, Co-Chairperson
P. O. Box 343
Patton, CA 92369

SUBJECT: SB 18 Project Notification and Request to Consult Letter for the Proposed West San Gabriel Valley Area Plan (WSGVAP) in Los Angeles County, California

Dear Mr. Walker,

Los Angeles County Planning (County Planning) is in the process of developing an Area Plan for the West San Gabriel Valley area, referred to as the West San Gabriel Valley Area Plan (WSGVAP). The WSGVAP is a new community-based plan that focuses on land use and policy issues that are specific to the unique characteristics and needs of the West San Gabriel Valley (WSGV) Planning Area and its communities. The WSGV Planning Area includes the following nine unincorporated communities of the County: Altadena, East Pasadena-East San Gabriel, Kinneloa Mesa, La Crescenta-Montrose, San Pasqual, South Monrovia Islands, South San Gabriel, Whittier Narrows, and South El Monte Island. Collectively, these communities are referred to as the “WSGVAP Communities.”

The WSGVAP is intended to guide long-term growth for the unincorporated areas within the WSGV Planning Area by encouraging development of housing options and affordability, preserving/sustaining open space, conserving natural resources, protecting community health, safety, and general welfare, increasing access to community amenities, and promoting areas suitable for growth away from hazards. Goals, policies, and implementation programs would be developed for the WSGVAP to support these objectives, especially to support smart growth and sustainable development throughout the WSGV Planning Area. The WSGVAP (Project No. PRJ2023-003982) would execute these goals primarily through, but not limited to, an Environmental Assessment (No. RPPL2023005884), a General Plan Amendment (No. RPPL2023005882), a Zone Change (No. RPPL2023005883), and an Advance Planning Case (No. RPPL2023005880).

County Planning is seeking your participation in the preparation of the WSGVAP to enhance, guide, and support the long-term growth, development, and maintenance of these communities of the LA County’s General Plan for unincorporated areas. The Project is subject to Section 65352.3 of the Government Code (Senate Bill (SB) 18 [2004]). Pursuant to SB 18, for the purpose of protecting tribal cultural places. County Planning must engage in consultation with California Native American Tribes prior to adopting or modifying a

General Plan or designating land as open space. Cultural Places refer to places, features, and objects described in Public Resources Code Sections 5097.9 and 5097.993.1

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Thank you for your assistance with our efforts to address tribal cultural places that may be affected by the West San Gabriel Valley Area Plan.

Sincerely,

Evan Sensibile

Evan Sensibile, Regional Planner
County of Los Angeles
Department of Regional Planning

February 26, 2024

Soboba Band of Luiseno Indians
Joseph Ontiveros, Tribal Historic Preservation Officer
P.O. Box 487
San Jacinto, CA 92581

SUBJECT: SB 18 Project Notification and Request to Consult Letter for the Proposed West San Gabriel Valley Area Plan (WSGVAP) in Los Angeles County, California

Dear Mr. Ontiveros,

Los Angeles County Planning (County Planning) is in the process of developing an Area Plan for the West San Gabriel Valley area, referred to as the West San Gabriel Valley Area Plan (WSGVAP). The WSGVAP is a new community-based plan that focuses on land use and policy issues that are specific to the unique characteristics and needs of the West San Gabriel Valley (WSGV) Planning Area and its communities. The WSGV Planning Area includes the following nine unincorporated communities of the County: Altadena, East Pasadena-East San Gabriel, Kinneloa Mesa, La Crescenta-Montrose, San Pasqual, South Monrovia Islands, South San Gabriel, Whittier Narrows, and South El Monte Island. Collectively, these communities are referred to as the “WSGVAP Communities.”

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County Planning is seeking your participation in the preparation of the WSGVAP to enhance, guide, and support the long-term growth, development, and maintenance of these communities of the LA County’s General Plan for unincorporated areas. The Project is subject to Section 65352.3 of the Government Code (Senate Bill (SB) 18 [2004]). Pursuant to SB 18, for the purpose of protecting tribal cultural places. County Planning must engage in consultation with California Native American Tribes prior to adopting or modifying a

General Plan or designating land as open space. Cultural Places refer to places, features, and objects described in Public Resources Code Sections 5097.9 and 5097.993.1

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Thank you for your assistance with our efforts to address tribal cultural places that may be affected by the West San Gabriel Valley Area Plan.

Sincerely,

Evan Sensibile

Evan Sensibile, Regional Planner
County of Los Angeles
Department of Regional Planning

February 26, 2024

Soboba Band of Luiseno Indians
Jessica Valdez, Cultural Resource Specialist
P.O. Box 487
San Jacinto, CA 92581

SUBJECT: SB 18 Project Notification and Request to Consult Letter for the Proposed West San Gabriel Valley Area Plan (WSGVAP) in Los Angeles County, California

Dear Mrs. Valdez,

Los Angeles County Planning (County Planning) is in the process of developing an Area Plan for the West San Gabriel Valley area, referred to as the West San Gabriel Valley Area Plan (WSGVAP). The WSGVAP is a new community-based plan that focuses on land use and policy issues that are specific to the unique characteristics and needs of the West San Gabriel Valley (WSGV) Planning Area and its communities. The WSGV Planning Area includes the following nine unincorporated communities of the County: Altadena, East Pasadena-East San Gabriel, Kinneloa Mesa, La Crescenta-Montrose, San Pasqual, South Monrovia Islands, South San Gabriel, Whittier Narrows, and South El Monte Island. Collectively, these communities are referred to as the “WSGVAP Communities.”

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Los Angeles, California 90012
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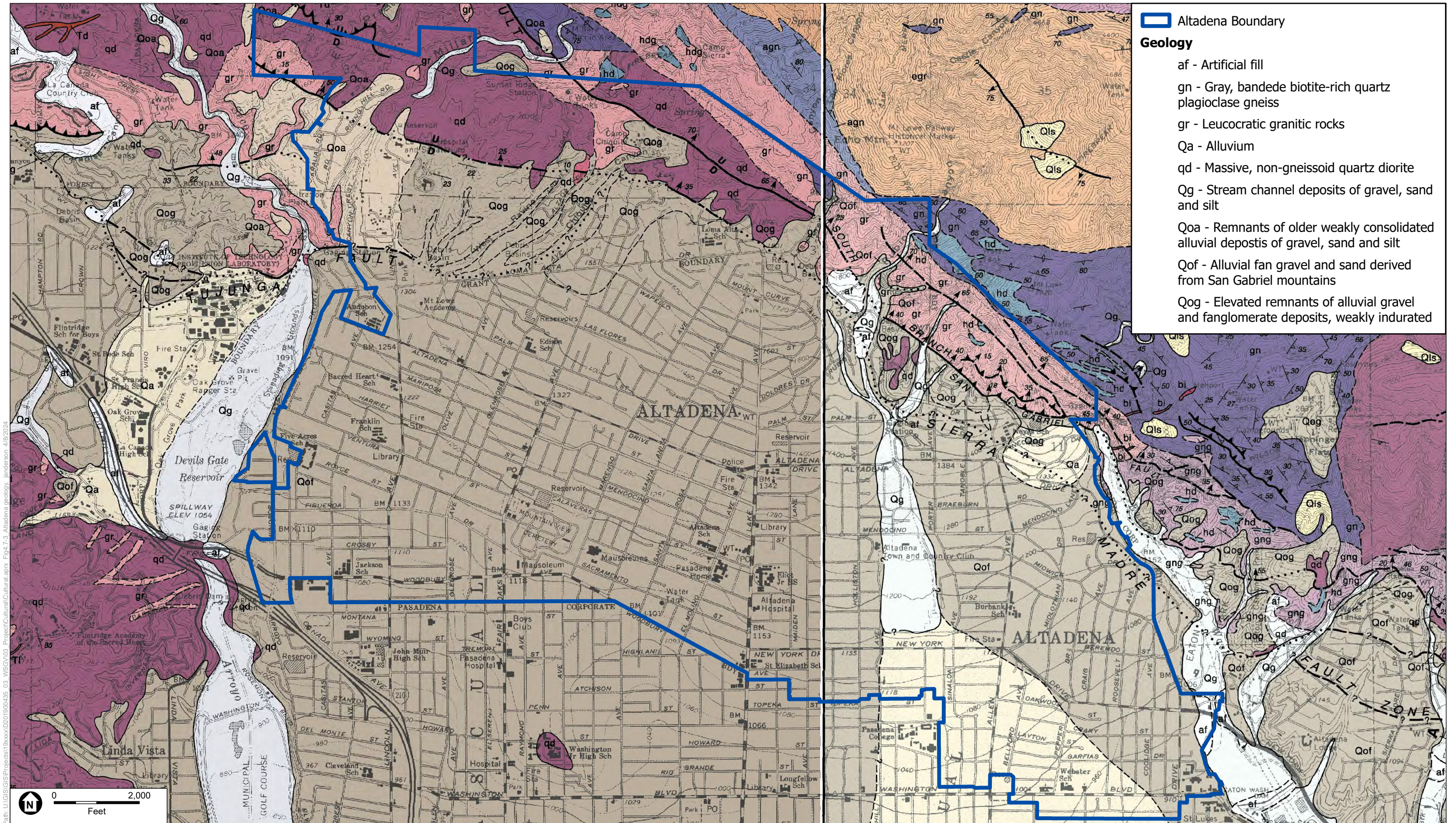
Thank you for your assistance with our efforts to address tribal cultural places that may be affected by the West San Gabriel Valley Area Plan.

Sincerely,

Evan Sensibile

Evan Sensibile, Regional Planner
County of Los Angeles
Department of Regional Planning

Appendix G
WSGVAP Geologic Maps

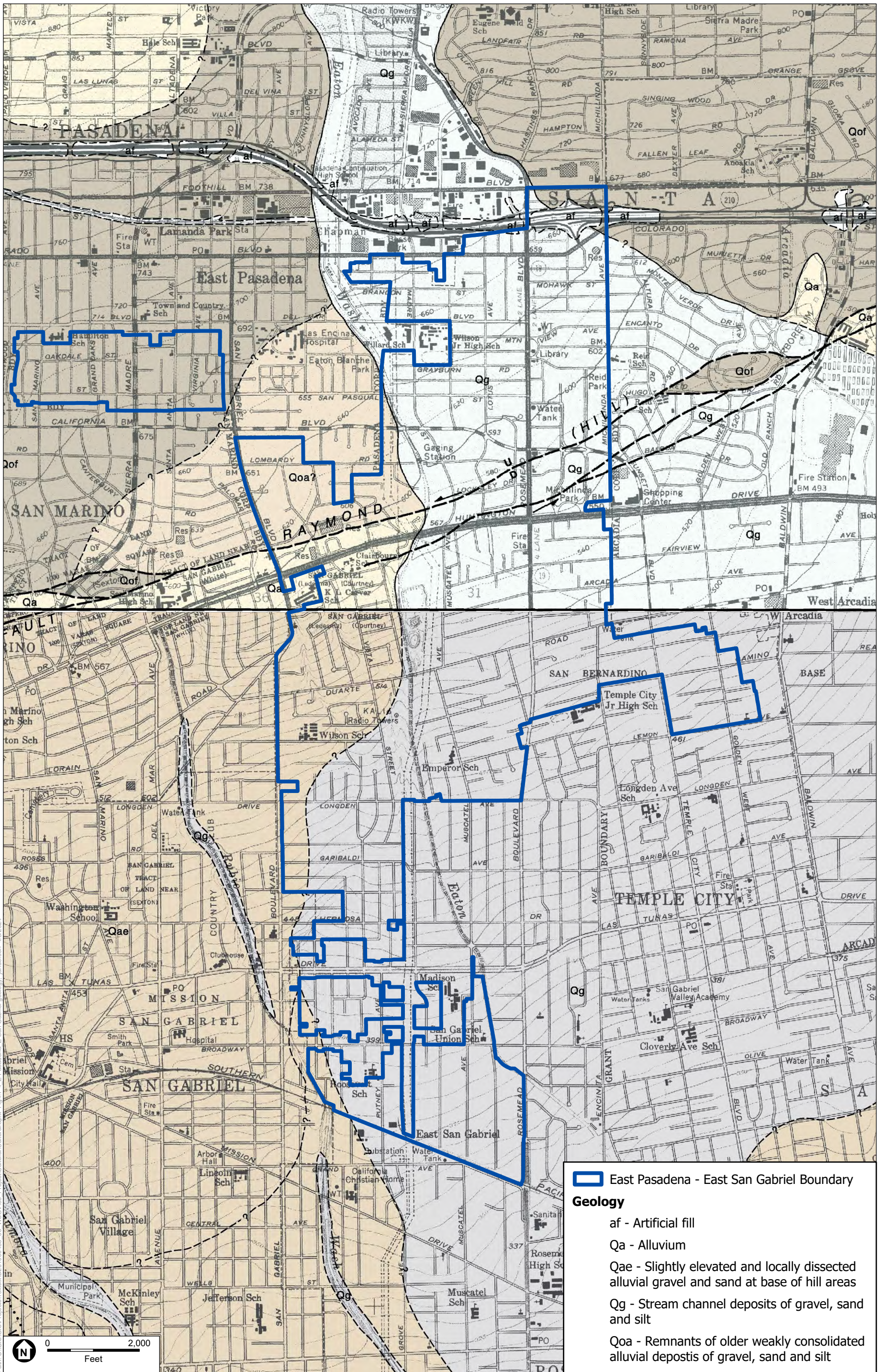


TOPOQUAD: Pasadena and Mount Wilson.

West San Gabriel Valley Area Plan

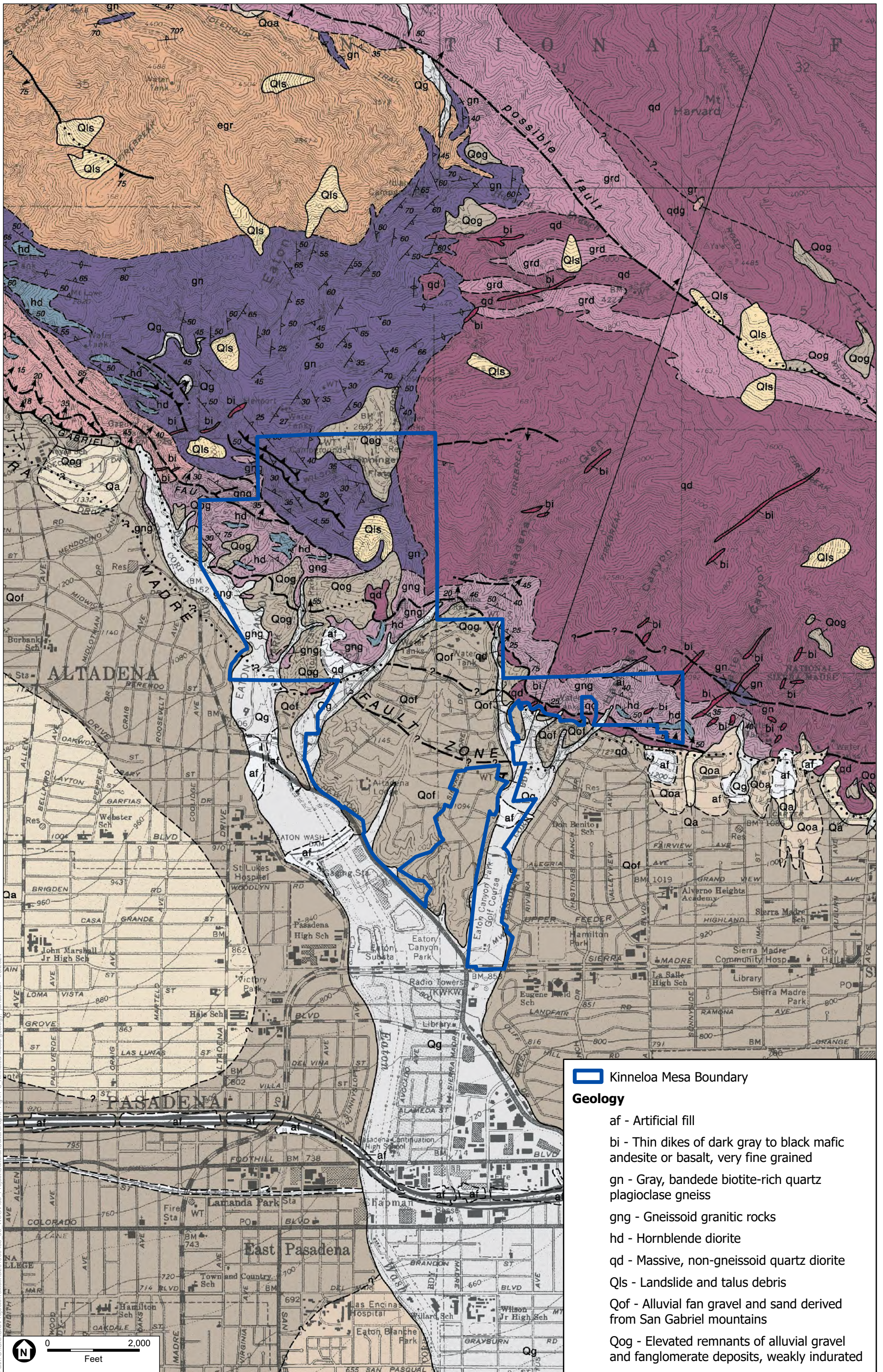
Geologic Map - Altadena





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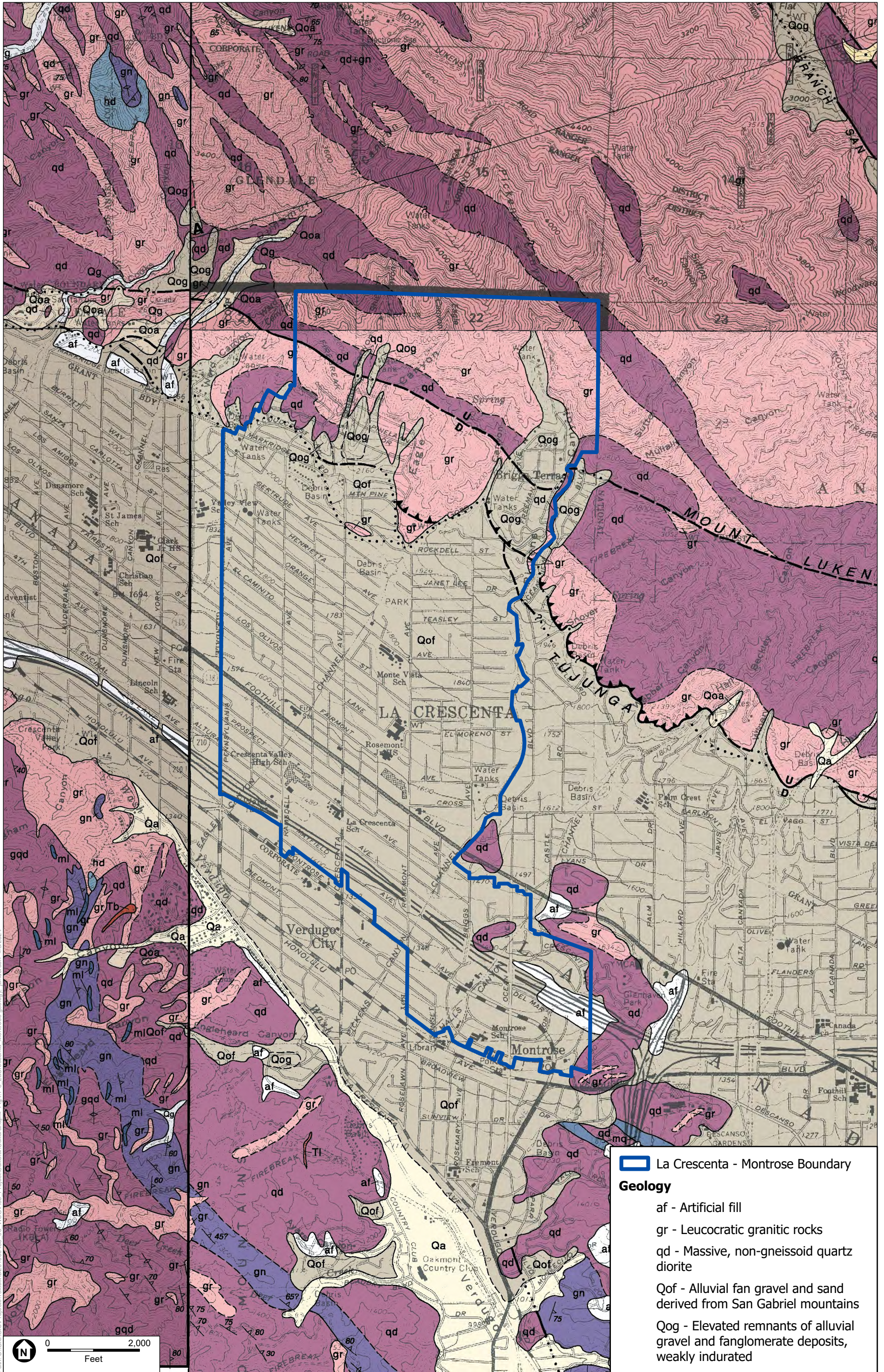
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TOPOQUAD: Mount Wilson

West San Gabriel Valley Area Plan

Geologic Map - Kinneloa Mesa

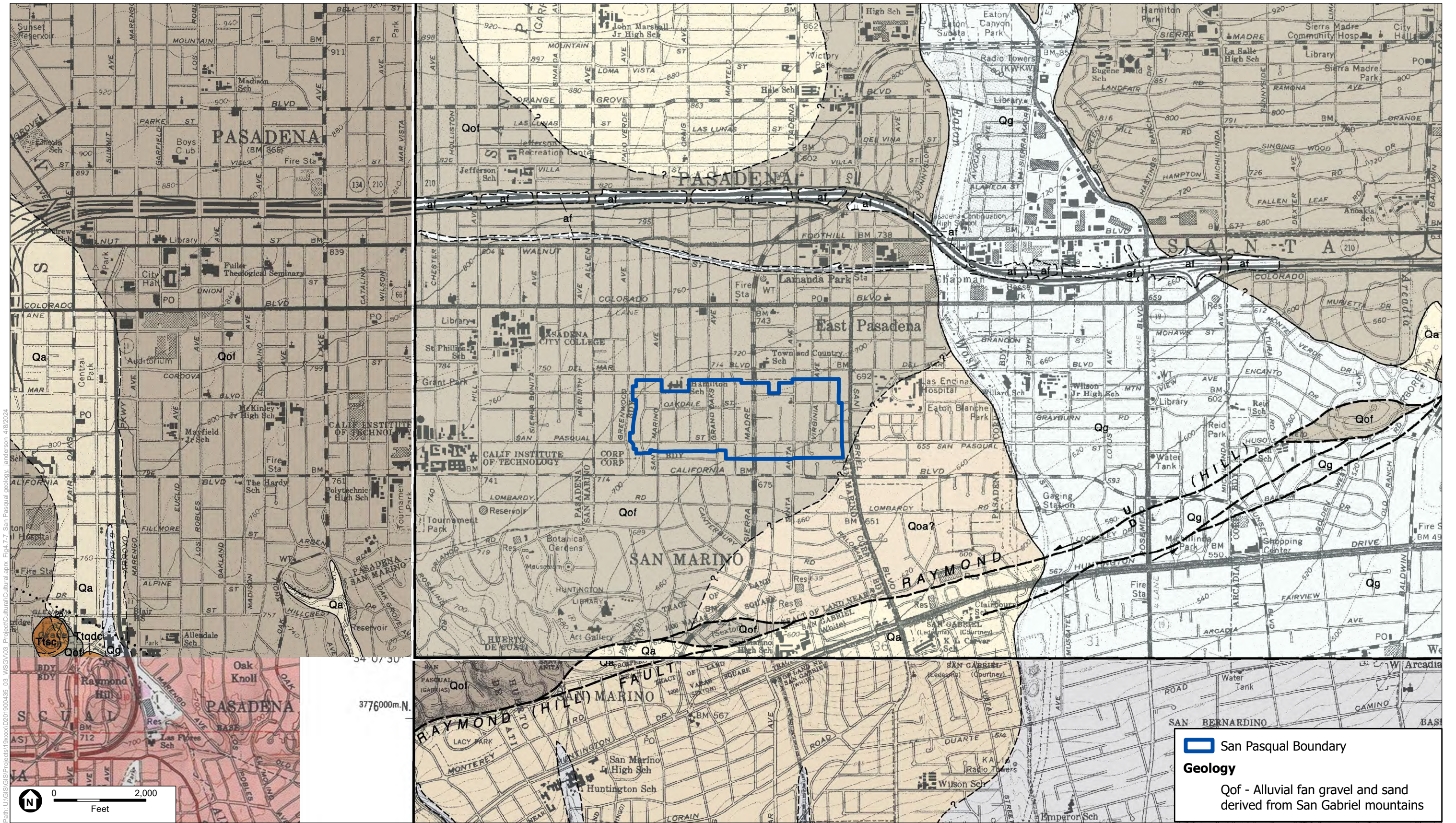




SOURCE: Condor Peak and Pasadena

West San Gabriel Valley Area Plan



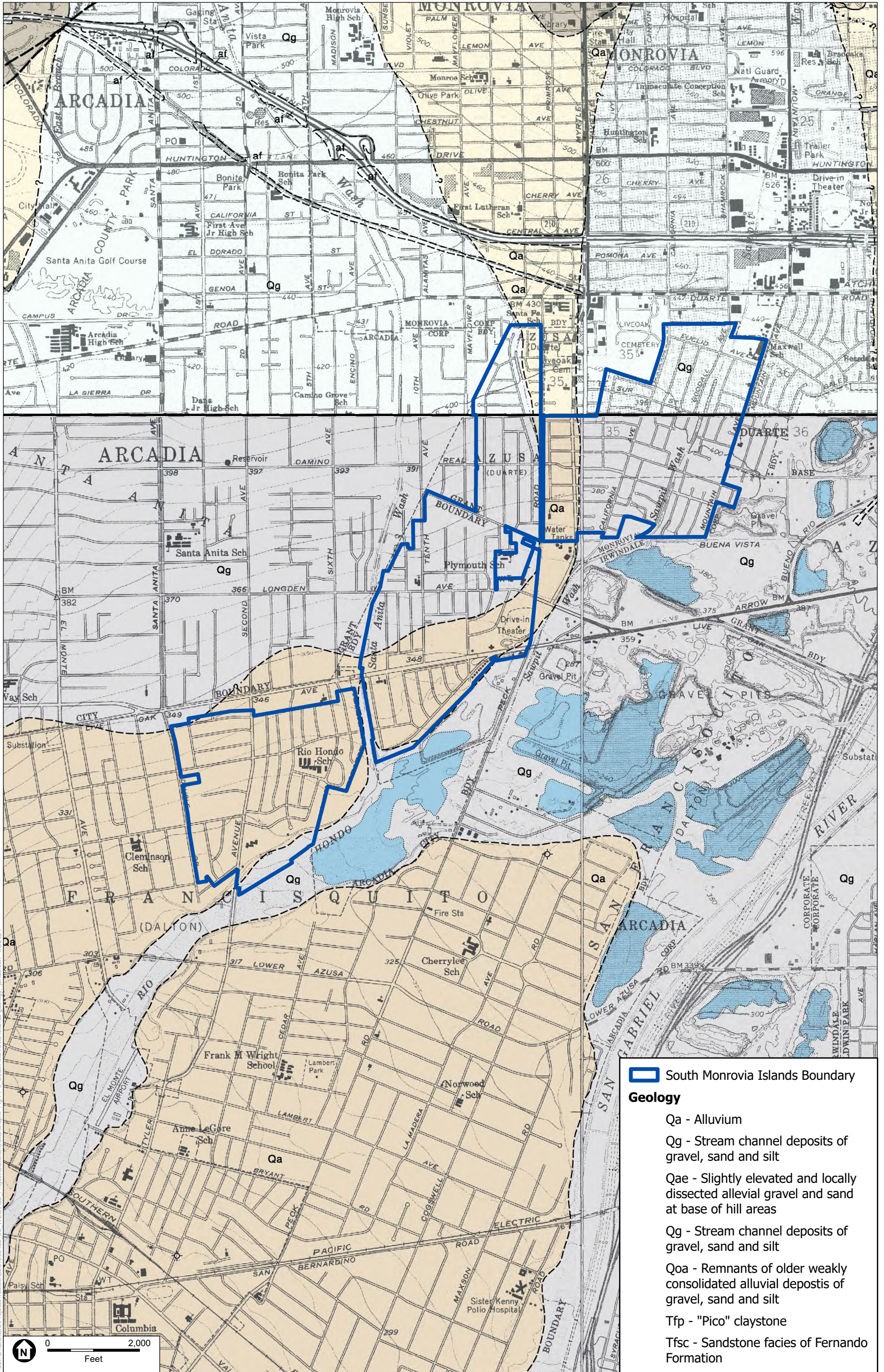


TOPOQUAD: Mount Wilson

West San Gabriel Valley Area Plan

Geologic Map - San Pasqual





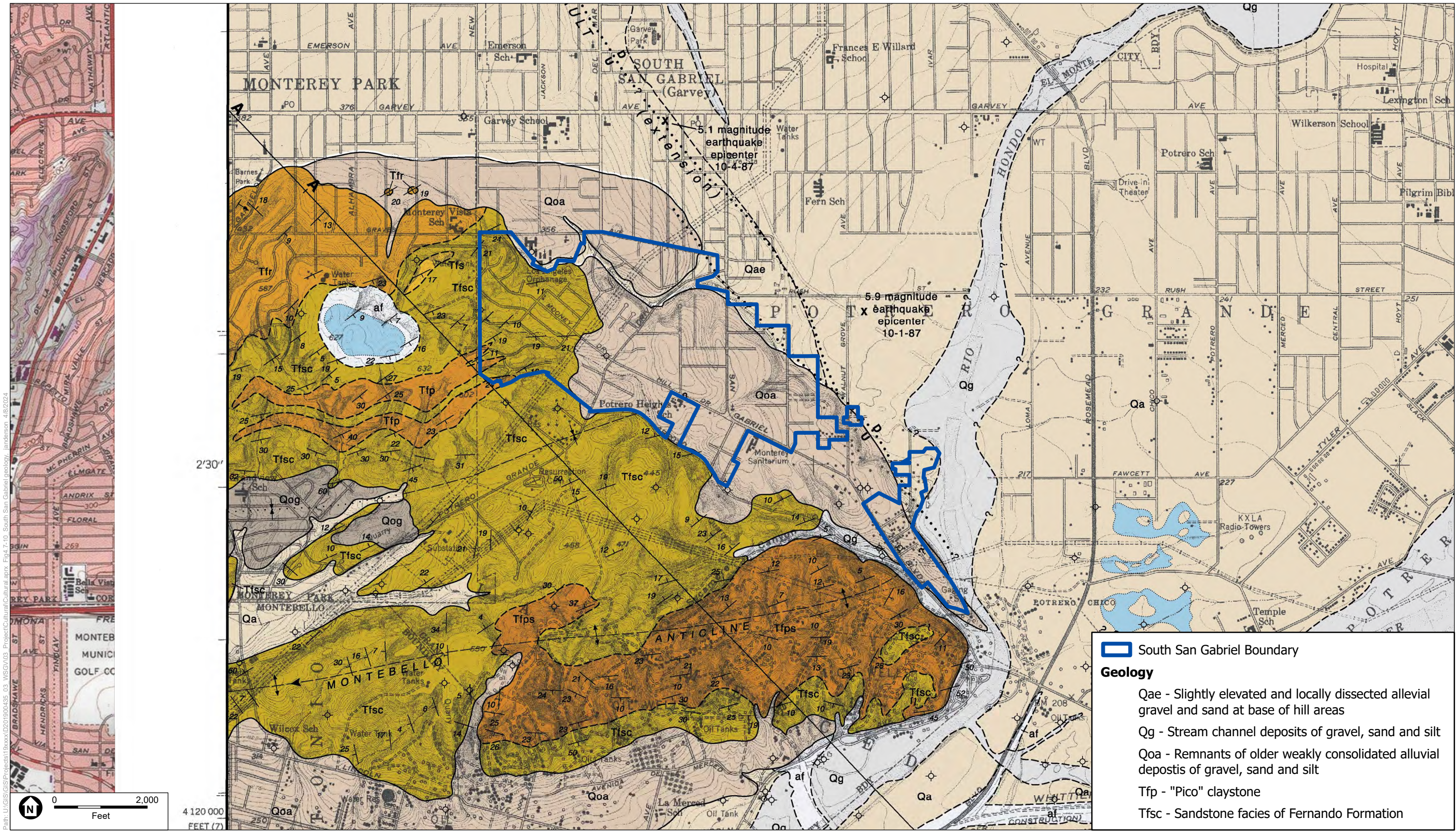
Path: U:\GIS\Projects\Iscor\20100403_03_MISGV03_Project\Cultural\Cultural.aprx Fig4-7-9_South Monrovia Islands geology_1.mxd 4/8/2024

TOPOQUAD: Azusa

West San Gabriel Valley Area Plan

**Geologic Map
South Monrovia Islands**





South San Gabriel Boundary

Geology

- Qae - Slightly elevated and locally dissected alluvial gravel and sand at base of hill areas
- Qg - Stream channel deposits of gravel, sand and silt
- Qoa - Remnants of older weakly consolidated alluvial deposits of gravel, sand and silt
- Tfp - "Pico" claystone
- Tfsc - Sandstone facies of Fernando Formation

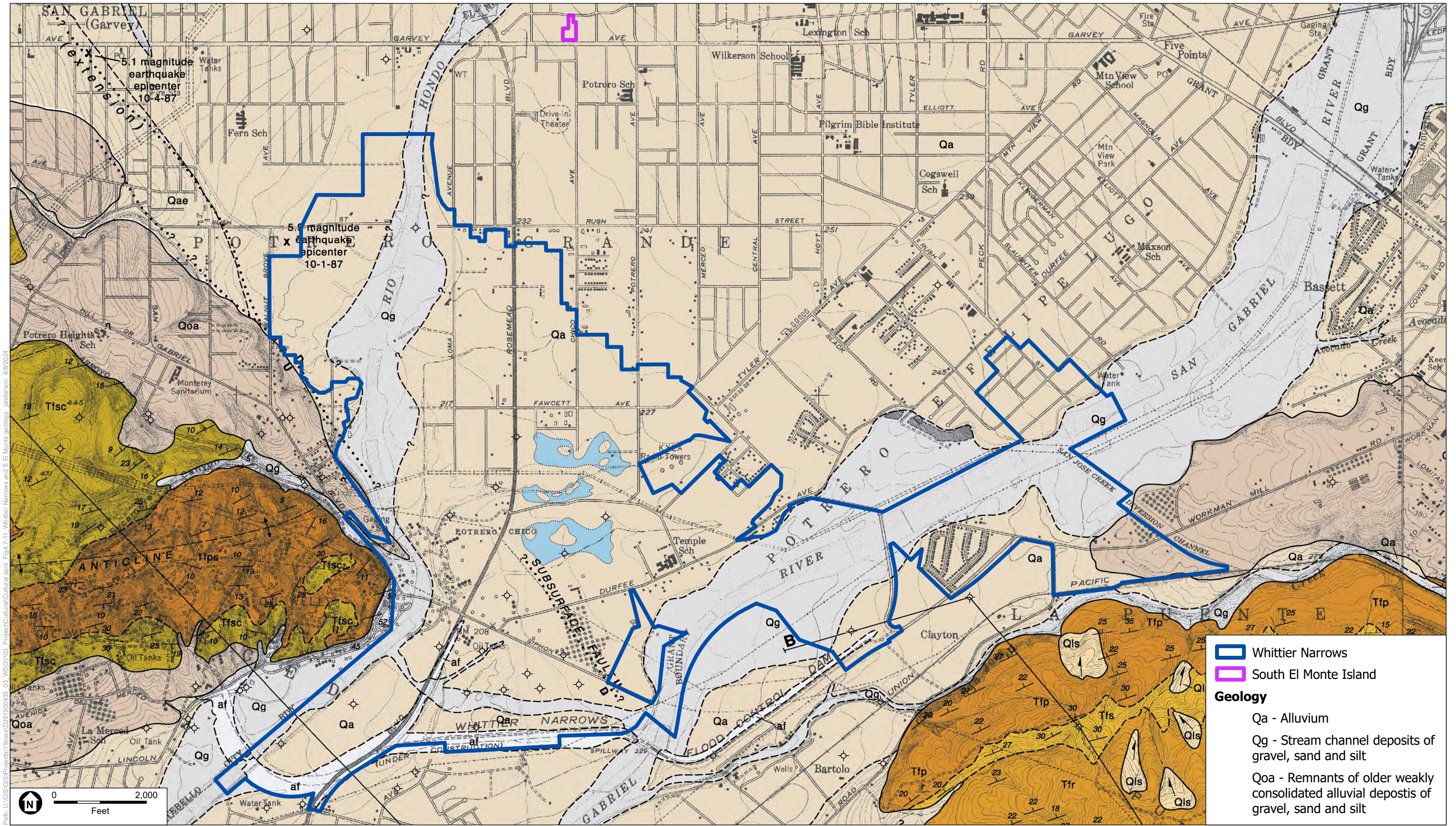
TOPOQUAD:EI Monte

West San Gabriel Valley Area Plan

**Geologic Map
South San Gabriel**



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TOPOQUAD: El Monte

West San Gabriel Valley Area Plan

Appendix H

Noise Modeling Data

H1. Traffic Noise Calculations

WSGVAP - Operation Traffic Noise Modeling Summary

Roadway Segment	Community	Future Plus Project Distance (feet) to Centerline to			Future No Project Noise Levels	Future Plus Project Noise Levels	Increase
		60 dBA CNEL Contour	65 dBA CNEL Contour	70 dBA CNEL Contour	dBA CNEL at 30 Feet from Centerline		
Canada Ave between W Woodbury Rd & W Montana St	Altadena	215	70	20	66.4	66.4	0.0
Casitas Ave between W Altadena Dr & Ventura St	Altadena	240	75	25	66.8	66.8	0.0
E Altadena Dr between Allen Ave & Crescent Dr	Altadena	585	185	60	70.7	70.7	0.0
E Altadena Dr between Fair Oaks Ave & N Marengo Ave	Altadena	645	205	65	71.0	71.1	0.1
E Altadena Dr between Lake Ave & N Holliston Ave	Altadena	1,210	385	120	73.8	73.8	0.0
E Altadena Dr between N Holliston Ave & Allen Ave	Altadena	1,210	385	120	73.8	73.8	0.0
E New York Dr between Lake Ave & Mar Vista Ave	Altadena	2,185	690	220	76.4	76.4	0.0
E New York Dr between Mar Vista Ave & N Holliston Ave	Altadena	2,185	690	220	76.4	76.4	0.0
E New York Dr between N Holliston Ave & N Hill Ave	Altadena	2,220	700	220	76.4	76.5	0.0
E Washington Blvd between Bellford Ave & Pepper Dr	Altadena	385	120	40	68.8	68.9	0.1
E Washington Blvd between N Altadena Dr & Woodlyn Rd	Altadena	275	85	25	67.3	67.4	0.1
E Washington Blvd between Pepper Dr & N Altadena Dr	Altadena	385	120	40	68.8	68.9	0.1
E Woodbury Rd between E Altadena Dr & E Calaveras St	Altadena	2,420	765	240	76.8	76.8	0.0
E Woodbury Rd between Los Robles Ave & Lake ave	Altadena	1,545	490	155	74.9	74.9	0.0
E Woodbury Rd between N Marengo Ave & Santa Anita Ave	Altadena	2,325	735	230	76.7	76.7	0.0
E Woodbury Rd between Santa Anita Ave & Los Robles Ave	Altadena	2,325	735	230	76.7	76.7	0.0
Lincoln Ave between W Woodbury Rd & Vermont St	Altadena	1,430	450	145	74.6	74.6	0.0
Montrose Ave between Glenda Ave & Waltonia Dr	Altadena	520	165	50	70.2	70.2	0.0
N Allen Ave between E Altadena Dr & Mendocino Ln	Altadena	670	210	65	71.3	71.3	0.0
N Allen Ave between Mendocino Ln & Midwick Dr	Altadena	805	255	80	72.1	72.1	0.0
N Allen Ave between Midwick Dr & New York Dr	Altadena	590	185	60	70.8	70.7	0.0
N Allen Ave between New York Dr & E Washington Blvd	Altadena	840	265	85	72.3	72.2	0.0
N Allen Ave between New York Dr & E Woodbury Rd	Altadena	840	265	85	72.3	72.2	0.0
N Altadena Dr between Crescent Dr & Canyon Close Rd	Altadena	1,120	355	110	73.5	73.5	0.0
N Altadena Dr between E Washington Blvd & Galbreth Rd	Altadena	795	250	80	72.1	72.0	-0.1
N Altadena Dr between Glen Canyon Rd & New York Dr	Altadena	1,330	420	135	74.2	74.3	0.0
N Altadena Dr between New York Dr & E Washington Blvd	Altadena	445	140	45	69.5	69.5	0.0
N Arroyo Blvd between Weimar Ave & 210	Altadena	1,120	355	110	73.5	73.5	0.0
N Fair Oaks Ave between E Altadena Dr & E Calaveras St	Altadena	735	235	75	71.7	71.7	-0.1
N Fair Oaks Ave between Ventura St & Figueroa Dr	Altadena	430	135	45	69.4	69.4	0.0
N Hill Ave between New York Dr & E Topeka St	Altadena	230	70	25	66.6	66.6	0.0
N Lake Ave between E Altadena Dr & E Mariposa St	Altadena	655	205	65	71.2	71.2	0.0
N Lake Ave between E Altadena Dr & Fontanet Way	Altadena	715	225	70	71.6	71.6	0.0
N Lake Ave between E Calaveras St & New York Dr	Altadena	490	155	50	70.0	69.9	0.0
N Lake Ave between E Mariposa St & E Mendocino St	Altadena	655	205	65	71.2	71.2	0.0
N Lake Ave between E Mendocino St & E Calaveras St	Altadena	495	155	50	70.0	69.9	0.0
N Lake Ave between New York Dr & E Woodbury Rd	Altadena	1,785	565	180	75.5	75.5	0.0

Roadway Segment	Community	Future Plus Project Distance (feet) to Centerline to			Future No Project Noise Levels	Future Plus Project Noise Levels	Increase
		60 dBA CNEL Contour	65 dBA CNEL Contour	70 dBA CNEL Contour	dBA CNEL at 30 Feet from Centerline		
N Lincoln Ave between Acacia St & W Woodbury Rd	Altadena	835	265	85	72.2	72.2	0.0
N Lincoln Ave between Figueroa Dr & Acacia St	Altadena	1,705	540	170	75.3	75.3	0.0
N Lincoln Ave between Ventura St & Figueroa Dr	Altadena	1,025	325	105	73.1	73.1	0.0
N Lincoln Ave between W Altadena Dr & Ventura St	Altadena	490	155	50	69.9	69.9	0.0
N Marengo Ave between E Altadena Dr & E Mariposa St	Altadena	275	85	25	67.4	67.4	0.0
N Marengo Ave between E Calaveras St & E Woodbury Rd	Altadena	275	85	25	67.4	67.4	0.0
N Marengo Ave between E Mariposa St & E Calaveras St	Altadena	275	85	25	67.4	67.4	0.0
N Windsor Ave between W Kent St & W Woodbury Rd	Altadena	185	60	20	65.7	65.7	0.0
N Windsor Ave between Ventura St & Figueroa Dr	Altadena	185	60	20	65.7	65.7	0.0
N Windsor Ave between W Woodbury Rd & Wiemar Ave	Altadena	875	275	85	72.4	72.4	0.0
N Yucca Ln between N Arroyo Blvd & Weimar Ave	Altadena	250	80	25	67.0	67.0	0.0
New York Dr between Allen Ave & Pepper Dr	Altadena	2,220	705	220	76.5	76.5	0.0
New York Dr between N Altadena Dr & Eaton Canyon Dr	Altadena	3,660	1,160	365	78.6	78.6	0.0
New York Dr between N Hill Ave & Sinaloa Ave	Altadena	1,195	380	120	73.8	73.8	0.0
New York Dr between Pepper Dr & N Altadena Dr	Altadena	2,220	705	220	76.5	76.5	0.0
New York Dr between Sinaloa Ave & Allen Ave	Altadena	1,240	390	125	74.0	73.9	0.0
W Altadena Dr between Casitas Ave & Lincoln Ave	Altadena	240	75	25	66.8	66.8	0.0
W Woodbury Rd between Canada Ave & Casitas Ave	Altadena	3,080	975	310	77.9	77.9	0.0
W Woodbury Rd between Casitas Ave & Lincoln Ave	Altadena	3,080	975	310	77.9	77.9	0.0
W Woodbury Rd between Glenrose Ave & Fair Oaks Ave	Altadena	2,225	705	220	76.5	76.5	0.0
W Woodbury Rd between Lincoln Ave & Glenrose Ave	Altadena	2,555	810	255	77.1	77.1	0.0
W Woodbury Rd between N Windsor Ave & Canada Ave	Altadena	3,430	1,085	345	78.3	78.4	0.0
Weimar Ave between N Yucca Ln & N Windsor Ave	Altadena	380	120	40	68.8	68.8	0.0
Duarte Rd between Rosemead Blvd & N Oak Ave	East Pasadena	1,415	445	140	74.4	74.5	0.1
E California Blvd between Brightside Ln & Madre St	East Pasadena	1,230	390	125	73.9	73.9	0.0
E California Blvd between Michigan Blvd & Woodward Blvd	East Pasadena	2,160	685	215	76.4	76.4	0.0
E California Blvd between Woodward Blvd & S Michillinda Ave	East Pasadena	2,160	685	215	76.4	76.4	0.0
E Colorado Blvd between Lotus Ave & N Rosemead Blvd	East Pasadena	3,195	1,010	320	78.0	78.1	0.0
E Colorado Blvd between Madre St & Lotus Ave	East Pasadena	3,195	1,010	320	78.0	78.1	0.0
E Colorado Blvd between Merlon Ave & Michillinda Ave	East Pasadena	3,710	1,175	370	78.7	78.7	0.0
E Colorado Blvd between N Rosemead Blvd & Merlon Ave	East Pasadena	2,395	760	240	76.8	76.8	0.0
E Foothill Blvd between N Rosemead Blvd & Quigley Ave	East Pasadena	2,570	815	255	77.1	77.1	0.0
E Foothill Blvd between Quigley Ave & S Michillinda Ave	East Pasadena	2,220	700	220	76.5	76.5	0.0
Huntington Dr between N Muscatel Ave & S Rosemead Blvd	East Pasadena	4,590	1,450	460	79.6	79.6	0.0
Huntington Dr between Sunny Slope Dr & N Muscatel Ave	East Pasadena	8,465	2,675	845	82.3	82.3	0.0
Longden Ave between N Muscatel Ave & Rosemead Blvd	East Pasadena	680	215	70	71.3	71.3	0.0
Madre St between E Green St & E Del Mar Blvd	East Pasadena	1,505	475	150	74.8	74.8	0.0
Madre St between Grayburn Rd & San Pasqual St	East Pasadena	1,485	470	150	74.7	74.7	0.0
Madre St between San Pasqual St & E California Blvd	East Pasadena	1,550	490	155	74.9	74.9	0.0
N Michillinda Ave between W Foothill Blvd & 210	East Pasadena	2,240	710	225	76.5	76.5	0.0
N Rosemead Blvd between Corta Calle & E Colorado Blvd	East Pasadena	4,385	1,385	440	79.4	79.4	0.0
N Rosemead Blvd between Cotra Calle & Arboleda St	East Pasadena	4,750	1,500	475	79.8	79.8	0.0
N Rosemead Blvd between E Foothill Blvd & Arboleda St	East Pasadena	3,265	1,030	325	78.1	78.1	0.0
Rosemead Blvd between Duarte Rd & Callita St	East Pasadena	5,290	1,675	530	80.2	80.2	0.0
S Michillinda Ave between E California Blvd & Huntington Dr	East Pasadena	160	50	15	64.8	65.1	0.3
S Michillinda Ave between Volante Dr & Hugo Reid Dr	East Pasadena	1,100	350	110	73.4	73.4	0.0
S Rosemead Blvd between Del Mar Blvd & E California Blvd	East Pasadena	6,235	1,970	625	81.0	81.0	0.0
S Rosemead Blvd between E Colorado Blvd & Del Mar Blvd	East Pasadena	6,935	2,195	695	81.4	81.4	0.0
S San Gabriel Blvd between E California Blvd & Huntington Dr	East Pasadena	5,650	1,785	565	80.5	80.5	0.0
Duarte Rd between N Muscatel Ave & Rosemead Blvd	East San Gabriel	685	215	70	71.3	71.4	0.1
Duarte Rd between N Vista St & N Muscatel Ave	East San Gabriel	925	295	95	72.5	72.7	0.1
Duarte Rd between San Gabriel Blvd & N Vista St	East San Gabriel	925	295	95	72.5	72.7	0.1
E Broadway between N Burton Ave & N Muscatel Ave	East San Gabriel	740	235	75	71.8	71.7	0.0
E Broadway between N Muscatel Ave & Acacia St	East San Gabriel	3,345	1,055	335	78.2	78.3	0.0
E California Blvd between S Rosemead Blvd & Michigan Blvd	East San Gabriel	2,160	685	215	76.4	76.4	0.0
Huntington Dr between S Rosemead Blvd & S Michillinda Ave	East San Gabriel	4,820	1,525	480	79.8	79.8	0.0
Longden Ave between N Willard Ave & Rosemead Blvd	East San Gabriel	835	265	85	72.2	72.2	0.0
Longden Ave between San Gabriel Blvd & N Willard Ave	East San Gabriel	835	265	85	72.2	72.2	0.0
N Walnut Grove Ave between Southwind Ct & E Broadway	East San Gabriel	985	310	100	72.9	72.9	0.0
S Michillinda Ave between Hugo Reid Dr & E California Blvd	East San Gabriel	1,100	350	110	73.4	73.4	0.0
S Rosemead Blvd between Del Mar Blvd & E California Blvd	East San Gabriel	7,185	2,270	720	81.5	81.6	0.0
S Rosemead Blvd between E California Blvd & Huntington Dr	East San Gabriel	6,460	2,045	645	81.1	81.1	0.0
S San Gabriel Blvd between Duarte Rd & Longden Ave	East San Gabriel	7,630	2,415	765	81.8	81.8	0.0
S San Gabriel Blvd between Huntington Dr & Lorain Rd	East San Gabriel	7,720	2,440	770	81.9	81.9	0.0
S San Gabriel Blvd between Lorain Rd & Duarte Rd	East San Gabriel	7,250	2,290	725	81.6	81.6	0.0
Temple City Blvd between Leroy St & E Camino Real Ave	East San Gabriel	2,635	835	265	77.2	77.2	0.1
Walnut Grove Ave between E Broadway & Grand Ave	East San Gabriel	1,780	565	180	75.5	75.5	0.0
E Colorado Blvd between Northrup Ave & Madre St	Kinneloa Mesa	1,220	385	120	73.9	73.9	0.0
E Sierra Madre Blvd between New York Dr & Riviera Dr	Kinneloa Mesa	695	220	70	71.4	71.4	0.0
Foothill Blvd between La Crescenta Ave & Raymond Ave	La Crescenta-Montrose	1,885	595	190	75.8	75.8	0.0
Foothill Blvd between Ramsdell Ave & La Crescenta Ave	La Crescenta-Montrose	2,455	775	245	76.9	76.9	0.0
Foothill Blvd between Raymond Ave & Rosemont Ave	La Crescenta-Montrose	515	165	50	70.1	70.1	0.0
Foothill Blvd between Rosemont Ave & Briggs Ave	La Crescenta-Montrose	3,325	1,050	335	78.2	78.2	0.0
La Crescenta Ave between Fierro Cir & Orange Ave	La Crescenta-Montrose	235	75	25	66.8	66.7	-0.1
La Crescenta Ave between Foothill Blvd & 210	La Crescenta-Montrose	1,775	560	175	75.5	75.5	0.0
La Crescenta Ave between Orange Ave & Foothill Blvd	La Crescenta-Montrose	120	40	10	64.0	63.9	-0.1
Montrose Ave between Ocean View Blvd & Glenda Ave	La Crescenta-Montrose	520	165	50	70.2	70.2	0.0
Montrose Ave between Orangedale Ave & Ocean View Blvd	La Crescenta-Montrose	160	50	15	65.0	65.1	0.0
Montrose Ave between Rosemont Ave & Florencita Dr W	La Crescenta-Montrose	325	105	35	68.1	68.1	0.0
Ocean View Blvd between 210 & Montrose Ave	La Crescenta-Montrose	1,655	525	165	75.2	75.2	0.0
Ocean View Blvd between Montrose Ave & Florencita Dr W	La Crescenta-Montrose	1,260	400	125	74.0	74.0	0.0
Orange Ave between Pennsylvania Ave & Ramsdell Ave	La Crescenta-Montrose	210	65	20	66.3	66.3	-0.1
Orange Ave between Ramsdell Ave & La Crescenta Ave	La Crescenta-Montrose	200	65	20	66.0	66.0	0.0

Roadway Segment	Community	Future Plus Project Distance (feet) to Centerline to			Future No Project Noise Levels	Future Plus Project Noise Levels	Increase
		60 dBA CNEL Contour	65 dBA CNEL Contour	70 dBA CNEL Contour	dBA CNEL at 30 Feet from Centerline		
Pennsylvania Ave between Foothill Blvd & 210	La Crescenta-Montrose	3,125	990	310	78.0	78.0	0.0
Rosemont Ave between Foothill Blvd & Montrose Ave	La Crescenta-Montrose	125	40	10	63.9	64.0	0.1
Santa Anita Ave between Freer Ave & Grand Ave	North El Monte	5,095	1,610	510	80.1	80.1	0.0
Santa Anita Ave between Kristi Ct & Freer Ave	North El Monte	5,095	1,610	510	80.1	80.1	0.0
Tyler Ave between Freer Ave & W Hondo Pkwy	North El Monte	290	90	30	67.5	67.6	0.1
Tyler Ave between Lynrose St & Freer Ave	North El Monte	330	105	35	68.1	68.2	0.1
W Hondo Pkwy between Santa Anita Ave & Tyler Ave	North El Monte	290	90	30	67.5	67.6	0.1
Sierra Madre Blvd between E Del Mar & San Pasqual St	San Pasqual	3,395	1,075	340	78.3	78.3	0.0
Sierra Madre Blvd between San Pasqual & E California Blvd	San Pasqual	4,480	1,415	450	79.4	79.5	0.1
E Camino Real between S Myrtle Ave & California Ave	South Monrovia Islands	75	25	5	61.7	61.6	0.0
S California Ave between E Camino Real St & Novice Ln	South Monrovia Islands	1,710	540	170	75.3	75.3	0.0
S California Ave between Hurstview Ave & E Camino Real St	South Monrovia Islands	1,135	360	115	73.6	73.6	0.0
S Myrtle Ave between E Altern St & E Camino Real St	South Monrovia Islands	5,060	1,600	505	80.0	80.1	0.0
S Myrtle Ave between E Camino Real St & Novice Ln	South Monrovia Islands	5,520	1,745	550	80.4	80.4	0.0
E Camino Real between Fairgreen Ave & S Myrtle Ave	South Monrovia Islands	355	115	35	68.5	68.5	0.0
E Live Oak Ave between 8th Ave & S 10th Ave	South Monrovia Islands	5,380	1,700	540	80.2	80.3	0.1
E Live Oak Ave between Mayflower Ave & Myrtle Ave	South Monrovia Islands	4,595	1,450	460	79.7	79.6	0.0
E Live Oak Ave between S 10th Ave & Mayflower Ave	South Monrovia Islands	6,025	1,905	600	80.7	80.8	0.1
E Longden Ave between Mayflower Ave & Peck Rd	South Monrovia Islands	955	300	95	72.8	72.8	0.0
S Mayflower Ave between E Longden Ave & Live Oak Ave	South Monrovia Islands	>5	>5	>5	46.8	46.0	-0.8
Del Mar Ave between Graves Ave & Potrero Grande Dr	South San Gabriel	2,615	825	260	77.2	77.2	0.0
E Graves Ave between Del Mar Ave & San Gabriel Blvd	South San Gabriel	130	40	15	64.0	64.2	0.2
E Graves Ave between New Ave & Del Mar Ave	South San Gabriel	995	315	100	73.0	73.0	0.0
Hill Dr between Potrero Grande Dr & San Gabriel Blvd	South San Gabriel	2,290	725	230	76.6	76.6	0.0
Paramount Blvd between Hill Dr & W Arroyo Dr	South San Gabriel	3,110	985	310	77.9	77.9	0.0
Potrero Grande Dr between Arroyo Dr & Hill Dr	South San Gabriel	4,640	1,465	465	79.7	79.7	0.0
Potrero Grande Dr between Hill Dr & San Gabriel Blvd	South San Gabriel	3,050	965	305	77.8	77.9	0.0
Rosemead Blvd between Rush St & I-60	South San Gabriel	8,710	2,755	870	82.4	82.4	0.0
San Gabriel Blvd between Delta St & Rose Glen Ave	South San Gabriel	5,900	1,865	590	80.7	80.7	0.0
San Gabriel Blvd between Paramount Blvd & Delta St	South San Gabriel	4,965	1,570	495	80.0	80.0	0.0
San Gabriel Blvd between Rush St & Hill Dr	South San Gabriel	4,485	1,420	450	79.5	79.5	0.0
Durfee Ave between Rosemead Blvd & Santa Anita Ave	Whittier Narrows	1,730	545	175	75.4	75.4	0.0
Durfee Ave between Santa Anita Ave & Peck Rd	Whittier Narrows	1,250	395	125	74.0	74.0	0.0
Peck Rd between Durfee Ave & Rooks Rd	Whittier Narrows	9,450	2,990	945	82.8	82.8	0.0
Rosemead Blvd between San Gabriel Blvd & Gallatin Rd	Whittier Narrows	10,190	3,220	1,020	83.1	83.1	0.0
Rosemead Blvd between San Gabriel Blvd & I-60	Whittier Narrows	5,255	1,660	525	80.2	80.2	0.0
San Gabriel Blvd between Lincoln Ave & Rosemead Rd	Whittier Narrows	6,665	2,110	665	81.2	81.2	0.0
San Gabriel Blvd between Motebello Town Center & Plaza Dr	Whittier Narrows	5,225	1,650	525	80.2	80.2	0.0
San Gabriel Blvd between Plaza Dr & Lincoln Ave	Whittier Narrows	6,540	2,070	655	81.2	81.2	0.0
Santa Anita Ave between I-60 & Durfee Ave	Whittier Narrows	1,520	480	150	74.8	74.8	0.0
Walnut Grove Ave between Rush St & Dryaer Ln	Whittier Narrows	1,730	545	175	75.4	75.4	0.0



TRAFFIC NOISE ANALYSIS TOOL

Project Name: WSGVAP
 Project Number:
 Analysis Scenario: 2045 NP
 Source of Traffic Volumes: Fehr and Peers, 2022

Roadway Segment	Ground Type	Distance from Roadway to Receiver (feet)	Speed (mph)			Peak Hour Volume			Peak Hour Noise Level (Leq(h) dBA)	CNEL Noise Level (dBA)	Distance (feet) to Noise Level (dBA CNEL)		
			Auto	MT	HT	Auto	MT	HT			60	65	70
			CANADA AVE BETWEEN W WOODBURY RD & W MONTANA ST	Hard	50	30	30	30			226	212	1
CASITAS AVE BETWEEN W ALTADENA DR & VENTURA ST	Hard	50	30	30	30	231	237	1	65.8	66.8	240	75	25
DEL MAR AVE BETWEEN GRAVES AVE & POTRERO GRANDE DR	Hard	50	30	30	30	2668	2564	13	76.2	77.2	2,620	830	260
DUARTE RD BETWEEN N MUSCATEL AVE & ROSEMEAD BLVD	Hard	50	30	30	30	546	672	4	70.3	71.3	675	215	65
DUARTE RD BETWEEN N VISTA ST & N MUSCATEL AVE	Hard	50	30	30	30	616	905	6	71.5	72.5	895	285	90
DUARTE RD BETWEEN ROSEMEAD BLVD & N OAK AVE	Hard	50	30	30	30	916	1387	7	73.4	74.4	1,365	430	135
DUARTE RD BETWEEN SAN GABRIEL BLVD & N VISTA ST	Hard	50	30	30	30	616	905	6	71.5	72.5	895	285	90
DURFEE AVE BETWEEN ROSEMEAD BLVD & SANTA ANITA AVE	Hard	50	30	30	30	1717	1707	5	74.4	75.4	1,730	545	175
DURFEE AVE BETWEEN SANTA ANITA AVE & PECK RD	Hard	50	30	30	30	1275	1231	5	73.0	74.0	1,255	395	125
E ALTADENA DR BETWEEN ALLEN AVE & CRESCENT DR	Hard	50	30	30	30	555	572	4	69.7	70.7	585	185	60
E ALTADENA DR BETWEEN FAIR OAKS AVE & N MARENGO AVE	Hard	50	30	30	30	542	633	3	70.0	71.0	635	200	65
E ALTADENA DR BETWEEN LAKE AVE & N HOLLISTON AVE	Hard	50	30	30	30	1203	1189	6	72.8	73.8	1,210	385	120
E ALTADENA DR BETWEEN N HOLLISTON AVE & ALLEN AVE	Hard	50	30	30	30	1203	1189	6	72.8	73.8	1,210	385	120
E BROADWAY BETWEEN N BURTON AVE & N MUSCATEL AVE	Hard	50	30	30	30	808	732	2	70.8	71.8	750	235	75
E BROADWAY BETWEEN N MUSCATEL AVE & ACACIA ST	Hard	50	30	30	30	3134	3284	15	77.2	78.2	3,325	1,050	335
E CALIFORNIA BLVD BETWEEN BRIGHTSIDE LN & MADRE ST	Hard	50	30	30	30	1093	1209	5	72.9	73.9	1,215	385	120
E CALIFORNIA BLVD BETWEEN MICHIGAN BLVD & WOODWARD BLVD	Hard	50	30	30	30	2165	2132	5	75.4	76.4	2,160	685	215
E CALIFORNIA BLVD BETWEEN S ROSEMEAD BLVD & MICHIGAN BLVD	Hard	50	30	30	30	2165	2132	5	75.4	76.4	2,160	685	215
E CALIFORNIA BLVD BETWEEN WOODWARD BLVD & S MICHILINDA AVE	Hard	50	30	30	30	2165	2132	5	75.4	76.4	2,160	685	215
E CAMINO REAL BETWEEN FAIRGREEN AVE & S MYRTLE AVE	Hard	50	30	30	30	333	352	1	67.5	68.5	355	110	35
E CAMINO REAL BETWEEN S MYRTLE AVE & CALIFORNIA AVE	Hard	50	30	30	30	78	70	1	60.7	61.7	75	25	5
E COLORADO BLVD BETWEEN LOTUS AVE & N ROSEMEAD BLVD	Hard	50	40	40	40	1832	1931	11	77.0	78.0	3,165	1,000	315
E COLORADO BLVD BETWEEN MADRE ST & LOTUS AVE	Hard	50	40	40	40	1832	1931	11	77.0	78.0	3,165	1,000	315
E COLORADO BLVD BETWEEN MERLON AVE & MICHILINDA AVE	Hard	50	40	40	40	2123	2247	11	77.7	78.7	3,675	1,160	370
E COLORADO BLVD BETWEEN N ROSEMEAD BLVD & MERLON AVE	Hard	50	40	40	40	1481	1456	5	75.8	76.8	2,400	760	240
E COLORADO BLVD BETWEEN NORTHRUP AVE & MADRE ST	Hard	50	40	40	40	742	743	2	72.9	73.9	1,220	385	120
E FOOTHILL BLVD BETWEEN N ROSEMEAD BLVD & QUIGLEY AVE	Hard	50	30	30	30	2499	2517	15	76.1	77.1	2,565	810	255
E FOOTHILL BLVD BETWEEN QUIGLEY AVE & S MICHILINDA AVE	Hard	50	30	30	30	2145	2185	8	75.5	76.5	2,215	700	220
E GRAVES AVE BETWEEN DEL MAR AVE & SAN GABRIEL BLVD	Hard	50	30	30	30	61	129	1	63.0	64.0	125	40	15
E GRAVES AVE BETWEEN NEW AVE & DEL MAR AVE	Hard	50	30	30	30	938	974	6	72.0	73.0	990	315	100
E LIVE OAK AVE BETWEEN 8TH AVE & S 10TH AVE	Hard	50	40	40	40	2917	3257	17	79.2	80.2	5,295	1,675	530
E LIVE OAK AVE BETWEEN MAYFLOWER AVE & MYRTLE AVE	Hard	50	40	40	40	3026	2776	16	78.7	79.7	4,640	1,465	465
E LIVE OAK AVE BETWEEN S 10TH AVE & MAYFLOWER AVE	Hard	50	40	40	40	3267	3643	20	79.7	80.7	5,925	1,875	595
E LONGDEN AVE BETWEEN MAYFLOWER AVE & PECK RD	Hard	50	30	30	30	967	940	3	71.8	72.8	955	300	95
E NEW YORK DR BETWEEN LAKE AVE & MAR VISTA AVE	Hard	50	40	40	40	1291	1327	5	75.4	76.4	2,175	690	215
E NEW YORK DR BETWEEN MAR VISTA AVE & N HOLLISTON AVE	Hard	50	40	40	40	1291	1327	5	75.4	76.4	2,175	690	215
E NEW YORK DR BETWEEN N HOLLISTON AVE & N HILL AVE	Hard	50	40	40	40	1307	1348	5	75.4	76.4	2,210	700	220
E SIERRA MADRE BLVD BETWEEN NEW YORK DR & RIVIERA DR	Hard	50	40	40	40	417	423	1	70.4	71.4	695	220	70
E WASHINGTON BLVD BETWEEN BELLFORD AVE & PEPPER DR	Hard	50	30	30	30	311	381	1	67.8	68.8	380	120	40
E WASHINGTON BLVD BETWEEN N ALTADENA DR & WOODLYN RD	Hard	50	30	30	30	219	269	1	66.3	67.3	270	85	25
E WASHINGTON BLVD BETWEEN PEPPER DR & N ALTADENA DR	Hard	50	30	30	30	311	381	1	67.8	68.8	380	120	40
E WOODBURY RD BETWEEN E ALTADENA DR & E CALAVERAS ST	Hard	50	40	40	40	1384	1469	6	75.8	76.8	2,400	760	240
E WOODBURY RD BETWEEN LOS ROBLES AVE & LAKE AVE	Hard	50	40	40	40	943	936	4	73.9	74.9	1,540	490	155
E WOODBURY RD BETWEEN N MARENGO AVE & SANTA ANITA AVE	Hard	50	40	40	40	1390	1410	6	75.7	76.7	2,315	735	230
E WOODBURY RD BETWEEN SANTA ANITA AVE & LOS ROBLES AVE	Hard	50	40	40	40	1390	1410	6	75.7	76.7	2,315	735	230
FOOTHILL BLVD BETWEEN LA CRESCENTA AVE & RAYMOND AVE	Hard	50	40	40	40	1135	1144	5	74.8	75.8	1,880	595	190
FOOTHILL BLVD BETWEEN RAMSDELL AVE & LA CRESCENTA AVE	Hard	50	40	40	40	1452	1488	7	75.9	76.9	2,445	775	245
FOOTHILL BLVD BETWEEN RAYMOND AVE & ROSEMONT AVE	Hard	50	40	40	40	299	314	1	69.1	70.1	510	160	50
FOOTHILL BLVD BETWEEN ROSEMONT AVE & BRIGGS AVE	Hard	50	40	40	40	1948	2022	7	77.2	78.2	3,305	1,045	330
HILL DR BETWEEN POTRERO GRANDE DR & SAN GABRIEL BLVD	Hard	50	30	30	30	2192	2246	12	75.6	76.6	2,285	720	230
HUNTINGTON DR BETWEEN N MUSCATEL AVE & S ROSEMEAD BLVD	Hard	50	40	40	40	2759	2785	12	78.6	79.6	4,580	1,450	460
HUNTINGTON DR BETWEEN S ROSEMEAD BLVD & S MICHILINDA AVE	Hard	50	40	40	40	2938	2919	14	78.8	79.8	4,815	1,520	480
HUNTINGTON DR BETWEEN SUNNY SLOPE DR & N MUSCATEL AVE	Hard	50	40	40	40	4882	5133	23	81.3	82.3	8,395	2,655	840
LA CRESCENTA AVE BETWEEN FIERRO CIR & ORANGE AVE	Hard	50	30	30	30	289	231	1	65.8	66.8	240	75	25
LA CRESCENTA AVE BETWEEN FOOTHILL BLVD & 210	Hard	50	30	30	30	1678	1714	19	74.5	75.5	1,765	560	175
LA CRESCENTA AVE BETWEEN ORANGE AVE & FOOTHILL BLVD	Hard	50	30	30	30	149	119	1	63.0	64.0	125	40	10
LINCOLN AVE BETWEEN W WOODBURY RD & VERMONT ST	Hard	50	30	30	30	1384	1391	12	73.6	74.6	1,425	450	145
LONGDEN AVE BETWEEN N MUSCATEL AVE & ROSEMEAD BLVD	Hard	50	30	30	30	691	668	3	70.3	71.3	680	215	70
LONGDEN AVE BETWEEN N WILLARD AVE & ROSEMEAD BLVD	Hard	50	30	30	30	807	822	3	71.2	72.2	835	265	85
LONGDEN AVE BETWEEN SAN GABRIEL BLVD & N WILLARD AVE	Hard	50	30	30	30	807	822	3	71.2	72.2	835	265	85
MADRE ST BETWEEN E GREEN ST & E DEL MAR BLVD	Hard	50	30	30	30	1404	1452	17	73.8	74.8	1,495	475	150
MADRE ST BETWEEN GRAYBURN RD & SAN PASQUAL ST	Hard	50	30	30	30	1351	1438	14	73.7	74.7	1,470	465	145
MADRE ST BETWEEN SAN PASQUAL ST & E CALIFORNIA BLVD	Hard	50	30	30	30	1405	1501	15	73.9	74.9	1,535	485	155
MONTROSE AVE BETWEEN GLENDA AVE & WALTONIA DR	Hard	50	30	30	30	499	511	2	69.2	70.2	520	165	50
MONTROSE AVE BETWEEN OCEAN VIEW BLVD & GLENDA AVE	Hard	50	30	30	30	499	511	2	69.2	70.2	520	165	50
MONTROSE AVE BETWEEN ORANGEDALE AVE & OCEAN VIEW BLVD	Hard	50	30	30	30	149	157	1	64.0	65.0	160	50	15
MONTROSE AVE BETWEEN ROSEMONT AVE & FLORENCIA DR W	Hard	50	30	30	30	303	319	2	67.1	68.1	325	100	30
N ALLEN AVE BETWEEN E ALTADENA DR & MENDOCINO LN	Hard	50	30	30	30	726	651	5	70.3	71.3	675	215	65
N ALLEN AVE BETWEEN MENDOCINO LN & MIDWICK DR	Hard	50	30	30	30	811	784	6	71.1	72.1	805	255	80
N ALLEN AVE BETWEEN MIDWICK DR & NEW YORK DR	Hard	50	30	30	30	655	577	4	69.8	70.8	595	190	60
N ALLEN AVE BETWEEN NEW YORK DR & E WASHINGTON BLVD	Hard	50	30	30	30	901	813	8	71.3	72.3	845	265	85
N ALLEN AVE BETWEEN NEW YORK DR & E WOODBURY RD	Hard	50	30	30	30	901	813	8	71.3	72.3	845	265	85
N ALTADENA DR BETWEEN CRESCENT DR & CANYON CLOSE RD	Hard	50	30	30	30	1139	1094	7	72.5	73.5	1,120	355	110
N ALTADENA DR BETWEEN E WASHINGTON BLVD & GALBRETH RD	Hard	50	30	30	30	909	780	4	71.1	72.1	805	255	80
N ALTADENA DR BETWEEN GLEN CANYON RD & NEW YORK DR	Hard	50	30	30	30	1296	1301	9	73.2	74.2	1,330	420	135
N ALTADENA DR BETWEEN NEW YORK DR & E WASHINGTON BLVD	Hard	50	30	30	30	467	436	3	68.5	69.5	450	140	45
N ARROYO BLVD BETWEEN WEIMAR AVE & 210	Hard	50	30	30	30	1058	1097	7	72.5	73.5	1,115	355	110
N FAIR OAKS AVE BETWEEN E ALTADENA DR & E CALAVERAS ST	Hard	50	30	30	30	829	716	6	70.7	71.7	745	235	75
N FAIR OAKS AVE BETWEEN VENTURA ST & FIGUEROA DR	Hard	50	30	30	30	453	422	3	68.4	69.4	435	135	45
N HILL AVE BETWEEN NEW YORK DR & E TOPEKA ST	Hard	50	30	30	30	212	225	1	65.6	66.6	225	70	25
N LAKE AVE BETWEEN E ALTADENA DR & E MARIPOSA ST	Hard	50	30	30	30	674	642	3	70.2	71.2	655	205	65
N LAKE AVE BETWEEN E ALTADENA DR & FONTANET WAY	Hard	50	30	30	30	746	704	3	70.6	71.6	720	230	70
N LAKE AVE BETWEEN E CALAVERAS ST & NEW YORK DR	Hard	50	30	30	30	525	483	2	69.0	70.0</			

Roadway Segment	Ground Type	Distance from Roadway to Receiver (feet)			Speed (mph)			Peak Hour Volume			Peak Hour Noise Level (Leq(h) dBA)	CNEL Noise Level (dBA)	Distance (feet) to Noise Level (dBA CNEL)		
		50	40	30	Auto	MT	HT	Auto	MT	HT			60	65	70
N ROSEMEAD BLVD BETWEEN E FOOTHILL BLVD & ARBOLEDA ST	Hard	50	40	40	40	1908	1942	25	77.1	78.1	3,240	1,025	325		
N WALNUT GROVE AVE BETWEEN SOUTHWIND CT & E BROADWAY	Hard	50	30	30	30	886	952	10	71.9	72.9	975	310	95		
N WINDSOR AVE BETWEEN W KENT ST & W WOODBURY RD	Hard	50	30	30	30	178	181	1	64.7	65.7	185	60	20		
N WINDSOR AVE BETWEEN VENTURA ST & FIGUEROA DR	Hard	50	30	30	30	178	181	1	64.7	65.7	185	60	20		
N WINDSOR AVE BETWEEN W WOODBURY RD & WIEMAR AVE	Hard	50	30	30	30	807	849	7	71.4	72.4	865	275	85		
N YUCCA LN BETWEEN N ARROYO BLVD & WIEMAR AVE	Hard	50	30	30	30	254	245	2	66.0	67.0	250	80	25		
NEW YORK DR BETWEEN ALLEN AVE & PEPPER DR	Hard	50	40	40	40	1330	1347	6	75.5	76.5	2,215	700	220		
NEW YORK DR BETWEEN N ALTADENA DR & EATON CANYON DR	Hard	50	40	40	40	2159	2213	13	77.6	78.6	3,640	1,150	365		
NEW YORK DR BETWEEN N HILL AVE & SINALOA AVE	Hard	50	40	40	40	739	727	2	72.8	73.8	1,195	380	120		
NEW YORK DR BETWEEN PEPPER DR & N ALTADENA DR	Hard	50	40	40	40	1330	1347	6	75.5	76.5	2,215	700	220		
NEW YORK DR BETWEEN SINALOA AVE & ALLEN AVE	Hard	50	40	40	40	769	755	2	73.0	74.0	1,240	395	125		
OCEAN VIEW BLVD BETWEEN 210 & MONTROSE AVE	Hard	50	30	30	30	1614	1622	8	74.2	75.2	1,650	520	165		
OCEAN VIEW BLVD BETWEEN MONTROSE AVE & FLORENCITA DR W	Hard	50	30	30	30	1240	1239	6	73.0	74.0	1,260	400	125		
ORANGE AVE BETWEEN PENNSYLVANIA AVE & RAMSDRELL AVE	Hard	50	30	30	30	243	206	2	65.3	66.3	215	70	20		
ORANGE AVE BETWEEN RAMSDRELL AVE & LA CRESCENTA AVE	Hard	50	30	30	30	203	197	1	65.0	66.0	200	65	20		
PARAMOUNT BLVD BETWEEN HILL DR & W ARROYO DR	Hard	50	40	40	40	1863	1871	15	76.9	77.9	3,100	980	310		
PECK RD BETWEEN DURFEE AVE & ROOKS RD	Hard	50	40	40	40	5817	5699	38	81.8	82.8	9,450	2,990	945		
PENNSYLVANIA AVE BETWEEN FOOTHILL BLVD & 210	Hard	50	40	40	40	1953	1893	9	77.0	78.0	3,135	990	315		
POTRERO GRANDE DR BETWEEN ARROYO DR & HILL DR	Hard	50	40	40	40	2808	2806	16	78.7	79.7	4,630	1,465	465		
POTRERO GRANDE DR BETWEEN HILL DR & SAN GABRIEL BLVD	Hard	50	40	40	40	1772	1843	11	76.8	77.8	3,030	955	305		
ROSEMEAD BLVD BETWEEN DUARTE RD & CALLITA ST	Hard	50	40	40	40	3034	3185	24	79.2	80.2	5,240	1,655	525		
ROSEMEAD BLVD BETWEEN RUSH ST & I-60	Hard	50	40	40	40	5300	5205	55	81.4	82.4	8,690	2,750	870		
ROSEMEAD BLVD BETWEEN SAN GABRIEL BLVD & GALLATIN RD	Hard	50	40	40	40	6219	6189	22	82.1	83.1	10,180	3,220	1,020		
ROSEMEAD BLVD BETWEEN SAN GABRIEL BLVD & I-60	Hard	50	40	40	40	3188	3168	22	79.2	80.2	5,245	1,660	525		
ROSEMONT AVE BETWEEN FOOTHILL BLVD & MONTROSE AVE	Hard	50	30	30	30	106	121	1	62.9	63.9	125	40	10		
S CALIFORNIA AVE BETWEEN E CAMINO REAL ST & NOVICE LN	Hard	50	30	30	30	1666	1674	10	74.3	75.3	1,705	540	170		
S CALIFORNIA AVE BETWEEN HURSTVIEW AVE & E CAMINO REAL ST	Hard	50	30	30	30	1099	1107	9	72.6	73.6	1,135	360	115		
S MAYFLOWER AVE BETWEEN E LONGDEN AVE & LIVE OAK AVE	Hard	50	30	30	30	6	2	0	45.8	46.8	>5	>5	>5		
S MICHILLINDA AVE BETWEEN E CALIFORNIA BLVD & HUNTINGTON DR	Hard	50	30	30	30	49	157	1	63.8	64.8	150	45	15		
S MICHILLINDA AVE BETWEEN HUGO REID DR & E CALIFORNIA BLVD	Hard	50	30	30	30	1076	1082	5	72.4	73.4	1,100	350	110		
S MICHILLINDA AVE BETWEEN VOLANTE DR & HUGO REID DR	Hard	50	30	30	30	1076	1082	5	72.4	73.4	1,100	350	110		
S MYRTLE AVE BETWEEN E ALTERN ST & CAMINO REAL ST	Hard	50	40	40	40	3109	3034	27	79.0	80.0	5,055	1,600	505		
S MYRTLE AVE BETWEEN E CAMINO REAL ST & NOVICE LN	Hard	50	40	40	40	3365	3316	27	79.4	80.4	5,510	1,740	550		
S ROSEMEAD BLVD BETWEEN DEL MAR BLVD & E CALIFORNIA BLVD	Hard	50	40	40	40	4101	4332	30	80.5	81.5	7,115	2,250	710		
S ROSEMEAD BLVD BETWEEN DEL MAR BLVD & E CALIFORNIA BLVD	Hard	50	40	40	40	3979	3755	27	80.0	81.0	6,265	1,980	625		
S ROSEMEAD BLVD BETWEEN E CALIFORNIA BLVD & HUNTINGTON DR	Hard	50	40	40	40	3730	3881	33	80.1	81.1	6,405	2,025	640		
S ROSEMEAD BLVD BETWEEN E COLORADO BLVD & DEL MAR BLVD	Hard	50	40	40	40	4064	4164	36	80.4	81.4	6,890	2,180	690		
S SAN GABRIEL BLVD BETWEEN DUARTE RD & LONGDEN AVE	Hard	50	40	40	40	4420	4608	29	80.8	81.8	7,570	2,395	755		
S SAN GABRIEL BLVD BETWEEN E CALIFORNIA BLVD & HUNTINGTON DR	Hard	50	40	40	40	3430	3414	20	79.5	80.5	5,640	1,785	565		
S SAN GABRIEL BLVD BETWEEN HUNTINGTON DR & LORAIN RD	Hard	50	40	40	40	4740	4671	25	80.9	81.9	7,720	2,440	770		
S SAN GABRIEL BLVD BETWEEN LORAIN RD & DUARTE RD	Hard	50	40	40	40	4497	4382	25	80.6	81.6	7,260	2,295	725		
SAN GABRIEL BLVD BETWEEN DELTA ST & ROSE GLEN AVE	Hard	50	40	40	40	3562	3572	18	79.7	80.7	5,885	1,860	590		
SAN GABRIEL BLVD BETWEEN LINCOLN AVE & ROSEMEAD RD	Hard	50	40	40	40	4044	4045	16	80.2	81.2	6,655	2,105	665		
SAN GABRIEL BLVD BETWEEN MOTEBELLO TOWN CENTER & PLAZA DR	Hard	50	40	40	40	3152	3167	14	79.2	80.2	5,210	1,650	520		
SAN GABRIEL BLVD BETWEEN PARAMOUNT BLVD & DELTA ST	Hard	50	40	40	40	3070	3010	13	79.0	80.0	4,970	1,570	495		
SAN GABRIEL BLVD BETWEEN PLAZA DR & LINCOLN AVE	Hard	50	40	40	40	3942	3960	19	80.2	81.2	6,520	2,060	650		
SAN GABRIEL BLVD BETWEEN RUSH ST & HILL DR	Hard	50	40	40	40	2810	2711	16	78.5	79.5	4,500	1,425	450		
SANTA ANITA AVE BETWEEN FREER AVE & GRAND AVE	Hard	50	40	40	40	3175	3095	11	79.1	80.1	5,105	1,615	510		
SANTA ANITA AVE BETWEEN I-60 & DURFEE AVE	Hard	50	30	30	30	1525	1470	15	73.8	74.8	1,520	480	150		
SANTA ANITA AVE BETWEEN KRISTI CT & FREER AVE	Hard	50	40	40	40	3175	3095	11	79.1	80.1	5,105	1,615	510		
SIERRA MADRE BLVD BETWEEN E DEL MAR & SAN PASQUAL ST	Hard	50	40	40	40	2124	2049	13	77.3	78.3	3,405	1,075	340		
SIERRA MADRE BLVD BETWEEN SAN PASQUAL & E CALIFORNIA BLVD	Hard	50	40	40	40	2400	2709	15	78.4	79.4	4,400	1,390	440		
TEMPLE CITY BLVD BETWEEN LEROY ST & E CAMINO REAL AVE	Hard	50	30	30	30	2300	2581	15	76.2	77.2	2,605	825	260		
TYLER AVE BETWEEN FREER AVE & W HONDO PKWY	Hard	50	30	30	30	229	284	1	66.5	67.5	285	90	30		
TYLER AVE BETWEEN LYNROSE ST & FREER AVE	Hard	50	30	30	30	256	324	1	67.1	68.1	320	100	30		
W ALTADENA DR BETWEEN CASITAS AVE & LINCOLN AVE	Hard	50	30	30	30	231	237	1	65.8	66.8	240	75	25		
W HONDO PKWY BETWEEN SANTA ANITA AVE & TYLER AVE	Hard	50	30	30	30	229	284	1	66.5	67.5	285	90	30		
W WOODBURY RD BETWEEN CANADA AVE & CASITAS AVE	Hard	50	40	40	40	1802	1869	8	76.9	77.9	3,060	970	305		
W WOODBURY RD BETWEEN CASITAS AVE & LINCOLN AVE	Hard	50	40	40	40	1802	1869	8	76.9	77.9	3,060	970	305		
W WOODBURY RD BETWEEN GLENROSE AVE & FAIR OAKS AVE	Hard	50	40	40	40	1322	1343	8	75.5	76.5	2,215	700	220		
W WOODBURY RD BETWEEN LINCOLN AVE & GLENROSE AVE	Hard	50	40	40	40	1541	1541	10	76.1	77.1	2,545	805	255		
W WOODBURY RD BETWEEN N WINDSOR AVE & CANADA AVE	Hard	50	40	40	40	2026	2080	9	77.3	78.3	3,410	1,080	340		
WALNUT GROVE AVE BETWEEN E BROADWAY & GRAND AVE	Hard	50	30	30	30	1739	1725	17	74.5	75.5	1,775	560	180		
WALNUT GROVE AVE BETWEEN RUSH ST & DRYAER LN	Hard	50	30	30	30	1785	1671	19	74.4	75.4	1,735	550	175		
WIEMAR AVE BETWEEN N YUCCA LN & N WINDSOR AVE	Hard	50	30	30	30	388	374	2	67.8	68.8	380	120	40		

For hard ground, the propagation rate is 3 dB per doubling the distance.
For soft ground, the propagation rate is 4.5 dB per doubling the distance.
Roadway speeds were determined by either a "Minor Arterial" or "Principal Arterial" with a mph of 30 or 40, respectively.



TRAFFIC NOISE ANALYSIS TOOL

Project Name: WSGVAP
Project Number:
Analysis Scenario: 2045 with Project
Source of Traffic Volumes: Fehr and Peers, 2022

Table with columns: Roadway Segment, Ground Type, Distance from Roadway to Receiver (feet), Speed (mph) (Auto, MT, HT), Peak Hour Volume (Auto, MT, HT), Peak Hour Noise Level (Leq(h) dBA), CNEL Noise Level (dBA), Distance (feet) to Noise Level (dBA CNEL) (60, 65, 70). Rows list various roadway segments like Canada Ave, Casitas Ave, etc.

Roadway Segment	Ground Type	Distance from Roadway to Receiver (feet)	Speed (mph)			Peak Hour Volume			Peak Hour Noise Level (Leq(h) dBA)	CNEL Noise Level (dBA)	Distance (feet) to Noise Level (dBA CNEL)		
			Auto	MT	HT	Auto	MT	HT			60	65	70
N Windsor Ave between W Kent St & W Woodbury Rd	Hard	50	30	30	30	184	181	1	64.7	65.7	185	60	20
N Windsor Ave between Ventura St & Figueroa Dr	Hard	50	30	30	30	184	181	1	64.7	65.7	185	60	20
N Windsor Ave between W Woodbury Rd & Wiemar Ave	Hard	50	30	30	30	870	849	7	71.4	72.4	875	275	85
N Yucca Ln between N Arroyo Blvd & Weimar Ave	Hard	50	30	30	30	251	245	2	66.0	67.0	250	80	25
New York Dr between Allen Ave & Pepper Dr	Hard	50	40	40	40	1363	1347	6	75.5	76.5	2,220	705	220
New York Dr between N Altadena Dr & Eaton Canyon Dr	Hard	50	40	40	40	2249	2213	13	77.6	78.6	3,660	1,160	365
New York Dr between N Hill Ave & Sinaloa Ave	Hard	50	40	40	40	732	727	2	72.8	73.8	1,195	380	120
New York Dr between Pepper Dr & N Altadena Dr	Hard	50	40	40	40	1363	1347	6	75.5	76.5	2,220	705	220
New York Dr between Sinaloa Ave & Allen Ave	Hard	50	40	40	40	760	755	2	72.9	73.9	1,240	390	125
Ocean View Blvd between 210 & Montrose Ave	Hard	50	30	30	30	1645	1622	8	74.2	75.2	1,655	525	165
Ocean View Blvd between Montrose Ave & Florencita Dr W	Hard	50	30	30	30	1256	1239	6	73.0	74.0	1,260	400	125
Orange Ave between Pennsylvania Ave & Ramsdell Ave	Hard	50	30	30	30	209	206	2	65.3	66.3	210	65	20
Orange Ave between Ramsdell Ave & La Crescenta Ave	Hard	50	30	30	30	200	197	1	65.0	66.0	200	65	20
Paramount Blvd between Hill Dr & W Arroyo Dr	Hard	50	40	40	40	1910	1871	15	76.9	77.9	3,110	985	310
Peck Rd between Durfee Ave & Rooks Rd	Hard	50	40	40	40	5823	5699	38	81.8	82.8	9,450	2,990	945
Pennsylvania Ave between Foothill Blvd & 210	Hard	50	40	40	40	1919	1893	9	77.0	78.0	3,125	990	310
Potrero Grande Dr between Arroyo Dr & Hill Dr	Hard	50	40	40	40	2844	2806	16	78.7	79.7	4,640	1,465	465
Potrero Grande Dr between Hill Dr & San Gabriel Blvd	Hard	50	40	40	40	1869	1843	11	76.9	77.9	3,050	965	305
Rosemead Blvd between Duarte Rd & Calita St	Hard	50	40	40	40	3261	3185	24	79.2	80.2	5,290	1,675	530
Rosemead Blvd between Rush St & I-60	Hard	50	40	40	40	5381	5205	55	81.4	82.4	8,710	2,755	870
Rosemead Blvd between San Gabriel Blvd & Gallatin Rd	Hard	50	40	40	40	6254	6189	22	82.1	83.1	10,190	3,220	1,020
Rosemead Blvd between San Gabriel Blvd & I-60	Hard	50	40	40	40	3228	3168	22	79.2	80.2	5,255	1,660	525
Rosemont Ave between Foothill Blvd & Montrose Ave	Hard	50	30	30	30	123	121	1	63.0	64.0	125	40	10
S California Ave between E Camino Real St & Novice Ln	Hard	50	30	30	30	1692	1674	10	74.3	75.3	1,710	540	170
S California Ave between Hurstview Ave & E Camino Real St	Hard	50	30	30	30	1122	1107	9	72.6	73.6	1,135	360	115
S Mayflower Ave between E Longden Ave & Live Oak Ave	Hard	50	30	30	30	2	2	0	45.0	46.0	>5	>5	>5
S Michillinda Ave between E California Blvd & Huntington Dr	Hard	50	30	30	30	161	157	1	64.1	65.1	160	50	15
S Michillinda Ave between Hugo Reid Dr & E California Blvd	Hard	50	30	30	30	1097	1082	5	72.4	73.4	1,100	350	110
S Michillinda Ave between Volante Dr & Hugo Reid Dr	Hard	50	30	30	30	1097	1082	5	72.4	73.4	1,100	350	110
S Myrtle Ave between E Altern St & E Camino Real St	Hard	50	40	40	40	3132	3034	27	79.1	80.1	5,060	1,600	505
S Myrtle Ave between E Camino Real St & Novice Ln	Hard	50	40	40	40	3414	3316	27	79.4	80.4	5,520	1,745	550
S Rosemead Blvd between Del Mar Blvd & E California Blvd	Hard	50	40	40	40	4413	4332	30	80.6	81.6	7,185	2,270	720
S Rosemead Blvd between Del Mar Blvd & E California Blvd	Hard	50	40	40	40	3834	3755	27	80.0	81.0	6,235	1,970	625
S Rosemead Blvd between E California Blvd & Huntington Dr	Hard	50	40	40	40	3972	3881	33	80.1	81.1	6,460	2,045	645
S Rosemead Blvd between E Colorado Blvd & Del Mar Blvd	Hard	50	40	40	40	4266	4164	36	80.4	81.4	6,935	2,195	695
S San Gabriel Blvd between Duarte Rd & Longden Ave	Hard	50	40	40	40	4688	4608	29	80.8	81.8	7,630	2,415	765
S San Gabriel Blvd between E California Blvd & Huntington Dr	Hard	50	40	40	40	3469	3414	20	79.5	80.5	5,650	1,785	565
S San Gabriel Blvd between Huntington Dr & Lorain Rd	Hard	50	40	40	40	4741	4671	25	80.9	81.9	7,720	2,440	770
S San Gabriel Blvd between Lorain Rd & Duarte Rd	Hard	50	40	40	40	4452	4382	25	80.6	81.6	7,250	2,290	725
San Gabriel Blvd between Delta St & Rose Glen Ave	Hard	50	40	40	40	3629	3572	18	79.7	80.7	5,900	1,865	590
San Gabriel Blvd between Lincoln Ave & Rosemead Rd	Hard	50	40	40	40	4091	4045	16	80.2	81.2	6,665	2,110	665
San Gabriel Blvd between Motebello Town Center & Plaza Dr	Hard	50	40	40	40	3212	3167	14	79.2	80.2	5,225	1,650	525
San Gabriel Blvd between Paramount Blvd & Delta St	Hard	50	40	40	40	3053	3010	13	79.0	80.0	4,965	1,570	495
San Gabriel Blvd between Plaza Dr & Lincoln Ave	Hard	50	40	40	40	4017	3960	19	80.2	81.2	6,540	2,070	655
San Gabriel Blvd between Rush St & Hill Dr	Hard	50	40	40	40	2759	2711	16	78.5	79.5	4,485	1,420	450
Santa Anita Ave between Freer Ave & Grand Ave	Hard	50	40	40	40	3126	3095	11	79.1	80.1	5,095	1,610	510
Santa Anita Ave between I-60 & Durfee Ave	Hard	50	30	30	30	1513	1470	15	73.8	74.8	1,520	480	150
Santa Anita Ave between Kristi Ct & Freer Ave	Hard	50	40	40	40	3126	3095	11	79.1	80.1	5,095	1,610	510
Sierra Madre Blvd between E Del Mar & San Pasqual St	Hard	50	40	40	40	2080	2049	13	77.3	78.3	3,395	1,075	340
Sierra Madre Blvd between San Pasqual & E California Blvd	Hard	50	40	40	40	2745	2709	15	78.5	79.5	4,480	1,415	450
Temple City Blvd between Leroy St & E Camino Real Ave	Hard	50	30	30	30	2622	2581	15	76.2	77.2	2,635	835	265
Tyler Ave between Freer Ave & W Hondo Pkwy	Hard	50	30	30	30	286	284	1	66.6	67.6	290	90	30
Tyler Ave between Lynrose St & Freer Ave	Hard	50	30	30	30	326	324	1	67.2	68.2	330	105	35
W Altadena Dr between Casitas Ave & Lincoln Ave	Hard	50	30	30	30	240	237	1	65.8	66.8	240	75	25
W Hondo Pkwy between Santa Anita Ave & Tyler Ave	Hard	50	30	30	30	286	284	1	66.6	67.6	290	90	30
W Woodbury Rd between Canada Ave & Casitas Ave	Hard	50	40	40	40	1891	1869	8	76.9	77.9	3,080	975	310
W Woodbury Rd between Casitas Ave & Lincoln Ave	Hard	50	40	40	40	1891	1869	8	76.9	77.9	3,080	975	310
W Woodbury Rd between Glenrose Ave & Fair Oaks Ave	Hard	50	40	40	40	1365	1343	8	75.5	76.5	2,225	705	220
W Woodbury Rd between Lincoln Ave & Glenrose Ave	Hard	50	40	40	40	1569	1541	10	76.1	77.1	2,555	810	255
W Woodbury Rd between N Windsor Ave & Canada Ave	Hard	50	40	40	40	2105	2080	9	77.4	78.4	3,430	1,085	345
Walnut Grove Ave between E Broadway & Grand Ave	Hard	50	30	30	30	1774	1725	17	74.5	75.5	1,780	565	180
Walnut Grove Ave between Rush St & Dryer Ln	Hard	50	30	30	30	1733	1671	19	74.4	75.4	1,730	545	175
Weimar Ave between N Yucca Ln & N Windsor Ave	Hard	50	30	30	30	380	374	2	67.8	68.8	380	120	40

For hard ground, the propagation rate is 3 dB per doubling the distance.
For soft ground, the propagation rate is 4.5 dB per doubling the distance.
Roadway speeds were determined by either a "Minor Arterial" or "Principal Arterial" with a mph of 30 or 40, respectively.

H2. Noise Measurements

Summary

File Name on Meter R1
 File Name on PC LxT_0004161-20240328 095116-LxT_Data.005.lbin
 Serial Number 0004161
 Model SoundTrack LxT®
 Firmware Version 2.404
 User
 Location
 Job Description
 Note

Measurement

Description
 Start 2024-03-28 09:51:16
 Stop 2024-03-28 10:06:16
 Duration 00:15:00.0
 Run Time 00:15:00.0
 Pause 00:00:00.0
 Pre-Calibration 2024-03-28 07:57:42
 Post-Calibration None
 Calibration Deviation ---

Overall Settings

RMS Weight A Weighting
 Peak Weight A Weighting
 Detector Slow
 Preamplifier PRMLxT1
 Microphone Correction Off
 Integration Method Exponential
 Overload 144.6 dB
 Under Range Peak 100.5 A 97.5 C 102.5 Z dB
 Under Range Limit 37.7 37.3 44.4 dB
 Noise Floor 28.6 28.2 35.3 dB
 Instrument Identification First Second Third
 626 Wilshire Blvd., Ste. 1100 Los Angeles, CA 90017

Results

LASeq 68.5 dB
 LASeq 98.0 dB
 EAS 707.946 µPa²h
 EAS8 22.654 mPa²h
 EAS40 113.271 mPa²h
 LApeak (max) 2024-03-28 09:52:39 102.7 dB
 LASmax 2024-03-28 09:52:39 87.1 dB
 LASmin 2024-03-28 09:56:08 50.5 dB
 SEA -99.9 dB

	Exceedance Counts	Duration
LAS > 85.0 dB	1	2.6 s
LAS > 115.0 dB	0	0.0 s
LApeak > 135.0 dB	0	0.0 s
LApeak > 137.0 dB	0	0.0 s
LApeak > 140.0 dB	0	0.0 s

LCSeq 75.3 dB
 LASeq 68.5 dB
 LCSeq - LASeq 6.8 dB
 LAleq 70.0 dB
 LAeq 68.5 dB
 LAleq - LAeq 1.5 dB

	A		C		Z	
	dB	Time Stamp	dB	Time Stamp	dB	Time Stamp
Leq	68.5					
LS(max)	87.1	2024/03/28 9:52:39				
LS(min)	50.5	2024/03/28 9:56:08				
LPeak(max)	102.7	2024/03/28 9:52:39				

Summary

File Name on Meter R2
 File Name on PC LxT_0004161-20240328 083434-LxT_Data.002.lbin
 Serial Number 0004161
 Model SoundTrack LxT®
 Firmware Version 2.404
 User
 Location
 Job Description
 Note

Measurement

Description
 Start 2024-03-28 08:34:34
 Stop 2024-03-28 08:49:34
 Duration 00:15:00.0
 Run Time 00:15:00.0
 Pause 00:00:00.0
 Pre-Calibration 2024-03-28 07:57:42
 Post-Calibration None
 Calibration Deviation ---

Overall Settings

RMS Weight A Weighting
 Peak Weight A Weighting
 Detector Slow
 Preamplifier PRMLxT1
 Microphone Correction Off
 Integration Method Exponential
 Overload 144.6 dB
 Under Range Peak 100.5 A 97.5 C 102.5 Z dB
 Under Range Limit 37.7 37.3 44.4 dB
 Noise Floor 28.6 28.2 35.3 dB

Instrument Identification
 First 626 Wilshire Blvd., Ste. 1100
 Second
 Third Los Angeles, CA 90017

Results

LASeq 71.9 dB
 LA SE 101.4 dB
 EAS 1.549 mPa²h
 EAS8 49.562 mPa²h
 EAS40 247.811 mPa²h
 LApeak (max) 2024-03-28 08:44:45 103.8 dB
 LASmax 2024-03-28 08:44:45 89.8 dB
 LASmin 2024-03-28 08:40:07 48.6 dB
 SEA -99.9 dB

	Exceedance Counts	Duration
LAS > 85.0 dB	1	2.6 s
LAS > 115.0 dB	0	0.0 s
LApeak > 135.0 dB	0	0.0 s
LApeak > 137.0 dB	0	0.0 s
LApeak > 140.0 dB	0	0.0 s

LCSeq 78.1 dB
 LASeq 71.9 dB
 LCSeq - LASeq 6.2 dB
 LAleq 73.6 dB
 LAeq 71.9 dB
 LAleq - LAeq 1.7 dB

	A		C		Z	
	dB	Time Stamp	dB	Time Stamp	dB	Time Stamp
Leq	71.9					
LS(max)	89.8	2024/03/28 8:44:45				
LS(min)	48.6	2024/03/28 8:40:07				
LPeak(max)	103.8	2024/03/28 8:44:45				

Summary

File Name on Meter R3
 File Name on PC LxT_0004161-20240328 090036-LxT_Data.003.lbin
 Serial Number 0004161
 Model SoundTrack LxT®
 Firmware Version 2.404
 User
 Location
 Job Description
 Note

Measurement

Description
 Start 2024-03-28 09:00:36
 Stop 2024-03-28 09:15:36
 Duration 00:15:00.0
 Run Time 00:15:00.0
 Pause 00:00:00.0
 Pre-Calibration 2024-03-28 07:57:42
 Post-Calibration None
 Calibration Deviation ---

Overall Settings

RMS Weight A Weighting
 Peak Weight A Weighting
 Detector Slow
 Preamplifier PRMLxT1
 Microphone Correction Off
 Integration Method Exponential
 Overload 144.6 dB
 Under Range Peak 100.5 A 97.5 C 102.5 Z dB
 Under Range Limit 37.7 37.3 44.4 dB
 Noise Floor 28.6 28.2 35.3 dB
 Instrument Identification First Second Third
 626 Wilshire Blvd., Ste. 1100 Los Angeles, CA 90017

Results

LASeq 66.0 dB
 LASeq 95.5 dB
 EAS 398.107 µPa²h
 EAS8 12.739 mPa²h
 EAS40 63.697 mPa²h
 LApeak (max) 2024-03-28 09:05:00 98.1 dB
 LASmax 2024-03-28 09:15:22 77.8 dB
 LASmin 2024-03-28 09:10:04 55.7 dB
 SEA -99.9 dB

	Exceedance Counts	Duration
LAS > 85.0 dB	0	0.0 s
LAS > 115.0 dB	0	0.0 s
LApeak > 135.0 dB	0	0.0 s
LApeak > 137.0 dB	0	0.0 s
LApeak > 140.0 dB	0	0.0 s

LCSeq 73.0 dB
 LASeq 66.0 dB
 LCSeq - LASeq 7.0 dB
 LAleq 68.0 dB
 LAeq 66.0 dB
 LAleq - LAeq 2.0 dB

	A		C		Z	
	dB	Time Stamp	dB	Time Stamp	dB	Time Stamp
Leq	66.0					
LS(max)	77.8	2024/03/28 9:15:22				
LS(min)	55.7	2024/03/28 9:10:04				
LPeak(max)	98.1	2024/03/28 9:05:00				

Summary

File Name on Meter R4
 File Name on PC LxT_0004161-20240328 092813-LxT_Data.004.lbin
 Serial Number 0004161
 Model SoundTrack LxT®
 Firmware Version 2.404
 User
 Location
 Job Description
 Note

Measurement

Description
 Start 2024-03-28 09:28:13
 Stop 2024-03-28 09:43:13
 Duration 00:15:00.0
 Run Time 00:15:00.0
 Pause 00:00:00.0
 Pre-Calibration 2024-03-28 07:57:42
 Post-Calibration None
 Calibration Deviation ---

Overall Settings

RMS Weight A Weighting
 Peak Weight A Weighting
 Detector Slow
 Preamplifier PRMLxT1
 Microphone Correction Off
 Integration Method Exponential
 Overload 144.6 dB
 Under Range Peak 100.5 A 97.5 C 102.5 Z dB
 Under Range Limit 37.7 37.3 44.4 dB
 Noise Floor 28.6 28.2 35.3 dB

Instrument Identification
 First 626 Wilshire Blvd., Ste. 1100
 Second
 Third Los Angeles, CA 90017

Results

LASeq 69.4 dB
 LASeq 98.9 dB
 EAS 870.964 µPa²h
 EAS8 27.871 mPa²h
 EAS40 139.354 mPa²h
 LApeak (max) 2024-03-28 09:40:25 93.6 dB
 LASmax 2024-03-28 09:34:20 78.4 dB
 LASmin 2024-03-28 09:32:10 46.9 dB
 SEA -99.9 dB

	Exceedance Counts	Duration
LAS > 85.0 dB	0	0.0 s
LAS > 115.0 dB	0	0.0 s
LApeak > 135.0 dB	0	0.0 s
LApeak > 137.0 dB	0	0.0 s
LApeak > 140.0 dB	0	0.0 s

LCSeq 73.3 dB
 LASeq 69.4 dB
 LCSeq - LASeq 3.9 dB
 LAleq 70.9 dB
 LAeq 69.4 dB
 LAleq - LAeq 1.5 dB

	A		C		Z	
	dB	Time Stamp	dB	Time Stamp	dB	Time Stamp
Leq	69.4					
LS(max)	78.4	2024/03/28 9:34:20				
LS(min)	46.9	2024/03/28 9:32:10				
LPeak(max)	93.6	2024/03/28 9:40:25				

Summary

File Name on Meter R5
 File Name on PC LxT_0004161-20240328 080038-LxT_Data.001.lbin
 Serial Number 0004161
 Model SoundTrack LxT®
 Firmware Version 2.404
 User
 Location
 Job Description
 Note

Measurement

Description
 Start 2024-03-28 08:00:38
 Stop 2024-03-28 08:15:38
 Duration 00:15:00.0
 Run Time 00:15:00.0
 Pause 00:00:00.0
 Pre-Calibration 2024-03-28 07:57:43
 Post-Calibration None
 Calibration Deviation ---

Overall Settings

RMS Weight A Weighting
 Peak Weight A Weighting
 Detector Slow
 Preamplifier PRMLxT1
 Microphone Correction Off
 Integration Method Exponential
 Overload 144.6 dB
 Under Range Peak 100.5 A 97.5 C 102.5 Z dB
 Under Range Limit 37.7 37.3 44.4 dB
 Noise Floor 28.6 28.2 35.3 dB

Instrument Identification
 First 626 Wilshire Blvd., Ste. 1100
 Second
 Third Los Angeles, CA 90017

Results

LASeq 66.9 dB
 LASeq 96.4 dB
 EAS 489.779 µPa²h
 EAS8 15.673 mPa²h
 EAS40 78.365 mPa²h
 LApeak (max) 2024-03-28 08:01:44 95.3 dB
 LASmax 2024-03-28 08:01:45 83.3 dB
 LASmin 2024-03-28 08:08:09 54.9 dB
 SEA -99.9 dB

	Exceedance Counts	Duration
LAS > 85.0 dB	0	0.0 s
LAS > 115.0 dB	0	0.0 s
LApeak > 135.0 dB	0	0.0 s
LApeak > 137.0 dB	0	0.0 s
LApeak > 140.0 dB	0	0.0 s

LCSeq 75.4 dB
 LASeq 66.9 dB
 LCSeq - LASeq 8.5 dB
 LAleq 68.3 dB
 LAeq 66.9 dB
 LAleq - LAeq 1.4 dB

	A		C		Z	
	dB	Time Stamp	dB	Time Stamp	dB	Time Stamp
Leq	66.9					
LS(max)	83.3	2024/03/28 8:01:45				
LS(min)	54.9	2024/03/28 8:08:09				
LPeak(max)	95.3	2024/03/28 8:01:44				

Summary

File Name on Meter R6
 File Name on PC LxT_0007057-20240328 154937-LxT_Data.015.ldbin
 Serial Number 0007057
 Model SoundTrack LxT®
 Firmware Version 2.404
 User
 Location
 Job Description
 Note

Measurement

Description
 Start 2024-03-28 15:49:37
 Stop 2024-03-28 16:04:37
 Duration 00:15:00.0
 Run Time 00:15:00.0
 Pause 00:00:00.0
 Pre-Calibration 2024-03-28 14:14:15
 Post-Calibration None
 Calibration Deviation ---

Overall Settings

RMS Weight A Weighting
 Peak Weight A Weighting
 Detector Slow
 Preamplifier PRMLxT1
 Microphone Correction Off
 Integration Method Exponential
 Overload 144.1 dB
 Under Range Peak A C Z
 Under Range Limit 100.0 97.0 102.0 dB
 Noise Floor 37.3 36.9 43.9 dB
 28.1 27.8 34.8 dB

Instrument Identification

Results

LASeq 73.8 dB
 LASE 103.3 dB
 EAS 2.399 mPa²h
 EAS8 76.763 mPa²h
 EAS40 383.813 mPa²h
 LApk (max) 2024-03-28 16:03:48 114.2 dB
 LASmax 2024-03-28 15:59:34 93.5 dB
 LASmin 2024-03-28 15:57:59 53.1 dB
 SEA -99.9 dB

Exceedance Counts Duration
 LAS > 85.0 dB 4 17.0 s
 LAS > 115.0 dB 0 0.0 s
 LApk > 135.0 dB 0 0.0 s
 LApk > 137.0 dB 0 0.0 s
 LApk > 140.0 dB 0 0.0 s

LCSeq 77.4 dB
 LASEq 73.8 dB
 LCSeq - LASEq 3.6 dB
 LAleq 77.5 dB
 LAeq 73.8 dB
 LAleq - LAeq 3.7 dB

Leq
 Ls(max)
 Ls(min)
 Lpk(max)

A		C		Z	
dB	Time Stamp	dB	Time Stamp	dB	Time Stamp
73.8					
93.5	2024/03/28 15:59:34				
53.1	2024/03/28 15:57:59				
114.2	2024/03/28 16:03:48				

Summary

File Name on Meter R7
 File Name on PC LxT_0007057-20240328 152336-LxT_Data.014.ldbin
 Serial Number 0007057
 Model SoundTrack LxT®
 Firmware Version 2.404
 User
 Location
 Job Description
 Note

Measurement

Description
 Start 2024-03-28 15:23:36
 Stop 2024-03-28 15:38:36
 Duration 00:15:00.0
 Run Time 00:15:00.0
 Pause 00:00:00.0
 Pre-Calibration 2024-03-28 14:14:15
 Post-Calibration None
 Calibration Deviation ---

Overall Settings

RMS Weight A Weighting
 Peak Weight A Weighting
 Detector Slow
 Preamplifier PRMLxT1
 Microphone Correction Off
 Integration Method Exponential
 Overload 144.1 dB
 Under Range Peak A C Z
 100.0 97.0 102.0 dB
 Under Range Limit 37.3 36.9 43.9 dB
 Noise Floor 28.1 27.8 34.8 dB
 Instrument Identification First Second Third

Results

LASeq 70.0 dB
 LASE 99.5 dB
 EAS 1000.000 µPa²h
 EAS8 32.000 mPa²h
 EAS40 160.000 mPa²h
 LApk (max) 2024-03-28 15:30:42 96.2 dB
 LASmax 2024-03-28 15:31:16 81.4 dB
 LASmin 2024-03-28 15:24:06 47.9 dB
 SEA -99.9 dB
 Exceedance Counts Duration
 LAS > 85.0 dB 0 0.0 s
 LAS > 115.0 dB 0 0.0 s
 LApk > 135.0 dB 0 0.0 s
 LApk > 137.0 dB 0 0.0 s
 LApk > 140.0 dB 0 0.0 s
 LCSeq 76.0 dB
 LASeq 70.0 dB
 LCSeq - LASeq 6.0 dB
 LAleq 71.5 dB
 LAeq 70.0 dB
 LAleq - LAeq 1.5 dB

Leq
 Ls(max)
 Ls(min)
 Lpk(max)

A		C		Z	
dB	Time Stamp	dB	Time	dB	Time
70.0					
81.4	2024/03/28 15:31:16				
47.9	2024/03/28 15:24:06				
96.2	2024/03/28 15:30:42				

Summary

File Name on Meter R8
 File Name on PC LxT_0007057-20240328 141506-LxT_Data.012.ldbin
 Serial Number 0007057
 Model SoundTrack LxT®
 Firmware Version 2.404
 User
 Location
 Job Description
 Note

Measurement

Description
 Start 2024-03-28 14:15:06
 Stop 2024-03-28 14:30:07
 Duration 00:15:01.0
 Run Time 00:14:54.9
 Pause 00:00:06.1
 Pre-Calibration 2024-03-28 14:14:15
 Post-Calibration None
 Calibration Deviation ---

Overall Settings

RMS Weight A Weighting
 Peak Weight A Weighting
 Detector Slow
 Preamplifier PRMLxT1
 Microphone Correction Off
 Integration Method Exponential
 Overload 144.1 dB
 Under Range Peak **100.0** **C** **Z** 97.0 102.0 dB
 Under Range Limit **37.3** 36.9 43.9 dB
 Noise Floor 28.1 27.8 34.8 dB
 First Second Third

Instrument Identification

Results

LASeq 65.9 dB
 LA SE 95.4 dB
 EAS 386.841 $\mu\text{Pa}^2\text{h}$
 EAS8 12.449 mPa^2h
 EAS40 62.247 mPa^2h
 LApk (max) 2024-03-28 14:17:54 103.2 dB
 LASmax 2024-03-28 14:21:53 79.9 dB
 LASmin 2024-03-28 14:26:36 52.3 dB
 SEA -99.9 dB

	Exceedance Counts	Duration
LAS > 85.0 dB	0	0.0 s
LAS > 115.0 dB	0	0.0 s
LApk > 135.0 dB	0	0.0 s
LApk > 137.0 dB	0	0.0 s
LApk > 140.0 dB	0	0.0 s

LCSeq 75.6 dB
 LASeq 65.9 dB
 LCSeq - LASeq 9.7 dB
 LAleq 67.9 dB
 LAeq 65.9 dB
 LAleq - LAeq 2.0 dB

	A		C		Z	
	dB	Time Stamp	dB	Time Stamp	dB	Time Stamp
Leq	65.9					
Ls(max)	79.9	2024/03/28 14:21:53				
Ls(min)	52.3	2024/03/28 14:26:36				
Lpk(max)	103.2	2024/03/28 14:17:54				

Summary		
File Name on Meter		R9
File Name on PC	LxT_0007057-20240328 145947-LxT_Data.013.ldbin	
Serial Number		0007057
Model		SoundTrack LxT®
Firmware Version		2.404
User		
Location		
Job Description		
Note		

Measurement		
Description		
Start	2024-03-28	14:59:47
Stop	2024-03-28	15:14:47
Duration		00:15:00.0
Run Time		00:00:00.5
Pause		00:14:59.5
Pre-Calibration	2024-03-28	14:14:15
Post-Calibration		None
Calibration Deviation		---

Overall Settings			
RMS Weight	A Weighting		
Peak Weight	A Weighting		
Detector	Slow		
Preamplifier	PRMLxT1		
Microphone Correction	Off		
Integration Method	Exponential		
Overload	144.1 dB		
	A	C	Z
Under Range Peak	100.0	97.0	102.0 dB
Under Range Limit	37.3	36.9	43.9 dB
Noise Floor	28.1	27.8	34.8 dB
	First	Second	Third
Instrument Identification			

Results			
LASeq	69.7 dB		
LASE	66.7 dB		
EAS	0.518 µPa²h		
EAS8	29.864 mPa²h		
EAS40	149.321 mPa²h		
LApk (max)	2024-03-28 14:59:47	-99.9 dB	
LASmax	2024-03-28 14:59:47	70.0 dB	
LASmin	2024-03-28 14:59:47	69.5 dB	
SEA	-99.9 dB		
	Exceedance Counts	Duration	
LAS > 85.0 dB	0	0.0 s	
LAS > 115.0 dB	0	0.0 s	
LApk > 135.0 dB	0	0.0 s	
LApk > 137.0 dB	0	0.0 s	
LApk > 140.0 dB	0	0.0 s	
LCSeq	77.9 dB		
LASeq	69.7 dB		
LCSeq - LASeq	8.2 dB		
LALeq	71.2 dB		
LAeq	68.3 dB		
LALeq - LAeq	2.9 dB		

	A		C		Z	
	dB	Time Stamp	dB	Time Stamp	dB	Time Stamp
Leq	68.3					
LS(max)	70.0	2024/03/28 14:59:47				
LS(min)	69.5	2024/03/28 14:59:47				

Summary

File Name on Meter R10
 File Name on PC LxT_0007057-20240328 162247-LxT_Data.016.lbin
 Serial Number 0007057
 Model SoundTrack LxT®
 Firmware Version 2.404
 User
 Location
 Job Description
 Note

Measurement

Description
 Start 2024-03-28 16:22:47
 Stop 2024-03-28 16:37:47
 Duration 00:15:00.0
 Run Time 00:15:00.0
 Pause 00:00:00.0
 Pre-Calibration 2024-03-28 14:14:15
 Post-Calibration None
 Calibration Deviation ---

Overall Settings

RMS Weight A Weighting
 Peak Weight A Weighting
 Detector Slow
 Preamplifier PRMLxT1
 Microphone Correction Off
 Integration Method Exponential
 Overload 144.1 dB
 Under Range Peak **100.0** A C Z
 Under Range Limit **37.3** 97.0 102.0 dB
 Noise Floor 28.1 36.9 43.9 dB
 27.8 34.8 dB
 First Second Third

Instrument Identification

Results

LASeq 67.5 dB
 LASe 97.0 dB
 EAS 562.341 µPa²h
 EAS8 17.995 mPa²h
 EAS40 89.975 mPa²h
 LApk (max) 2024-03-28 16:31:25 97.4 dB
 LASmax 2024-03-28 16:31:25 79.8 dB
 LASmin 2024-03-28 16:28:25 47.2 dB
 SEA -99.9 dB

	Exceedance Counts	Duration
LAS > 85.0 dB	0	0.0 s
LAS > 115.0 dB	0	0.0 s
LApk > 135.0 dB	0	0.0 s
LApk > 137.0 dB	0	0.0 s
LApk > 140.0 dB	0	0.0 s

LCSeq 75.9 dB
 LASeq 67.5 dB
 LCSeq - LASeq 8.4 dB
 LAleq 68.6 dB
 LAeq 67.6 dB
 LAleq - LAeq 1.0 dB

	A		C		Z	
	dB	Time Stamp	dB	Time Stamp	dB	Time Stamp
Leq	67.6					
LS(max)	79.8	2024/03/28 16:31:25				
LS(min)	47.2	2024/03/28 16:28:25				
Lpk(max)	97.4	2024/03/28 16:31:25				

Appendix I
**WSGVAP Vehicle Miles Traveled
(VMT) Analysis Memorandum**

Draft Memorandum

Date: April 25, 2024
To: Alison Lenci, Juliana Medan, Marlie Long, and Ruta Thomas, ESA
From: Dongyang Lin and John Muggridge, AICP
Subject: **West San Gabriel Valley Area Plan Vehicle Miles Traveled Analysis**

LA23-3473

This memorandum documents the vehicle miles traveled (VMT) analysis conducted by Fehr & Peers to evaluate the potential transportation impacts of the proposed West San Gabriel Valley Area Plan (WSGVAP or the Project). The VMT analysis follows the Los Angeles County Public Works Transportation Impact Analysis Guidelines (July 23, 2020) (Los Angeles County guidelines).

Methodology

Per Los Angeles County guidelines, Fehr & Peers conducted a VMT assessment of the entire West San Gabriel Valley (WSGV) Planning Area. Daily vehicle trips, daily VMT, and daily total VMT per service population were estimated using the SCAG 2016 RTP/SCS Travel Demand Forecasting Model (Model). Modeling assumptions are described later in this document including the socio-economic data assumptions for the WSGV Planning Area as well as the details regarding modifications to the transportation networks.

Thresholds of Significance

In accordance with Appendix G of the CEQA Guidelines, the project would have a significant impact on transportation if it would conflict or be inconsistent with CEQA Guidelines Section 15064.3, subdivision (b).

Project Level VMT

Per the metrics and thresholds established in the Los Angeles County Guidelines, the WSGVAP would have a potentially significant VMT impact if daily total VMT per service population estimated for the horizon year (the "Future Plus Project" scenario) exceeds Los Angeles County's



threshold of 16.8 percent below the County Baseline VMT for 2024¹. The County is in the process of updating their guidelines to reflect updated baseline VMT data and thresholds. The updated baseline VMT data was used based on direction from the County and was taken from the Los Angeles County Baseline VMT Data memorandum, dated January 26, 2022, which provides the new baseline VMT thresholds for Los Angeles County². The 2024 Baseline for Daily VMT per Service Population, as well as the threshold for 16.8 percent below the baseline, is provided in **Table 1**.

Table 1: Los Angeles County VMT Metrics and Thresholds

	2024 County Baseline	16.8% Below 2024 County Baseline
Total Daily VMT per Service Population	30.4	25.3

Source: Los Angeles County Transportation Impact Analysis Guidelines (July 23, 2020) and Los Angeles County Baseline VMT Data Memorandum (January 26, 2022).

Cumulative VMT

Per the Los Angeles County guidelines, a land use project's cumulative effects are determined through consistency with the SCAG Regional Transportation Plan/Sustainable Communities Strategy (RTP/SCS). Land use projects that: (1) demonstrate a project impact after applying an efficiency based VMT threshold and (2) are not deemed to be consistent with the SCAG RTP/SCS could have a significant cumulative impact on VMT. Further evaluation would be necessary to determine whether the project's cumulative impact on VMT is significant. The cumulative impact analysis involves comparing the cumulative "no project" scenario, representing RTP/SCS cumulative year conditions, to the cumulative "plus project" scenario, representing reallocation of the population/employment growth associated with the proposed project¹.

VMT Modeling Assumptions

This section describes the assumptions and methodologies related to the modeling of VMT for the WSGV Planning Area for both the Future No Project and Future Plus Project scenarios. These include socio-economic data (SED) inputs and modifications to the transportation (highway and transit) networks.

¹ *Transportation Impact Analysis Guidelines*, Los Angeles County Public Works, July 2020

² *Los Angeles County Baseline VMT Data Memorandum*, Fehr & Peers, January 2022



Socio-Economic Data Assumptions

SED is used as the input data for VMT modeling and establishes the buildout for the Future No Project and Future Plus Project conditions. In addition to SCAG Model base year (2012) and horizon year (2040) data, the following data sources were used to develop the SED forecasts:

- WSGVAP buildout data
- Los Angeles County unincorporated areas dwelling unit vacancy rates

The 2045 Future No Project scenario represents SCAG RTP/SCS cumulative year conditions. Per the county’s guidance, SCAG Model SED of base year (2012) and horizon year (2040) extrapolated to year 2045 was used for Future No Project scenario. The Future Plus Project scenario integrated the WSGVAP buildout data for unincorporated areas. SED inputs for the WSGV Planning Area under Future No Project and Future Plus Project are shown in **Table 2**.

Table 2: WSGV Planning Area SED Inputs

SED	2045 No Project Conditions	2045 Plus Project (WSGVAP) Conditions
Households	350,481	357,210
Population	1,039,576	1,055,637
Average Household Size	2.97	2.96
Employment	491,124	505,833
<i>Households by Annual Household Income Groups (in 2011 dollars):</i>		
Low Income (less than 34,999)	109,523	111,025
Med Income (35,000 - 74,999)	103,743	106,162
High Income (75,000 - 149,999)	90,020	92,332
Very High Income (150,000 or more)	47,195	47,691
<i>Employment by Industries:</i>		
Industrial	88,963	90,264
Retail	95,177	102,119
Office	160,381	168,296
Education and Health Services	125,503	124,348
Other	21,100	20,806

Source: SCAG 2016 RTP/SCS Travel Demand Forecast Model, WSGVAP Buildout Data from ESA.

Transportation Network Projects Complete by Horizon Year

The Model includes future transportation network projects that are assumed to be complete by the 2045 horizon year.



Off-Model Adjustments

As part of the WSGVAP, the Mobility Element recommends policies that align with WSGVAP's vision statements and guides the maintenance, enhancement, and development of transportation network within the unincorporated communities of WSGV Planning Area (refer to *WSGVAP Mobility Element*). Regional travel demand forecasting models are less sensitive to certain types of projects, plans and policies, such as active transportation improvements. To capture the VMT reduction potential of mobility policies as part of WSGVAP's design features, off-model calculations were developed based on guidance provided by California Air Pollution Control Officer Association (CAPCOA).

Table 3 presents transportation demand management (TDM) strategies associated with WSGVAP mobility policies. The effectiveness of identified TDM strategies is based primarily on research documented in the 2021 CAPCOA publication, *Handbook for Analyzing Greenhouse Gas Emission Reductions, Assessing Climate Vulnerabilities, and Advancing Health and Equity* (CAPCOA, 2021). CAPCOA offers methodology based on latest science and literature at the time of publication for each strategy³. Fehr & Peers followed the CAPCOA guidance and applied off-model adjustments to the Future Plus Project Model results within the WSGV unincorporated communities.

³ *Handbook for Analyzing Greenhouse Gas Emission Reductions, Assessing Climate Vulnerabilities, and Advancing Health and Equity (Final Draft)*, California Air Pollution Control Officers Association, December 2021



Table 3: TDM Measures Associated with WSGVAP Mobility Policies

TDM Measures	WSGVAP Mobility Policies [a]	Type of VMT Affected [b]
Implement Commute Trip Reduction Program (Voluntary, T-5)	Policy M-4.2: TDM Strategies for Residents and Employees. Work with the community and local businesses to develop TDM strategies for commuting that meet the needs of WSGV residents and employees.	Employee commute trips
Implement Employee Parking Cash-Out (T-13)		Employee commute trips
Provide Community-Based Travel Planning (T-23)		Household trips
Provide Pedestrian Network Improvement (T-18)	<p>Policy M-3.2: Pedestrian Networks. Provide safe pedestrian networks that are mindful of users, roadways, surrounding land uses and community characteristics.</p> <p>Policy M-3.3: Neighborhood Greenways. Support the planning and construction of greenways that prioritize pedestrians and cyclists along community corridors to create neighborhood-friendly spaces lined with commercial establishments to encourage foot traffic, reduce parking demand, and support local businesses. Greenways are linear public corridors for walking and biking that can connect parks, nature reserves, cultural features, historic sites, and retail areas.</p>	Household trips
Construct or Improve Bike Facility (T-19A)	<p>Policy M-3.1: Bicycle Networks. Continue to build out, close gaps, and expand the existing bike network.</p> <p>Policy M-3.3: Neighborhood Greenways. Support the planning and construction of greenways that prioritize pedestrians and cyclists along community corridors to create neighborhood-friendly spaces lined with commercial establishments to encourage foot traffic, reduce parking demand, and support local businesses. Greenways are linear public corridors for walking and biking that can connect parks, nature reserves, cultural features, historic sites, and retail areas.</p>	All types of trips, including household trips and employee commute trips, and non-home-based trips
Expand Bikeway Network (T-20)		Employee commute trips
<p>Note:</p> <p>[a] Mobility policies that require cross-jurisdiction coordination or are not anticipated to affect VMT are not included in the table. Refer to WSGVAP Mobility Element for a full list of policies.</p> <p>[b] Off-model adjustments were applied to the corresponding Types of VMT Affected that were estimated from the Future Plus Project Model results within the WSGV unincorporated communities.</p>		



VMT Impact Analysis

VMT Results

Per the Los Angeles County guidelines, the WSGVAP potentially has a significant VMT impact if it results in average daily VMT per service population in the horizon year (2045) that exceeds 16.8 percent below the County Baseline daily VMT per service population for 2024. The WSGVAP buildout scenario (Future Plus Project) was analyzed using the SCAG 2016 RTP/SCS Travel Demand Forecast Model and the above methodologies and assumptions. The results of the model and off-model analysis for the WASP buildout scenario are shown in **Table 4**.

Table 4: WSGV Planning Area Future Plus Project VMT Results

	Total Population	Total Employment	Total Service Population	Total Daily VMT [a]	Total Daily VMT per Service Population
	(A)	(B)	(C) = (A) + (B)	(D)	(E) = (D) / (C)
2045 WSGV Planning Area	1,055,637	505,833	1,561,470	46,244,249	29.6
Note: [a] Total Daily VMT represents VMT results after off-model adjustments.					

Source: SCAG 2016 RTP/SCS Travel Demand Forecast Model, 2021 CAPCOA Publication.

Project VMT Impacts

Based on the results of the model and off-model analysis, the WSGVAP buildout scenario would have an average daily VMT per service population of 29.6, or 17.1 percent above the 2024 County Threshold. Thus, the WSGVAP's 29.6 total VMT per service population results in a significant project VMT impact. The results of the model analysis are compared to the 2024 County Baseline and the 2024 County Threshold (16.8 percent below the baseline) in **Table 5**.



Table 5: WSGV Planning Area VMT Metrics

	2024 County Baseline	2024 County VMT Threshold (16.8% Below 2024 County Baseline)	2045 Plus Project (WSGVAP) Conditions	Percent Difference between the Baseline Threshold & WSGVAP
Total Daily VMT per Service Population	30.4	25.3	29.6	17.1%

Source: Los Angeles County Transportation Impact Analysis Guidelines (July 23, 2020), Los Angeles County Baseline VMT Data Memorandum (January 26, 2022), and SCAG 2016 RTP/SCS Travel Demand Forecast Model.

Cumulative Impacts

Per the Los Angeles County guidelines, cumulative effects are determined through consistency with the SCAG RTP/SCS, as that Plan demonstrates compliance with air quality conformity requirements and GHG reduction targets. Land use plans that are not deemed to be consistent with the SCAG RTP/SCS in terms of development location, density, and intensity require further evaluation.

The WSGVAP buildout scenario demonstrates a project impact after applying an efficiency based VMT threshold in the Project VMT Impacts section. Although it is consistent with SCAG RTP/SCS in network and zoning, it reallocates population/employment growth and reflects a greater amount of service population overall than is assumed in the SCAG RTP/SCS in the area, and therefore requires cumulative impact analysis. The cumulative impact analysis entails comparing the cumulative “no project” scenario, representing RTP/SCS cumulative year conditions, to the cumulative “plus project” scenario, representing reallocation of the population/employment growth associated with the WSGVAP to the area.

The WSGVAP buildout scenario will have a cumulative impact if it results in either:

- Average daily VMT per service population for the 2045 WSGVAP buildout (the “Future Plus Project” scenario) that exceeds the daily VMT per service population for the 2045 “No Project” scenario.
- Total VMT for the 2045 WSGVAP buildout (the “Future Plus Project” scenario) exceeds the total VMT for the 2045 “No Project” scenario.

Table 6 shows the daily VMT per service population for the “No Project” conditions and the “Plus Project” conditions for 2045. The results demonstrate that the daily VMT per service population is slightly lower, but total VMT is higher under the 2045 Plus Project conditions than the 2045 No Project conditions. This indicates a significant impact under cumulative conditions.



Table 6: Cumulative VMT Metrics

	2045 “No Project” Conditions	2045 Plus Project (WSGVAP) Conditions	Net Difference	Percent Difference
Total Daily VMT	45,814,886	46,244,249	429,363	0.9%
Total Service Population	1,530,700	1,561,470	30,770	2.0%
Total Daily VMT per Service Population	29.9	29.6	-0.3	-1.1%

Source: SCAG 2016 RTP/SCS Travel Demand Forecast Model, 2021 CAPCOA Publication.

VMT Mitigation Strategies

TDM Strategies

The types of mitigations that affect VMT are those that reduce the number of single-occupant vehicles generated by the project. This can be accomplished by changing the land uses being proposed or by implementing TDM strategies. TDM strategies are reductions available from certain types of project site modifications, programming, and operational changes.

The strategies described in **Table 7** are a sample of the options most effective in areas like WSGV, in addition to TDM strategies as part of the plan feature in **Table 3**. For a comprehensive list of available TDM strategies, please refer to *CAPCOA Handbook for Analyzing Greenhouse Gas Emission Reductions, Assessing Climate Vulnerabilities, and Advancing Health and Equity*.

The CAPCOA document contains detailed equations to apply these TDM reductions given the land use type and built environment context. The percent reduction shown in **Table 7** should not be directly applied to a project. CAPCOA recommends that measure reductions within a subsector and across subsectors be multiplied to determine a combined effectiveness level. Each subsector has a maximum allowable reduction. In addition, some TDM strategies have complementary benefits reducing VMT, and need to be considered in combination, not individually. Some TDM strategies are mutually exclusive in reducing VMT, indicating that only one of their credits could be considered quantitatively.

As previously stated, the baseline total daily VMT per service population is 30.4 for Los Angeles County in analysis year 2024. The threshold of 16.8% below the baseline is 25.3 total daily VMT per service population. The Project’s 29.6 total daily VMT per service population is higher than the County’s threshold of 25.3 total daily VMT per service population. Trip reduction and parking programs in **Table 7** need to be implemented at a project level. Transit programs require



collaboration with regional transit agencies and/or neighboring jurisdictions. Thus, the effectiveness in VMT reduction of these TDM strategies are not quantifiable before specific projects are identified. Therefore, the impact will remain significant and unavoidable. However, the previously discussed TDM strategies should be considered when processing land use project applications to help achieve VMT reduction goals.

Table 7: Transportation Demand Management Strategies

Measure	Sector, Subsector	Scale of Application	Type of VMT Affected	Measure Description	Low Reduction on VMT or GHG	High Reduction on VMT or GHG
Implement Commute Trip Reduction Marketing (T-7)	Trip Reduction Programs	Project/Site	Employee commute trips	This measure will implement a marketing strategy to promote the project site employer's CTR program. Information sharing and marketing promote and educate employees about their travel choices to the employment location beyond driving such as carpooling, taking transit, walking, and biking, thereby reducing VMT and GHG emissions.	0.00%	4.00%
Provide Ridesharing Program (T-8)	Trip Reduction Programs	Project/Site	Employee commute trips	This measure will implement a ridesharing program and establish a permanent transportation management association with funding requirements for employers. Ridesharing encourages carpooled vehicle trips in place of single-occupied vehicle trips, thereby reducing the number of trips, VMT, and GHG emissions.	0.00%	8.00%
Implement Subsidized or Discounted Transit Program (T-9)	Trip Reduction Programs	Project/Site	Employee commute trips	This measure will provide subsidized or discounted, or free transit passes for employees and/or residents. Reducing the out-of-pocket cost for choosing transit improves the competitiveness of transit against driving, increasing the total number of transit trips and decreasing vehicle trips. This decrease in vehicle trips results in reduced VMT and thus a reduction in GHG emissions.	0.00%	5.50%
Provide End-of-Trip Bicycle Facilities (T-10)	Trip Reduction Programs	Project/Site	Employee commute trips	This measure will install and maintain end-of-trip facilities for employee use. End-of-trip facilities include bike parking, bike lockers, showers, and personal lockers. The provision and maintenance of secure bike parking and related facilities encourages commuting by bicycle, thereby reducing VMT and GHG emissions.	0.10%	4.40%
Provide Employer-Sponsored Vanpool (T-11)	Trip Reduction Programs	Project/Site	Employee commute trips	This measure will implement an employer-sponsored vanpool service. Vanpooling is a flexible form of public transportation that provides groups of 5 to 15 people with a cost-effective and convenient rideshare option for commuting. The mode shift from long-distance, single-occupied vehicles to shared vehicles reduces overall commute VMT, thereby reducing GHG emissions.	3.40%	20.40%



Measure	Sector, Subsector	Scale of Application	Type of VMT Affected	Measure Description	Low Reduction on VMT or GHG	High Reduction on VMT or GHG
Limit Residential Parking Supply (T-15)	Parking or Road Pricing/ Management	Project/Site	Household trips	This measure will reduce the total parking supply available at a residential project or site. Limiting the amount of parking available creates scarcity and adds additional time and inconvenience to trips made by private auto, thus disincentivizing driving as a mode of travel. Reducing the convenience of driving results in a shift to other modes and decreased VMT and thus a reduction in GHG emissions. Evidence of the effects of reduced parking supply is strongest for residential developments.	0.00%	13.70%
Unbundle Residential Parking Costs from Property Cost (T-16)	Parking or Road Pricing/ Management	Project/Site	Household trips	This measure will unbundle, or separate, a residential project's parking costs from property costs, requiring those who wish to purchase parking spaces to do so at an additional cost. On the assumption that parking costs are passed through to the vehicle owners/drivers utilizing the parking spaces, this measure results in decreased vehicle ownership and, therefore, a reduction in VMT and GHG emissions. Unbundling may not be available to all residential developments, depending on funding sources.	0.00%	15.70%
Extend Transit Network Coverage or Hours (T-25)	Transit	Plan/Community	All types of trips, including household trips and employee commute trips, and non-home-based trips	This measure will expand the local transit network by either adding or modifying existing transit service or extending the operation hours to enhance the service near the project site. Starting services earlier in the morning and/or extending services to late-night hours can accommodate the commuting times of alternative-shift workers. This will encourage the use of transit and therefore reduce VMT and associated GHG emissions.	0.00%	4.60%
Increase Transit Service Frequency (T-26)	Transit	Plan/Community	All types of trips, including household trips and employee commute trips, and non-home-based trips	This measure will increase transit frequency on one or more transit lines serving the plan/community. Increased transit frequency reduces waiting and overall travel times, which improves the user experience and increases the attractiveness of transit service. This results in a mode shift from single occupancy vehicles to transit, which reduces VMT and associated GHG emissions.	0.00%	11.30%



Measure	Sector, Subsector	Scale of Application	Type of VMT Affected	Measure Description	Low Reduction on VMT or GHG	High Reduction on VMT or GHG
Implement Transit-Supportive Roadway Treatments (T-27)	Transit	Plan/Community	All types of trips, including household trips and employee commute trips, and non-home-based trips	This measure will implement transit-supportive treatments on the transit routes serving the plan/community. Transit-supportive treatments incorporate a mix of roadway infrastructure improvements and/or traffic signal modifications to improve transit travel times and reliability. This results in a mode shift from single occupancy vehicles to transit, which reduces VMT and the associated GHG emissions.	0.00%	0.60%
Provide Bus Rapid Transit (T-28)	Transit	Plan/Community	All types of trips, including household trips and employee commute trips, and non-home-based trips	This measure will convert an existing bus route to a bus rapid transit (BRT) system. BRT includes the following additional components, compared to traditional bus service: exclusive right-of-way (e.g., busways, queue jumping lanes) at congested intersections, increased limited-stop service (e.g., express service), intelligent transportation technology (e.g., transit signal priority, automatic vehicle location systems), advanced technology vehicles (e.g., articulated buses, low-floor buses), enhanced station design, efficient fare-payment smart cards or smartphone apps, branding of the system, and use of vehicle guidance systems. BRT can increase the transit mode share in a community due to improved travel times, service frequencies, and the unique components of the BRT system. This mode shift reduces VMT and the associated GHG emissions.	0.00%	13.80%

